

Buyers PRODUCTS COMPANY



A LEADING MANUFACTURER DELIVERING **QUALITY, VALUE & AVAILABILITY**



Our History



1946
Buyers Products Company founded by Sam Ruven and Bessie Kleinman as a distributor of driveline components.

VIKING FORGE
1988
Buyers acquired Viking Forge in Streetsboro, Ohio with 6 complete forge lines. This facility manufactures our hitches, D-rings, and other towing and cargo parts.

1995
Buyers acquired Progressive Powder Coating. Our Nordson automatic powder application booth is used to powder coat our Buyers toolboxes and other truck and trailer accessories.

Romotech
2004
Buyers acquired Romotech in New Paris, Indiana. Our Ferry Industries Rotospeed molding machines are used to manufacture our poly salt spreaders.

Boomerang
2009
Buyers began our operations at Boomerang Rubber, in Botkins, Ohio manufacturing mudflaps, wheel chocks and other rubber truck and trailer accessories.



Buyers continued to grow its product offerings and build valued relationships with customers and suppliers. Increased demand for products led to the pursuit of supply chain manufacturing solutions.



1992
Buyers acquired Trailer Components Manufacturing (Tracom) for CNC precision machining and tooling, as well as state-of-the-art welding.



2002
Buyers moved its corporate headquarters to a brand new 235,000 sq. ft. state-of-the-art office and distribution center.



2007
Buyers began manufacturing the SnowDogg stainless steel snowplow at our Mentor, Ohio facility.



2013
Buyers acquired an additional 500,000 sq.ft. manufacturing facility in Mentor, Ohio allowing for expansion of our aluminum and stainless steel manufacturing.



Our Corporate Family of Companies



PROGRESSIVE
POWDER COATING, INC.



Founded in 1946, Buyers Products is a fully integrated manufacturer and supplier of products for the mobile equipment industry. **Multiple manufacturing capabilities include forging, stamping, laser cutting, CNC machining, robotic welding, rotational molding, powder coating and assembly.**

Product lines include towing products, toolboxes, truck and trailer hardware, rubber and polymer products, dump body hardware, cables and control systems, hydraulics, pneumatics, driveline components, lights, mudflaps, snowplows, salt spreaders and snow & ice control products.

Product Ordering Options

Buyers Products Company has three convenient ways for you to place an order: Email, Fax & Phone.

- Email: orders@buyersproducts.com
- 24 Hour Toll-Free Fax: (800) 841-8003
- Phone: (440) 974-8888

Product Information & Questions

Our knowledgeable customer service representatives are available to answer questions and to take your orders. Our representatives are available:

- Monday – Thursday from 8:00 AM to 6:00 PM EST
- Friday from 8:00 AM to 5:30 PM EST

After Hours and Weekends: You are welcome to place an order or leave a message in our voicemail system when we are closed. A faxed order acknowledgment will be sent to you the next business day, or one of our customer service representatives will call you to answer your question.

If you have a question or need assistance selecting a Hydraulic part for your application, our Hydraulics Department can be reached at 440-299-5251.

Prices

Prices are consistent with current market conditions and are subject to change without notice.

Payment Terms

Open account terms are net 30 days, with approved credit. We also accept MasterCard® and Visa®. For Email and Fax orders, please include your credit card number, expiration date and the three digit security code located on the back of your card.

If you have a question or need assistance, our Accounts Receivable Department can be reached at 440-299-5252.

- Minimum billing \$25.00
- All drop-ship orders of \$125.00 or less will incur a \$20.00 handling fee

Freight

- F.O.B. Mentor, Ohio

Returns

No returns will be accepted without a return materials authorization number. A restocking fee will be levied on returned merchandise.

Mailing Address

Buyers Products Company
9049 Tyler Blvd.
Mentor, Ohio 44060

Website

www.buyersproducts.com

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M.V.L.

Maximum Vehicle Load

M.G.T.W.

Maximum Gross Trailer Weight

W.L.L.

Working Load Limit

M.B.S.

Minimum Breaking Strength

The 1/8" Wear Rule

Replace any towing and cargo equipment when any part of said equipment becomes worn beyond 1/8". When referring to any product dealing with towing and cargo the 1/8" wear rule should always be followed

DOT

Abbreviation for Department of Transportation, the agency composed of several federal agencies dealing with regulations concerning both the manufacture and operation of motor vehicles and equipment

FMVSS 108, Lamps, Reflective Devices, and Associated Equipment

This standard applies to trucks, buses, and trailers. It specifies type, location, and performance requirements for original and replacement lamps, reflective devices and associated equipment.

ICC

Abbreviation for Interstate Commerce Commission, the former federal agency that regulated requirements for motor carriers.

JIC

Abbreviation for Joint Industry Committee, and organization set up to standardize hydraulic fitting specifications and symbols.

M.G.T.W.

Maximum Gross Trailer Weight - The largest weight of both trailer and its contents that can be safely towed by a coupling device

M.V.L.

Maximum Vertical Load - The maximum recommended static vertical load (down) that can be applied to a coupling device for safe operation.

SAE

Abbreviation for Society of Automotive Engineers

ELECTRIC WINCHES



PAGE C6

KABGARD™



PAGE D1

FULL SIZE LED LIGHTBARS



PAGE K14-K16

STEEL BULKHEAD RESERVOIR



PAGE G1

LED LIGHT STRIPS



PAGE K24

LIFT AXLE CONTROLLERS



PAGE H3

MANUAL PULL STYLE TARP



PAGE D25

UTILITY RACK



PAGE C1

**UNDERBODY BOXES W/
3-POINT LATCHES**



PAGE B4

**LED COMBINATION
SPOT/FLOOD
LIGHTBARS**



PAGE K22

**GOOSENECK
HITCHES**



PAGE A6

LED DOT LIGHTS



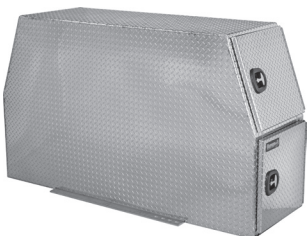
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**HORIZONTAL &
VERTICAL THIN
MOUNT LED STROBES**



PAGE K10

**B-PACK
TOOLBOXES**



PAGE B8

**ALUMINUM
SQUARE STROBES**



PAGE K10

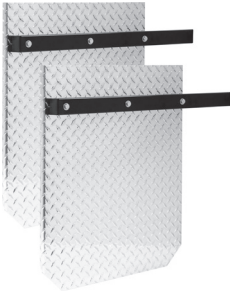
**7-WAY OEM TRAILER
CONNECTOR ADAPTER**



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NEW PRODUCTS

ALUMINUM DIAMOND PLATE MUDFLAPS



PAGE E8

POLYMER DUMP INSERT



PAGE C4

BLACK ALUMINUM TOPSIDE TOOLBOXES



PAGE B5

LED MINI LIGHTBARS



PAGE K13

VAN LADDER RACKS



PAGE C1

LED WORK LIGHTS



PAGE K20-K23

STAINLESS STEEL RETRACTABLE STEP



PAGE D23

LED DASH LIGHTBAR



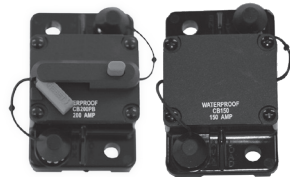
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LED MARKER STROBES



PAGE K11

CIRCUIT BREAKERS



PAGE K34

QUICK CONNECT JUMPER/BOOSTER CABLES



PAGE K25

STAINLESS STEEL RESERVOIR WITH VALVE ENCLOSURE



PAGE G2

CONDUIT CARRIERS



PAGE D24

LED STROBE BEACON LIGHTS



PAGE K18-K19

BATTERY DISCONNECT SWITCHES



PAGE K31

ELECTRIC & MANUAL TARP SYSTEMS



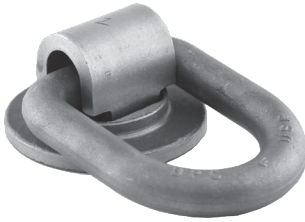
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PAGE K26

ROTATING D-RINGS



PAGE A25

ELECTRIC/HYDRAULIC SPREADER CONTROL WITH GPS



PAGE G20

LED SURFACE MOUNTED MINI STROBE LIGHTS



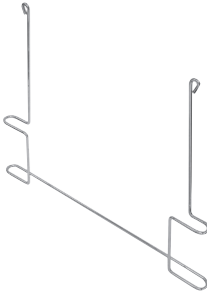
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INCANDESCENT DOT LIGHTS



PAGE K6-K7

STAINLESS STEEL MUDFLAP BRACKETS



PAGE E8

LED ROAD FLARE



PAGE K9

BLACK ALUMINUM TOPSIDE BOXES WITH DRAWERS



PAGE B5

SQUARE SHANK GOOSENECK BALL & EXTENDER



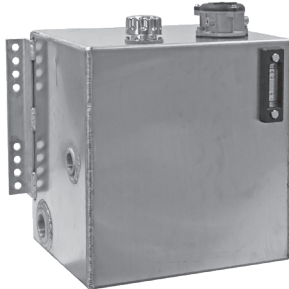
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LED AMBER/CLEAR HIDDEN STROBE LIGHTS



PAGE K12

ALUMINUM HYDRAULIC RESERVOIR



PAGE G4

LED DIRECTIONAL WARNING LIGHTS



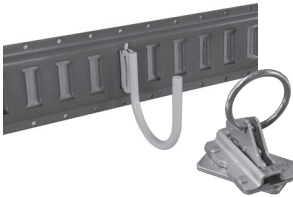
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CLASS 5 RECEIVER HITCHES



PAGE A14

E-TRACK ACCESSORIES



PAGE A28

FORMED STEEL CHANNEL MOUNTING BRACKETS



PAGE B2

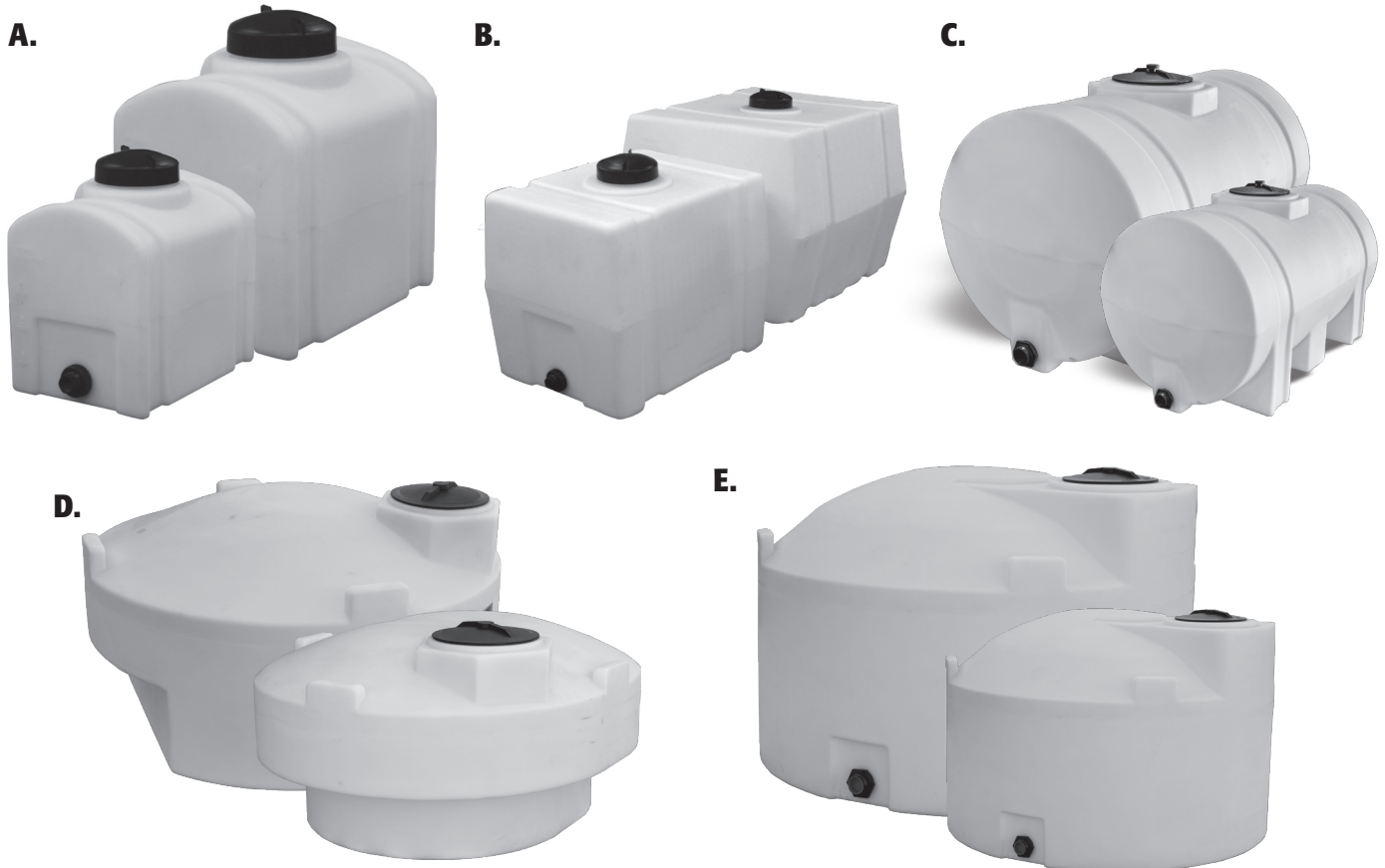
ELECTRICAL JUNCTION BOX



PAGE K32

NEW POLYMER BULK STORAGE TANKS

BULK STORAGE TANKS



Construction. Produced out of all-virgin, medium-density polyethylene with ultraviolet (UV) inhibiting stabilizers, allowing for long-term outdoor storage.

Uses. The all-purpose bulk storage tanks are designed for convenient dispensing and storage of chemicals (not to exceed specific gravity of 1.7, excluding flammable hydrocarbons).

Approved for:

- Potable Water
- Agricultural Chemicals
- Industrial Chemicals
- Other Non-Flammable Liquids
- Tanks not intended for fuel storage

Environmental. The recommended maximum contact operating temperature is 110°F.

Features & Benefits:

- Large fill cap & drain
- 3/4" bulkhead fitting, 2" on 325 & 550 gallon tanks
- One piece molded tank
- Molded-In channels for saddle straps
- Thick walled, heavy-duty construction
- Low-profile design
- Translucent material for easy visibility of fluids
- Molded-In graduation marks (in gallons & liters)
- Easy-Tight cap

ORDERING INFORMATION

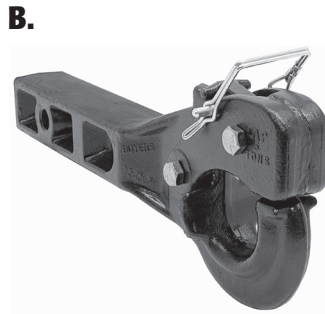
	PART NO.	DESCRIPTION	CAPACITY	DIMENSIONS (LxWxH)	WEIGHT
A	82123879*	Domed Storage Tank	8 Gal.	16 x 12 x 15	7 lbs.
A	82123889*	Domed Storage Tank	16 Gal.	22 x 16 x 16	10 lbs.
A	82123899*	Domed Storage Tank	26 Gal.	26 x 18 x 19	12 lbs.
B	82123909*	Square End Storage Tank	30 Gal.	24 x 19 x 22	18 lbs.
B	82123919*	Square End Storage Tank	50 Gal.	38 x 19 x 22	25 lbs.
B	82123929	Square End Storage Tank	100 Gal.	38 x 30 x 29	40 lbs.
C	82123939	Storage Tank with Legs	65 Gal.	38 x 23 x 27	28 lbs.
C	82123949	Storage Tank with Legs	125 Gal.	48 x 36 x 28	50 lbs.
C	82124629	Storage Tank with Legs	225 Gal.	49 x 38 x 41	80 lbs.
C	82124259	Storage Tank with Legs	325 Gal.	72 x 38 x 39	110 lbs.
C	82124269	Storage Tank with Legs	550 Gal.	78 x 48 x 49	160 lbs.
D	82124639	Pick-Up Truck Storage Tank	210 Gal.	60 x 52.5 x 29.75	90 lbs.
D	82124649	Pick-Up Truck Storage Tank	325 Gal.	62 x 52.5 x 32.75	110 lbs.
E	82124749	Vertical Storage Tank	550 Gal.	67 x 45	140 lbs.
E	82124659	Vertical Storage Tank	1,550 Gal.	86 x 71	315 lbs.

* Can be shipped UPS



A. 6-Ton Receiver Mount Combination Hitch

- Single piece drop forged lower jaw is designed with an integral shank to fit 2" receiver tubes.
- Black powder coat finish
- Drawbar eye dimensions - 2½" to 3" I.D. with 1¼" to 1⁹⁄₁₆" diameter section.
- Individually boxed with instruction sheet and capacity decals.



B. 5-Ton Receiver Mount Pintle Hook

- Single piece drop forged lower jaw is designed with an integral shank to fit 2" receiver tubes.
- Black powder coat finish
- Drawbar eye dimensions - 2" to 3" I.D. with 1¼" to 1⁹⁄₁₆" diameter section.
- Individually boxed with instruction sheet and capacity decals.



C. 8-Ton Combination Hitch

- Drop forged
- Black powder coat finish
- Forged steel ball
- Interchangeable hitch balls
- Drawbar eye dimensions - 2½" to 3" I.D. with 1¼" to 1⁹⁄₁₆" diameter section.
- Individually boxed with drilling template and capacity decals.
- M.G.T.W: 16,000 as pintle/12,000 as 1⅞" or 2" ball mount, 16,000 as 2⅝" ball mount



D. 10-Ton Combination Hitch

- Drop forged
- Black powder coat finish
- Forged steel ball
- Interchangeable hitch balls
- Drawbar eye dimensions - 2⅜" to 3" up to 1⁹⁄₁₆" diameter section.
- Individually boxed with drilling template and capacity decals.
- M.G.T.W: 20,000 as pintle/20,000 as ball mount

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	BALL SIZE	M.V.L.	M.G.T.W.	WEIGHT	CAT.
	A RM61780	RM61780	6-Ton Receiver Mount Combination Hitch	1⅞"	2,400 lbs.	12,000 lbs.	20.0 lbs.	521 (Y)
	A RM62000	RM62000	6-Ton Receiver Mount Combination Hitch	2"	2,400 lbs.	12,000 lbs.	20.0 lbs.	521 (Y)
	A RM62516	RM62516	6-Ton Receiver Mount Combination Hitch	2⅝"	2,400 lbs.	12,000 lbs.	20.0 lbs.	521 (Y)
	A RM650M	RM650M	6-Ton Receiver Mount Combination Hitch	50 mm	2,400 lbs.	12,000 lbs.	20.0 lbs.	521 (Y)
	B RM5P	RM5P	5-Ton Receiver Mount Pintle Hook	—	2,000 lbs.	10,000 lbs.	14.2 lbs.	525 (N)
	C BH81780		8-Ton Combination Hitch	1⅞"	3,000 lbs.	12,000 lbs.	13.0 lbs.	521 (Y)
	C 10045	10045*	8-Ton Combination Hitch w/Mounting Kit	1⅞"	3,000 lbs.	12,000 lbs.	13.8 lbs.	521 (Y)
	C BH82000		8-Ton Combination Hitch	2"	3,000 lbs.	12,000 lbs.	13.0 lbs.	521 (Y)
	C 10050	10050*	8-Ton Combination Hitch w/Mounting Kit	2"	3,000 lbs.	12,000 lbs.	13.8 lbs.	521 (Y)
	C BH82516		8-Ton Combination Hitch	2⅝"	3,000 lbs.	16,000 lbs.	13.0 lbs.	521 (Y)
	C 10055	10055*	8-Ton Combination Hitch w/Mounting Kit	2⅝"	3,000 lbs.	16,000 lbs.	13.8 lbs.	521 (Y)
	C BH850MM		8-Ton Combination Hitch	50 mm	3,000 lbs.	16,000 lbs.	13.0 lbs.	521 (Y)
	D BH102000	10052	10-Ton Combination Hitch	2"	4,000 lbs.	20,000 lbs.	19.0 lbs.	521 (Y)
	D BH102516	10057	10-Ton Combination Hitch	2⅝"	4,000 lbs.	20,000 lbs.	20.0 lbs.	521 (Y)

* Sold in Case Quantity of 5.

HOLE PATTERNS

PART NO.	HOLE SPACING (center to center)		HOLE SIZE.
	VERTICAL	HORIZONTAL	
BH81780	1.75	3.38	0.531
BH82000	1.75	3.38	0.531
BH82516	1.75	3.38	0.531
BH850MM	1.75	3.38	0.531
BH102000	1.75	3.38	0.59
BH102516	1.75	3.38	0.59

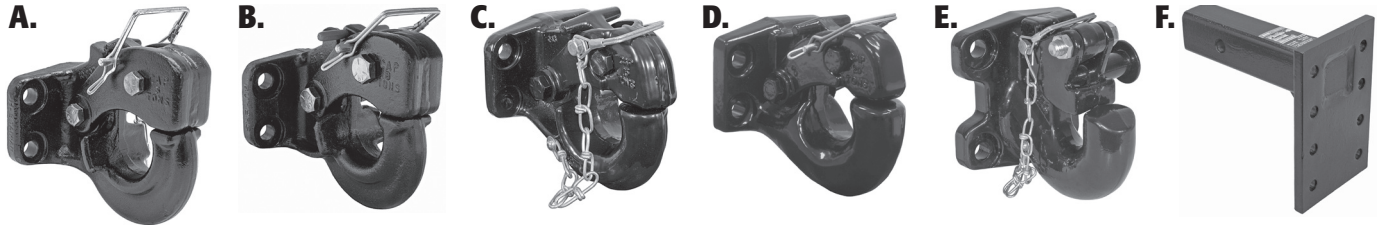
ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	BALL SIZE	WEIGHT	CAT.
P11C	¼" Clip w/ 8" Chain, Zinc (for RM & BH8 Series)	—	0.13 lbs.	525-1 (N)
3003316	3/8" x 2¼" Clip w/ 8" Chain, Zinc (for BH10 Series)	—	0.13 lbs.	525-1 (N)
RB1780	Replacement Ball for RM6 Series & BH8 Series	1⅞"	2.25 lbs.	521-1 (N)
RB2000	Replacement Ball for RM6 Series & BH8 Series	2"	2.50 lbs.	521-1 (N)
RB2516	Replacement Ball for RM6 Series & BH8 Series	2⅝"	2.75 lbs.	521-1 (N)
RB50MM	Replacement Ball for RM6 Series & BH8 Series	50 mm	2.75 lbs.	521-1 (N)
RB102000	Replacement Ball for BH10 Series	2"	3.30 lbs.	521-1 (N)
RB102516	Replacement Ball for BH10 Series	2⅝"	4.00 lbs.	521-1 (N)

*Also see page A2 for mounting kit accessories (P/N 8520 and 8525)

TOWING & CARGO CONTROL

RIGID TYPE PINTLE HOOKS



A. - E. Rigid Type Pintle Hooks

- Drop forged steel
- Black powder coat
- Drawbar Eye Dimensions - 2" to 3" I.D. with 1 1/4" to 1 5/8" diameter section
- Individually boxed
- Include mounting info., spec. sheet, drilling template, & vehicle capacity decal

PH5 compares to Holland®* PH-T-60-AL

PH15 compares to Holland®* PH-T-60-AOL-8

PH20 compares to Wallace®* 20 TON

F. Pintle Hook Mount

- Continuous welds
- Black powder coat finish
- High and low positioning
- Solid shank**
- Welded support bracket
- Accepts PH5, PH8, PH15, PH20***, BH8 or similar pintle hooks
- ** Tubular shank on PM88, PM108, PM25612
- *** Requires drilling

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
						VERTICAL	HORIZONTAL			
	A PH5		5-Ton Pintle Hook	2,000 lbs.	10,000 lbs.	1.75	3.38	0.515	7.5 lbs.	525 (N)
	A PH5WMK	10035	5-Ton Pintle Hook w/Mounting Kit	2,000 lbs.	10,000 lbs.	1.75	3.38	-	8.3 lbs.	525 (N)
	B PH8		8-Ton Pintle Hook	3,200 lbs.	16,000 lbs.	1.75	3.38	0.515	9.0 lbs.	525 (N)
	B PH8WMK	10038	8-Ton Pintle Hook w/Mounting Kit	3,200 lbs.	16,000 lbs.	1.75	3.38	-	9.6 lbs.	525 (N)
	C PH15		15-Ton Pintle Hook	6,000 lbs.	30,000 lbs.	1.75	3.38	0.531	11.0 lbs.	525 (N)
	C PH15WMK	10040	15-Ton Pintle Hook w/Mounting Kit	6,000 lbs.	30,000 lbs.	1.75	3.38	-	11.8 lbs.	525 (N)
	D PH20		20-Ton Pintle Hook	8,000 lbs.	40,000 lbs.	1.75	3.38	0.594	13.1 lbs.	525 (N)
	D PH20WMK	10042	20-Ton Pintle Hook w/Mounting Kit	8,000 lbs.	40,000 lbs.	1.75	3.38	-	13.4 lbs.	525 (N)
	E PH30		30-Ton Pintle Hook	15,000 lbs.	60,000 lbs.	4.50	4.50	0.781	24.0 lbs.	525 (N)

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	SHANK DIMENSIONS	PLATE DIMENSIONS	PAIRS OF HOLES	M.V.L.	M.G.T.W.	HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
								VERTICAL	HORIZONTAL			
	F PM84		2" x 9"	5" x 3.75"	2	4,000 lbs.	20,000 lbs.	1.75	3.38	0.531	12.0 lbs.	544 (N)
	F PM87	10033	2" x 9"	5" x 7.38"	4	2,000 lbs.	10,000 lbs.	1.75	3.38	0.531	15.0 lbs.	544 (N)
	F PM88		2" x 9"	5" x 7.38"	4	2,000 lbs.	10,000 lbs.	1.75	3.38	0.515	9.8 lbs.	544 (N)
	F PM105		2" x 10.25"	5" x 5.75"	3	2,800 lbs.	14,000 lbs.	1.75	3.38	0.531	16.0 lbs.	544 (N)
	F PM107		2" x 10.25"	5" x 7.38"	4	2,000 lbs.	10,000 lbs.	1.75	3.38	0.531	17.0 lbs.	544 (N)
	F PM108		2" x 10.25"	5" x 7.38"	4	2,000 lbs.	10,000 lbs.	1.75	3.38	0.531	10.0 lbs.	544 (N)
	F PM812	10032	2" x 12.25"	5" x 12.50"	7	2,000 lbs.	10,000 lbs.	1.75	3.38	0.531	24.0 lbs.	544 (N)
	F PM1012		2" x 14.5"	5" x 12.50"	7	2,000 lbs.	10,000 lbs.	1.75	3.38	0.531	26.0 lbs.	544 (N)
	F PM25612		2.5 x 12"	5" x 6.13"	3	3,200 lbs.	16,000 lbs.	1.75	3.38	0.531	12.0 lbs.	544 (N)

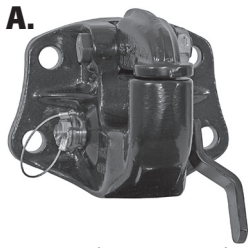
ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	CONTAINS	WEIGHT	CAT.
8520	Mounting Kit used w/PH5, PH8, PH15, BH8	(4) 1/2" x 2" long Gr. 8 cap screws; (4) 1/2" Gr. 8 hex nuts; (4) 1/2" heavy lock washers; (4) 1/2" flat washers	0.75 lbs.	525-1 (N)
8525	Mounting Kit used w/PH20 and BH10	(4) 9/16" x 2 1/2" long Gr. 8 cap screws; (4) 9/16" Gr. 8 hex nuts; (4) 1/2" heavy lock washers	3.0 lbs.	525-1 (N)
8530	Mounting Kit used w/PH30 and PH45	(4) 3/4" x 3 1/2" long Gr. 8 cap screws; (4) 9/16" Gr. 8 hex nuts; (4) 1/2" heavy lock washers	2.8 lbs.	525-1 (N)
3004987	Used w/ PH15 and PH20	1/4" Zinc Plated Safety Pin w/ Lanyard	1.30 lbs.	525-1 (N)
3005013	Used w/ PH15	Special Lanyard Washer, Large	0.12 lbs.	525-1 (N)
3005062	Used w/ PH20	Special Lanyard Washer, Small	0.15 lbs.	525-1 (N)
3013872	Drawbar Gauge	Drawbar Eye Wear Gauge	0.98 lbs.	543 (N)

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TOWING & CARGO CONTROL

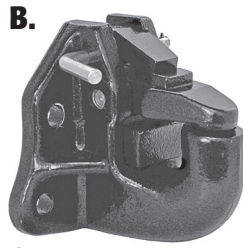
RIGID TYPE PINTLE HOOKS AIR COMPENSATED PINTLE HOOKS



A. Rigid Type Pintle Hook

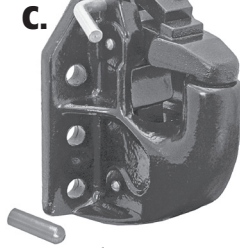
- Austempered ductile iron
- Black powder coat
- Drawbar Eye Dimensions - 2³/₈" to 3" I.D. with 1¹/₄" to 1⁵/₈" diameter section
- Individually boxed
- Include mounting information, spec. sheet, drilling template, & vehicle capacity decal

PH45 compares to Premier® Model 580



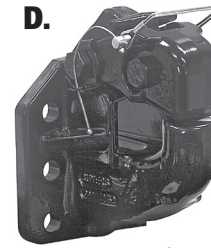
B. 45-Ton Air Compensated Pintle Hook (4 Hole)

- Double-safe locking system with a lock/clasp/impact arm interacting design that combine to prevent release of the eye when air pressure is applied.
- Must be used with a brake chamber
- The air brake chamber is constructed to interact with the closed clasp to prevent uncoupling when air is applied.
- To be used with a lunette eye having an internal diameter between 2³/₈" and 3", and a material cross section between 1¹/₄" and 1³/₄" in diameter.



C. 45-Ton Air Compensated Pintle Hook (6 Hole)

- Double-safe locking system with a lock/clasp/impact arm interacting design that combine to prevent release of the eye when air pressure is applied.
- Must be used with a brake chamber
- The air brake chamber is constructed to interact with the closed clasp to prevent uncoupling when air is applied.
- To be used with a lunette eye having an internal diameter between 2³/₈" and 2⁵/₈", and a material cross section between 1⁵/₈" and 1³/₄" in diameter.



D. - E. 50-Ton Air Compensated Pintle Hook

- Can be utilized with or without the air chamber and plunger
 - Plunger provides minimum clearance with shock absorption
 - Drawbar eye dimensions: 2-3/8" to 3" I.D. with 1-1/4" to 1-5/8" dia. cross section
 - Black Powder Coat Finish
 - Reduce capacity by 25% for off road applications and use with swivel type trailer drawbar.
- PH50 compares to: Wallace® R50-8 & Holland® PH410
PH55 compares to: Wallace® R50-8 & Holland® PH400

ORDERING INFORMATION

PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	*HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
				VERTICAL	HORIZONTAL			
A PH45	45-Ton Pintle Hook	18,000 lbs.	90,000 lbs.	3.00	5.25/6.50	0.75	23.0 lbs.	525 (N)
B P45AC4	45-Ton Air Compensated Pintle Hook (4 Hole)	18,000 lbs.	90,000 lbs.	3.00	5.25/6.50	0.78	26.0 lbs.	525 (N)
B P45AC4K	Includes Pintle Hook, Brake Chamber, and Bracket	18,000 lbs.	90,000 lbs.	3.00	5.25/6.50	0.78	38.4 lbs.	525 (N)
C P45AC6	45-Ton Air Compensated Pintle Hook (6 Hole)	18,000 lbs.	90,000 lbs.	2.38/2.13	5.00	0.78	29.6 lbs.	525 (N)
C P45AC6K	Includes Pintle Hook, Brake Chamber, and Bracket	18,000 lbs.	90,000 lbs.	2.38/2.13	5.00	0.78	42.0 lbs.	525 (N)
D PH50	50-Ton Pintle Hook	20,000 lbs.	100,000 lbs.	2.38/2.13	5.00	0.812	28.90 lbs.	525 (N)
D PH50AC	50-Ton Pintle Hook with Air Chamber & Plunger	20,000 lbs.	100,000 lbs.	2.38/2.13	5.00	0.812	44.80 lbs.	525 (N)
E PH55	50-Ton Pintle Hook	20,000 lbs.	100,000 lbs.	**see below	5.00	0.812	38.60 lbs.	525 (N)
E PH55AC	50-Ton Pintle Hook with Air Chamber & Plunger	20,000 lbs.	100,000 lbs.	**see below	5.00	0.812	54.50 lbs.	525 (N)

*All hole spacing listed in descending order **PH55 family hole spacing 1.06/1.06/2.38/4.25

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
8530	Mounting Kit used with PH45 (contains: (4) 3/4" x 3 1/2" long Gr. 8 cap screws; (4) 3/4" Gr. 8 hex nuts; (4) 3/4" heavy lock washers)	2.8 lbs.	525-1 (N)
3018091	Brake Chamber, Type 24, for P45AC4, P45AC6, and PH50ACMK	9.2 lbs.	525-1 (N)
P45AC4BK	Brake Chamber Bracket for P45AC4	3.2 lbs.	525-1 (N)
P45AC6BK	Brake Chamber Bracket for P45AC6	3.2 lbs.	525-1 (N)
PH50ACMK	Chamber and Plunger Kit for PH50 & PH55	15.9 lbs.	525 (N)
3015603	Chamber Mount Bracket, Zinc for PH50AC & PH55AC	3.34 lbs.	525 (N)
3013872	Drawbar Gauge	0.98 lbs.	543



BC45T24



P45AC4BK



P45AC6BK



PH50ACMK



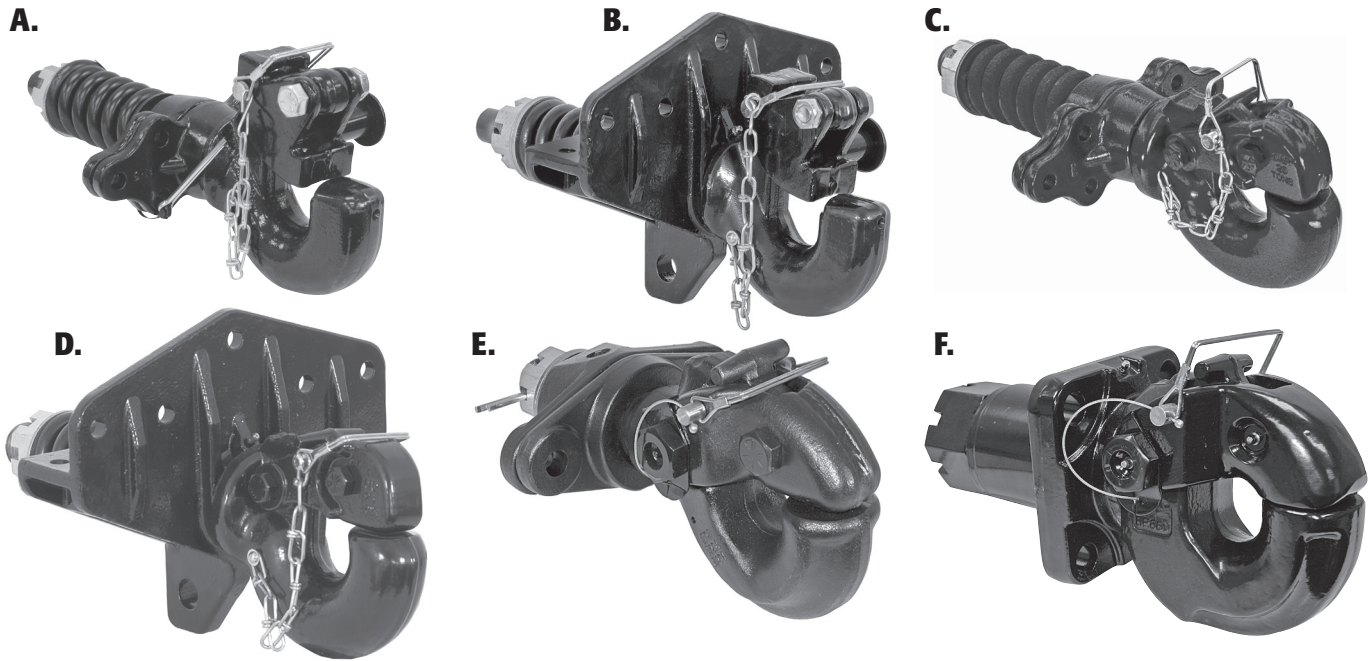
PH55AC

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= Available in Full Color Retail Package

TOWING & CARGO CONTROL

SWIVEL-TYPE PINTLE HOOKS



A. - D. Forged Swivel-Type Pintle Hooks

- Spring cushion
- Swivel action provides torsional relief of the coupling
- Recommended for off-road applications (capacities reduced by 25%)
- Drawbar eye dimensions - 2³/₈" to 3" I.D. with 1¹/₄" to 1⁵/₈" diameter section
- Pintle Hooks are individually boxed and include mounting information, spec. sheet, drilling template, and vehicle capacity decal.

BP100A compares to Holland®* PH-T-100A

BP125A compares to Holland®* PH-T-125A

BP200 compares to Wallace®* 25-TON

BP225 compares to Wallace®* 25-TON

E. 30-Ton Forged Heavy-Duty Swivel-Type Pintle Hooks

- Swivel action provides torsional relief of the coupling
- Drawbar eye dimensions - 3" to 3" I.D. with 1⁵/₈" diameter section
- Pintle hooks are individually boxed and include mounting information, spec. sheet, drilling template, and vehicle capacity decal.

F. 50-Ton Forged Heavy-Duty Swivel-Type Pintle Hooks

- Swivel action provides torsional relief of the coupling
 - Drawbar eye dimensions - 3" ID with 1-5/8" diameter cross section
 - Heavy duty forged construction
 - Black powder coat finish
 - Easily accessible grease fitting
- Compares to Holland®* PH-775SL11 & PH-775-01552; Wallace®* B50 (2051108)

ORDERING INFORMATION

PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	*HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
				VERTICAL	HORIZONTAL			
A BP100A	15-Ton Forged Swivel-Type	6,000 lbs.	30,000 lbs.	4.50/8.00	2.00	0.53	37.0 lbs.	525 (N)
B BP125A	15-Ton Forged Swivel-Type	6,000 lbs.	30,000 lbs.	0.81/2.50/2.69/2.69/2.50	**1.75	-	50.0 lbs.	525 (N)
C BP200	25-Ton Forged Swivel-Type	6,000 lbs.	50,000 lbs.	4.50/8.00	2.00	0.53	38.0 lbs.	525 (N)
D BP225	25-Ton Forged Swivel-Type	6,000 lbs.	50,000 lbs.	0.81/2.50/2.69/2.69/2.50	**1.75	-	47.0 lbs.	525 (N)
E BP760A	30-Ton Forged Swivel-Type	12,000 lbs.	60,000 lbs.	-	6.50	0.781	38.3 lbs.	525 (N)
F BP880	50-Ton Forged Swivel-Type	20,000 lbs.	100,000 lbs.	4.50	4.50	0.94	62.0 lbs.	525 (N)

*All hole spacing listed in descending order, left to right **The center hole is spaced 1.75 above the other holes

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	CONTAINS	WEIGHT	CAT.
8620	Mounting Kit used w/ BP100A, BP200 and BP225	Six 1/2" x 2 1/2" long Gr. 8 cap screws; Six 1/2" Gr. 8 hex nuts; Six 1/2" heavy lock washers	1.30 lbs.	525-1 (N)
3006875	Used w/ BP760A	1/4" Zinc Plated Safety Pin w/ Lanyard	0.15 lbs.	525-1 (N)

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FIFTH WHEEL HITCH KING PINS

A.



FWD24

B.



FWRC-Clip

C.



Fifth Wheel Disk shown with King Pin

A. Fifth Wheel Disks & Clip

- Durable UHMW poly disk w/steel retention clip provides constant lubrication.
- Sold in boxes of 5 only.
- Eliminates the need for 5th wheel plate grease & time consuming cleaning.
- Large surface area provides extra towing protection.

B. Trailer King Pins

- Forged from AISI 8630 steel & heat treated to create & maintain a hardness of 302-363 BHN.
- 150,000 P.S.I. in ultimate strength (which meet or exceed the performance specs. set by SAE)
- Must be replaced if worn in any area more than 1/8"

C. King Pin Lock

- Cast Steel Construction
- Quick Assembly/Disassembly

KING PIN INFORMATION

The precise heat treating process allows us to offer all of these king pins at a performance level that maximizes hardness and still maintains impact resistance. These king pins are easily weldable due to design and material. The 8630 steel provides for good material weldability, saving time and money in installation and replacement.

ORDERING INFORMATION

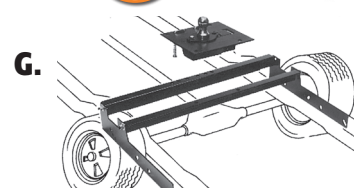
	PART NO.	DESCRIPTION	WEIGHT	CAT.
NEW	A FWD24	Fifth Wheel Disk (24" x .185" thick) w/ steel clip	4.25 lbs.	546 (N)
	A FWD32	Fifth Wheel Disk (32" x .185" thick) w/ steel clip	5.11 lbs.	546 (N)
	A FWD36	Fifth Wheel Disk (36" x .185" thick) w/ steel clip	6.51 lbs.	546 (N)
	A FWRC	Fifth Wheel Retention Clip, Steel	0.11 lbs.	546 (N)

ORDERING INFORMATION

	PART NO.	DESCRIPTION	BOLSTER PLATE THICKNESS	BOLSTER PLATE THICKNESS	WEIGHT	CAT.
	B KP20025	2" Forged SAE King Pin	.25"	2.875"	12.5 lbs.	535 (Y)
	B KP20031	2" Forged SAE King Pin	.31"	2.875"	12.5 lbs.	535 (Y)
	B KP20038	2" Forged SAE King Pin	.38"	2.875"	12.5 lbs.	535 (Y)
	B KP20050	2" Forged SAE King Pin	.50"	2.875"	12.5 lbs.	535 (Y)
B.P.P.	C KPL200	2" King pin Lock	-	-	4.17 lbs.	535 (Y)

TOWING & CARGO CONTROL

GOOSENECK HITCHES & COUPLER



A. Gooseneck Flip Ball Hitch

- 2-5/16" Hitch Ball
- 30,000 lbs. M.G.T.W.
- Includes vehicle specific mount (not shown)
- Underbed design
- Requires only a 4" hole in bed

E. Gooseneck Coupler

- Cast steel design
- Fits 2 5/16" towing ball
- Used with 4" or 4 1/2" round or square pipe
- Grade 8 hardware included
- Tested to SAE J2638

B. Gooseneck Extender

- 2 5/16" towing ball
- 4" offset
- Zinc plated, yellow

C. Gooseneck Ball

- 2 5/16" towing ball

D. Gooseneck Hitch Plate

- 3/8" steel construction
- 2 5/16" towing ball
- Black powder coated for corrosion resistance

F. Gooseneck Retractable Ball Hitch

- 360° locking collar secures the 2-5/16" towing ball when in the open position
- 25,000 M.G.T.W.
- When in the closed position, the towing ball folds away & the locking collar secures flush

G. G9003 Bolt-On Frame Mounting Kit

- No welding required
- Requires less drilling & cutting
- Heavy-Duty construction
- 15,000 lbs. M.G.T.W. cap. (exceeds all pick-up ratings)
- Heavy-Duty Grade 5 hardware included
- Black powder coated
- Gooseneck retractable ball hitch sold separately

ORDERING INFORMATION

PART NO.	YEAR/MODEL	TRUCK MOUNTINGS/DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
A 5613100	GM 2001-2010 GM 2007-2010	2500HD Long/Short Bed (1 Crossmember) 3500 Long/Short Bed (1 Crossmember)	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
A 5613101	GM 2011-2014	2500HD/3500	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
A 5613200	FORD 1999-2010	F250/F350 Long/Short Bed	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
A 5613201	FORD 2011-2014	F250/F350 Long/Short Bed	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
A 5613300	DODGE 2003-2009 DODGE 2010-2012	2500/3500 Long/Short Bed, Gas/Diesel 2500/3500 Long/Short Bed, Diesel ONLY	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
NEW A 5613301	DODGE 2006-2012 DODGE 2010-2012	1500/2500/3500 Megacab, Gas/Diesel 2500/3500 Long/Short Bed, Gas ONLY	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
NEW A 5613302	DODGE 2013	2500 Long/Short Bed, Diesel ONLY	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
NEW A 5613303	DODGE 2013-2014+	3500 Long/Short Bed, AHU Option	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
NEW A 5613304	DODGE 2014+	2500 Long/Short Bed w/Coil Springs, AHU Option	7,500 lbs.	30,000 lbs.	98.0 lbs.	561 (N)
NEW A 5613500	-	Gooseneck Flip Ball Hitch, 2-5/16", Flatbed	7,500 lbs.	30,000 lbs.	25.0 lbs.	561 (N)

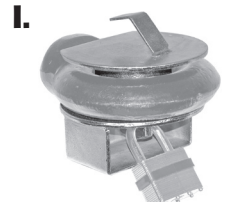
ORDERING INFORMATION

PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
B 5611400	Gooseneck Extender, 2-5/16"	5,000 lbs.	20,000 lbs.	17.5 lbs.	561 (N)
C 3018195	Gooseneck Ball, 2-5/16"	5,000 lbs.	25,000 lbs.	8.4 lbs.	561 (N)
D G9542	2-5/16" Gooseneck Hitch Plate	5,000 lbs.	25,000 lbs.	56.0 lbs.	546 (N)
NEW D 3014981	2-5/16" Gooseneck Hitch Plate w/D-Rings	5,000 lbs.	25,000 lbs.	71.2 lbs.	546 (N)
E 1808010	Gooseneck Coupler	N/A	30,000 lbs.	12.5 lbs.	546 (N)

ORDERING INFORMATION

PART NO.	PKG. PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
F G9003		Gooseneck Retractable Ball Hitch	5,000 lbs.	25,000 lbs.	34.0 lbs.	546 (N)
F G9003UBK	10070	Gooseneck Retractable Ball Hitch w/ U-Bolt Kit	5,000 lbs.	25,000 lbs.	36.4 lbs.	546 (N)
	BRB03	Safety Chain U-Bolt Kit for G9003 Series	5,000 lbs.	25,000 lbs.	2.3 lbs.	546 (N)
PART NO.	YEAR/MODEL	TRUCK MOUNTINGS			WEIGHT	CAT.
G 09001016	1999-2006 Chevy/GMC	1500, 2500 & 2500HD, Does NOT include 3500, cab/chassis models or duallies			81.0 lbs.	546 (N)
	2001-2006 Chevy/GMC	3500, Does NOT include cab/chassis models			81.0 lbs.	546 (N)
	2007 Chevy/GMC	1500 Chassis style only			81.0 lbs.	546 (N)
	2007-2011* Chevy/GMC	2500 & 3500HD			81.0 lbs.	546 (N)
G 09001023	2005-2011 Ford	F250 & F350 Super Duty Pickup			54.0 lbs.	546 (N)

* Factory installed brake controller (07 and newer), if equipped, may need to be relocated



A. 4-Bolt Mount Drawbar

- Alloy steel forging
- Black powder coat finish
- Welded to 4 hole square mounting plate
- 4½" Square hole pattern

B. Forged 4-Bolt Mount Drawbar

- One piece forged design for safety & capacity
- Alloy steel forging
- Black powder coat finish
- 4 hole square mounting plate

C. Trailer Nose Plate

- Accepts standard 4½" square bolt pattern found on most drawbars
- 3 mounting positions
- TNP716625750 is used with BDB125015 and similar drawbars.
- TNP716750100 is used with BDB1385 and similar drawbars.

D. Cast Steel Drawbar

- Cast Steel

E. Forged Steel Drawbar

- C1020 steel forged drawbar

F. Forged Steel Drawbar

- Bolt on drawbar

G. Forged Alloy Steel Drawbar w/ Nut

- Alloy steel forging
- Includes nut, cotter pin, and washer

H. Forged Lunette Eye

- Forged Steel

I. Drawbar Lock

- Zinc Plated
- Fits all 2½" - 3" lunette eyes
- 21/32" hole accept most ½" dia. padlocks
- Shown w/drawbar & lock (not included)

ORDERING INFORMATION

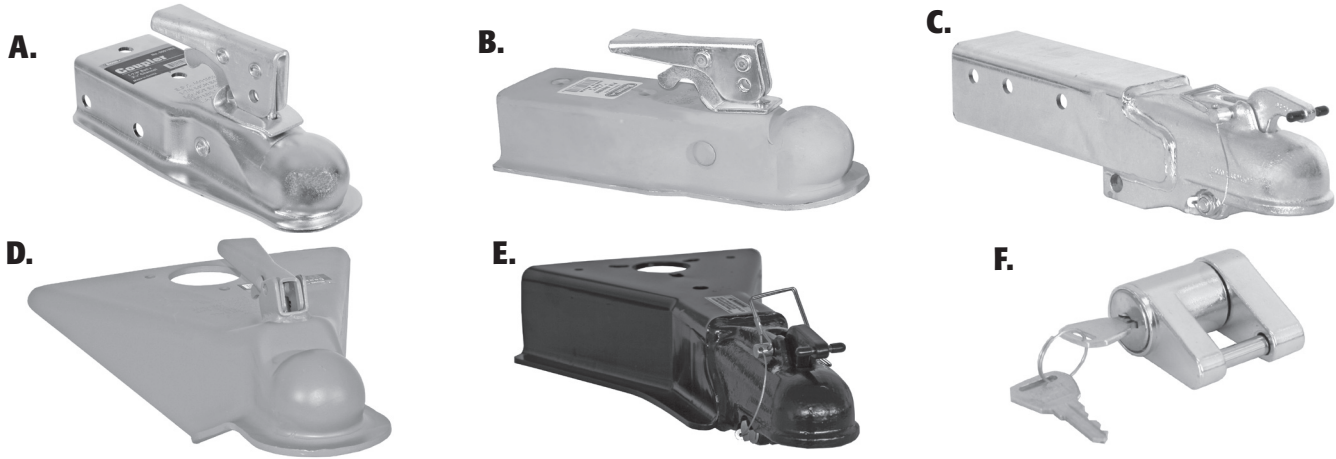
	PART NO.	PKG. PART NO.	DESCRIPTION	I.D. EYE	O.D. EYE	SECTION DRAWBAR	M.V.L.	M.G.T.W.	*HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
									VERTICAL	HORIZONTAL			
	A BDB125015W		Welded 4-Bolt Mount	2½"	5½"	1½"	7,000 lbs.	42,000 lbs.	4.50	4.50	0.656	14.0 lbs.	527 (N)
	B BDB125015	10060	Forged 4-Bolt Mount	2½"	5½"	1½"	7,000 lbs.	42,000 lbs.	4.50	4.50	0.656	17.1 lbs.	527 (N)
	B BDB1385		Heavy-Duty Forged 4-Bolt Mount	3"	6.24"	1-5/8"	15,000 lbs.	60,000 lbs.*	4.50	4.50	0.78	20.0 lbs.	527 (N)
NEW	B BDB13850Z		Heavy-Duty Forged 4-Bolt Mount Zinc plated, clear	3"	6.24"	1-5/8"	15,000 lbs.	60,000 lbs.*	4.50	4.50	0.78	20.0 lbs.	527 (N)
	B BDB1394		Heavy-Duty Forged 4-Bolt Mount	3"	6.24"	1-5/8"	19,000 lbs.	90,000 lbs.	4.50	4.50	0.78	20.0 lbs.	527 (N)
	C TNP716625750		Trailer Nose Plate (¾" thick)	N/A	N/A	N/A	N/A	N/A	4.50	4.50	0.656	24.0 lbs.	527 (N)
	C TNP716750100		Trailer Nose Plate (1" thick)	N/A	N/A	N/A	N/A	N/A	4.50	4.50	0.656	32.0 lbs.	527 (N)
	D 3005129		Cast Steel Drawbar	2½"	4½"	1"	N/A	11,000 lbs.	N/A	N/A	N/A	4.5 lbs.	527 (N)
NEW	E LW10		Forged Steel	2½"	4½"	1"	1,000 lbs.	10,000 lbs.	N/A	N/A	N/A	4.0 lbs.	527 (N)
	E LW20		Forged Steel	3"	6¼"	3-3/8 x 1¼"	4,000 lbs.	20,000 lbs.	N/A	N/A	N/A	12.52 lbs.	527 (N)
	F BDB12281		Forged Steel	2½"	5½"	1¼" x 1½"	4,000 lbs.	20,000 lbs.	N/A	N/A	N/A	20.25 lbs.	527 (N)
	F BDB1235		Forged Steel	3"	6¼"	1-5/8"	7,000 lbs.	35,000 lbs.	N/A	N/A	N/A	42.00 lbs.	527 (N)
	F BDB1238		Forged Alloy Steel	3"	6¼"	1-5/8"	4,500 lbs.	22,000 lbs.	N/A	N/A	N/A	27.00 lbs.	527 (N)
	F BDB1245		Forged Steel	2.38"	5.64"	1-5/8"	8,000 lbs.	40,000 lbs.	N/A	N/A	N/A	42.00 lbs.	527 (N)
	G BDB12503	10063	Forged Alloy Steel w/Nut	2½"	5½"	1¼" x 1½"	3,000 lbs.	15,000 lbs.	N/A	N/A	N/A	9.0 lbs.	527 (N)
	G BDB12492H		Forged Alloy Steel w/Nut	3"	6¼"	1-5/8"	9,000 lbs.	45,000 lbs.	N/A	N/A	N/A	16.0 lbs.	527 (N)
	H LW625		Forged Lunette Eye	3"	5"	1"	N/A	N/A	N/A	N/A	N/A	2.9 lbs.	527 (N)
	H LW847		Forged Lunette Eye	3"	6¼"	1-5/8"	N/A	N/A	N/A	N/A	N/A	9.0 lbs.	527 (N)
	I BDL253	BDL253	Drawbar Lock	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.5 lbs.	527 (N)

*90,000 lb. capacity for hinged tongue trailers where there is a negligible tongue load (500 lbs. max)

= Available in Full Color Retail Package

TOWING & CARGO CONTROL

STRAIGHT TONGUE COUPLERS A-FRAME COUPLERS



A. - B. Straight Tongue Couplers

- 2" 2½", or 3" Channel
- Can be bolted or welded to trailer frame

C. HD Straight Tongue Couplers

- Auto engage latch
- Easy one hand operation
- 3" channel welded to coupler
- Cast steel coupler
- Zinc & clear chromate finish

D. A-Frame Trailer Couplers

- 50° A-Frame design
- Predrilled for round jack mounting

E. HD Cast Coupler with A-Frame

- Auto engage latch
- Easy one hand operation
- 50° A-Frame design
- Predrilled for round jack mounting
- Black powder coat finish

F. Coupler Latch Lock

- ¼" Diameter steel pin x ¾" adjustable travel
- Solid cast metal, zinc plated
- Includes 2 keys
- Secures trailer on & off truck
- Retail packaging

ORDERING INFORMATION

	PART NO.	DESCRIPTION	M.G.T.W.	CLASS	WEIGHT	CAT.
A	0091050	Coupler, 1⅞" Ball x 2" Channel	2,000 lbs.	1	2.56 lbs.	534 (N)
A	0091050ZY	Coupler, 1⅞" Ball x 2" Channel, Zinc Yellow	2,000 lbs.	1	2.56 lbs.	534 (N)
A	0091052	Coupler 1⅞" Ball x 2½" Channel, Zinc	2,000 lbs.	1	2.90 lbs.	534 (N)
A	0091055	Coupler, 1⅞" Ball x 3" Channel	2,000 lbs.	1	2.66 lbs.	534 (N)
A	0091058	Coupler, 2" Ball x 2" Channel	3,500 lbs.	2	4.0 lbs.	534 (N)
A	0091058Z	Coupler, 2" Ball x 2" Channel, Zinc Plated	3,500 lbs.	2	4.0 lbs.	534 (N)
A	0091060	Coupler, 2" Ball x 2½" Channel, Grey Primer	3,500 lbs.	2	4.38 lbs.	534 (N)
A	0091065	Coupler, 2" Ball x 3" Channel	3,500 lbs.	2	4.50 lbs.	534 (N)
B	0091061	Coupler, 2" Ball x 2½" Channel, No Holes, Primer	3,500 lbs.	2	4.38 lbs.	534 (N)
C	0091560	Heavy-Duty 2" Cast Coupler w/3" Channel, Zinc & Clear Chromate Finish	10,000 lbs.	4	15.0 lbs.	543 (N)
C	0091562	Heavy-Duty 2⅝" Cast Coupler w/3" Channel, Zinc & Clear Chromate Finish	15,000 lbs.	4	15.0 lbs.	543 (N)
D	0091091	A-Frame Coupler, 2" Ball	5,000 lbs.	3	6.70 lbs.	534 (N)
D	0091097	A-Frame Coupler, 2⅝" Ball	10,000 lbs.	4	8.38 lbs.	534 (N)
E	0091595	Heavy-Duty 2⅝" Cast Coupler, Black, w/A-Frame	15,000 lbs.	4	25.0 lbs.	543 (N)
F	BCL500	Coupler Lock, ¼" Pin x ¾" Span	-	-	0.40 lbs.	529 (Y)

COMPARABLE COUPLER PART NO.

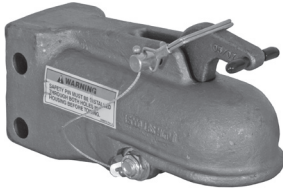
BUYERS	ATWOOD®	DUTTON-LAINSON®	FULTON®	SHELBY®
0091050	—	940P-1	11200	5128
0091055	—	970P-1	11300	5131
0091058	—	982P-2	22250	5111
0091060	80051	985P-2	22300	5135

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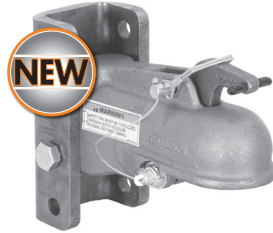
ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
5340178	Straight Tongue Coupler Repair Kit, used w/1⅞" Ball	1.03 lbs.	534 (N)
5340200	Straight Tongue Coupler Repair Kit, used w/2" Ball	1.08 lbs.	534 (N)

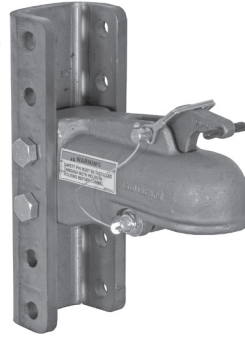
A.



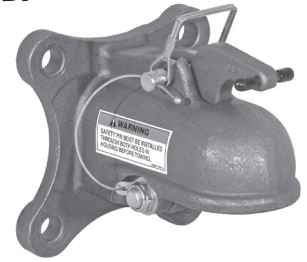
B.



C.



D.



A. - D. Cast Couplers

- Heavy-duty cast steel construction.
- Auto-engage latch.
- Easy one-hand operation.
- Can be pinned open for ease of coupling.
- Multiple mounting configurations available: heavy-duty 3-position or 5-position channel, bolt-on, one-piece channel
- Order complete assembly or individual components.

ORDERING INFORMATION

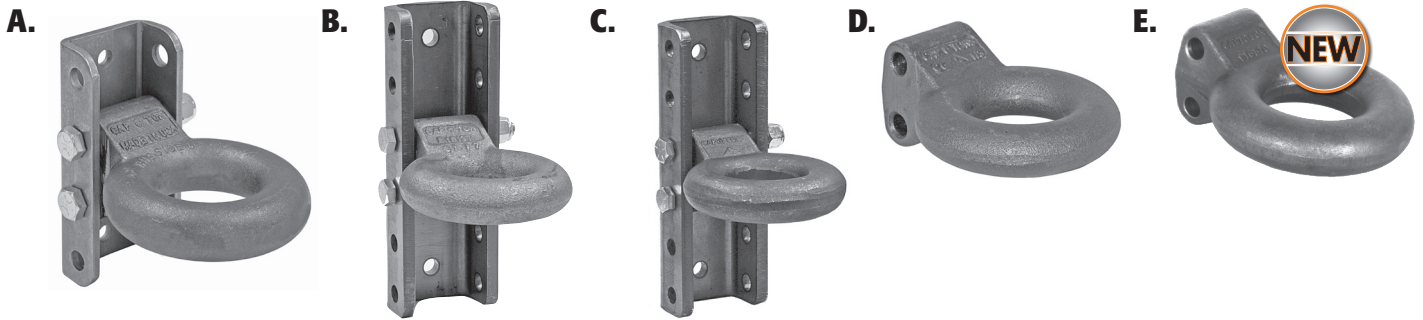
PART NO.	DESCRIPTION	MOUNT STYLE	M.G.T.W.	WEIGHT	CAT.
A 0091540	Heavy-Duty Cast Coupler, 2"	Channel	10,000 lbs.	13.9 lbs.	543 (N)
A 0091550	Heavy-Duty Cast Coupler, 2 ⁵ / ₁₆ "	Channel	15,000 lbs.	13.0 lbs.	543 (N)
NEW B 0091543	Heavy-Duty Cast Coupler, 2" w/3-Position Channel and Fasteners	Channel	10,000 lbs.	22.4 lbs.	543 (N)
B 0091553	Heavy-Duty Cast Coupler, 2 ⁵ / ₁₆ " w/3-Position Channel and Fasteners	Channel	15,000 lbs.	22.0 lbs.	543 (N)
C 0091545	Heavy-Duty Cast Coupler, 2" w/5-Position Channel and Fasteners	Channel	10,000 lbs.	28.9 lbs.	543 (N)
C 0091555	Heavy-Duty Cast Coupler, 2 ⁵ / ₁₆ " w/5-Position Channel and Fasteners	Channel	15,000 lbs.	28.0 lbs.	543 (N)
D 0091558	2 ⁵ / ₁₆ " Heavy Duty One Piece Cast Coupler	4 ¹ / ₂ " Sq. Hole Pattern, 0.656 Hole Size	15,000 lbs.	12.0 lbs.	543 (N)

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
B8978	3-Position Channel Only; used w/ 0090150, 0090100, 0091005, & B16137	9.06 lbs.	527 (N)
B8979	5-Position Channel w/ Weld Gussets; used w/ 0090150, 0090100, 0091005, & B16137	15.0 lbs.	543 (N)
B9020	Bolt & Nut Kit (2 each) 5/8-11 x 4 ¹ / ₂ GR 8; used w/ B8978, B8979	1.0 lbs.	543 (N)
B9021	Bolt & Nut Kit (2 each) 5/8-11 x 5 GR 8; used w/ B9909 and B9912	1.0 lbs.	543 (N)
B9909	Heavy-Duty 3-Position Channel w/ Weld Gussets; used w/ 0091550	9.06 lbs.	527 (N)
B9912	Heavy-Duty 5-Position Channel w/ Weld Gussets; used w/ B16137, B20135	12.1 lbs.	543 (N)

TOWING & CARGO CONTROL

TRAILER COUPLERS ADJUSTABLE EYE ASSEMBLY



A. - C. Adjustable Eye Assembly

- Ductile cast iron eye
- Formed steel channel*
- 3" I.D. eye
- 1⁵/₁₆" eye section
- Eye Capacity: 2,000 lbs. M.V.L., 14,000 lbs. M.G.T.W.
- *B20135 includes heavy-duty structural channel

D. - E. 7 & 10 Ton Cast Eyes

- Ductile cast iron eye
- HD Structural steel channel
- 3" I.D. eye
- 1⁵/₁₆" eye section
- Eye Capacity: 2,000 lbs. M.V.L., 20,000 lbs. M.G.T.W.

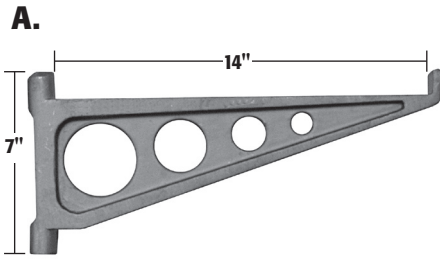
ORDERING INFORMATION

NEW

	PART NO.	PKG. PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
	A B18128	10066	Adj. Eye Assy. w/3-Position 3" Channel & Fasteners	2,000 lbs.	12,000 lbs.	14.5 lbs.	543 (N)
	A B18135		Adj. Eye Assy. w/5-Position 3" Channel, Fasteners & Gussets	2,000 lbs.	12,000 lbs.	19.25 lbs.	543 (N)
	B B20143		Adj. Eye Assy. w/3-Position 3" Channel, Fasteners & Gussets	2,000 lbs.	20,000 lbs.	21.5 lbs.	543 (N)
	B B20145		Adj. Eye Assy. w/5-Position 3" Channel, Fasteners & Gussets	2,000 lbs.	20,000 lbs.	25.5 lbs.	543 (N)
	C B20135		Adj. Eye Assy. w/5-Position HD 3" Channel, Fasteners & Gussets	2,000 lbs.	14,000 lbs.	26.58 lbs.	543 (N)
	D B16137		7-Ton Cast Eye, 3" ID	2,000 lbs.	14,000 lbs.	11.0 lbs.	543 (N)
	D B16137BK		7-Ton Cast Eye, 3" ID, Black Powder Coat, used w/3" Channel	2,000 lbs.	14,000 lbs.	11.0 lbs.	543 (N)
	D B16137Z		7-Ton Cast Eye, 3" ID, Zinc Plated, used w/3" Channel	2,000 lbs.	14,000 lbs.	11.0 lbs.	543 (N)
	E B16140		10-Ton Forged Eye, 3" ID, used w/3" Channel	2,000 lbs.	20,000 lbs.	12.0 lbs.	543 (N)
NEW	E B16140Z		10-Ton Forged Eye, 3" ID, used w/3" Channel, Zinc Plated, Clear	2,000 lbs.	20,000 lbs.	12.0 lbs.	543 (N)

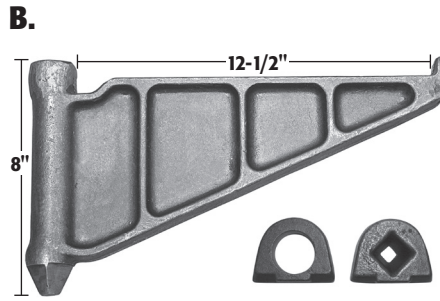
ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
0091015	Adjustable Cast Coupler Repair Kit, used w/0091005	2.5 lbs.	543 (N)
B8978	3-Position Channel Only; used w/0090150, 0090100, 0091005, & B16137	9.06 lbs.	527 (N)
B8979	5-Position Channel w/Weld Gussets; used w/0090150, 0090100, 0091005, & B16137	15.0 lbs.	543 (N)
B9020	Bolt & Nut Kit (2 each) 5/8-11 x 4 ¹ / ₂ GR 8; used w/B8978, B8979	1.0 lbs.	543 (N)
B9021	Bolt & Nut Kit (2 each) 5/8-11 x 5 GR 8; used w/B9909, B9912, B20143, & B20745	1.0 lbs.	543 (N)
B9909	Heavy-Duty 3-Position Channel w/Weld Gussets; used w/0091550 & B20143	9.06 lbs.	527 (N)
B9912	Heavy-Duty 5-Position Channel w/Weld Gussets; used w/B16137 & B20135	12.1 lbs.	543 (N)



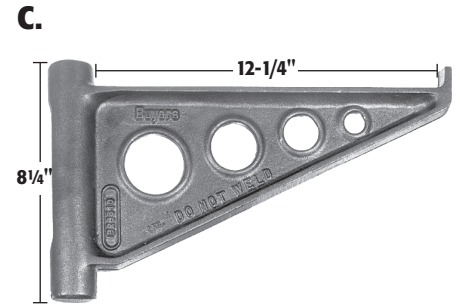
A. 7" Removable Outrigger

- Cast steel construction
- Brackets sold separately (see below)



B. Forged Steel Outrigger

- Forged carbon steel
- Includes upper and lower mounting brackets
- Designed to allow for indexing at 90° angles
- 3 Locking positions



C. Ductile Iron Outrigger

- 100-70-03 ductile iron
- Increase trailer width 12" per side
- Brackets sold separately (see below)

ORDERING INFORMATION

PART NO.	DESCRIPTION	CAPACITY	WEIGHT	CAT.
A B23505	Removable Outrigger (Brackets Sold Separately)	5,000 lbs.	7.0 lbs.	520 (N)
B B23515	Forged Steel Outrigger w/ Brackets	5,000 lbs.	17.1 lbs.	520 (N)
C B23510	Ductile Iron Outrigger (Brackets Sold Separately)	5,000 lbs.	10.0 lbs.	520 (N)



B23505LH

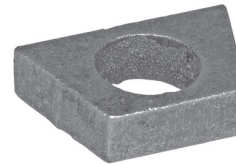


B23505RH

Shown with 66053 Snapper Pin (Sold Separately)



B2351001



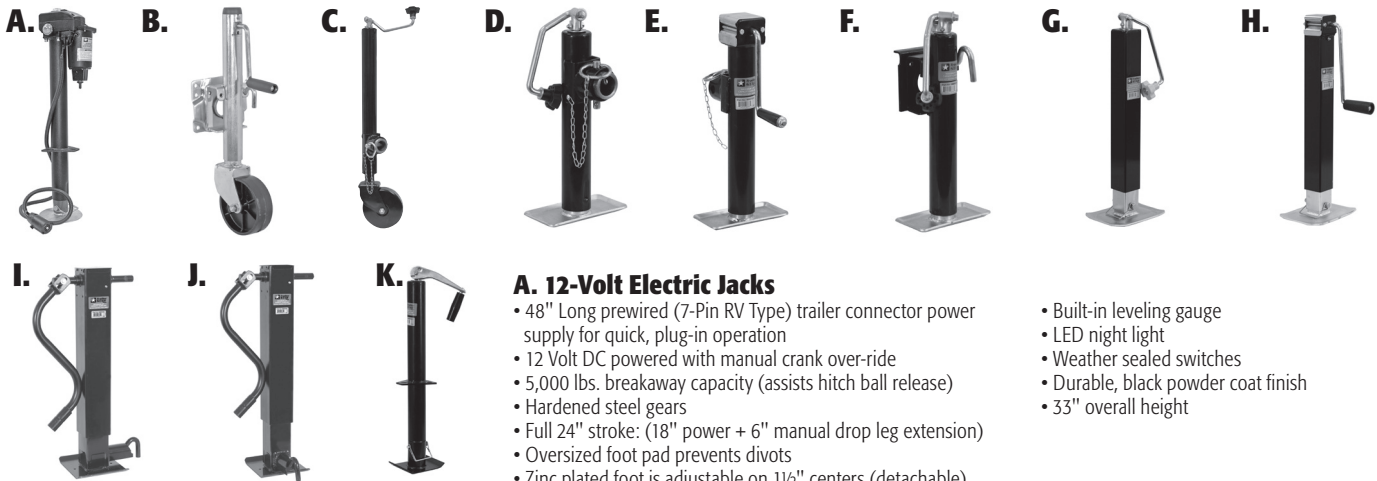
B2351002

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT EACH	CAT.
B23505LH	Left Hand Outrigger Bracket; used w/ B23505	3.8 lbs.	520 (N)
B23505RH	Right Hand Outrigger Bracket; used w/ B23505	3.8 lbs.	520 (N)
B2351001	Bracket, welds to flange of beam; used w/ B23510 (2 required)	0.75 lbs.	520 (N)
B2351002	Bracket, welds to web of beam; used w/ B23510 (2 required)	1.75 lbs.	520 (N)
66053	Snapper Pin, 5/16" x 2.75" (sold separately)	0.11 lbs.	518 (N)

TOWING & CARGO CONTROL

JACKS



A. 12-Volt Electric Jacks

- 48" Long prewired (7-Pin RV Type) trailer connector power supply for quick, plug-in operation
- 12 Volt DC powered with manual crank over-ride
- 5,000 lbs. breakaway capacity (assists hitch ball release)
- Hardened steel gears
- Full 24" stroke: (18" power + 6" manual drop leg extension)
- Oversized foot pad prevents divots
- Zinc plated foot is adjustable on 1½" centers (detachable)

- Built-in leveling gauge
- LED night light
- Weather sealed switches
- Durable, black powder coat finish
- 33" overall height

B. Swing-Away Marine Jack

- 14¾" Retracted, 24¾" Extended
- 14¾" Mount height
- 6" Wheel
- Bolt-on mounting bracket fits up to 3" x 5" trailer frame
- All mounting hardware included
- Zinc finish

C. Tube Jack-Swivel Mount with Wheel

- Steel Wheel

D. Tube Jack-Swivel Mount

I. 4" HD Square Jack

- Spring return, w/ side pin
- Black Powder Coat Finish

E. Tube Jack-Swivel Mount

J. 4" HD Square Jack

- Spring return, w/ front pin
- Black Powder Coat Finish

F. Bracket Jack-Swivel Mount

K. A-Frame Jack

G. - H. Tube Jack-2½" Square

ORDERING INFORMATION

	PART NO.	DESCRIPTION	CAPACITY	TRAVEL	WIND	WEIGHT	CAT.
A	0093500	12-Volt Electric Jack, Black	3,500 lbs.	24"/18"	Top	22.00 lbs	533 (N)
B	0091610	Swing-Away Marine Jack	1,000 lbs.	10"	Side	14.00 lbs	533 (N)
B	3016881	Replacement Wheel for 0091610	—	—	—	1.0 lbs.	533 (N)
C	0091217	Tube-Swivel with Steel Wheel	2,000 lbs.	15"	Top	19.0 lbs.	533 (N)
D	0091205	Tube-Swivel	2,000 lbs.	10"	Top	11.14 lbs.	533 (N)
D	0091215	Tube-Swivel	2,000 lbs.	15"	Top	14.22 lbs.	533 (N)
E	0091220	Tube-Swivel	5,000 lbs.	10"	Side	13.26 lbs.	533 (N)
F	0091210	Bracket-Swivel	2,000 lbs.	10"	Top	11.82 lbs.	533 (N)
F	0091225	Bracket-Swivel	2,000 lbs.	15"	Top	14.88 lbs.	533 (N)
G	0091310	2½" Square Tube Jack	7,000 lbs.	26"	Top	12.50 lbs.	533 (N)
H	0091340	2½" Square Tube Jack	7,000 lbs.	26"	Side	12.50 lbs.	533 (N)
I	0091410H	4" Sq. HD, Side Pin Jack w/Handle	10,000 lbs. Dynamic*	12" screw travel w/14" adj.	Side	64.40 lbs.	533 (N)
I	0091410	4" Sq. HD, Side Pin Jack, less Handle	10,000 lbs. Dynamic*	12" screw travel w/14" adj.	Side	61.00 lbs.	533 (N)
J	0091415H	4" Sq. HD, Front Pin Jack w/Handle	10,000 lbs. Dynamic*	12" screw travel w/14" adj.	Side	64.40 lbs.	533 (N)
J	0091415	4" Sq. HD, Front Pin Jack, less Handle	10,000 lbs. Dynamic*	12" screw travel w/14" adj.	Side	61.00 lbs.	533 (N)
	0091405H	Handle for 0091410 & 0091415	—	—	—	3.40 lbs	533 (N)
	3020913	Weld-on Replacement clip for 0091405H	—	—	—	0.20 lbs.	533 (N)
K	0091260	A-Frame, Includes Support Foot	2,000 lbs.	15"	Top	12.78 lbs.	533 (N)
K	0091261	A-Frame, Jack Only	2,000 lbs.	15"	Top	11.44 lbs.	533 (N)
K	0091265	A-Frame, Includes Support Foot	5,000 lbs.	15"	Top	12.84 lbs.	533 (N)
K	0091266	A-Frame, Jack Only	5,000 lbs.	15"	Top	11.44 lbs.	533 (N)

*12,000 lbs. Static

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
0091262	Replacement Handle for 0091205, 0091215, 0091220, 0091210, 0091225	0.82 lbs.	533 (N)
0091263	Replacement Handle for 0091260, 0091261, 0091265, 0091266	0.71 lbs.	533 (N)
0091405H	Replacement Handle for 0091410H, 0091410, 0091415H, 0091415	3.4 lbs.	533 (N)

All replacement handles come with mounting hardware



A. Class 2 Multi-Fit Hitch Receiver

- Fits Pickups, Vans, SUVs
- Telescopic 2-Bolt Assembly
- No welding require
- Corrosion resistant black epoxy finish
- High strength grade 8 hardware included
- Fits class 2 1 1/4" ball mounts

B. Class 3 Multi-Fit Hitch Receiver

- Accepts all 2" hitch accessories
- Includes all hardware required for installation
- Black powder coat finish

C. Class 4 Multi-Fit Hitch Receiver

- Accepts all 2" hitch accessories
- Hide away design
- Black powder coat finish
- Includes all hardware required for installation
- Complies w/ SAE J648 & V-5 Standards for Class 4 Hitches

D. Class 4 Service Body Hitch Receiver

- Accepts all 2" hitch accessories
- HD design for Stahl® service bodies
- Black powder coat finish
- 1801053 short hitch receiver fits Challenger®, recessed bumper; 1801055 long hitch receiver fits Challenger®, Grand Challenger®

E. Trailer Accessory Receiver

- For use with 2" receiver-mounted accessories (not for towing)
- Universal fit; 6 1/2 ft. (78 in.) wide
- Black powder coat finish
- Mounting kit included (drilling required)
- Ships in two pieces, Receiver (bulk) and Mounting Kit (boxed)

◆ see buyersproducts.com for application guide ◆

ORDERING INFORMATION

PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
A 1801000	Class 2 Multi-Fit Hitch Receiver	350 lbs.	3,500 lbs.	31.0 lbs.	532 (Y)
B 1801020	Class 3 Multi-Fit Hitch Receiver	750 lbs.*	7,500 lbs.*	45.4 lbs.	532 (Y)
C 1801005	Class 4 Multi-Fit Hitch Receiver	750 lbs.**	7,500 lbs.**	51.0 lbs.	532 (Y)
D 1801053	Class 4 Service Body Short Hitch Receiver	1,000 lbs.	10,000 lbs.	65.0 lbs.	532 (Y)
D 1801055	Class 4 Service Body Long Hitch Receiver	1,000 lbs.	10,000 lbs.	65.5 lbs.	532 (Y)
E 1801120	Trailer Accessory Receiver	N/A	N/A	70.0 lbs.	532 (Y)

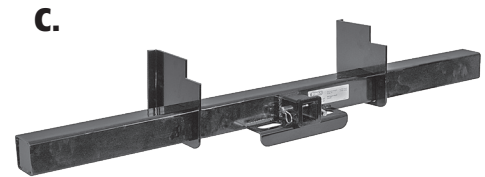
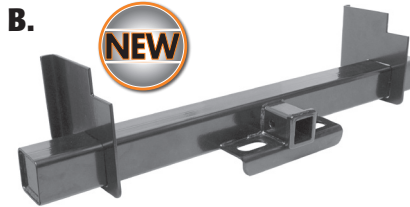
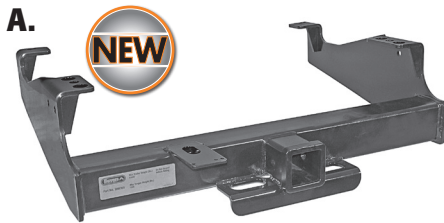
* Weight Distributing rating. Standard rating: 500 lbs. M.V.L., 5,000 lbs. M.G.T.W.

** Weight Distributing rating. Standard rating: 600 lbs. M.V.L., 6,500 lbs. M.G.T.W.

¹ Buyers Products is not authorized by nor affiliated with the manufacturer of Stahl® products.

TOWING & CARGO CONTROL

CLASS 5 HITCH RECEIVERS



A. Class 5 Hitch Receivers

- HD design for Dodge, Ford & GM
- Black powder coat finish
- Available with 2" or 2½" tube
- Includes 5/8" hitch pin with cotter
- Includes all hardware required for installation
- Available for use on cut-away service bodies

B. Class 5 Unimount Service Body Hitch Receiver

- Available with 2" or 2½" tube
- HD design for service bodies
- Width: 44"
- Black powder coat finish
- Includes 5/8" hitch pin with cotter
- Includes mounting plates
- Available without brackets
- Available unpainted

C. Class 5 Unimount Platform Body Hitch Receiver

- Accepts all 2" hitch accessories
- HD design for platform bodies
- Width: 62" (extended length)
- Black powder coat finish
- Includes 5/8" hitch pin with cotter
- Includes mounting plates

◆ see buyersproducts.com for application guide ◆

ORDERING INFORMATION

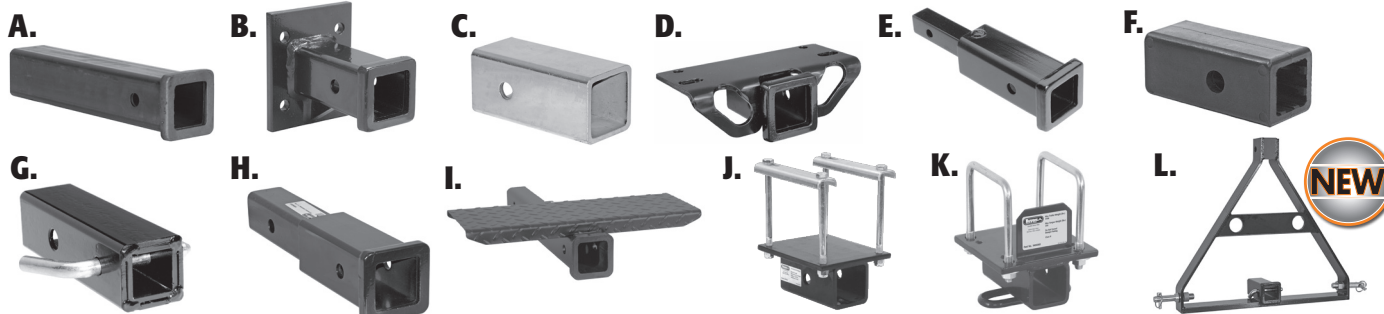
	PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	WEIGHT	CAT.
	A 1801110	Class 5 2" Hitch Receiver for GM 3500 Cab & Chassis, 2011+	1,600 lbs.	16,000 lbs.	65.8 lbs.	532 (Y)
	A 1801118	Class 5 2" Hitch Receiver for GM 2500/3500 Pickup, 2011+	1,600 lbs.	16,000 lbs.	73.1 lbs.	532 (Y)
	A 1801208A	Class 5 2" Hitch Receiver for Ford Cab & Chassis F350, 09+	1,600 lbs.	16,000 lbs.	62.0 lbs.	532 (Y)
	A 1801212	Class 5 2" Hitch Receiver for Ford Cab & Chassis F250/F350, 08+	1,700 lbs.	17,000 lbs.	57.9 lbs.	532 (Y)
	A 1801301	Class 5 2" Multi-Fit Hitch Receiver for Dodge, Ford & GM	1,600 lbs.*	16,000 lbs.*	64.0 lbs.	532 (Y)
NEW	A 1801400	Class 5 2½" Multi-Fit Hitch Receiver for Ford & GM for use w/cutaway service bodies	1,600 lbs.*	16,000 lbs.*	74.2 lbs.	532 (Y)
NEW	A 1801401	Class 5 2" Multi-Fit Hitch Receiver for Ford & GM for use w/cutaway service bodies	1,600 lbs.*	16,000 lbs.*	72.9 lbs.	532 (Y)
NEW	B 3007450	Class 5 Unimount 2" Service Body Hitch Receiver, 34" Mtg. plates, unpainted	1,600 lbs.	16,000 lbs.	38.0 lbs.	532 (Y)
	B 1801050	Class 5 Unimount 2" Service Body Hitch Receiver, 9" Mtg. plates	1,600 lbs.	16,000 lbs.	48.7 lbs.	532 (Y)
NEW	B 3006909	Class 5 Unimount 2" Service Body Hitch Receiver, without Mtg. plates	1,600 lbs.	16,000 lbs.	39.0 lbs.	532 (Y)
	B 1801050L	Class 5 Unimount 2" Service Body Hitch Receiver, 18.29" Mtg. plates	1,600 lbs.	16,000 lbs.	48.7 lbs.	532 (Y)
	B 1801052	Class 5 Universal 2½" Service Body Hitch Receiver, 9" Mtg. plates	1,600 lbs.	16,000 lbs.	49.2 lbs.	532 (Y)
NEW	B 3018538	Class 5 Universal 2½" Service Body Hitch Receiver, without Mtg. plates	1,600 lbs.	16,000 lbs.	40.0 lbs.	532 (Y)
	C 1801051	Class 5 Unimount 2" Platform Body Hitch Receiver, 9" Mtg. plates	1,600 lbs.	16,000 lbs.	62.0 lbs.	532 (Y)
	C 1801051L	Class 5 Unimount 2" Platform Body Hitch Receiver, 18.29" Mtg. plates	1,600 lbs.	16,000 lbs.	62.0 lbs.	532 (Y)

*Weight Distributing rating. Standard rating: 1,500 lbs. M.V.L., 15,000 lbs. M.G.T.W.

1801050 - 1801051L Unimount Body Hitch Receivers all available without black powder coat finish

TOWING & CARGO CONTROL

RECEIVER TUBES & EXTENSIONS HITCH ADAPTERS & STEP BUMPER HITCH



A. Receiver Tubes

- 1¼", 2", or 2½" receiver tubes
- Cast steel collar on 2"
- Finish options available
- Solid stress collar opening
- 5/8" Hitch pin hole (2" & 2½" tubes); ½" Hitch pin hole (1¼" tubes)
- Can achieve ratings up to 20,000 lbs.

B. Bolt-On Receiver Tube

- 2" Receiver tube welded to ½" thick steel mounting plate
- Std. 4-Hole pintle hook pattern
- Cast steel collar
- Black powder coat finish
- Solid stress collar opening
- 5/8" Hitch pin hole
- Uses hardware kit 8520

C. 2½" to 2" Receiver Tube Adaptor

- Reducer sleeve slides inside 2½" receiver
- Accepts all 2" hitch accessories
- Zinc plated steel
- Rounded corners
- 5/8" Hitch pin hole

D. Step Bumper Hitch

- Fits most full sized trucks with step bumpers
- Accepts many 2" square ball mounts or accessories.
- Black powder coat finish

E. 1¼" to 2" Hitch Adapter

- Converts a 1¼" receiver tube to a 2" hitch
- Ideal for light-duty receiver hitch accessories
- Cast steel collar
- Black powder coat finish
- 5/8" hitch pin hole
- Not rated for towing

F. 2" to 1¼" Hitch Adapter, Poly

- Reducer sleeve slides inside 2" receiver
- Accepts all 1¼" hitch accessories (i.e. bike and cargo carriers)
- Nylon reinforced poly construction
- 5/8" Hitch Pin Hole

Not for towing

G. 2½" to 2" Hitch Adapter, Steel

- Reducer sleeve slides inside 2-1/2" receiver
- Accepts all 2" hitch accessories
- Zinc plated steel
- Rounded corners
- 5/8" Hitch Pin Hole

H.-I. Receiver Extensions

- Extend your receiver by 7", 12", or 18"
- Cast steel collar
- Accepts all 2" hitch accessories
- Black powder coat finish
- 5/8" hitch pin hole
- Reduced hitch capacity
- Step models include 6" x 17" welded steel step with diamond tread

J. RV Bumper Receiver Adapter

- Fits Standard 4" & 4½" Square RV Bumpers
- Zinc Plated Hardware Included
- Ideal for Bike Carriers and Other Accessories
- Accepts 2" Tubes
- Assembly Required
- *Not For Towing or Decorative Aluminum Bumper Covers*

K. Travel Trailer Hitch

- Easy to Install
- 2" Receiver Opening
- Mounts to 4" Square Tube Bumper of RV
- Zinc Plated Hardware Included
- MGTW: 3,500 lbs.
- Tongue Weight: 350 lbs.
- Class II
- Assembly Required

L. 3-Point Receiver Hitch Assembly

- Easy to Install
- Fits common, 3-point tractor hitches
- 2" Receiver Opening
- (2) 7/8" pins & (1) 5/8" hitch pin included

ORDERING INFORMATION				
PART NO.	DIMENSIONS	FINISH	WEIGHT	CAT.
A RT1251206	1¼" I.D. x 6"	Black	1.8 lbs.	532 (Y)
A RT1251206UP	1¼" I.D. x 6"	Plain	1.8 lbs.	532 (Y)
A RT25806	2" I.D. x 6"	Plain	4.0 lbs.	532 (Y)
A RT25808	2½" I.D. x 8"	Plain	7.55 lbs.	532 (Y)
A RT25812	2½" I.D. x 12"	Plain	11.33 lbs.	532 (Y)
A RT25818	2½" I.D. x 18"	Plain	17.00 lbs.	532 (Y)
A RT25806B	2" I.D. x 6"	Black	4.0 lbs.	532 (Y)
A RT25808	2" I.D. x 8"	Plain	5.0 lbs.	532 (Y)
A RT25808B	2" I.D. x 8"	Black	5.0 lbs.	532 (Y)
A RT25810	2" I.D. x 10"	Plain	6.0 lbs.	532 (Y)
A RT25810B	2" I.D. x 10"	Black	6.0 lbs.	532 (Y)
A RT25812	2" I.D. x 12"	Plain	7.0 lbs.	532 (Y)

ORDERING INFORMATION				
PART NO.	DIMENSIONS	FINISH	WEIGHT	CAT.
A RT25812B	2" I.D. x 12"	Black	7.0 lbs.	532 (Y)
A RT25814	2" I.D. x 14"	Plain	8.3 lbs.	532 (Y)
A RT25814B	2" I.D. x 14"	Black	8.3 lbs.	532 (Y)
A RT25818	2" I.D. x 18"	Plain	10.0 lbs.	532 (Y)
A RT25818B	2" I.D. x 18"	Black	10.0 lbs.	532 (Y)
A RT25824	2" I.D. x 24"	Plain	14.0 lbs.	532 (Y)
A RT25824B	2" I.D. x 24"	Black	14.0 lbs.	532 (Y)
A RT25836	2" I.D. x 36"	Plain	20.0 lbs.	532 (Y)
A RT25836B	2" I.D. x 36"	Black	20.0 lbs.	532 (Y)
A RT25848	2" I.D. x 48"	Plain	27.0 lbs.	532 (Y)
A RT25848B	2" I.D. x 48"	Black	27.0 lbs.	532 (Y)

ORDERING INFORMATION

PART NO.	DESCRIPTION	M.V.L.	M.G.T.W.	*HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT	CAT.
				VERTICAL	HORIZONTAL			
B 1804055	Bolt-On Receiver Tube, 2" I.D. x 6"	2,000	20,000	3.50	3.38	0.531	7.9 lbs.	532 (Y)
C RTA252	2½" to 2" Receiver Tube Adaptor, Steel	-	-	N/A	N/A	N/A	3.25 lbs.	532 (Y)
D SBH2	Step Bumper Hitch	350 lbs.	3,500 lbs.	N/A	N/A	N/A	6.25 lbs.	532 (Y)
E 1804030	1¼" to 2" Hitch Adapter	300 lbs.	N/A	N/A	N/A	N/A	7.0 lbs.	532 (Y)
F RTA214	2" to 1¼" Receiver Tube Adaptor, Poly	-	-	N/A	N/A	N/A	1.36 lbs.	532 (Y)
G 1804035	2" to 1¼" Hitch Adapter	300 lbs.	3,000 lbs.	N/A	N/A	N/A	3.5 lbs.	532 (Y)
H 1804003	7" Receiver Extension	Reduces Hitch Capacity by 1/3		N/A	N/A	N/A	17.7 lbs.	542 (N)
H 1804005	12" Receiver Extension	Reduces Hitch Capacity by 1/3		N/A	N/A	N/A	17.7 lbs.	542 (N)
H 1804007	18" Receiver Extension	Reduces Hitch Capacity by 1/3		N/A	N/A	N/A	23.6 lbs.	542 (N)
I 1804015	12" Receiver Extension with Step	Reduces Hitch Capacity by 1/3		N/A	N/A	N/A	21.0 lbs.	542 (N)
I 1804017	18" Receiver Extension with Step	Reduces Hitch Capacity by 1/3		N/A	N/A	N/A	27.0 lbs.	542 (N)
J RVA24	RV Bumper Receiver Hitch	-	-	N/A	N/A	N/A	7.0 lbs.	532 (Y)
K 1804060	Universal Receiver Hitch	350 lbs.	3,500 lbs.	N/A	N/A	N/A	9.5 lbs.	532 (Y)
L 3005345	3-Point Receiver Hitch Assembly	-	-	N/A	N/A	N/A	45.0 lbs.	532 (Y)

= Available in Full Color Retail Package

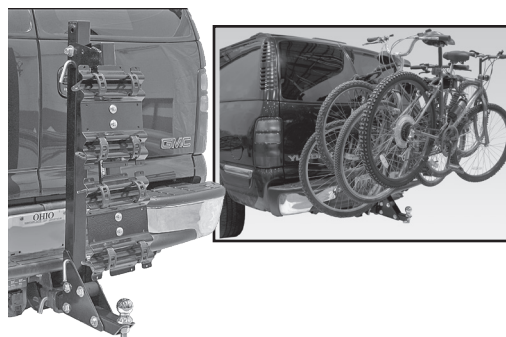
TOWING & CARGO CONTROL

CARGO CARRIERS & BIKE RACKS WEIGHT DISTRIBUTING HITCHES

A.



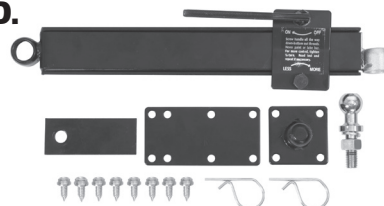
B.



C.



D.



A. Folding Cargo Carrier

- Heavy-duty, all-steel square tubular construction.
- Strong and durable mesh bottom.
- 6" sides carry more cargo than standard carriers.
- Carrier folds-up and stows away by pulling one pin.
- Fits 2" receiver tubes.
- Black powder coat finish.
- Measures 60"L x 20"W x 6"H
- Includes cargo net and 5/8" hitch pin.
- Capacity 500 lbs.

C. Weight Distributing Hitch

- Increased ride stability
- Improved control
- Improved braking & steering
- Raised hitch platform for additional trailer coupler clearance
- Dual sway control capability
- Capacity: **5421000 (Round Bar)**: 10,000 lbs. G.V.W.R. 1,000 lbs. Vertical Rating;
5421012 (Trunnion Bar): 12,000 lbs. G.V.W.R. 1,200 lbs. Vertical Rating





B. Towable Bike Carrier

- Holds up to 4 bikes
- Fits all 2" receiver tubes
- Black powder coat / rubber-coated finish
- Lockable (lock not included)
- Fold down arms when not in use
- Fold down feature allows access to rear of vehicle
- Towing Ball sold separately
- 3,500 lbs. M.G.T.W.

D. Sway Control

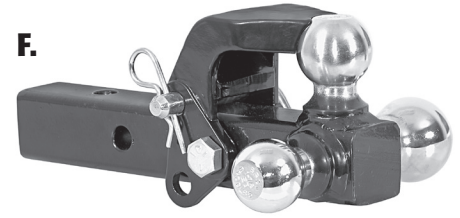
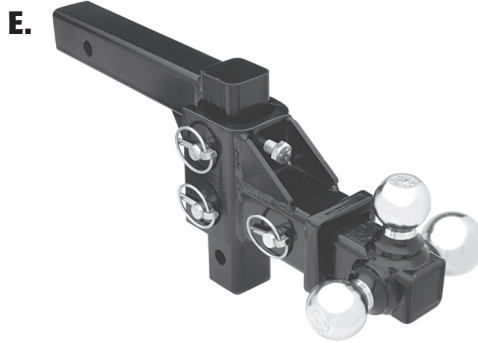
- Reduces sway from windy conditions or passing vehicles
- Comes complete with slide bar, crank handle, chrome ball, spring clips, friction plate and mount reinforcement plate
- Detaches quickly for storage

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5426021	Folding Cargo Carrier	59.5 lbs.	542 (Y)
	B 1805005	Bike Carrier, 4 Bike, Towable	44.0 lbs.	542 (Y)
	C 5421012	Weight Distributing Hitch, Trunnion Bar	89.00 lbs.	542 (N)
	D 5431000	Friction Sway Control	15.10 lbs.	542 (N)

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
3015702	Weld-On Ball Mount Bar for Friction Sway Control (5431000)	1.2 lbs.	543 (N)
3015703	Trailer Tongue Ball Plate for Friction Sway Control (5431000)	1.0 lbs.	543 (N)
3015704	Trailer Tongue Ball for Friction Sway Control (5431000)	.98 lbs.	543 (N)
3015705	¼" Chrome Ball for Friction Sway Control (5431000)	.71 lbs.	543 (N)
3015706	Hardware Kit for Friction Sway Control (5431000)	.42 lbs.	543 (N)



A. & B. Tri-Ball Hitch

- Solid or tubular shank for 2" receiver tubes
- Chrome or Black welded steel towing balls
- Black powder coated finish
- 5/8" hitch pin hole
- All three towing ball sizes (1 7/8", 2", & 2 5/16") on one solid shank

Patent #8,684,389

C. Tri-Ball Hitch w/Hook

- Tubular shank for 2" receiver tubes
 - Black welded steel towing balls
 - Black powder coated finish
 - 5/8" hitch pin hole
 - All three towing ball sizes (1 7/8", 2", & 2 5/16")
- Patent #8,684,389

D. Double Ball Mount

- Solid shank for 2" receiver tubes
- Black welded steel towing balls
- Black powder coated finish
- 5/8" hitch pin hole
- A combination of 2" & 2 5/16" balls

E. Adjustable Tri-Ball Hitch

- Solid shank for 2" receiver tubes
- Chrome welded steel towing balls
- Black powder coated finish
- 5/8" hitch pin hole
- All three towing ball sizes (1 7/8", 2", & 2 5/16")
- 12" of vertical adjustment

F. Tri-Ball Hitch w/Pintle Hook

- Solid shank for 2" receiver tubes
- Chrome welded steel towing balls
- Black powder coated finish
- 5/8" hitch pin hole
- 7,500 lbs. cast steel pintle jaw
- Upper jaw locks in closed position (down) for lunette eye towing

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
	A	1802200	1802200 Tri-Ball Hitch, Black Towing Balls (1 7/8", 2", 2 5/16") Solid Shank	19.5 lbs.	539 (Y)
	A	1802202	1802202 Tri-Ball Hitch, Black Towing Balls (1 7/8", 2", 2 5/16") Tubular	11.9 lbs.	539 (Y)
	B	1802205	1802205 Tri-Ball Hitch, Chrome Towing Balls (1 7/8", 2", 2 5/16") Solid Shank	19.5 lbs.	539 (Y)
	B	1802207	1802207 Tri-Ball Hitch, Chrome Towing Balls (1 7/8", 2", 2 5/16") Tubular	11.9 lbs.	539 (Y)
	C	1802208	1802208 Tri-Ball Hitch w/Hook, Black Towing Balls (1 7/8", 2", 2 5/16")	13.4 lbs.	539 (Y)
	D	1802215	861215 Double Ball Mount, Black Towing Balls (2" & 2 5/16")	17.0 lbs.	539 (Y)
	E	1802225	1802225 Adjustable Tri-Ball Hitch, Chrome Towing Balls (1 7/8", 2", 2 5/16")	44.0 lbs.	539 (Y)
	E	3020620	Replacement Tri-Ball Hitch, Chrome Towing Balls (1 7/8", 2", 2 5/16") for 1802225	8.75 lbs.	521 (Y)
	F	1802279	1802279 Tri-Ball Hitch w/ Pintle Hook, Chrome Towing Balls (1 7/8", 2", 2 5/16")	23.0 lbs.	539 (Y)

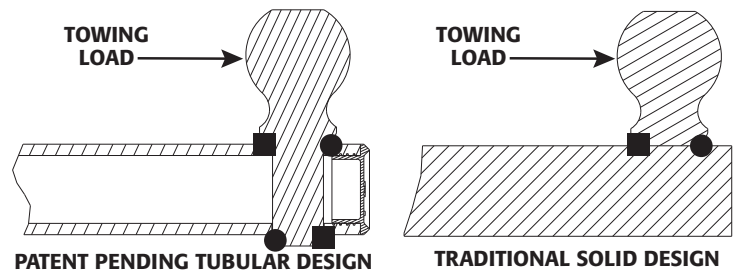
CAPACITIES

Ball Capacities

1-7/8" Ball6,000 lbs. MGTW
 2" Ball7,500 lbs. MGTW
 2-5/16" Ball10,000 lbs. MGTW
Pintle Cap.7,500 lbs. MGTW

TUBULAR VS. SOLID TRI-BALL DESIGNS

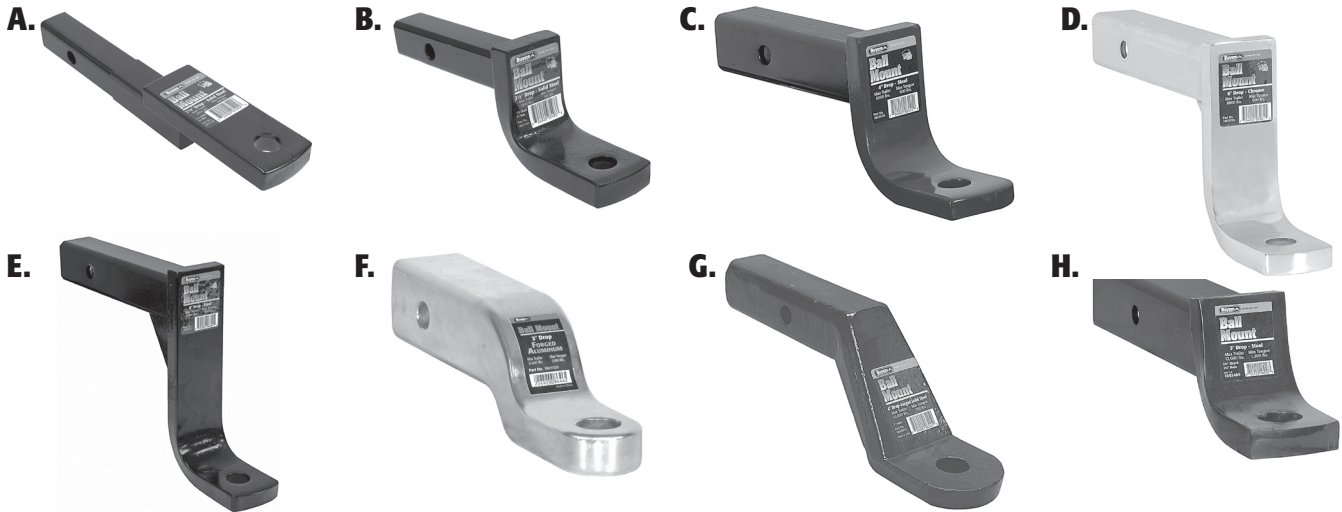
In load testing per SAE J684, the Buyers patent pending tubular design is equivalent or superior to the traditional solid design. This is possible because the 2-5/16" ball design allows it to pass through the complete shaft (see figure). This spreads the towing loads to both the top and bottom of the tube which significantly reduces loading on the welds and permits additional welds on the bottom of the shaft. The shaft itself is not the limiting factor in load ratings in either the tubular or solid shaft designs as most of the loading under normal applications is in-line with the shaft. Tongue load (vertical load) is a small component of the overall towing load.



■ TENSION ● COMPRESSION

TOWING & CARGO CONTROL

TOWING BALL MOUNTS



A. - B. Towing Ball Mounts (1 1/4" Shank)

- Fits 1 1/4" receiver tubes
- Solid shank
- Black powder coat finish
- Tongue accepts 3/4" diameter shank towing balls.

C. - F. Towing Ball Mounts (2" Shank)

- Straight, high-low, & deep drop tube style mounts
- Fits 2" receiver tubes
- 2 piece welded steel or forged aluminum construction
- Available in chrome plated, aluminum, or black powder coated
- Tongue accepts 1" diameter shank towing balls.
- 1803019 has a solid shank*

G. Heavy-Duty Towing Ball Mounts (2" Shank)

- Fits 2" receiver tubes
- Single piece forged steel
- Black powder coat finish
- Tongue accepts 1" and 1 1/4" diameter shank towing balls.

H. Towing Ball Mounts (2 1/2" Shank)

- Fits 2 1/2" receiver tubes
- 2 piece welded steel construction
- Black powder coat finish
- Tongue accepts 1 1/4" diameter shank towing balls.

ORDERING INFORMATION

PART NO.	DESCRIPTION	LENGTH	MAX DROP	RISE	M.V.L.	M.G.T.W.	WEIGHT	CAT.
1 1/4" SHANKS								
A 1803100CR	Ball Mount	9"	1 1/4"	1 1/4"	300 lbs.	3,500 lbs.	5.85 lbs.	536 (Y)
B 1803105	Ball Mount	7"	2 1/2"	2"	300 lbs.	3,500 lbs.	4.15 lbs.	536 (Y)
B 1803110	Ball Mount	7"	4"	3 1/2"	300 lbs.	3,500 lbs.	5.50 lbs.	536 (Y)
2" SHANKS								
C 1803005	Straight Ball Mount	8"	2"	3/4"	750 lbs.	7,500 lbs.	6.85 lbs.	536 (Y)
D 1803006	Straight Ball Mount, Chrome Plated	8"	2"	3/4"	750 lbs.	7,500 lbs.	6.85 lbs.	536 (Y)
C 1803007	Straight Ball Mount	10"	2"	3/4"	750 lbs.	7,500 lbs.	5.75 lbs.	536 (Y)
C 1803009	Straight Ball Mount	13"	4"	2"	750 lbs.	7,500 lbs.	9.0 lbs.	536 (Y)
C 1803010	High-Low Ball Mount	8"	4"	2 3/4"	750 lbs.	7,500 lbs.	7.50 lbs.	536 (Y)
D 1803011	High-Low Ball Mount, Chrome Plated	8"	4"	2 3/4"	750 lbs.	7,500 lbs.	7.50 lbs.	536 (Y)
E 1803013	High-Low Ball Mount	10"	4"	2 3/4"	750 lbs.	7,500 lbs.	7.0 lbs.	536 (Y)
E 1803014	High-Low Ball Mount	9.75"	6"	2"	750 lbs.	7,500 lbs.	7.50 lbs.	536 (Y)
E 1803015	Deep Drop Ball Mount	10"	6"	4 3/4"	750 lbs.	7,500 lbs.	10.0 lbs.	536 (Y)
D 1803016	Deep Drop Ball Mount, Chrome Plated	10"	6"	4 3/4"	750 lbs.	7,500 lbs.	10.0 lbs.	536 (Y)
E 1803017	Deep Drop Ball Mount	10"	8"	6 3/4"	600 lbs.	6,000 lbs.	9.0 lbs.	536 (Y)
E 1803019	Deep Drop Ball Mount, Solid Shank	10.28"	10 1/4"	9"	600 lbs.	6,000 lbs.	16.0 lbs.	536 (Y)
F 1803505	Ball Mount, Forged Aluminum	7 1/4"	2"	1"	1,000 lbs.	10,000 lbs.	2.99 lbs.	536 (Y)
F 1803510	Ball Mount, Forged Aluminum	7 1/4"	3 1/4"	1"	1,000 lbs.	10,000 lbs.	3.18 lbs.	536 (Y)
<i>New higher capacities, M.V.L. of 750 lbs. and M.G.T.W. of 7,500 lbs.</i>								
2" SHANKS, HEAVY-DUTY								
G 1803050	Heavy-Duty Solid Ball Mount, 1" Hole	7.63"	2"	3/4"	2,000 lbs.	20,000 lbs.	12.0 lbs.	536 (Y)
G 1803051	Heavy-Duty Solid Ball Mount, 1 1/4" Hole	7.63"	2"	3/4"	2,000 lbs.	20,000 lbs.	12.0 lbs.	536 (Y)
G 1803055	Heavy-Duty Solid Ball Mount, 1" Hole	7.88"	4"	2 3/4"	2,000 lbs.	20,000 lbs.	12.8 lbs.	536 (Y)
G 1803056	Heavy-Duty Solid Ball Mount, 1 1/4" Hole	7.88"	4"	2 3/4"	2,000 lbs.	20,000 lbs.	12.8 lbs.	536 (Y)
G 1803058	Heavy-Duty Solid Ball Mount, 1" Hole	9.37"	6"	4 3/4"	1,700 lbs.	17,000 lbs.	16.0 lbs.	536 (Y)
G 1803059	Heavy-Duty Solid Ball Mount, 1 1/4" Hole	9.37"	6"	4 3/4"	1,700 lbs.	17,000 lbs.	16.0 lbs.	536 (Y)
2 1/2" SHANKS								
H 1803405	Straight Ball Mount	10"	3"	1 1/2"	1,200 lbs.	12,000 lbs.	11.85 lbs.	536 (Y)
H 1803410	High-Low Ball Mount	10"	5"	3 1/2"	1,200 lbs.	12,000 lbs.	14.50 lbs.	536 (Y)

TOWING & CARGO CONTROL

BALL MOUNT KITS MULTI-BALL HITCHES ADJUSTABLE BALL MOUNTS

A.



Black Powder Coated w/ Hitch Pin



Chrome w/ Hitch Pin



Chrome w/ Locking Hitch Pin

A. Ball Mount Kits

- Kit includes ball mount assembled with ball and hitch pin
- Ball mounts fits 2" receiver tubes

- Black powder coated or chrome ball mounts
- Two piece welded steel construction
- **Ball Mount Kits sold in 3-packs only**

ORDERING INFORMATION



PART NO.	PKG. PART NO.	DESCRIPTION	BALL SIZE	MAX. DROP	BALL MOUNT CAPACITY M.V.L.	M.G.T.W.	WEIGHT	CAT.
A 1803303	1803303	Chrome Ball Mount Kit	1 7/8"	2"	350 lbs.	3,500 lbs.	10.0 lbs.	536 (Y)
A 1803304	1803304	Black Ball Mount Kit	1 7/8"	2"	350 lbs.	3,500 lbs.	10.0 lbs.	536 (Y)
A 1803306	1803306	Chrome Ball Mount Kit	2"	2"	500 lbs.	5,000 lbs.	10.0 lbs.	536 (Y)
A 1803306LP	1803306LP	Chrome Ball Mount Kit, w/ Locking Hitch Pin	2"	2"	500 lbs.	5,000 lbs.	11.7 lbs.	536 (Y)
A 1803307	1803307	Black Ball Mount Kit	2"	2"	500 lbs.	5,000 lbs.	10.0 lbs.	536 (Y)
A 1803308	1803308	Black Ball Mount Kit	2 5/16"	2"	600 lbs.	6,000 lbs.	10.0 lbs.	536 (Y)
A 1803313	1803313	Black Ball Mount Kit	2"	4"	500 lbs.	5,000 lbs.	12.0 lbs.	536 (Y)
A 1803314	1803314	Black Ball Mount Kit	2 5/16"	4"	600 lbs.	6,000 lbs.	12.0 lbs.	536 (Y)

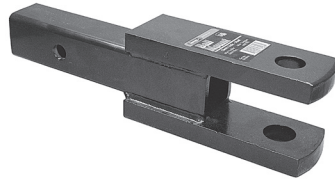
B.



B. Towing Ball Mounts w/Dual Balls

- Fits 2" receiver tubes
- Welded steel construction
- Black powder coated finish
- A combination of either:
 - 1-7/8" and 2" balls
 - 2" and 2-5/16" balls

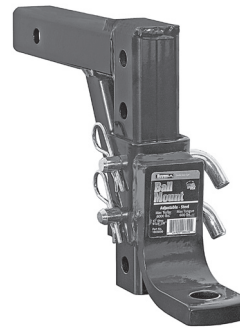
C.



C. Clevis Ball Mounts

- Use as clevis ball mount or ball mount
- Fits 2" receiver tubes
- Black powder coated finish
- Accepts 1" diameter shank towing balls.
- 1803065 has solid shank

D.



E.



D. - E. Adjustable Ball Mounts

- Fits 2" receiver tubes
- Welded steel construction
- Black powder coated finish
- Accepts 1" diameter shank towing balls.
- 1803095 has solid shank

ORDERING INFORMATION



PART NO.	PKG. PART NO.	DESCRIPTION	LENGTH	MAX. DROP	MAX. LIFT	M.V.L.	M.G.T.W.	WEIGHT	CAT.
B 1803210		Double Ball Mount, (1 7/8" & 2" balls)	8"	2"	-	600 lbs.	6,000 lbs.	7.75 lbs.	536 (Y)
B 1803215		Double Ball Mount, (2" & 2 5/16" balls)	8"	2"	-	600 lbs.	6,000 lbs.	11.0 lbs.	536 (Y)
C 1803060		Clevis Ball Mount, Tubular Shank	9 1/4"	-	-	600 lbs.	6,000 lbs.	11.9 lbs.	536 (Y)
C 1803065		Clevis Ball Mount, Solid Shank	9 1/4"	-	-	800 lbs.	8,000 lbs.	17.4 lbs.	536 (Y)
D 1803090	861090	Adjustable Ball Mount, 4-Position	-	11"	9 3/4"	600 lbs.	6,000 lbs.	20.0 lbs.	536 (Y)
D 1803095		Adjustable Ball Mount, 4-Position, Solid Shank	-	11"	9 3/4"	1,000 lbs.	10,000 lbs.	32.0 lbs.	536 (Y)
E 1803093	1803093	Adjustable Ball Mount, 3-Position	-	8"	6 3/4"	600 lbs.	6,000 lbs.	14.89 lbs.	536 (Y)

= Available in Full Color Retail Package

TOWING & CARGO CONTROL

HITCH BALLS

A. Hitch Balls

- Available in chrome
- Individually packaged



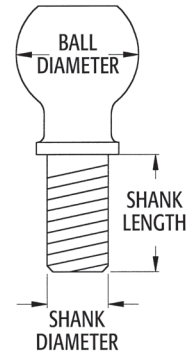
B. Bulk Hitch Balls

- Individually bagged
- Available w/plain finish



C. Bulk Hitch Balls

- Individually labeled with part no., description, and UPC barcode
- Available w/chrome or zinc finish
- Orders in multiples of 10 (10 balls per master carton)



ORDERING INFORMATION

	PART NO.	PKG. PART NO.	FINISH / DESCRIPTION	BALL DIA.	SHANK DIA.	SHANK LENGTH	M.G.T.W.	WEIGHT	CAT.
HITCH BALLS									
A	1802005	1802005	Chrome	2"	1"	2 ¹ / ₈ "	5,000 lbs.	2.50 lbs.	545 (Y)
A	1802007	1802007	Chrome	2"	1"	2 ³ / ₄ "	10,000 lbs.	2.50 lbs.	545 (Y)
A	1802010	1802010	Chrome	2"	3/4"	2 ¹ / ₈ "	3,500 lbs.	2.10 lbs.	545 (Y)
A	1802015	1802015	Chrome	1 ⁷ / ₈ "	3/4"	2 ¹ / ₈ "	3,500 lbs.	1.80 lbs.	545 (Y)
A	1802020	1802020	Chrome	1 ⁷ / ₈ "	1"	2 ¹ / ₈ "	5,000 lbs.	2.25 lbs.	545 (Y)
A	1802025	1802025	Chrome	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ³ / ₄ "	10,000 lbs.	4.20 lbs.	545 (Y)
A	1802026	1802026	Chrome	2 ⁵ / ₁₆ "	1"	2 ¹ / ₈ "	7,500 lbs.	3.20 lbs.	545 (Y)
A	1802027	1802027	Chrome	2 ⁵ / ₁₆ "	1"	2 ³ / ₄ "	10,000 lbs.	3.20 lbs.	545 (Y)
BULK HITCH BALLS									
B	1802050	—	Plain	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ³ / ₄ "	30,000 lbs.	4.10 lbs.	545 (Y)
B	1802055	—	Plain, with 1" riser	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ³ / ₄ " + 1" riser	30,000 lbs.	4.81 lbs.	545 (Y)
B	1802056	—	Plain, with 1" riser	2 ⁵ / ₁₆ "	1 ¹ / ₂ "	2 ³ / ₄ " + 1" riser	30,000 lbs.	4.85 lbs.	545 (Y)
B	1802061	—	Plain, with 2" riser	2 ⁵ / ₁₆ "	1 ¹ / ₂ "	2 ³ / ₄ " + 2" riser	30,000 lbs.	5.60 lbs.	545 (Y)
C	1802103	—	Chrome	1 ⁷ / ₈ "	5/8"	1 ³ / ₄ "	2,000 lbs.	1.75 lbs.	545 (Y)
C	1802105	—	Chrome	1 ⁷ / ₈ "	3/4"	1 ³ / ₄ "	2,000 lbs.	1.80 lbs.	545 (Y)
C	1802106	—	Zinc	1 ⁷ / ₈ "	3/4"	1 ³ / ₄ "	2,000 lbs.	1.80 lbs.	545 (Y)
C	1802108	—	Chrome	1 ⁷ / ₈ "	3/4"	2 ¹ / ₈ "	3,500 lbs.	1.80 lbs.	545 (Y)
C	1802110	—	Chrome	1 ⁷ / ₈ "	1"	2 ¹ / ₈ "	2,000 lbs.	2.25 lbs.	545 (Y)
C	1802111	—	Zinc	1 ⁷ / ₈ "	1"	2 ¹ / ₈ "	2,000 lbs.	2.25 lbs.	545 (Y)
C	1802130	—	Chrome	2"	3/4"	1 ³ / ₄ "	3,500 lbs.	2.10 lbs.	545 (Y)
C	1802131	—	Zinc	2"	3/4"	1 ³ / ₄ "	3,500 lbs.	2.10 lbs.	545 (Y)
C	1802134	—	Chrome	2"	1"	2 ¹ / ₈ "	5,000 lbs.	2.50 lbs.	545 (Y)
C	1802135	—	Zinc	2"	1"	2 ¹ / ₈ "	5,000 lbs.	2.50 lbs.	545 (Y)
C	1802136	—	Chrome	2"	1"	2 ³ / ₄ "	10,000 lbs.	5.50 lbs.	545 (Y)
C	1802140	—	Chrome, with 1" riser	2"	1"	2 ¹ / ₈ " + 1" riser	5,000 lbs.	3.00 lbs.	545 (Y)
C	1802144	—	Chrome, with 2" riser	2"	1"	2 ¹ / ₈ " + 2" riser	5,000 lbs.	3.40 lbs.	545 (Y)
C	1802148	—	Chrome	2"	1 ¹ / ₄ "	2 ¹ / ₄ "	7,500 lbs.	3.75 lbs.	545 (Y)
C	1802161	—	Chrome	2 ⁵ / ₁₆ "	1"	2 ¹ / ₈ "	6,000 lbs.	3.20 lbs.	545 (Y)
C	1802162	—	Zinc	2 ⁵ / ₁₆ "	1"	2 ¹ / ₈ "	6,000 lbs.	3.20 lbs.	545 (Y)
C	1802167	—	Chrome	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ¹ / ₂ "	10,000 lbs.	4.25 lbs.	545 (Y)
C	1802168	—	Zinc	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ¹ / ₂ "	10,000 lbs.	4.25 lbs.	545 (Y)
C	1802173	—	Chrome, with 1" riser	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ¹ / ₂ " + 1" riser	7,000 lbs.	4.85 lbs.	545 (Y)
C	1802175	—	Chrome, with 2" riser	2 ⁵ / ₁₆ "	1 ¹ / ₄ "	2 ¹ / ₂ " + 2" riser	5,000 lbs.	5.60 lbs.	545 (Y)
REPLACEMENT PARTS & ACCESSORIES for HITCH BALLS									
	1802090	1802090	Nut & Washer Replacement, 3/4"	—	—	—	—	1.00 lbs.	890 (N)
	1802091	1802091	Nut & Washer Replacement, 1"	—	—	—	—	1.00 lbs.	890 (N)
	1802092	1802092	Nut & Washer Replacement, 1 ¹ / ₄ "	—	—	—	—	1.20 lbs.	890 (N)
	1802097	1802097	Reducer Bushing, 1" to 3/4"	—	—	—	—	0.60 lbs.	890 (N)



NEW



A. Class 2 Trailer Safety Chains

- Zinc plated
- Includes 2 quick link connectors (B93234SC has only one quick link connector)
- **NOT FOR LIFTING**



B. Class 4 Trailer Safety Chains

- Heavy-Duty zinc plated
- Includes 1 forged slip hook
- **NOT FOR LIFTING**



C. Class 4 Trailer Safety Chains

- Heavy-Duty zinc plated
- Includes 1 clevis style slip hook
- **NOT FOR LIFTING**



D. Weld-On Safety Chain Retainer

- Forged steel
- Easier chain replacement
- No masking chains when painting

ORDERING INFORMATION

	PART NO.	PACKAGE PART NO.	DESCRIPTION	CHAIN DIA.	CHAIN LENGTH	COIL	M.G.T.W.	WEIGHT	CAT.
	A B31648SC		Safety Chain w/ Quick Link Connectors	3/16"	48"		5,000 lbs.	2.00 lbs.	547 (N)
	A B93234SC		Safety Chain w/ Quick Link Connector	9/32"	34"		5,000 lbs.	2.08 lbs.	544 (N)
REP	A B93248SC	11215*	Safety Chain w/ Quick Link Connectors	9/32"	48"		5,000 lbs.	3.31 lbs.	547 (N)
REP	A B93254SC	11250*	Safety Chain w/ Quick Link Connectors	9/32"	54"		5,000 lbs.	3.65 lbs.	547 (N)
REP	A B93272SC	11220*	Safety Chain w/ Quick Link Connectors	9/32"	72"		5,000 lbs.	4.68 lbs.	547 (N)
	B B03822SC		Safety Chain w/ Forged Slip Hook	3/8"	22"	30 Proof	10,000 lbs.	2.62 lbs.	547 (N)
	C B03835SC		Safety Chain w/ Clevis Style Slip Hook	3/8"	35"	30 Proof	10,000 lbs.	5.00 lbs.	547 (N)
REP	C BSC3835	11275*	Safety Chain w/ Clevis Style Slip Hook	3/8"	35"	43 Proof	15,000 lbs.	5.75 lbs.	547 (N)
	C BSC3842		Safety Chain w/ Clevis Style Slip Hook	3/8"	42"	43 Proof	15,000 lbs.	5.50 lbs.	547 (N)
NEW	D 5471000		5/16" Weld-On Forged Safety Chain Retainer	-	-	-	-	-	518 (N)
NEW	D 5471001		3/8" Weld-On Forged Safety Chain Retainer	-	-	-	-	-	518 (N)

* Packaged chains ship 5 per carton

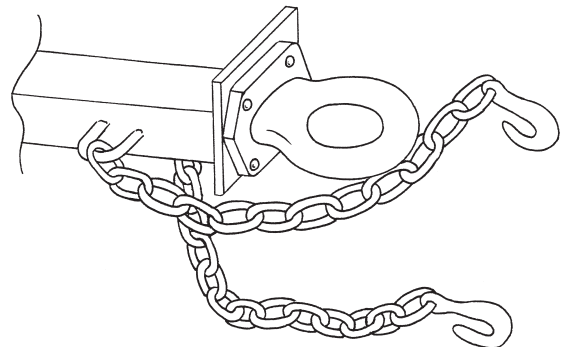
PROPER SAFETY CHAIN USE

Safety Chains act as the final connection between the towing vehicle and the trailer, in the event there is a failure in the towing hitch and/or the coupler.

Use one or two safety chains set to a length that will allow for the turning radius of the vehicle but will not drag on the ground when in operation. The safety chains must have a "holding" capacity of at least the total weight of the trailer and contents.

When applying the safety chain hook up, cross the chain(s) under the trailer tongue to ensure that the tongue will not drop to the ground in the event of a failure.

For full SAE safety chain specifications, refer to SAE J684 specifications and standards.



TOWING & CARGO CONTROL

SAFETY CHAIN ACCESSORIES HITCH PINS



A. Quick Link Connector

- 3/8" diameter
- Zinc plated
- Ideal for connecting chain, cable, wire, or rope
- **NOT FOR LIFTING**



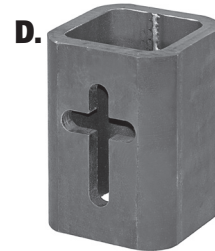
B. Eye Hoist Hook

- Drop forged steel
- Zinc Plated
- Inside length is 2 1/2"



C. Chain Clip

- Steel rod chain clip
- Secure chains to trailer frames



D. Cruciform Safety Chain Bracket

- Bracket weld to bumper or hitch plate
- Insert safety chain through bracket & twist 1/4" turn for extra security
- 4" x 5 1/2" x 1/2" thick steel tubing

ORDERING INFORMATION

PART NO.	DESCRIPTION	LOAD LIMIT	WEIGHT	CAT.
A 7350038	Quick Link Connector, 3/8" dia.	2,650 lbs.	0.25 lbs.	700 (N)
B EH02CL	Forged Eye Hoist Hook w/ Latch	4,000 lbs.	2.0 lbs.	700 (N)
C SC38B	Safety Chain Clip, 3/8" dia.	—	0.15 lbs.	547 (N)
C SC44B	Safety Chain Clip, 7/16" dia.	—	0.19 lbs.	547 (N)
C SC50B	Safety Chain Clip, 1/2" dia.	—	0.36 lbs.	547 (N)
C SC58B	Safety Chain Clip, 5/8" dia.	—	0.90 lbs.	547 (N)
D SC450C	Cruciform Safety Chain Bracket	—	9.02 lbs.	547 (N)



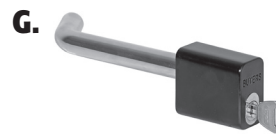
E. Hitch Pin Assembly w/Spring Clip

- 5/8" Zinc hitch pin w/Integral spring clip
- Fits 2" receivers
- Spring clip rotates to lock into place
- Retail packaging (50 per master carton)



F. Hitch Pin Assembly

- Zinc plated w/hairpin cotter
- Available in three sizes:
 - HP545WC 1/2" dia. fits 1 1/4" rec.
 - HP6253WC 5/8" dia. fits 2" rec.
 - HP6256WC 5/8" dia. fits 2 1/2" rec.
- **Sold individually (bagged) or in a Quick Pack box (must order in quantities of 25).*



G. Locking Hitch Pin Assembly

- Black powder coat finish with chrome plated pin
- Available in two sizes:
 - 1/2" dia. fits 1 1/4" receivers
 - 5/8" dia. fits 2" or 2 1/2" rec.

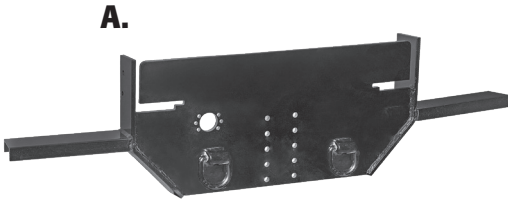


H. Locking Hitch Pin Assembly

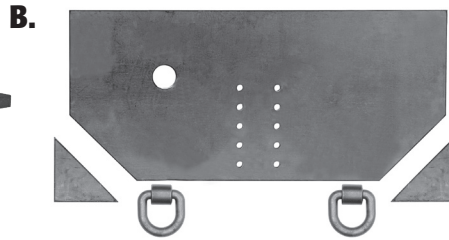
- "Bone" style locking hitch pin assembly
- Chrome plated
- 5/8" dia. fits 2" receivers

ORDERING INFORMATION

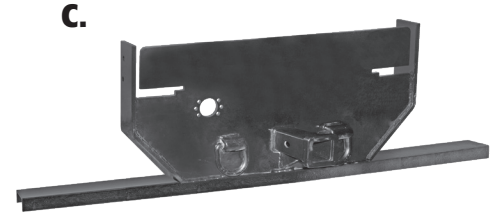
PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
E HP625SC	HP625SC	5/8" x 4.0" Hitch Pin w/Spring Clip, Clear Zinc	0.5 lbs.	529 (Y)
F HP545WC*	HP545WCP	1/2" x 3.2" Hitch Pin Assembly, Clear Zinc	0.30 lbs.	529 (Y)
F HP6253WC*	HP6253WCP	5/8" x 4.0" Hitch Pin Assembly, Clear Zinc	0.60 lbs.	529 (Y)
F HP6256WC*		5/8" x 4.5" Heavy Duty Hitch Pin Assembly, Yellow Zinc	0.60 lbs.	529 (Y)
G BLHP125	BLHP125	1/2" Locking Hitch Pin Assembly	0.80 lbs.	529 (Y)
H BLHP200	BLHP200	5/8" Locking Hitch Pin Assembly	1.9 lbs.	529 (Y)
H BLHP300	BLHP300	5/8" Locking Hitch Pin Assembly, Bone Style	0.85 lbs.	529 (Y)
HP9		3/32" dia. Hair Pin Cotter, Replacement Zinc	0.01 lbs.	520 (N)
HP10		1/8" dia. Hair Pin Cotter, Replacement Zinc	0.04 lbs.	520 (N)
HP12		5/32" dia. Hair Pin Cotter, Replacement Zinc	0.07 lbs.	520 (N)
HP13		3/16" dia. Hair Pin Cotter, Replacement Zinc	0.07 lbs.	520 (N)



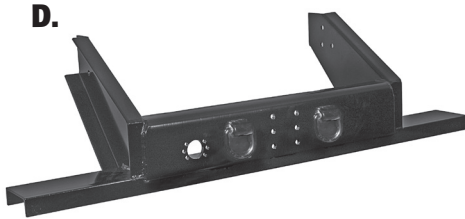
A.



B.



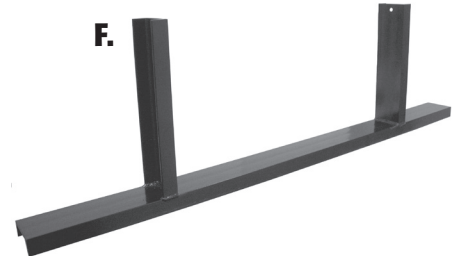
C.



D.



E.



F.

A. Hitch Plate

- Fits Ford F350, F450, F550, Chevy/GMC 3500, 4500 & 5500 Chassis Cabs & Dodge 3500
- Includes two 5/8" forged D-rings with brackets
- Multiple pintle hook mounting positions
- Pre-punched hole fits multiple electrical adaptors
- Black powder coat finish
- Includes ICC bumper protection for bodies up to 96" wide

B. Fabricators Hitch Plate

- 1/2", 5/8" or 3/4" hitch plate
- Multiple pintle hook mounting positions
- Pre-punched hole fits multiple electrical adaptors
- Includes two 5/8" forged D-rings w/brackets on the 1/2" model and two 1" forged D-rings on the 5/8" and 3/4" models
- Includes two weld gussets on 1/2" & 5/8" models

C. Hitch Plate with Receiver Tube

- Fits Ford F350, F450, F550 & Chevy/GMC 3500 Chassis Cabs
- Includes two 5/8" forged D-rings w/brackets & receiver tube
- Pre-punched hole fits multiple electrical adaptors
- Black powder coat finish
- Includes ICC bumper protection for bodies up to 96" wide

D. - E. Flatbed & Flatbed Dump Hitch Plate Bumper

- Universal fit provides ICC bumper protection
- 2 position pintle hook mounting, or 2" receiver tube.
- Includes two 5/8" forged D-rings with brackets
- Standard mounting holes for Ford F350, F450, F550 (drilling required for GM trucks)
- Pre-punched hole fits multiple electrical adaptors
- Requires minimum of two 3" weld per side

F. Vehicle ICC Bumpers

- Heavy-duty 4" structural steel construction
- Black powder coat finish
- Dimensions: 62" length x 17.5" height

ORDERING INFORMATION

PART NO.	DESCRIPTION	M.G.T.W.	WEIGHT	CAT.
A 1809030A	1/2" Hitch Plate for Ford; 15.5" Tall, Fits 1999-2008+	15,000 lbs.	104 lbs.	551 (Y)
A 1809035	1/2" Hitch Plate for Chevy/GMC 3500; 15.5" Tall	15,000 lbs.	90 lbs.	551 (Y)
A 1809036	1/2" Hitch Plate for Chevy/GMC w/ Bottom Bumper; 17" Tall	15,000 lbs.	107 lbs.	551 (Y)
A 1809037	1/2" Hitch Plate for Dodge 3500, 4500, 5500; 15" Tall	14,000 lbs.	108 lbs.	551 (Y)
A 1809038	1/2" Hitch Plate for Chevy/GMC 4500/5500; 17.125" Tall	15,000 lbs.	107 lbs.	551 (Y)
A 1809039	1/2" Hitch Plate for Chevy/GMC 4500/5500, 4x4; 22" Tall	15,000 lbs.	131 lbs.	551 (Y)
NEW B 1809027	3/4" Heavy-Duty Hitch Plate, 34" Wide x 23.5" Tall	Not Rated	148 lbs.	551 (Y)
B 1809040	1/2" Fabricators Hitch Plate; 34" Wide x 15.5" Tall	Not Rated	71 lbs.	551 (Y)
B 1809042	5/8" Fabricators Hitch Plate; 34" Wide x 15.5" Tall	Not Rated	93 lbs.	551 (Y)
C 1809060A	1/2" Hitch Plate for Ford w/ 2" Receiver Tube; 17.42" Tall, Fits 1999-2008+	15,000 lbs.	123 lbs.	551 (Y)
C 1809061A	1/2" Hitch Plate for Ford w/ 2 1/2" Receiver Tube; 17.42" Tall, Fits 1999-2008+	15,000 lbs.	124 lbs.	551 (Y)
C 1809065	1/2" Hitch Plate for Chevy/GMC 3500 w/ 2" Receiver Tube; 16.91" Tall	15,000 lbs.	111 lbs.	551 (Y)
C 1809067	1/2" Hitch Plate for Dodge 3500, 4500, 5500 w/ 2" Receiver Tube; 17.64" Tall	14,000 lbs.	127 lbs.	551 (Y)
D 1809050	Flatbed Hitch Bumper w/ Pintle Holes; 16.17" Tall	20,000 lbs.	117 lbs.	551 (Y)
E 1809055	Flatbed Dump Hitch Bumper w/ Receiver Tube; 16.17" Tall	17,000 lbs.	124 lbs.	551 (Y)
F 1809025	ICC Bumper	N/A	42.5 lbs.	519 (Y)

Please consult vehicle/chassis owner's manual prior to installation.

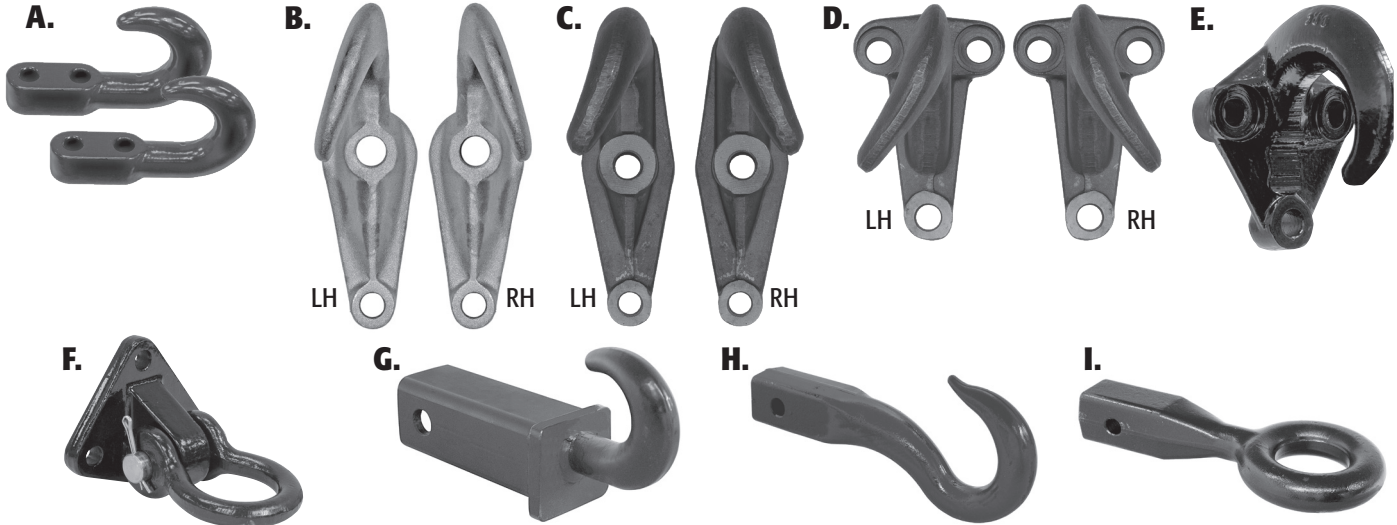
Take all safety precautions to protect the electrical components of the vehicle and/or chassis.

All hitches listed above should be welded, in addition to, bolted to the fram with a 1/2" bolt.

 = Available in Full Color Retail Package

TOWING & CARGO CONTROL

TOWING HOOKS

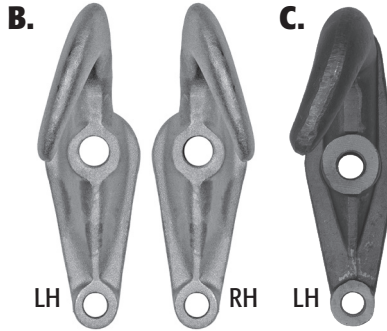


A. Drop Forged Light-Duty Towing Hooks

- Universal pattern
- Drop forged steel
- Available in black powder coat or chrome plated
- Shipped in pairs

F. Drop Forged Heavy-Duty Towing Shackle

- Straight Pattern
- Shipped Individually
- Black Finish

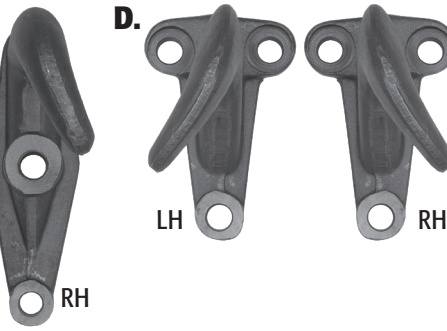


B. 2 Hole Drop Forged Towing Hook

- Shipped in pairs of right and left hand patterns
- Available in black powder coat, chrome plated, or plain finish

G. Receiver Mount Tow Hook

- Straight Pattern
- Fits 2" receiver tube
- Black powder coat



C. - D. 2 or 3 Hole Drop Forged Heavy-Duty Towing Hook

- Shipped in pairs of right and left hand patterns
- Plain finish

H. Forged Receiver Mount Tow Hook

- Straight Pattern
- Fits 2" receiver tube
- Black powder coat

E. Drop Forged Heavy-Duty Towing Hook

- Straight Pattern
- Shipped Individually
- Black Finish

I. Forged Receiver Mount Tow Eye

- Straight Pattern
- Fits 2" receiver tube
- Black powder coat

◆ Towing hooks are not approved for overhead use nor rated for over the road towing ◆

ORDERING INFORMATION

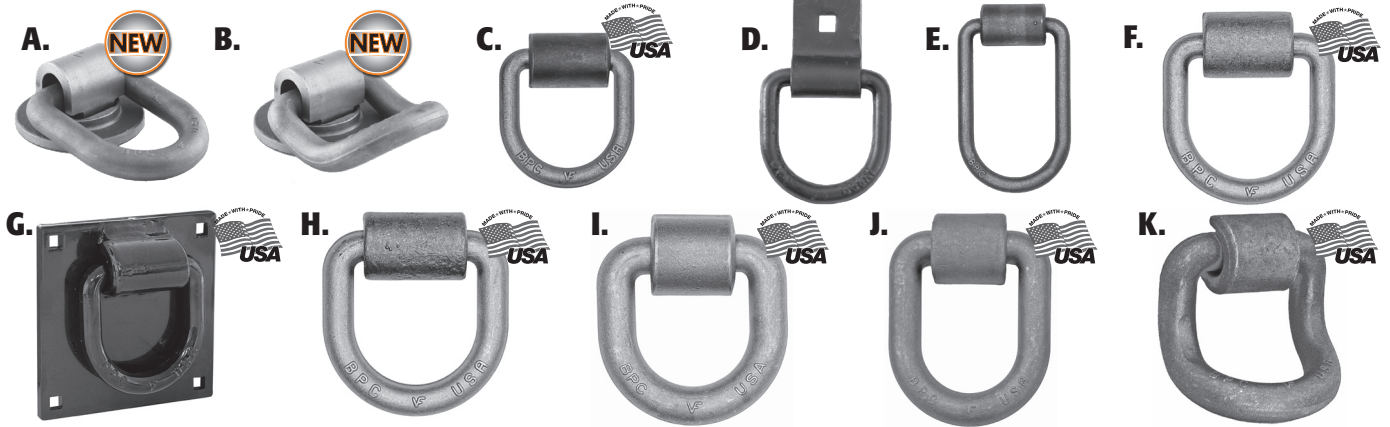
PART NO.	DESCRIPTION	W.L.L. (PER HOOK)	*HOLE SPACING (center to center)		HOLE SIZE.	WEIGHT (PER PAIR)	CAT.
			VERTICAL	HORIZONTAL			
A B2799B	Black Powder Coated Towing Hooks	10,000 lbs.	N/A	N/A	N/A	3.5 lbs.	528 (N)
A B2799C	Chrome Plated Towing Hooks	10,000 lbs.	N/A	N/A	N/A	3.5 lbs.	528 (N)
A B2799BKT	Black Powder Coated Towing Hooks w/Safety Clip & Bolt Kit	10,000 lbs.	N/A	N/A	N/A	3.7 lbs.	528 (N)
A B2799CKT	Chrome Plated Towing Hooks w/ Safety Clip & Bolt Kit	10,000 lbs.	N/A	N/A	N/A	3.7 lbs.	528 (N)
B B2800A	Plain Finish Towing Hooks	13,500 lbs.	4.25	-	0.78	9.4 lbs.	528 (N)
B B2800AB	Black Powder Coated Towing Hooks	13,500 lbs.	4.25	-	0.794	9.4 lbs.	528 (N)
B B2800AC	Chrome Plated Towing Hooks	13,500 lbs.	4.25	-	0.795/ 0.656	9.4 lbs.	528 (N)
C B2801A	2-Hole Plain Finish Towing Hooks	44,600 lbs.	4.19	-	0.67/ 0.79	15.5 lbs.	528 (N)
D B2801C	3-Hole Plain Finish Towing Hooks	44,500 lbs.	4.50	2.75	0.675	10.0 lbs.	528 (N)
E B076A	3-Hole Black Finish Towing Hook	20,000 lbs.	2.50	2.81	1.25	*4.0 lbs.	528 (N)
F B0681	Black Finish Towing Shackle	18,000 lbs.	N/A	N/A	N/A	*9.7 lbs.	524 (N)

*weight is individual pieces

PART NO.	PACKAGE PART NO.	DESCRIPTION	CAPACITY	WEIGHT	CAT.
G RM10H	RM10H	Receiver Mount Tow Hook	10,000 lbs.	4.3 lbs.	528 (N)
H RM12H		Forged Receiver Mount Tow Hook	12,000 lbs.	9.0 lbs.	528 (N)
I RM1225E		Forged Receiver Mount Tow Eye	12,000 lbs.	9.2 lbs.	528 (N)

TOWING & CARGO CONTROL

D RINGS



A. Forged D-Ring

- Forged 1" dia. ring
- Ring rotates for optimum strapping angle

B. Forged D-Ring

- Forged 1" dia. 55° ring
- Ring rotates for optimum strapping angle

C. Forged D-Ring

- Forged from C-1045 steel
- 1/2" diameter ring
- Includes weld-on or 2-Hole mounting bracket
- Forged bracket is 2" wide & 11/16" thick
- 2-Hole bracket is 1 3/4" wide & 3/16" thick w/square mounting holes to accept 3/8" carriage bolts

D. Forged D-Ring

- Forged from C-1045 steel
- 1/2" diameter ring
- Includes integral one-hole mounting bracket
- Integral bracket is 1 3/4" wide & 3/8" thick w/ square mounting bolts to accept 3/8" carriage bolts

E. Forged D-Ring

- Forged from C-1045 steel
- 1/2" diameter ring w/mounting bracket
- Forged bracket is AISI-1025 steel

F. Forged D-Ring

- Forged from C-1045 steel
- 5/8" diameter ring w/mounting bracket
- Forged bracket is 2 1/2" wide & 3/8" thick

F. Bolt-On D-Ring Kit

- 5/8" diameter forged ring w/2 1/2" wide & 3/8" thick forged mounting bracket welded on 1/4" steel plate
- Bolt-on, no welding required
- Black powder coat finish
- Includes: D-Ring on plate, 2 back support bars, 4 carriage bolts, 4 nylock nuts
- 5" Square hole pattern w/0.406" sq. punch holes

G. Forged D-Ring

- Forged from C-1045 steel
- 3/4" diameter ring w/mounting bracket
- Forged bracket is 2 1/4" wide & 3/8" thick

H. Forged D-Ring

- Forged from C-1045 steel
- 1" diameter ring w/mounting bracket
- Forged bracket is 2 1/8" wide & 3/8" thick

I. Forged D-Ring

- Forged from C-1045 steel
- 1" diameter ring w/ mounting bracket
- Forged bracket is 2 1/8" wide & 3/8" thick

J. Forged D-Ring

- Forged from C-1045 steel
- 1" diameter ring is formed at a 55° angle to extended from the mounting surface
- Forged bracket is 2 1/8" wide & 3/8" thick

◆ **D-Rings are not approved for overhead use** ◆

ORDERING INFORMATION

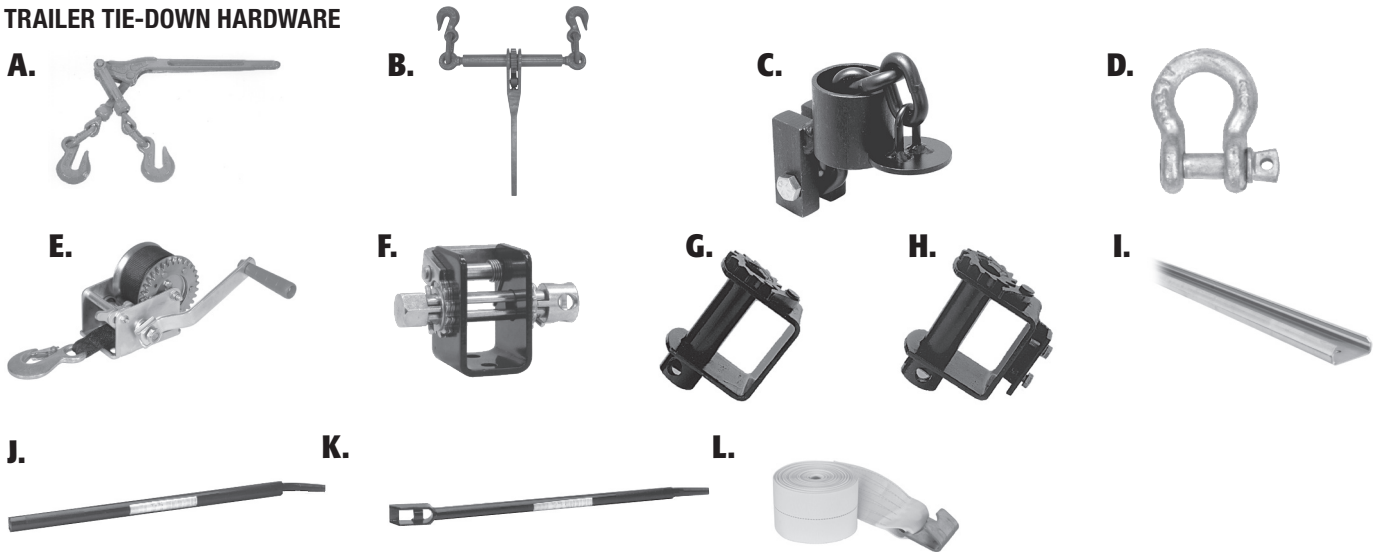
	PART NO.	PACKAGE PART NO.	DESCRIPTION	RING DIA.	I.D. (H X W)	W.L.L.	ULTIMATE BREAKING STRENGTH	WEIGHT	CAT.
NEW	A B51		Forged D-Ring, w/Mounting Bracket, 360° Rotation	1"	4" x 3"	15,586 lbs.	46,760 lbs.	7.1 lbs.	524 (N)
NEW	B B52		Forged D-Ring, (55°) w/Mounting Bracket, 360° Rotation	1"	3 1/2" x 3"	15,586 lbs.	46,760 lbs.	7.1 lbs.	524 (N)
	C B38		Forged D-Ring w/2-Hole Mounting Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.0 lbs.	524 (N)
	C B38W		Forged D-Ring w/Weld-On Mounting Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.0 lbs.	524 (N)
	C B38ZW		Forged White Zinc Plated D-Ring w/2-Hole Mounting Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.0 lbs.	524 (N)
BLP	C B38ZY	02040	Forged Yellow Zinc Plated D-Ring w/2-Hole Mounting Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.0 lbs.	524 (N)
	C B38RP		1/2" Forged D-Ring w/2-Hole Mounting Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.8 lbs.	524 (N)
	D B38S		1/2" Forged D-Ring w/Integral Bracket	1/2"	2 1/2" x 2 3/8"	4,080 lbs.	11,781 lbs.	1.2 lbs.	524 (N)
NEW	E B39W		1/2" Forged D-Ring w/Integral Bracket	1/2"	4 1/2" x 2 1/2"	4,080 lbs.	11,781 lbs.	1.21 lbs.	524 (N)
BLP	F B40	02050	Forged D-Ring w/Mounting Bracket	5/8"	3" x 3"	6,130 lbs.	18,390 lbs.	2.0 lbs.	524 (N)
	G B40MP		Bolt-On D-Ring Kit	5/8"	3" x 3"	—	—	5.06 lbs.	524 (N)
	H B46		Forged D-Ring w/Mounting Bracket	3/4"	3" x 3"	9,120 lbs.	26,500 lbs.	2.5 lbs.	524 (N)
	H B46BF		Forged Mounting Bracket for B46	—	—	—	—	0.75 lbs.	524 (N)
	I B48		Forged D-Ring w/Mounting Bracket	1"	3" x 3"	15,586 lbs.	46,760 lbs.	4.2 lbs.	524 (N)
BLP	J B50	02055	Forged D-Ring w/Mounting Bracket	1"	4" x 3"	15,586 lbs.	46,760 lbs.	4.5 lbs.	524 (N)
	K B5055		Forged D-Ring (55°) w/Mounting Bracket	1"	3 1/2" x 3"	15,586 lbs.	46,760 lbs.	4.5 lbs.	524 (N)

* Buyers Products is not authorized by nor affiliated with the manufacturer of Cargotrol® products.

BLP = Available in Full Color Retail Package

TOWING & CARGO CONTROL

LOAD BINDER TRAILER TIE-DOWN HARDWARE



A. Forged Load Binder

- Works w/ $\frac{3}{8}$ " hook, grade 43 chain, 16" lever, min. breaking strength 19,000 lbs., 5,400 W.L.L.
- Works w/ $\frac{5}{16}$ " hook, grade 70 chain, 16" lever, min. breaking strength 19,000 lbs. 4,700 W.L.L.

B. Ratcheting Load Binder

- Double-acting ratchet offers simple chain tightening
- Red painted finish
- Forged hooks & cast steel handle
- **RLB5638**: 23,100 lbs. min. breaking strength, 6,600 W.L.L.
- **RLB3812**: 33,000 lbs. min. breaking strength, 9,200 W.L.L.

C. Chain Tie Down

- 6,600 lbs. W.L.L.
- Provides floor flush anchor point
- $\frac{3}{8}$ " Grade 70

D. Galvanized Anchor Shackles

- w/Screw pin

E. Hand Winch

- Nylon strap: 1 $\frac{1}{2}$ " x 26' (HW800S); 2" X 20' (HW2000S)
- Gear ratio: 4.4:1 (HW800S); 4.4:1 & 9.8:1 (HW2000S)
- 7" handle (HW800S); 9.84" handle (HW2000S)
- Cranks in & out under load, Winch free wheels
- Zinc plated

F. Lashing Winch

- For 2" webbing
- Weld-on or bolt-on (2 pre-drilled mounting holes)
- Prybar & hex drive
- Cap.: 3,333 lbs. W.L.L. & 10,000 lbs. M.B.S.

G. - H. Trailer Winches

- All steel construction
- Ratchet style
- For use with 4" straps

I. Sliding Winch Track

- 72" Length track
- $\frac{1}{4}$ " thick formed steel

J. - K. Winch Bars

- Steel construction
- For use with steel trailer winches

L. 4" Winch Straps

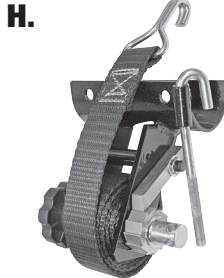
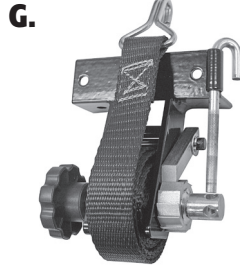
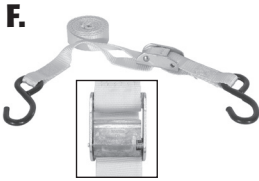
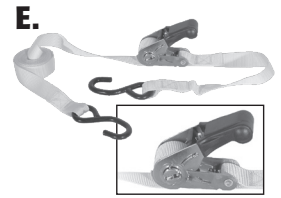
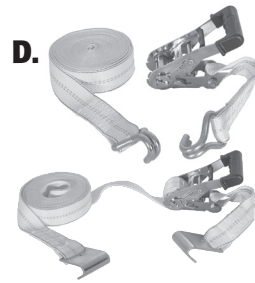
- For use with steel trailer winches
- 15,000 lbs. capacity, 5,000 W.L.L.

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A LB5638	5/16" - 3/8" Forged Load Binder	6.5 lbs.	548 (N)
B RLB5638	5/16" x 3/8" Ratcheting Load Binder, 14.25" handle	10.55 lbs.	548 (N)
B RLB3812	3/8" x 1/2" Ratcheting Load Binder, 14.25" handle	14.55 lbs.	548 (N)
C 1901006	Trailer Bed Chain Tie Down	3.25 lbs.	548 (N)
D 5480375	3/8" Galvanized Anchor Shackle w/Screw Pin; 2,000 lbs. W.L.L.	0.3 lbs.	524 (N)
E HW800S	Hand Winch, 800 lb. Capacity	4.97 lbs.	548 (N)
E HW2000S	Hand Winch, 2,000 lb. Capacity	11.08 lbs.	548 (N)
F 5482100	5-Ton Lashing Winch, 2"	4.0 lbs.	548 (N)
G 1903005	Standard Weld On 4" Winch	8.1 lbs.	548 (N)
G 1903005LH	Standard Weld On 4" Winch, Left Hand	8.1 lbs.	548 (N)
H 1903020	Standard Bolt On 4" Winch	9.1 lbs.	548 (N)
H 1903030	Standard Sliding 4" Winch	10.5 lbs.	548 (N)
H 1903035	Deep Storable Sliding 4" Winch	11.5 lbs.	548 (N)
I 1903040	Sliding Winch Track 1/4" x 72"	39.0 lbs.	548 (N)
J 1903060	Standard Winch Bar, Black, 35" Long	5.3 lbs.	548 (N)
K 1903065	Combination Winch Bar, Black, 40" Long	6.6 lbs.	548 (N)
K 1903066	Combination Winch Bar, Chrome, 40" Long	6.6 lbs.	548 (N)
L 1903070	4" x 27' Winch Strap w/ Flat Hook	4.6 lbs.	548 (N)
L 1903085	4" x 30' Winch Strap w/ Flat Hook	5.0 lbs.	548 (N)

TOWING & CARGO CONTROL

STRAPS & TIE DOWNS



A. Ratchet Straps
• 2" x 27' Ratchet Strap with Flat Hooks

B. Ratchet Straps
• 3" x 27' or 4" x 27' Ratchet Strap with Flat Hooks

C. Ratchet Straps
• 2" x 7' Ratchet Tie-Down with twisted Snap Hook

D. Ratchet Straps
• Soft Grip Rubber Handle
• 2" x 27' ratchet straps with flat hooks or double J hooks

E. Ratchet Straps
• Soft Grip Rubber Handle & Thumb release
• Vinyl coated hooks
Must be ordered in multiples of 4/cut case box; 2 straps/pack (RTD211218) or 4 straps/pack (RTD411218)

F. Cambuckle Straps/Tie Downs
• Quick lock cambuckles
• Vinyl coated hooks
Must be ordered in multiples of 4/cut case box; 2 straps/pack (CBTD21612) or 4 straps/pack (CBTD41612)

G. Ladder Rack Ratchet Tie-Down
• 1½" x 7' Strap with Double J-Hook
• Ladder Rack Ratchet Tie Down
• Structural Steel Mounting Angle
• Fits racks with square and rectangular tubing
• Zinc Plated with Black Powder Coat Finish

H. Ladder Rack Ratchet Tie-Down
• 1½" x 7' Strap with Double J-Hook
• Ladder Rack Ratchet Tie Down
• Rolled steel bracket fits ladders racks with popular 1-7/8" - 2" OD round tubing
• Zinc Plated with Black Powder Coat Finish
• 2 per pack

I. Retractable Tie-Down
• 1-7/8" x 10' Strap w/S Hooks or e-track fittings
• Heavy-Duty Bolt-On Design
• Works Great with Ladder Racks, ATV's, Motorcycles, Boats, Etc.
• Spring retracting spool
• Soft grip rubber handle
• 2 per pack

J. Foam Quick Tie
• Multi-purpose
• High density steel alloy core with foam coat
• No knots. No scratches.

ORDERING INFORMATION

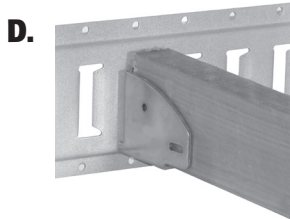
	PART NO.	DESCRIPTION	CAPACITY	W.L.L.	WEIGHT	CAT.
	A 01055	2" x 27' Ratchet Strap w/Flat Hooks	10,000 lbs.	3,300 lbs.	5.6 lbs.	548 (N)
	B RS132715F	3" x 27' Ratchet Strap w/Flat Hooks	15,000 lbs.	5,000 lbs.	12.0 lbs.	548 (N)
	B RS142715F	4" x 27' Ratchet Strap w/Flat Hooks	15,000 lbs.	5,000 lbs.	15.4 lbs.	548 (N)
	C RTD12071S	2" x 7' Ratchet Tie-Down w/Twisted Snap Hook	10,000 lbs.	3,300 lbs.	4.2 lbs.	548 (N)
B.P.P.	D RTD12271F	2" x 27' Ratchet Strap w/Flat Hooks	10,000 lbs.	3,300 lbs.	5.6 lbs.	548 (N)
B.P.P.	D RTD12271J	2" x 27' Ratchet Strap w/Double J Hooks	10,000 lbs.	3,300 lbs.	5.6 lbs.	548 (N)
B.P.P.	E RTD211218	1" x 12' Ratchet Tie Downs (2-pack)	1,800 lbs.	600 lbs.	2.53 lbs.	548 (N)
B.P.P.	E RTD411218	1" x 12' Ratchet Tie Downs (4-pack)	1,800 lbs.	600 lbs.	5.44 lbs.	548 (N)
B.P.P.	F CBTD21612	1" x 6' Cambuckle Tie Downs (2-pack)	1,200 lbs.	400 lbs.	2.00 lbs.	548 (N)
B.P.P.	F CBTD41612	1" x 6' Cambuckle Tie Downs (4-pack)	1,200 lbs.	400 lbs.	4.00 lbs.	548 (N)
B.P.P.	G 5480005	1½" x 7' Strap with Double J-Hook, Angle Mount, (2-pack)	1,500 lbs.	500 lbs.	8.00 lbs.	548 (N)
B.P.P.	H 5480007	1½" x 7' Strap with Double J-Hook, Tube Mount, (2-pack)	1,500 lbs.	500 lbs.	7.00 lbs.	548 (N)
	3028819	Replacement Strap/Prybar (used with 5480005 & 5480007)	—	—	1.25 lbs.	548 (N)
NEW	I 5480010	1-7/8" x 10' Retractable Tie-Down, used w/s-hooks	3,000 lbs.	1,000 lbs.	4.20 lbs.	548 (N)
NEW	I 5480011	1-7/8" x 10' Retractable Tie-Down, used w/e-track systems	3,000 lbs.	1,000 lbs.	4.50 lbs.	520 (N)
B.P.P.	J 5480417	17" Foam Quick Tie, Red, 4-pack	—	—	0.39 lbs.	548 (N)

= Available in Full Color Retail Package

TOWING & CARGO CONTROL

STRAPS & TIE DOWNS

E-TRACK



A. E-Track Tie Downs

- For use with E-Track
- Universal fitting

B. E-Track Tie Downs

- For use with E-Track
- Universal fitting

C. Rope Ring with E-Track Fitting

- 1⁵/₁₆" I.D. Ring
- Spring action security latch
- Zinc plated

D. E-Track Board Holder

- Holds 2" x 4" & 2" x 6" lumber
- WLL depends on board or beam
- Zinc plated

E. E-Track J-Hook

- For use with E-Track
- 1/2" x 4-1/4" I.D. Steel
- White powder coat finish
- Provides quick hook location

F. E-Track J-Hook

- For use with E-Track
- 3/8" x 2" I.D. Steel
- White powder coat finish
- Provides quick hook location

G. E-Track

- Adjustable anchor points
- 12-Gauge steel
- Gunmetal grey powder coat

H. E-Track Fitting w/360° Swiveling 2" Rope Ring

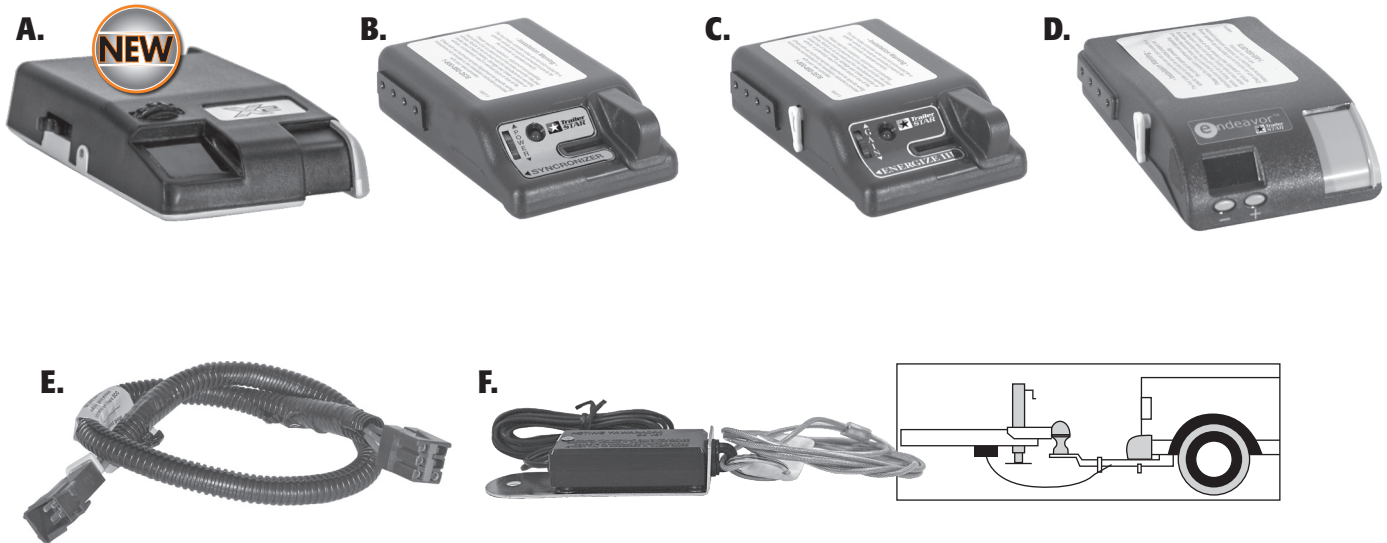
- Spring action security latch
- Prevents tie-down straps from tangling

I. Load Ring for Super Track

- 1" ID Round Ring
- Adjustable

ORDERING INFORMATION

	PART NO.	DESCRIPTION	MIN. BREAKING STRENGTH	W.L.L.	WEIGHT	CAT.
	A 01070	2" x 12' Cambuckle Strap w/ Fitting	2,750 lbs.	915 lbs.	2.0 lbs.	520 (N)
	A 01075	2" x 12' Ratchet Strap w/ Fitting	4,400 lbs.	1,467 lbs.	2.2 lbs.	520 (N)
	A 01076	2" x 16' Ratchet Strap w/ Fitting	4,400 lbs.	1,467 lbs.	2.3 lbs.	520 (N)
	A 01077	2" x 20' Ratchet Strap w/ Fitting	4,400 lbs.	1,467 lbs.	2.4 lbs.	520 (N)
	B 01080	2" x 6" Rope Ring Tie Down Strap w/ Fitting	3,000 lbs.	1,000 lbs.	0.3 lbs.	520 (N)
	C 01090	Rope Ring with E-Track Fitting	6,000 lbs.	2,000 lbs.	0.52 lbs.	520 (N)
	D 01100	E-Track Board Holder (Holds 2x4 & 2x6 Lumber)	—	—	1.00 lbs.	520 (N)
	E 01120	E-Track J-Hook, 4-1/4" ID	—	—	0.89 lbs.	520 (N)
	F 01130	E-Track J-Hook, 2" ID	—	—	0.50 lbs.	520 (N)
	G 1903050	E-Track 10' Sections	—	—	16.5 lbs.	520 (N)
	G 1903052	E-Track, 2' Sections	—	—	3.3 lbs.	520 (N)
	G 1903055	E-Track, 5' Sections	—	—	8.3 lbs.	520 (N)
	H 01091	E-Track Swivel Rope Ring, 360°	4,000 lbs.	1,300 lbs.	1.14 lbs.	520 (N)
	I LR1	Load Ring for Super Track, Single Stud Round	3,000 lbs.	1,000 lbs.	0.2 lbs.	548 (N)



A. 2 Axle Brake Controller

- For use with 2 or 4 electronic brakes
- Durable die-cast housing
- Digital display
- Quick connect wire plug.
- Includes mounting bracket and hardware
- Limited lifetime warranty.

B. 2 Axle Brake Controller

- Time-based electronic trailer brake controller.
- Recommended for light-duty trailers with 2 or 4 electronic brakes.
- Quick connect wire plug.
- Safest time-based controller available.
- Includes mounting bracket and hardware
- 3-Year warranty.

C. 2 Axle Proportional Brake Controller

- Proportional electronic trailer brake controller.
- Faster/smoothier stopping performance.
- Recommended for medium/heavy-duty trailers with 2 or 4 electronic trailer brakes.
- Quick connect wire plug.
- Automatic and manual trailer braking.
- Includes mounting bracket and hardware
- 5-Year warranty

D. 4 Axle Proportional Brake Controller, Digital

- Recommended for medium/heavy-duty trailers with 2, 4, 6 or 8 electronic brakes.
- Faster/smoothier, proportional braking.
- Digital controller.
- Adjustable turn-on power.
- Built-in diagnostics display.
- Quick connect wire plug.
- Automatic and manual trailer braking.
- Includes mounting bracket and hardware
- Lifetime warranty

E. Brake Control Wiring Harness

- Electric brake controller wiring connector for vehicles with factory tow package wiring.
- Simple plug-in installation, eliminates errors
- No cutting, splicing or taping.
- Simple quik connect 3' leads, saves on installation time
- Fits Dodge, Ford, Chevy/GMC

F. Breakaway Switch Kit, 6-24 Volt

- 48" Plastic coated high-strength cable
- Zinc plated mounting bracket: bolt-on or weld-on
- 6-24 Volt
- Switch activates electric brakes if emergency cable pulls out
- Easy to use spring clip
- Not a substitute for safety chains
- Retail clamshell
- Compares to Redneck™ 2010 (420000), & Tekonsha™ Model 2010

ORDERING INFORMATION

NEW

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5422000	2 Axle Brake Controller	0.66 lbs.	542 (N)
	B BC2A	2 Axle Brake Controller	0.6 lbs.	542 (N)
	C BC2AP	2 Axle Proportional Brake Controller	0.6 lbs.	542 (N)
	D BC4APD	4 Axle Proportional Brake Controller, Digital	0.7 lbs.	542 (N)
	E BCHD	Brake Control Wiring Harness, Dodge*	0.25 lbs.	542 (N)
	E BCHF	Brake Control Wiring Harness, Ford F150, Explorer, Expedition*	0.25 lbs.	542 (N)
	E BCHF1	Brake Control Wiring Harness, Ford Super Duty, F-250, F350, F450, F550 ('05-'06)	0.25 lbs.	542 (N)
	E BCHF2	Brake Control Wiring Harness, Ford Super Duty, F-250, F350, F450, F550 ('07+)	0.25 lbs.	542 (N)
	E BCHGM03	Brake Control Wiring Harness, Chevy/GM ('03+)*	0.25 lbs.	542 (N)
	F 5422010	Breakaway Switch, 12V w/ 48" Prewired Loop	0.41 lbs.	542 (N)
	5422012	Pin & Cable Replacement for 5422010 Breakaway Switch	0.10 lbs.	542 (N)

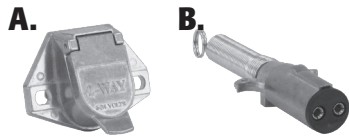
*See buyersproducts.com for application guide

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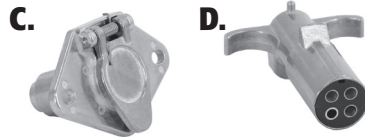
= Available in Full Color Retail Package

TOWING & CARGO CONTROL

TRAILER CONNECTORS



A. - B. 2-Way Zinc Trailer Connector
TC1002 (truck end) **TC2002** (trailer end)
 • Die-cast metal
 • Round pins, split brass formed for positive contact
 • Floating male pins for easy hook-up



C. - D. 4-Way Metal Trailer Connector
TC1004 (truck end) **TC2004** (trailer end)
 • Die-cast metal
 • Round pins, split brass formed for positive contact
 • Floating male pins for easy hook-up



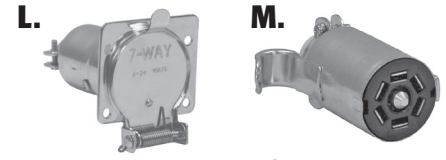
E. - G. 6-Way Trailer Connector
TC1006 (truck end) **TC2006** (trailer end)
TC2061 (trailer end)
 • Die-cast metal
 • Round pins, split brass formed for positive contact
 • Floating male pins for easy hook-up
 • Cable cover spring (TC2061)



H. - I. 7-Way Plastic Trailer Connector
TC1007P (truck end) **TC2007P** (trailer end)
 • Plastic 7 flat pins (RV-type)
 • Plastic inserts keep out dirt and moisture
 • Built-in safety latch prevents damage from accidental drive-away



J. - K. 7-Way Metal Trailer Connector
TC1007 (truck end) **TC2007** (trailer end)
 • Die-cast metal, round pins
 • Self-cleaning pressure contacts
 • Plated contacts for ultimate weather and corrosion protection
 • Built-in safety latch prevents damage from accidental drive-away
 • Stainless steel weather cover spring
 • Color-coded terminals to RVI standards for proper hook-up



L. - M. 7-Way Zinc Trailer Connector
TC1007Z (truck end) **TC2007Z** (trailer end)
 • Zinc
 • Flat Pins



N. 6-Way Round to 7-Way Flat RV Adapter
 • Prewired, 8"
 Compares to: Brophy™ #CRR67F & Pollak™ #12-725EP



O. 7-Way Flat RV Trailer End with 96" Prewired Cable
 • 7-Way Wire:
 (2) 10 Gauge Wires: Black & White
 (1) 12 Gauge Wire: Blue
 (4) 14 Gauge Wires: Brown, Green, Red, Yellow
 • Terminated to TC2007P molded connector



P. 7-Way Trailer Connector
 • Flat pins
 • Plastic housing
 • OEM style rear connector
 • Built-in connection latch

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
NEW	A TC1001	1-Way Truck End Trailer Connector, Die-Cast	0.17 lbs.	542 (N)
	A TC1002	2-Way Truck End Trailer Connector, Horizontal Die-Cast	0.74 lbs.	542 (N)
NEW	A TC1012	2-Way Truck End Trailer Connector, Vertical, Die-Cast	0.68 lbs.	542 (N)
NEW	B TC2001	1-Way Trailer End Connector w/Spring, Die-Cast	0.86 lbs.	542 (N)
	B TC2002	2-Way Trailer End Connector w/Spring, Horizontal Die-Cast	0.68 lbs.	542 (N)
NEW	B TC2012	2-Way Trailer End Connector w/Spring, Vertical, Die-Cast	0.79 lbs.	542 (N)
	C TC1004	4-Way Truck End Trailer Connector, Metal (round)	0.33 lbs.	542 (N)
	D TC2004	4-Way Trailer End Connector, Metal (round)	0.16 lbs.	542 (N)
	E TC1006	6-Way Truck End Trailer Connector, Metal (round)	0.34 lbs.	542 (N)
	F TC2006	6-Way Trailer End Connector, Metal (round)	0.16 lbs.	542 (N)
	G TC2061	6-Way Trailer End Connector, w/ Spring Metal (round)	0.35 lbs.	542 (N)
	H TC1007P	7-Way Truck End Trailer Connector, Plastic (flat)	0.27 lbs.	542 (N)
	I TC2007P	7-Way Trailer End Connector, Plastic (flat)	0.19 lbs.	542 (N)
	J TC1007	7-Way Truck End Trailer Connector, Metal (round)	0.63 lbs.	542 (N)
	K TC2007	7-Way Trailer End Connector, Metal (round)	0.75 lbs.	542 (N)
	L TC1007Z	7-Way Truck End Trailer Connector, Zinc (flat)	0.49 lbs.	542 (N)
	M TC2007Z	7-Way Trailer End Connector, Zinc (flat)	0.27 lbs.	542 (N)
NEW	N TC1067P	6-Way Round to 7-Pin Flat RV Adapter	0.80 lbs.	542 (N)
NEW	O TC2967P	7-Way Flat RV Trailer End with 96" Prewired Cable	2.35 lbs.	542 (N)
NEW	P TC1770P	7-Way Truck Receptacle	0.31 lbs.	542 (N)
NEW	P TC1771P	7-Way Truck Receptacle w/Twist Lock	0.33 lbs.	542 (N)
	Q TC1474P	7-Way Dual-Plug Trailer Connector, 10" prewire - 4 flat	1.15 lbs.	542 (N)
	R TC1774P	7-Way Dual-Plug Trailer Connector, 8" prewire - OEM	1.15 lbs.	542 (N)



Q. 7-Way Dual-Plug Trailer Connector
 • 7-way flat and 4 flat connections
 • Prewired 10", 4 flat & pigtail ends
 • Plastic housing
 • Built-in connection latch
 • RVI color-coded wiring terminals
 • Mounting bracket and hardware included

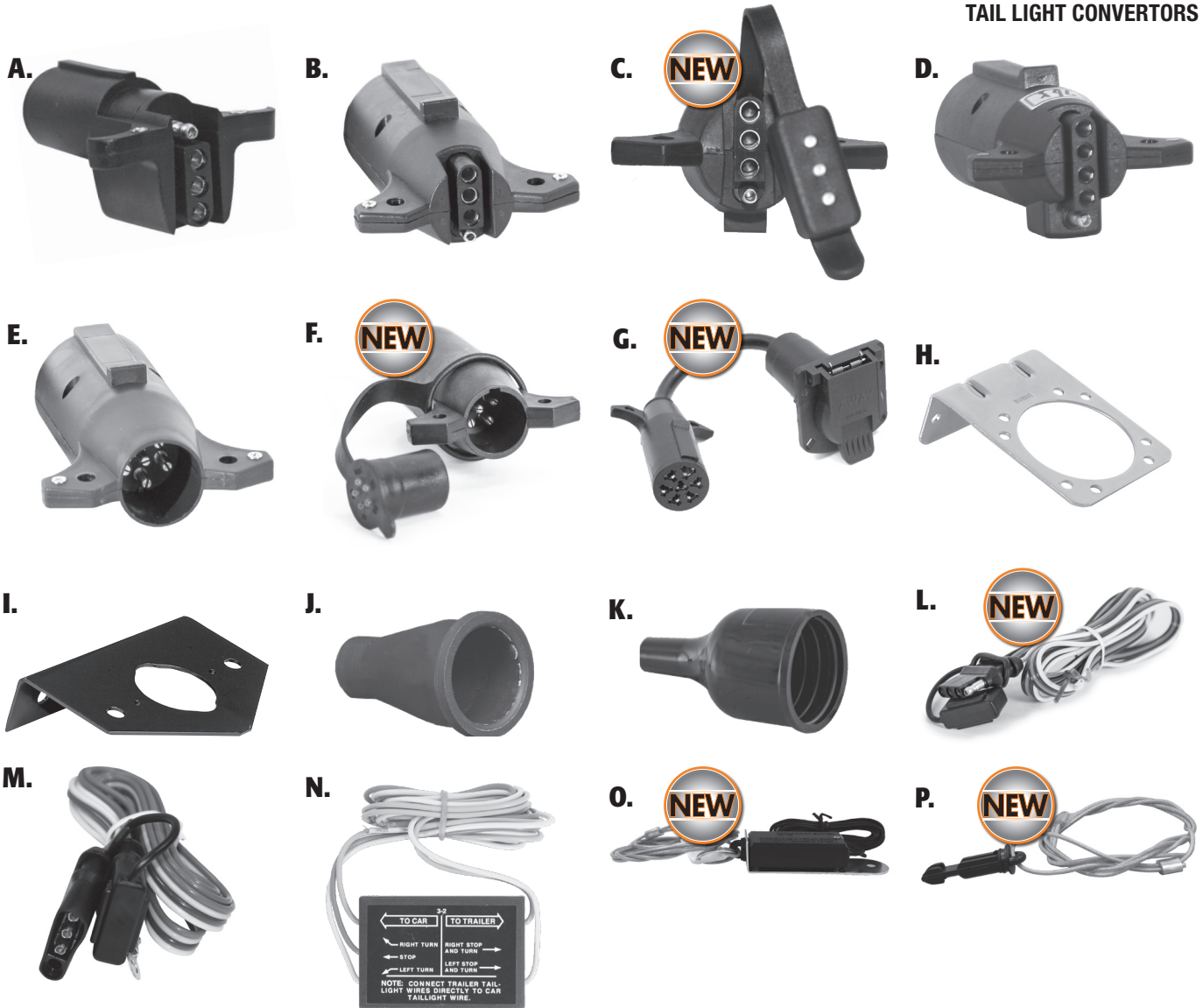


R. 7-Way Dual-Plug Trailer Connector
 • 7-way flat and 4 flat connections
 • Prewired 8" OEM style rear connector
 • Plastic housing
 • Built-in connection latch
 • Mounting bracket and hardware included

* Buyers Products is not authorized by nor affiliated with the manufacturer of Brophy™ or Pollak™ products.

TOWING & CARGO CONTROL

TRAILER CONNECTOR ADAPTERS, BRACKETS & ACCESSORIES TAIL LIGHT CONVERTORS



ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A	TC2064P 6-Way Round to 4-Way Round Adapter, Plastic	0.22 lbs.	542 (N)
	B	TC2074P 7-Way Flat to 4-Way Flat Adapter, Plastic	0.18 lbs.	542 (N)
NEW B.P.C.	C	TC2074T 7-Way Flat to Flat Adapter w/Dust Cap, Plastic, LED Tester	0.55 lbs.	542 (N)
	D	TC2075P 7-Way Flat to 5-Way Round Adapter, Plastic	0.22 lbs.	542 (N)
	E	TC2076P 7-Way Flat to 6-Way Round Adapter, Plastic (center pin auxiliary power)	0.22 lbs.	542 (N)
NEW B.P.C.	F	TC2076T 7-Way Flat to 5-Flat Adapter w/Dust Cap, Plastic, Built-in Connection Latch, LED Tester	0.57 lbs.	542 (N)
NEW	G	TC1077P 7-Way Round to 7-Way Flat, Plastic, Prewired 3" connection, Built-in Connection Latch	0.80 lbs.	542 (N)
	H	TC107 7-Way (Flat) Trailer Connector Bracket, Zinc	0.15 lbs.	542 (N)
	I	TC1456 4-5-6 Way Trailer Connector Bracket, Zinc	0.20 lbs.	542 (N)
	J	TC1046B Rubber Boot, fits 4-5-6 Way Connectors	0.10 lbs.	542 (N)
	K	TC1007B Rubber Boot, fits 7-Way Connectors	0.10 lbs.	542 (N)
NEW	L	TC1242 4-Flat Vehicle Side Replacement Cable w/Dust Cap, Prewired 48" cable,	0.19 lbs.	542 (N)
	M	TC1244 4-Way Flat w/Cap, 48" Prewired Loop	0.25 lbs.	542 (N)
B.P.C.	N	5423203 Heavy-Duty (6 Amp) 3-2 Solid State Tail Light Converter	0.41 lbs.	542 (N)
NEW B.P.C.	O	5422010 Break-Away Switch, Bolt or Weld-On, 48" Plastic Coated High-Strength Cable	0.41 lbs.	542 (N)
NEW	P	5422012 Pin & Cable Replacement, used w/5422010	0.10 lbs.	542 (N)

= Available in Full Color Retail Package

TOOLBOXES & MOUNTING BRACKETS

STEEL UNDERBODY TOOLBOXES



Steel Underbody Toolboxes

- 14-gauge steel box*
- 12-gauge steel door or black diamond tread aluminum door
- Recessed door and beveled door edges protect from moisture & road dirt.
- 1/2" thick gasket system
- Stainless steel, continuous hidden hinge
- Reinforced door backbone protects latch mechanism
- Stainless steel locking rotary paddle latch, T-handle latch or die cast T-handle compression latch on aluminum door
- "Aircraft cable" door retainers
- Replaceable doors
- Powder coated for corrosion resistance
- Available in black, white, or primed

Not Pictured - 1703351 & 1703352

NEW Have angled top to allow room for fuel fill hoses on single rear wheel flat beds

ORDERING INFORMATION						
PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.
BLACK, STAINLESS STEEL ROTARY PADDLE LATCH						
A 1703150	14	12	24	1	48 lbs.	530 (Y)
A 1703100	14	16	24	1	56 lbs.	530 (Y)
A 1703103	14	16	30	1	65 lbs.	530 (Y)
A 1702100	18	18	24	1	67 lbs.	530 (Y)
A 1702103	18	18	30	1	80 lbs.	530 (Y)
A 1702105	18	18	36	1	92 lbs.	530 (Y)
A 1702110	18	18	48	2	118 lbs.	530 (Y)
A 1702115	18	18	60	2	143 lbs.	530 (Y)
BLACK w/DIAMOND TREAD ALUMINUM DOOR & DIE-CAST T-HANDLE COMPRESSION LATCH						
B 1702500	18	18	24	1	61 lbs.	530 (Y)
B 1702503	18	18	30	1	72 lbs.	530 (Y)
B 1702505	18	18	36	1	82 lbs.	530 (Y)
B 1702510	18	18	48	2	104 lbs.	530 (Y)
BLACK, STAINLESS STEEL T-HANDLE LATCH						
C 1703349	14	12	18	1	40 lbs.	530 (Y)
C 1703350	14	12	24	1	48 lbs.	530 (Y)
C 1703300	14	16	24	1	56 lbs.	530 (Y)
C 1703303	14	16	30	1	65 lbs.	530 (Y)
C 1703305	14	16	36	1	74 lbs.	530 (Y)
C 1703330	16	14	18	1	50 lbs.	530 (Y)
C 1702295	18	18	18	1	47 lbs.	530 (Y)
C 1702300	18	18	24	1	67 lbs.	530 (Y)
C 1702303	18	18	30	1	80 lbs.	530 (Y)
C 1702305	18	18	36	1	92 lbs.	530 (Y)
C 1702310	18	18	48	2	118 lbs.	530 (Y)
C 1702315	18	18	60	2	143 lbs.	530 (Y)
C 1702317*	18	18	66	2	186 lbs.	530 (Y)
C 1702325	18	18	72	2, 2 Doors	156 lbs.	530 (Y)
C 1704300	24	24	24	1	87 lbs.	530 (Y)
C 1704303	24	24	30	1	100 lbs.	530 (Y)
C 1704305	24	24	36	1	116 lbs.	530 (Y)
C 1704310	24	24	48	2	145 lbs.	530 (Y)
C 1704315	24	24	60	2	175 lbs.	530 (Y)
C 1708310	18	24	48	2	133 lbs.	530 (Y)
BLACK, STAINLESS STEEL T-HANDLE LATCH w/SLANT TOP						
1703351	14	12	18	1	37 lbs.	530 (Y)
1703352	14	12	24	1	46 lbs.	530 (Y)

ORDERING INFORMATION						
PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.
WHITE, STAINLESS STEEL ROTARY PADDLE LATCH						
D 1703203	14	16	30	1	65 lbs.	530 (Y)
D 1702200	18	18	24	1	67 lbs.	530 (Y)
D 1702203	18	18	30	1	80 lbs.	530 (Y)
D 1702205	18	18	36	1	92 lbs.	530 (Y)
D 1702210	18	18	48	2	118 lbs.	530 (Y)
D 1702215	18	18	60	2	143 lbs.	530 (Y)
WHITE, STAINLESS STEEL T-HANDLE LATCH						
E 1703400	14	16	24	1	56 lbs.	530 (Y)
E 1703403	14	16	30	1	65 lbs.	530 (Y)
E 1703405	14	16	36	1	71 lbs.	530 (Y)
E 1702400	18	18	24	1	67 lbs.	530 (Y)
E 1702403	18	18	30	1	80 lbs.	530 (Y)
E 1702405	18	18	36	1	92 lbs.	530 (Y)
E 1702410	18	18	48	2	118 lbs.	530 (Y)
E 1702415	18	18	60	2	143 lbs.	530 (Y)
E 1702417*	18	18	66	2	186 lbs.	530 (Y)
E 1708410	18	24	48	2	133 lbs.	530 (Y)
E 1704400	24	24	24	1	87 lbs.	530 (Y)
E 1704403	24	24	30	1	100 lbs.	530 (Y)
E 1704405	24	24	36	1	116 lbs.	530 (Y)
E 1704410	24	24	48	2	145 lbs.	530 (Y)
E 1704415	24	24	60	2	175 lbs.	530 (Y)
PRIMED, STAINLESS STEEL T-HANDLE LATCH						
F 1703900	14	16	24	1	56 lbs.	530 (Y)
F 1702900	18	18	24	1	67 lbs.	530 (Y)
F 1702905	18	18	36	1	92 lbs.	530 (Y)
F 1702910	18	18	48	2	118 lbs.	530 (Y)

*66" boxes are constructed of 12-gauge steel box
All toolboxes are individually boxed for shipping

TOOLBOXES & MOUNTING BRACKETS

STAINLESS STEEL & POLYMER UNDERBODY TOOLBOXES BRACKETS



A. 100% Polished Stainless Steel Underbody

- 16 gauge polished stainless steel box and door
- Pan formed door
- D-Bulb door seal
- Die cast locking T-handle compression latch
- Stainless steel continuous hinge protects from moisture and road dirt
- Aircraft cable door retainers
- No surface bolts or weld marks on door

B. - D. Stainless Steel Underbody Toolboxes

- 14-gauge SS (mil finish) or powder coated steel box
- 14-gauge, bright polished, SS door
- Recessed/beveled door (doors are replaceable)
- Rain channel design, 1/2" door gasket
- Die cast locking T-handle compression latch(es)
- SS continuous hinge protects from moisture & road dirt
- Reinforced door backbone strengthens the integrity of the door and protects the latch mechanism
- No surface bolts or weld marks on door
- "Aircraft cable" door retainers
- Full open door (remove cable & door opens completely)

E. Polymer Underbody

Toolboxes

- Constructed of molded high-density ribbed polyethylene
- D-bulb door seal protects from the elements
- Stainless steel recessed locking T-handle 3-point latch w/roller (includes 2 keys)
- Strong double-wall door
- 1/4" stainless steel full width hinge pin

ORDERING INFORMATION

	PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.
POLISHED STAINLESS STEEL BOX & DOOR w/DIE-CAST T-HANDLE							
A	1702650	18	18	24	1	48 lbs.	530 (N)
A	1702653	18	18	30	1	57 lbs.	530 (N)
A	1702655	18	18	36	1	65 lbs.	530 (N)
A	1702660	18	18	48	2	80 lbs.	530 (N)
BLACK STEEL BOX w/POLISHED STAINLESS STEEL DOOR							
B	1703700	14	16	24	1	55 lbs.	530 (Y)
B	1703703	14	16	30	1	64 lbs.	530 (Y)
B	1703705	14	16	36	1	71 lbs.	530 (Y)
B	1702700	18	18	24	1	72 lbs.	530 (Y)
B	1702703	18	18	30	1	81 lbs.	530 (Y)
B	1702705	18	18	36	1	101 lbs.	530 (Y)
B	1702710	18	18	48	2	110 lbs.	530 (Y)
B	1702715	18	18	60	2	132 lbs.	530 (Y)
B	1702725	18	18	72	2, 2 doors	156 lbs.	530 (Y)
B	1704705	24	24	36	1	132 lbs.	530 (Y)
B	1704710	24	24	48	2	169 lbs.	530 (Y)
B	1704715	24	24	60	2	227 lbs.	530 (Y)

ORDERING INFORMATION

	PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.
STAINLESS STEEL BOX w/POLISHED STAINLESS STEEL DOOR							
C	1702595	18	18	18	1	51.5 lbs.	530 (Y)
C	1702600	18	18	24	1	72 lbs.	530 (Y)
C	1702603	18	18	30	1	81 lbs.	530 (Y)
C	1702605	18	18	36	1	101 lbs.	530 (Y)
C	1702610	18	18	48	2	110 lbs.	530 (Y)
WHITE STEEL BOX w/POLISHED STAINLESS STEEL DOOR							
D	1702805	18	18	36	1	101 lbs.	530 (Y)
D	1702810	18	18	48	2	110 lbs.	530 (Y)
D	1702815	18	18	60	2	132 lbs.	530 (Y)
POLYMER BOX							
E	1717100	18	18	24	1	24 lbs.	530 (Y)
E	1717105	18	18	36	1	31 lbs.	530 (Y)
E	1717110	18	18	48	1	42 lbs.	530 (Y)

All toolboxes are individually boxed for shipping

ACCESSORIES

	PART NO.	DESCRIPTION	DIM.	WT.	CAT.	
F	1701000	Steel Underbody Mounting Brackets, for 24" & 36" Poly	15"x14"	15.5 lbs.	531 (Y)	
F	1701001	Steel Underbody Mounting Brackets, for 48" Poly	15"x14"	11 lbs.	531 (Y)	
NEW	G	1701006	Welded Brackets, Formed Steel	18"x18"	16 lbs.	531 (Y)
NEW	G	1701011	Welded Brackets, Formed Steel	18"x24"	19 lbs.	531 (Y)
NEW	G	1701006B	Bolted Brackets, Formed Steel	18"x18"	16 lbs.	531 (Y)
NEW	G	1701011B	Bolted Brackets, Formed Steel	18"x24"	19 lbs.	531 (Y)
NEW	G	1701016	Welded Brackets, Formed Steel	24"x24"	22 lbs.	531 (Y)
G	1701005	Welded Brackets, Structural Steel	18"x18"	24 lbs.	531 (Y)	
G	1701010	Welded Brackets, Structural Steel	18"x24"	27 lbs.	531 (Y)	
G	1701005B	Bolted Brackets, Structural Steel	18"x18"	24 lbs.	531 (Y)	
G	1701010B	Bolted Brackets, Structural Steel	18"x24"	27 lbs.	531 (Y)	
G	1701015	Welded Brackets, Structural Steel	24"x24"	32 lbs.	531 (Y)	
H	1701030	Welded Brackets, Alum	18"x18"	7.5 lbs.	531 (Y)	
H	1701040	Welded Brackets, Alum	24"x24"	10 lbs.	531 (Y)	
I	1701031	Welded Brackets, SS	18"x18"	19 lbs.	531 (Y)	
I	1701041	Welded Brackets, SS	18"x24"	22 lbs.	531 (Y)	



F. Poly Box Mounting Brackets

- Constructed of heavy-duty 2" C-channel A-36 steel
- Black powder coated
- Channel fits inside toolbox ribs
- Pre-drilled 7/16" mounting holes (nuts/bolts not included)
- Sold in boxed pairs

G. Steel Mounting Brackets

- Constructed of heavy-duty, formed 3" steel C-channel, black powder coated for corrosion resistance, Universal hole pattern for quick and easy mounting,
- Available with welded braces or bolt-on braces
- Available in structural steel
- Sold in boxed pairs

H. Aluminum Mounting Brackets

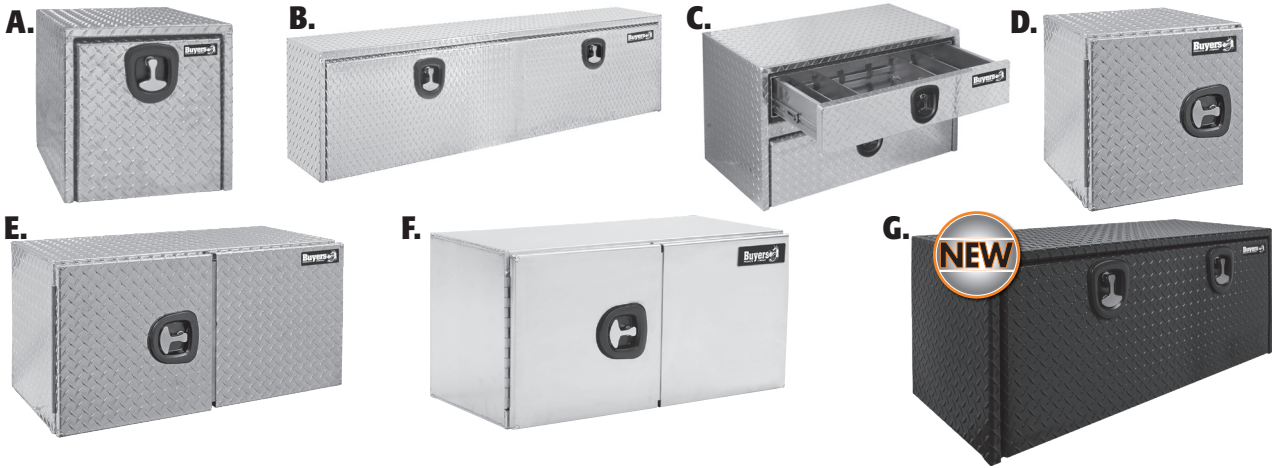
- Aluminum Construction
- 1/4" formed Aluminum angles
- Welded braces
- Sold in boxed pairs

I. Stainless Steel Mounting Brackets

- Stainless Steel Construction
- Universal hole pattern for quick and easy mounting,
- Welded braces
- Sold in boxed pairs

TOOLBOXES & MOUNTING BRACKETS

ALUMINUM UNDERBODY TOOLBOXES



A. - B Aluminum Underbody

- Recessed/beveled door
- Rain channel design
- Reinforced door backbone, on 30" and up, strengthens door's integrity & protects latch mechanism
- 1/2" door gasket (automotive-style)
- Continuous hidden hinge protects from moisture & road dirt
- Stainless steel die-cast T-handle compression latch (two latches on 48" & 60")
- .100" mil bright polished diamond tread aluminum
- Replaceable doors
- Doors interchangeable with steel underbodies

C. Aluminum Underbody w/Drawer

- Top drawer w/adjustable dividers
- 100 lb. rated drawer slides
- Bottom flip-down door
- Aluminum diamond tread
- Weather resistant rain gutter design
- 1/2" thick gasket system helps to seal out weather and road grime
- Can mount on flat surface w/180° bottom door opening
- .100" mil bright polished diamond tread aluminum

D. - E. Barn-Door Style Aluminum Underbody

- 3 point latch system
- Constructed with the same design elements as the standard recessed door aluminum underbody
- Feature doors that swing outward, rather than downward, providing closer access to the contents of the box
- Single left-swing door on boxes 30" wide and smaller
- Double doors on boxes 36" wide and larger. Doors swing out from center and include two T-handle latches on right door. All double-door styles feature "full access" openings
- .100" mil bright polished diamond tread aluminum
- Recessed door and continuous hinge
- No center post for maximum door opening

F. Smooth Aluminum Double Barn-Door Style Underbody

- 3 point latch system
- .125" thickness smooth aluminum construction
- T.I.G. welded corners
- Stainless steel continuous hinges
- Locking T-handle compression latch
- D-bulb door seal
- No center post for maximum door opening

G. Aluminum Black Powder Coat Underbody

- 3 point latch system
- Exterior door with full gutter design for improved sealing
- .100" mil aluminum, diamond tread, black powder coat
- T.I.G. welded corners
- Stainless steel continuous hinges
- Die cast locking T-handle compression latch
- D-bulb door seal
- No center post for maximum door opening

ORDERING INFORMATION							
PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.	
ALUMINUM RECESSED DOOR, T-HANDLE LATCH							
A 1705150	14	12	24	1	23 lbs.	530 (Y)	
A 1705160	14	16	24	1	25 lbs.	530 (Y)	
A 1705101	18	18	18	1	30 lbs.	530 (Y)	
A 1705100	18	18	24	1	32.5 lbs.	530 (Y)	
A 1705103	18	18	30	1	38.5 lbs.	530 (Y)	
A 1705105	18	18	36	1	43 lbs.	530 (Y)	
B 1705110	18	18	48	2	56.5 lbs.	530 (Y)	
B 1705115	18	18	60	2	66 lbs.	530 (Y)	
B 1705120	18	24	48	2	63.5 lbs.	530 (Y)	
A 1705130	24	24	24	1	45 lbs.	530 (Y)	
A 1705133	24	24	30	1	52 lbs.	530 (Y)	
A 1705135	24	24	36	1	59.5 lbs.	530 (Y)	
B 1705140	24	24	48	2	75 lbs.	530 (Y)	
B 1705145	24	24	60	2	88.5 lbs.	530 (Y)	
C 1712205	20	18	36	2	53 lbs.	530 (Y)	
C 1712210	20	18	48	2	85 lbs.	530 (Y)	
ALUMINUM LEFT SWING SINGLE DOOR, T-HANDLE							
D 1705201	18	18	18	1	27 lbs.	530 (Y)	
D 1705200	18	18	24	1	36 lbs.	530 (Y)	
D 1705203	18	18	30	1	42 lbs.	530 (Y)	

NEW
NEW
NEW
NEW
NEW
NEW

ORDERING INFORMATION							
PART NO.	HEIGHT	DEPTH	WIDTH	# LATCHES	WEIGHT	CAT.	
ALUMINUM DOUBLE BARN DOOR, T-HANDLE							
E 1702235	24	24	36	2	71 lbs.	530 (Y)	
E 1702240	24	24	48	2	76 lbs.	530 (Y)	
E 1702250	24	24	60	2	87 lbs.	530 (Y)	
E 1705205	18	18	36	2	49 lbs.	530 (Y)	
E 1705210	18	18	48	2	63 lbs.	530 (Y)	
E 1705215	18	18	60	2	77 lbs.	530 (Y)	
SMOOTH ALUMINUM DOUBLE BARN DOOR, T-HANDLE							
F 1705305	18	18	36	2	49 lbs.	530 (Y)	
F 1705310	18	18	48	2	63 lbs.	530 (Y)	
F 1705315	18	18	60	2	77 lbs.	530 (Y)	
F 1705335	24	24	36	2	75 lbs.	530 (Y)	
F 1705340	24	24	48	2	87 lbs.	530 (Y)	
F 1705345	24	24	60	2	99 lbs.	530 (Y)	
ALUMINUM BLACK POWDER COAT W/DIE-CAST T-HANDLE							
G 1725100	18	18	24	1	30 lbs.	530 (Y)	
G 1725105	18	18	36	1	42 lbs.	530 (Y)	
G 1725110	18	18	48	2	52 lbs.	530 (Y)	
G 1725130	24	24	24	1	46 lbs.	530 (Y)	
G 1725135	24	24	36	1	59 lbs.	530 (Y)	
G 1725140	24	24	48	2	76 lbs.	530 (Y)	

All toolboxes are individually boxed for shipping

TOOLBOXES & MOUNTING BRACKETS

3-POINT LATCH UNDERBODY TOOLBOXES

A.



ORDERING INFORMATION

	PART NO.	HEIGHT	DEPTH	WIDTH	LATCHES PER DOOR	WEIGHT	CAT.
	BLACK, STEEL 3-POINT, DIE-CAST T-HANDLE LATCH						
NEW	A 1732300	18	18	24	1	59 lbs.	530 (Y)
NEW	A 1732303	18	18	30	1	70 lbs.	530 (Y)
NEW	A 1732305	18	18	36	1	83 lbs.	530 (Y)
NEW	A 1734300	24	24	24	1	84 lbs.	530 (Y)
NEW	A 1734303	24	24	30	1	95 lbs.	530 (Y)
NEW	A 1734305	24	24	36	1	110 lbs.	530 (Y)
	WHITE, STEEL 3-POINT, DIE-CAST T-HANDLE LATCH						
NEW	A 1732400	18	18	24	1	59 lbs.	530 (Y)
NEW	A 1732403	18	18	30	1	70 lbs.	530 (Y)
NEW	A 1732405	18	18	36	1	83 lbs.	530 (Y)
NEW	A 1734400	24	24	24	1	84 lbs.	530 (Y)
NEW	A 1734403	24	24	30	1	95 lbs.	530 (Y)
NEW	A 1734405	24	24	36	1	110 lbs.	530 (Y)
	ALUMINUM DIA. TREAD STEEL 3-POINT, DIE-CAST T-HANDLE LATCH						
NEW	A 1735100	18	18	24	1	32.5 lbs.	530 (Y)
NEW	A 1735103	18	18	30	1	38 lbs.	530 (Y)
NEW	A 1735105	18	18	36	1	44 lbs.	530 (Y)
NEW	A 1735130	24	24	24	1	45 lbs.	530 (Y)
NEW	A 1735133	24	24	30	1	58 lbs.	530 (Y)
NEW	A 1735135	24	24	36	1	63 lbs.	530 (Y)

All toolboxes are individually boxed for shipping

A. 3-Point Latch Underbody

- 3-Point die-cast T-handle latch system means better security, tighter door seal & less stress on the hinges
- Reinforced door backbone protects the latch mechanism & strengthens the door integrity
- Replaceable doors
- Stainless steel, continuous hidden hinge protects from moisture & road debris
- 1/2" door gasket
- Available In: 14 gauge steel box/12 gauge steel door with black or white powder coat finish or .100" mil bright polished diamond tread aluminum
- No surface bolts or weld marks on door
- "Aircraft cable" door retainers
- Can mount on flat surface with 180° door opening (remove cable and door opens completely)

TOOLBOXES & MOUNTING BRACKETS

STEEL & ALUMINUM TOPSIDE TOOLBOXES



A. Steel Topside Toolboxes

- Large 14" tall door opening and the recessed door provide easy access to spacious storage area
- Full length stainless steel continuous hinge on doors offers a sturdy, durable and smooth performance
- Full open door (remove cable and door opens completely)
- Replaceable doors
- Reinforced do Rain channel and door gasket keep moisture and dust out
- 16-gauge steel box; 14-gauge steel doors
- Stainless steel folding T-handle with lock for security (two per door on 96")
- Optional trays require no drilling; easy to remove
- White or black powder coat finish
- All mounting hardware included
- Support legs mount directly into bed floor, not into fender
- Thick, 3" wide rubber pad protects truck side rail
- No drilling in side rail; J-bolts fasten under bed lip
- Two Doors

B. Aluminum Topside Toolboxes

- Two large 12" tall doors with full-length continuous hinge and recessed frame
- Heavy-duty steel support legs mount directly into bed floor, not into fender
- Contractor grade diamond bright tread aluminum box
- Thick 3" wide rubber pad protects truck side rail
- No drilling in side rail; J-bolts fasten under bed lip
- Stainless steel die cast T-handle compression latch with lock for security
- Full-weather stripping keeps moisture and dust out
- Two Doors
- Available with black powder coat

C. Contractor-Style Aluminum Topside Toolboxes

- Slanted double level box designed to match the cab angle.
- Full-length lower compartment provides access for longer items.
- Upper compartment features top-opening doors with gas shocks (one door on 72" box; two doors on 88" & 96" boxes)
- Stainless steel locking T-handles on all doors
- Mounting legs and hardware included for easy installation
- Full weather stripping keeps moisture and dust out
- Available with bottom drawers
- Available with black powder coat

D. Contractor-Style Aluminum Topside Toolboxes with Drawers

- Two Bottom Drawers with Adjustable Dividers
- 100 lb. Rated Drawer Slides
- 063" Thick Aluminum Diamond Tread
- Includes Stainless Steel Locking T-Handles
- Weather Resistant Rain Gutter Design
- 1/2" Thick Gasket System Helps to Seal Out Weather and Road Grime
- Mounting Legs & Hardware Included for Easy Installation
- Available with black powder coat

ORDERING INFORMATION						
PART NO.	HEIGHT	DEPTH	WIDTH	LATCHES PER DOOR	WEIGHT	CAT.
WHITE, STAINLESS STEEL T-HANDLE LATCH						
A 1702840	16	13	72	1	115 lbs.	530 (Y)
A 1702850	16	13	88	1	120 lbs.	530 (Y)
A 1702860	16	13	96	2	128 lbs.	530 (Y)
A 1702840TRAY	2.25/4	10.75	35	-	11 lbs.	530 (Y)
A 1702850TRAY	2.25/4	10.75	43	-	14 lbs.	530 (Y)
A 1702860TRAY	2.25/4	10.75	47	-	15 lbs.	530 (Y)
BLACK, STAINLESS STEEL T-HANDLE LATCH						
A 1702940	16	13	72	1	115 lbs.	530 (Y)
A 1702950	16	13	88	1	120 lbs.	530 (Y)
A 1702960	16	13	96	2	128 lbs.	530 (Y)
A 1702940TRAY	2.25/4	10.75	35	-	11 lbs.	530 (Y)
A 1702950TRAY	2.25/4	10.75	43	-	14 lbs.	530 (Y)
A 1702960TRAY	2.25/4	10.75	47	-	15 lbs.	530 (Y)

ORDERING INFORMATION						
PART NO.	HEIGHT	DEPTH	WIDTH	LATCHES PER DOOR	WEIGHT	CAT.
ALUMINUM TOPSIDE, T-HANDLE						
B 1701551	16	13	72	1	78 lbs.	530 (Y)
B 1701556	16	13	88	1	89 lbs.	530 (Y)
B 1701561	16	13	96	2	92 lbs.	530 (Y)
B 1701565	18	16	90	1	99 lbs.	530 (Y)
B 1701568	18	16	96	2	103 lbs.	530 (Y)
BLACK POWDER COAT, ALUMINUM TOPSIDE, T-HANDLE						
B 1701551	16	13	72	1	78 lbs.	530 (Y)
B 1701556	16	13	88	1	89 lbs.	530 (Y)
B 1701561	16	13	96	2	92 lbs.	530 (Y)
B 1701565	18	16	90	1	99 lbs.	530 (Y)
B 1701568	18	16	96	2	103 lbs.	530 (Y)
CONTRACTOR ALUMINUM TOPSIDE, T-HANDLE						
C 1705640	21	13.5/10	72	2	68.5 lbs.	530 (Y)
C 1705650	21	13.5/10	88	2	83.5 lbs.	530 (Y)
C 1705660	21	13.5/10	96	2	88.5 lbs.	530 (Y)
BLACK POWDER COAT, CONTRACTOR ALUMINUM TOPSIDE, T-HANDLE						
C 1725640	21	13.5/10	72	2	68.5 lbs.	530 (Y)
C 1725650	21	13.5/10	88	2	83.5 lbs.	530 (Y)
C 1725660	21	13.5/10	96	2	88.5 lbs.	530 (Y)
CONTRACTOR ALUMINUM TOPSIDE w/DRAWERS, T-HANDLE						
D 1705641	21	13.5/10	72	2	58 lbs	530 (Y)
D 1705651	21	14	88	2	91 lbs.	530 (Y)
BLACK POWDER COAT, CONTRACTOR ALUMINUM TOPSIDE w/DRAWERS, T-HANDLE						
D 1725641	21	13.5/10	72	2/1	58 lbs	530 (Y)
D 1725651	21	14	88	2/1	91 lbs.	530 (Y)

All toolboxes are individually boxed for shipping

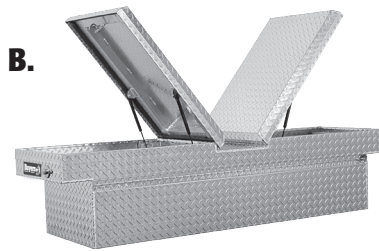
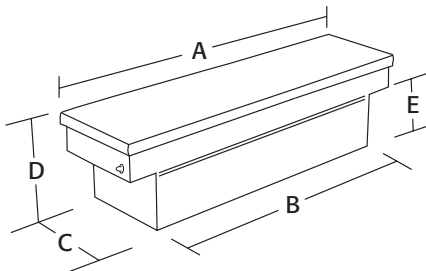
TOOLBOXES & MOUNTING BRACKETS

ALUMINUM & POLYMER CROSS & LO-SIDE TOOLBOXES



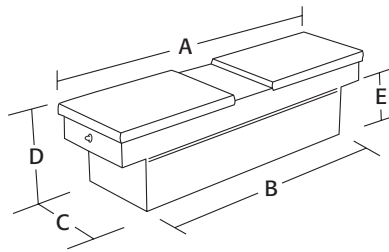
A. Aluminum Single Lid Cross Boxes

- Suspends from pickup side rails, allowing clearance underneath.
- Constructed of heavy-duty diamond tread aluminum
- Wide open lid with two gas shocks
- Stainless steel one-touch push-button rotary locking mechanism on both ends provide easy access from either side of truck
- Features removable tray with dividers
- Fits all full-size pickup trucks with 6½' and 8' beds
- Includes mounting hardware; J-hook mounting requires no drilling in truck side rails



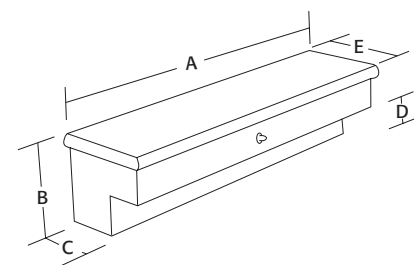
B. Aluminum Gull-Wing Cross Boxes

- Suspends from pickup side rails, allowing clearance underneath
- Two gull-wing style lids provide easy access from either side of truck
- Lids feature stainless steel one-touch push-button rotary locking mechanism and two gas shocks per lid
- Features removable tray w/divider
- Fits all full-size pickup trucks with 6½' and 8' beds
- Includes mounting hardware; J-hook mounting requires no drilling in truck side rails



C. Aluminum Lo-Side Toolboxes

- Low profile boxes mount on pickup truck side rail
- Constructed of heavy-duty diamond tread aluminum
- Top-opening lid features one-touch stainless steel push-button rotary locking mechanism and two gas shocks
- Use separately or with cross box/saddle box (note: when used w/20" wide crossbox, 70" lo-side toolbox provides maximum toolbox use on long bed pickups)
- Features removable tray w/dividers
- Includes heavy-duty steel mounting legs and hardware; J-hook mounting requires no drilling in truck side rails
- Available with black powder coat



ORDERING INFORMATION

PART NO.	APPLICATION	A	B	C	D	E	CUBIC FT.	WEIGHT	CAT
CROSS BOX SINGLE LID									
A 1709305	Full-size pickup with 6½' or 8' bed	71	60	20	18	11	11.1	75 lbs.	530 (Y)
A 1709308	Full-size pickup with 6½' or 8' bed	71	60	20	23	16	14.2	77 lbs.	530 (Y)
A 1709315	Full-size pickup with 6½' or 8' bed	71	60	27	18	11	15.1	89 lbs.	530 (Y)
A 1709318	Full-size pickup with 6½' or 8' bed w/ slant	71	60	27	23	16	19.1	91 lbs.	530 (Y)
CROSS BOX GULL-WING									
B 1710305	Full-size pickup with 6½' or 8' bed	71	60	20	18	11	11.1	67 lbs.	530 (Y)
B 1710308	Full-size pickup with 6½' or 8' bed	71	60	20	23	16	14.2	73 lbs.	530 (Y)
B 1710315	Full-size pickup with 6½' or 8' bed	71	60	27	18	11	15.1	81 lbs.	530 (Y)
B 1710318	Full-size pickup with 6½' or 8' bed w/ slant	71	60	27	23	16	19.1	85 lbs.	530 (Y)
LO-SIDE TOOLBOX									
C 1711010	Varies Depending on Configuration	47	13	10.5	6	16	5.2	23 lbs.	530 (Y)
C 1711020	Varies Depending on Configuration	56	13	10.5	6	16	3.4	47 lbs.	530 (Y)
C 1711025	Varies Depending on Configuration	70	13	10.5	6	16	4.0	52 lbs.	530 (Y)
C 1711030	Varies Depending on Configuration	87	13	10.5	6	16	6.3	63 lbs.	530 (Y)
BLACK POWDER COAT, LO-SIDE TOOLBOX									
C 1721010	Varies Depending on Configuration	47	13	10.5	6	16	5.2	23 lbs.	530 (Y)
C 1721020	Varies Depending on Configuration	56	13	10.5	6	16	3.4	47 lbs.	530 (Y)
C 1721025	Varies Depending on Configuration	70	13	10.5	6	16	4.0	52 lbs.	530 (Y)
C 1721030	Varies Depending on Configuration	87	13	10.5	6	16	6.3	63 lbs.	530 (Y)

All toolboxes are individually boxed for shipping

NEW
NEW
NEW
NEW

TOOLBOXES & MOUNTING BRACKETS

CHEST TOOLBOXES



A. All-Purpose Polymer Chest

- Large capacity, low profile chest
- Constructed of heavy-duty molded high-density black polyethylene
- Top-opening lid w/zinc hasp (2 hasps on 1712240 & 1712255)
- Mount to floor of pickup beds, trailer, garages, etc.



B. All-Purpose Chest

- Large capacity, low profile chest mounts to bed of pickup
- Angled body design is ideal for use with fifth wheel & gooseneck trailer applications
- Offset body design allows chest to be placed against front of pickup bed wall, with full lid access
- Constructed of heavy-duty diamond tread aluminum (front, ends & lid); smooth aluminum (back & bottom)
- Top-opening lid features two gas shocks and one-touch stainless steel push-button rotary locking mechanism on driver's side
- Two zinc-plated chest handles for easy lifting



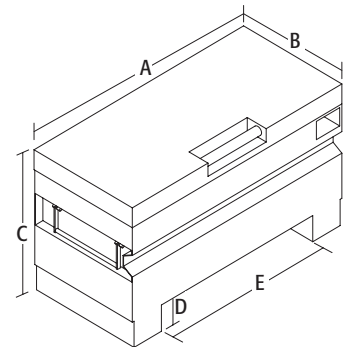
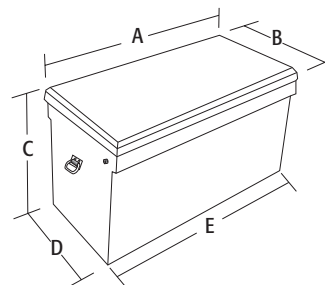
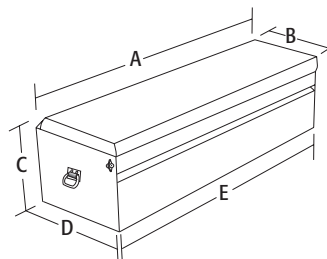
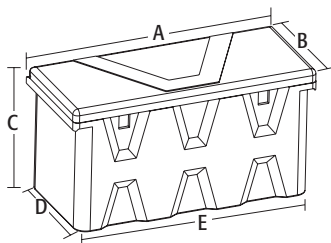
C. All-Purpose Jumbo Chest

- Large capacity, low profile chest mounts to bed of pickup
- Constructed of heavy-duty diamond tread aluminum (front, ends & lid); smooth aluminum (back & bottom)
- Top-opening lid features two gas shocks and one-touch push-button rotary locking mechanism on driver's side
- Fits full-size pickups with 6½' & 8' beds. 1712110 also fits Chevy S10, Dodge Ram and Ford Ranger 7' beds
- Two zinc-plated chest handles for easy lifting



D. All-Purpose Steel Work Site Tool Box

- Ideal for secure truck, shop and job site storage.
- Mig-welded, 16 gauge steel construction.
- Durable, black wrinkle-style powder coat finish.
- Reinforced, concealed hinged lid with lift handle and props.
- Self-folding recessed handles.
- Rugged fork lift/caster skids (casters not included).
- Recessed lock housing prevents tampering. Corner-mounted for extra strength.
- Two-point dead bolt lock provides maximum security.



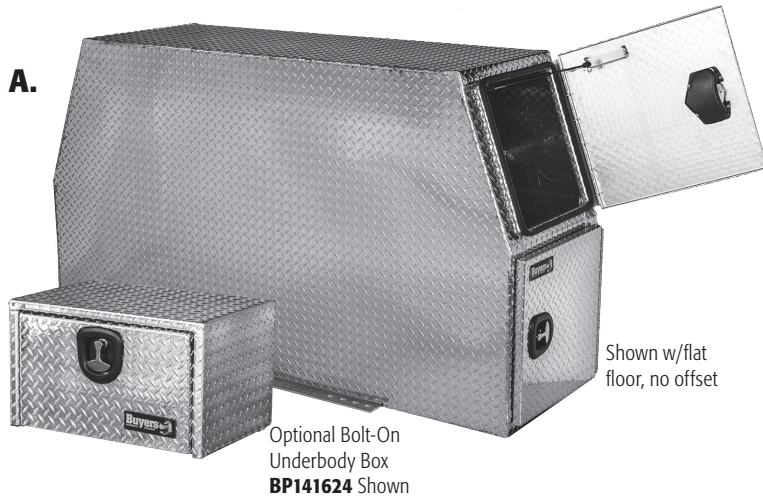
ORDERING INFORMATION

PART NO.	APPLICATION	A	B	C	D	E	CUBIC FT.	WEIGHT	CAT
POLYMER ALL-PURPOSE CHEST									
A 1712230	Multipurpose - One Zinc Hasp	32	15	13½	9¼	29½	2.6	16 lbs.	530 (Y)
A 1712240	Multipurpose - Two Zinc Hasp	44	19	17¼	13¼	41¼	6.3	28 lbs.	530 (Y)
A 1712250	Multipurpose - One Zinc Hasp	51	19½	22½	18¾	47	8.4	34 lbs.	530 (Y)
A 1712255	Multipurpose - Two Zinc Hasp	51	23	26	21	47¼	15.8	46 lbs.	530 (Y)
A 1712260	Multipurpose - Two Zinc Hasp	77	25	23	19	73	18.8	52 lbs.	530 (Y)
ALL-PURPOSE CHEST									
B 1712010	Most Pickups (front slant on chest)	47	20	19	16	47	10	52.5 lbs.	530 (Y)
B 1712020	Full-size Pickups, Long & Short Bed (front slant on chest)	55	20	19	16	54	12	55 lbs.	530 (Y)
B 1712030	Full-size Pickups, Long & Short Bed (front & side slant on chest)	60	20	19	16	52	12.5	60 lbs.	530 (Y)
B 1712035	Full-size Pickups, Long Bed Only (side slant on chest)	60	27	19	27	52	18	74 lbs.	530 (Y)
ALL-PURPOSE JUMBO CHEST									
C 1712110	Multipurpose	49	24	24	22	48	15	73.5 lbs.	530 (Y)
C 1712120	Multipurpose	49	30	30	28	48	24	92 lbs.	530 (Y)
STEEL ALL-PURPOSE WORK SITE TOOL BOX									
D 5301010	All Purpose Steel Work Site Toolbox, Black Wrinkle Coat	48	24.1	28¼	3½	38	6.3	161 lbs.	530 (Y)

All toolboxes are individually boxed for shipping

TOOLBOXES & MOUNTING BRACKETS

B-PACK TOOLBOXES



A. Aluminum B-Pack Toolbox

- Adds convenient and spacious storage behind the cab
- Ideal for flatbeds, stake bodies, dump bodies, and utility bodies
- Two stationary shelves plus floor storage
- Two Folding J Hooks (passenger side)
- Four doors w/stainless steel rivetless locking die-cast T-handle latches
- Automotive rubber bulb sealed doors with gas spring door holders
- Built-in frame mounting rails which save time on installation
- Oversized, 1/4" pin continuous door hinges
- Includes 3008086 universal zinc plated spring cushioned mounting kit (*fits most domestic trucks with up to 10" tall frames*)
- Comes with reinforced mounting points (Underbody box is reinforced at four corners for installation on right or left side of B-Pack)
- Optional BP141624 includes Bolt-on mounting kit

BP824624: Overall height is 46" on this flat bottom box used on flat beds & cab-over trucks
 BP825524: Overall height is 55", Height above floor level is 46", 9" hangs below floor level
 BP925824: Overall height is 58", Height above floor level is 49", 9" hangs below floor level
 BP926924: Overall height is 69 1/2", Height above floor level is 59", 10 1/2" hangs below floor level

B. Steel B-Pack Toolbox

- Black, White, or Primed Powder Coat Finish
- One adjustable shelf standard plus floor storage
- Optional adjustable shelf (51 1/2" L x 23" W x 1" H) is powder coated and includes fasteners.
- Two folding J hooks (passenger side)
- Four doors w/stainless steel rivetless locking stainless steel T-handle latches
- Automotive rubber bulb sealed doors with gas spring door holders
- Built-in frame mounting rails save time on installation
- Rugged 14 gauge steel body with 12 gauge doors
- Overall Dimensions: 85" L x 55" H x 24" W
- Optional steel bolt-on underbody toolbox
- Oversized, 1/4" pin stainless steel continuous door hinges

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
ALUMINUM DIAMOND TREAD B-PACK TOOLBOX			
A BP824624*	Aluminum B-Pack Toolbox (46"H x 24"D x 82"W), flat floor no offset	395 lbs.	592 (Y)
A BP825524	Aluminum B-Pack Toolbox (55"H x 24"D x 82"W)	421 lbs.	592 (Y)
A BP925824	Aluminum B-Pack Toolbox (58"H x 24"D x 92"W)	380 lbs.	592 (Y)
A BP141624	Aluminum Bolt-On Optional Underbody Toolbox (14"H x 16"D x 24"W)	32 lbs.	530 (Y)
STEEL B-PACK TOOLBOX			
B BP855524B	Black Steel B-Pack Toolbox (55"H x 24"D x 85"W)	483 lbs.	592 (Y)
NEW B BP824624B	Black Steel B-Pack Toolbox (46"H x 24"D x 82"W), flat floor no offset	491 lbs.	592 (Y)
B BP855524W	White Steel B-Pack Toolbox (55"H x 24"D x 85"W)	483 lbs.	592 (Y)
NEW B BP824624W	White Steel B-Pack Toolbox (46"H x 24"D x 82"W), flat floor no offset	491 lbs.	592 (Y)
B BP855524P	Primed Steel B-Pack Toolbox (55"H x 24"D x 85"W)	483 lbs.	592 (Y)
ACCESSORIES			
1703300	Optional Steel Bolt-On Underbody Toolbox 14" H x 16" D x 24" W, Black	46 lbs.	530 (Y)
1703400	Optional Steel Bolt-On Underbody Toolbox 14" H x 16" D x 24" W, White	46 lbs.	530 (Y)
1703900	Optional Steel Bolt-On Underbody Toolbox 14" H x 16" D x 24" W, Primed	46 lbs.	530 (Y)
3008086	Universal Spring Cushioned Mounting Kit for B-Pack Toolboxes	17 lbs.	531 (Y)

*Designed for cab-over trucks & flatbeds. Features flat floor and one stationary shelf.

Failure to use supplied spring cushion mounting kit may void warranty on Aluminum B-Pack Toolboxes.

Additional sizes available as custom order.

TOOLBOXES & MOUNTING BRACKETS

TRAILER TONGUE BOXES ALUMINUM, HITCH CHEST, STEP BOXES



A. - D. Trailer Tongue Toolboxes

- Designed to mount to the front of A-Frame style trailers
- These toolboxes offer an easy way to add secure storage to your trailer
- Individually boxed for shipping.

Steel - constructed of 14/12-gauge powder coated steel with a dual striker stainless steel paddle latch

Aluminum - constructed of .063 mil diamond tread aluminum

Polymer - constructed of molded high-density polyethylene.

- Strong Double panel lid
- SS Hasp & Hinge on 1701679;
- Zinc Hasp on 171680

E. Hitch Chest Box

- Fits all 2" receiver tubes.
- Black powder coat steel base kit.
- Pre-drilled for easy assembly.
- Includes all hardware.
- 300 lb. capacity.
- Individually boxed for shipping.

1707010 -

- Polished diamond tread aluminum
- Two gas shocks support top opening lid.
- Two zinc-plated chest handles for easy lifting.
- Mini-sized stainless steel locking latch protects valuables.

F. Aluminum Step Box

- Provides framed steps w/built-in storage space
- Non-slip (grip punch) steps
- .125 smooth aluminum body
- .100 diamond tread aluminum door
- Single rubber D-bulb door seal protects from the elements
- Die-cast locking T-Latch & continuous hinge
- Corner gussets on door opening provide extra strength
- 1/8" thick integral corner braces provide mounting support (for heavy loads & toolboxes wider than 18", #1701015 steel mounting brackets are recommended to prevent stress cracks)
- For medium & heavy-duty trucks

G. Aluminum Between-the-Frame Toolbox

- Mounts between truck frame rails
- Body constructed of .100" smooth aluminum
- .100" Diamond tread aluminum lid is cross braced w/.190" aluminum
- Full width stainless steel hinge with 1/4" diameter pin
- Overlapping lid design w/full perimeter gutter & d-bulb seals
- Zinc plated lock hasp
- TIG welded corners for optimum finish

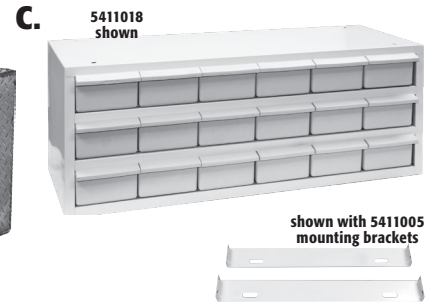
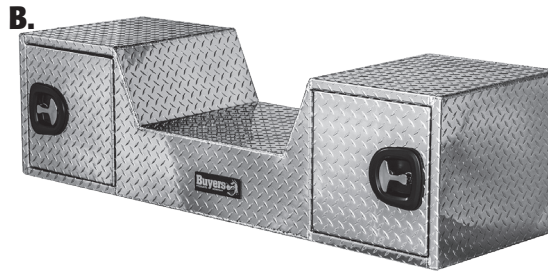
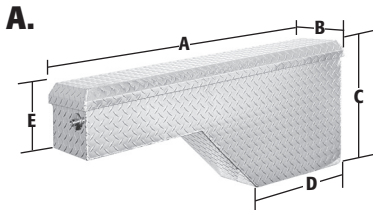
ORDERING INFORMATION

	PART NO.	MATERIAL	HEIGHT	DEPTH	WIDTH	WEIGHT	CAT.
TRAILER TONGUE TOOLBOX							
A	1701380	Aluminum	15	14.5	34/20.7	17.5 lbs.	530 (Y)
A	1701385	Aluminum	18.5	15	49/37	28 lbs.	530 (Y)
B	1701679	White Polymer	18	19	36/18	21 lbs.	530 (Y)
C	1701680	Black Polymer	18	19	36/18	21 lbs.	530 (Y)
D	1701280	Steel	16	14.25	34/20.7	51 lbs.	530 (Y)
D	1701281	Steel	12	13.25	26/14	33 lbs.	530 (Y)
D	1701285	Steel	16	16	48/33	74 lbs.	530 (Y)
HITCH CHEST BOX							
E	1707010	Aluminum Chest	24	22.5	48	84.5 lbs.	530 (Y)
ALUMINUM STEP BOX							
F	1705180	Aluminum	24	28	12	40 lbs.	530 (Y)
F	1705181	Aluminum	24	28	18	46 lbs.	530 (Y)
F	1705182	Aluminum	24	28	24	56 lbs.	530 (Y)
F	1705183	Aluminum	24	28	30	66 lbs.	530 (Y)
ALUMINUM BETWEEN-THE-FRAME BOX							
F	1705190	Aluminum	9	22	30	32 lbs.	530 (Y)

NEW

TOOLBOXES & MOUNTING BRACKETS

PORK CHOP & GOOSENECK TOOLBOXES TOOLBOX ACCESSORIES, CHAIN CARRIER



A. Aluminum Pork Chop Boxes

- Low profile over-the-wheel mounting offers convenient storage while maximizing pickup truck bed space
- Constructed of heavy-duty diamond tread aluminum
- Lid features gas shock and one-touch stainless steel push button rotary locking mechanism
- Fits most pickups
- May also be mounted in front of wheel wells on full-size long bed pickups

B. Aluminum Gooseneck Toolbox

- .063" Thick aluminum diamond tread
- 2 Partitioned outer door compartments
- Provides easy access to storage with gooseneck trailers
- Includes stainless steel locking T-Handles and locking paddle latch
- Weather resistant rain gutter design
- 1/2" thick gasket system helps to seal out weather and road grime
- Mounts to floor of pick-up or flatbed
- 57" x 19" x 15"

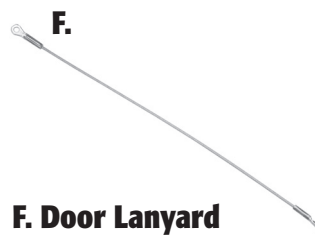
C. Parts Cabinets

- Store & index hardware or small parts.
- White powder coated steel cabinet.
- Injection molded plastic drawers with stops.
- Includes two dividers per drawer.
- Pre-drilled mounting holes (hardware not included).

ORDERING INFORMATION

PART NO.	APPLICATION	A	B	C	D	E	CUBIC FT.	WEIGHT	CAT
A 1711205	Drivers' Side Rear/Passengers' Side Front	46¼	9¼	19	17¼	8½	2.75	26 lbs.	530 (Y)
A 1711206	Passengers' Side Rear/Drivers' Side Front	46¼	9¼	19	17¼	8½	2.75	26 lbs.	530 (Y)
B 1712040	Aluminum Gooseneck Toolbox						-	46 lbs.	530 (Y)
C 5411018	18 Drawer Cabinet, 12"H x 11-3/4"D x 32-1/2"W						-	30.8 lbs.	541 (N)
C 5411000	Drawer/Bin Replacement, 3-1/4" H x 12-1/4" D x 5" W						-	0.61 lbs.	541 (N)
C 5411005	Mounting Bracket for Cabinets, 1-3/4" x 13-3/4"						-	1.25 lbs.	541 (N)

All toolboxes are individually boxed for shipping



D. - E. J-Hook Hanger

- Universal J-hook hangers
- Bolt-on or weld-on
- Folding zinc plated J-hooks swing flush with compartment walls when not in use

F. Door Lanyard

- PVC-coated steel wire lanyard with two eyes swagged
- Custom sizes available by quote

G. Chain Carrier w/Hinged Lid

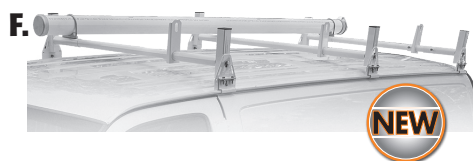
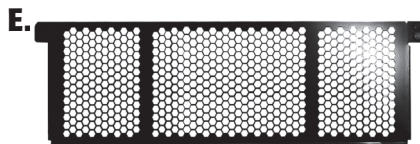
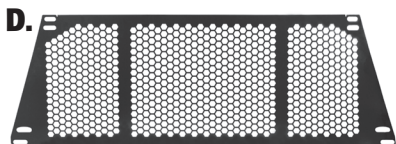
- Hinged, Aluminum Diamond Plate Cover with Lock Hasp
- TIG Welded
- Reinforced, Structural Steel Construction
- Predrilled for Simple Frame Mounting (bolts not included)
- Black Powder Coat Finish
- Popular with Over-the Road Freight Haulers Required to Carry Tire Chains

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	DIMENSIONS	WEIGHT	CAT.
D 3009122	Double J-Hook Hanger w/ Steel Mounting Angle	-	.85 lbs.	530-1 (N)
E 3009938	Triple J-Hook Hanger w/ Alum. Mounting Angle	-	2.16 lbs.	530-1 (N)
F 3004556	PVC Coated Door Lanyard	15.56" C-C	.06 lbs.	591 (N)
F 3003081	PVC Coated Door Lanyard	17.15" C-C	.07 lbs.	591 (N)
F 3003480	PVC Coated Door Lanyard	12.65" C-C	.06 lbs.	591 (N)
F 3004713	PVC Coated Door Lanyard	25.75" C-C	.08 lbs.	591 (N)
G 5910024	Chain Carrier w/Hinged Lid	24" x 7½" x 9"	34 lbs.	591 (N)
G 3023908	Chain Carrier Replacement Lid	-	5.8 lbs.	591 (N)

TRUCK ACCESSORIES/EQUIPMENT

LADDER RACKS



A. Truck Ladder Rack

- Fits full-size pick-up domestic trucks w/long & short beds
RAM: 1500, 2500, 3500;
*FORD: F-150, F-250, F-350; GM: 1500, 2500, 3500
- "Wrinkle Style" powder coat w/rust inhibitor e-coat
- Integrated no-drill mounting system
- Over cab design
- Built-in grab handles at rear
- (4) Crossbars, (1) adjustable, (1) removable
- Removable rear crossbar (no tools required)
- Built-in tie points
- Ships UPS in 2 full-color retail boxes
- *3015920 Leg extensions required on Ford Super Duty, see ladder rack accessories

B. Service Body Ladder Rack

- Fits both single & dual rear wheel utility compartments
- Can be mounted on top of compartments or front & back when top opening compartments are present.
- Adjustable height accommodates 21" - 31" range
- Powder coat w/rust inhibitor e-coat
- Over cab design
- Built-in grab handles at rear
- (4) Crossbars, (1) adjustable, (1) removable
- Removable rear crossbar (no tools required)
- Built-in tie points
- Ships UPS in 2 boxes
- Additional adjustable cross bars available

C. Van Ladder Rack

- Fits full size Ford & GM vans
- (4) 5" wide mounts clamp to the rain gutters (no drilling required)
- (4) 1½" Diameter, adjustable steel cross tubes w/6" side rails
- 1,000 lbs. load capacity
- All continuous welded steel construction
- "Wrinkle Style" powder coat w/rust inhibitor e-coat
- Side rail tubing & gussets provide multiple tie point
- Do not exceed vehicle manufacturers weight recommendations
- Ships UPS in 2 boxes

D. Window Screen

(for use on 1501100)

- For use on 1501100 pick-up ladder rack
- Black powder coat finish
- 15 Gauge, CNC formed steel
- 24" T x 70"/57" W

E. Service Body Window Screen

(for use on 1501200, 1501205, 1501210 & 1501215)

- Black or white powder coat finish
- Black for use w/1501200/1501210 utility ladder rack
- White for use w/1501205/1501215 utility ladder rack
- 15 Gauge, CNC formed steel
- 19" T x 62" W

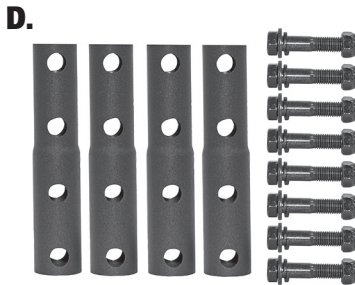
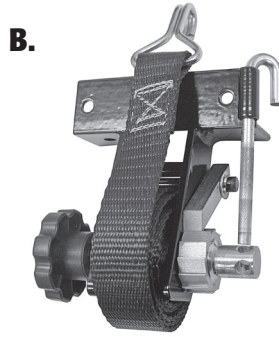
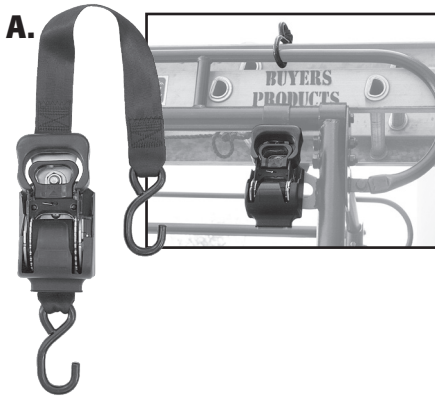
F. Gutter Mount Van Rack

- Mounts to rain gutter, universal
- 6" wide gutter clamps - 3/16" thick plate steel
- 1½" & 1¼" square 14-gauge steel tubing
- 9/16" wrench is only tool required for installation
- Adjustable widths: 41" to 72"
- White powder coat finish
- Do not exceed vehicle manufacturers weight recommendations
- Ships UPS in 1 box

Shown with conduit carrier above, conduit carrier sold separately

ORDERING INFORMATION

	PART NO.	DESCRIPTION	CAPACITY	WEIGHT	CAT.
	A 1501100	Pickup Truck Rack (11.5' x 56" x 36")	1,000 lbs.	144 lbs.	540 (Y)
	B 1501200	Service Body Ladder Rack (13.5' x 66" x 21" - 30" adjustable), Black	1,000 lbs.	155 lbs.	540 (Y)
NEW	B 1501205	Service Body Ladder Rack (13.5' x 66" x 21" - 30" adjustable), White	1,000 lbs.	155 lbs.	540 (Y)
	B 1501210	Service Body Ladder Rack (14.5' x 66" x 21" - 30" adjustable), Black	1,000 lbs.	159 lbs.	540 (Y)
NEW	B 1501215	Service Body Ladder Rack (14.5' x 66" x 21" - 30" adjustable), White	1,000 lbs.	159 lbs.	540 (Y)
	C 1501300	Van Ladder Rack - GM, Chevy, Black	1,000 lbs.	122.26 lbs.	540 (Y)
	C 1501305	Van Ladder Rack - Ford, Black	1,000 lbs.	122.26 lbs.	540 (Y)
	D 1501105	Window Screen (for use w/1501100), Black	-	18 lbs.	540 (Y)
	E 1501110	Window Screen (for use w/1501200 & 1501210), Black	-	19 lbs.	540 (Y)
NEW	E 1501112	Window Screen (for use w/1501205 & 1501215), White	-	19 lbs.	540 (Y)
NEW	F 1501310	Van Rack Set (2 bars, 2 clamps), White	600 lbs.	41.5 lbs.	540 (Y)
NEW	F 1501311	Optional Third Bar w/Clamps (for use w/1501310) White	600 lbs.	23 lbs.	540 (Y)
NEW	3028368	Optional Bar w/Hardware Kit (for use w/1501200 & 1501210), Black	-	9 lbs.	540 (Y)
NEW	3028585	Optional Bar w/Hardware Kit (for use w/1501205 & 1501215), White	-	9 lbs.	540 (Y)



A. Retractable Tie-Down

- Heavy-Duty Bolt-On Design
- Works Great with Ladder Racks,
- Spring retracting spool
- 2" x 10' Strap w/hooks
- MBS: 3,000 lbs.; WLL: 1,000 lbs.

B. Ladder Rack Ratchet Tie-Down

- 1½" x 7' Strap with Double J-Hook
- Ladder Rack Ratchet Tie Down
- Structural Steel Mounting Angle
- Fits racks with square and rectangular tubing
- Zinc Plated with Black Powder Coat Finish
- Two per kit

C. Ladder Rack Ratchet Tie-Down

- 1½" x 7' Strap with Double J-Hook
- Ladder Rack Ratchet Tie Down
- Rolled steel bracket fits ladders racks with popular 1-7/8" - 2" OD round tubing
- Zinc Plated with Black Powder Coat Finish
- Two per kit

D. Leg Extensions, Ladder Rack

- 5" Leg Extension Kit for 1501100 Pickup Ladder Rack
- Provides extra cab clearance for light bars and taller cabs (required on Ford Super Duty)

E. Wind Deflector, Ladder Rack

- 40" in length
- 3 - Ring stainless steel clamps included for mounting to front crossbar
- Reduces wind noise
- Available in black or white

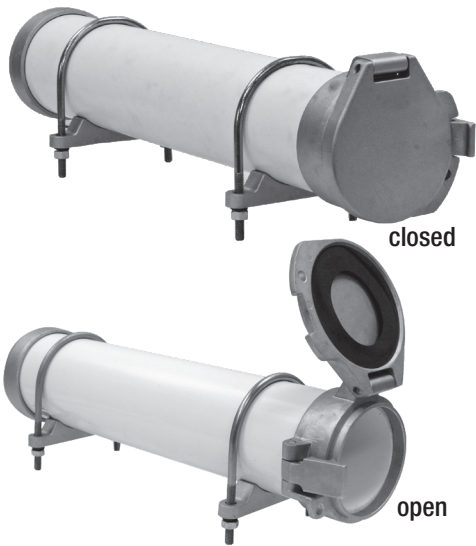
ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5480010	Retracting Ratchet Tie-Down, 2" x 10' (1 Piece)	4.2 lbs.	548 (N)
	B 5480005	Window Screen (for use w/1501200 & 1501210)	8.0 lbs.	548 (N)
	C 5480007	Retracting Ratchet Tie-Down, 2" x 10' (1 Piece)	7.8 lbs.	548 (N)
	3028819	Replacement Strap & Pry Bar for 5480005 & 5480007		548 (N)
	D 3015920	5" Leg Extension Kit for 1501100	7.0 lbs.	548 (N)
	E 1501193	Wind Deflector (for use w/1501100, 1501200, 1501210, 1501300 & 1501305), Black	3.6 lbs.	540 (N)
	E 1501195	Wind Deflector (for use w/1501205 & 1501215), White	3.6 lbs.	540 (N)

TRUCK ACCESSORIES/EQUIPMENT

CONDUIT CARRIERS

A.



B.



A. PVC Conduit Carrier Kit

- For use with 4", 6" or 8" diameter PVC (PVC not included)
- Kit Includes: cast aluminum door & end cap, saddle brackets, zinc-plated U-bolts & hardware.
- Spring loaded latching mechanism for quick easy access
- Pre-drilled padlock tabs for security (padlock not included)
- Neoprene gasket on door to keep your interior dry
- Designed for use with ladder racks, this kit offers flexibility to build a kit to any desired length

B. Diamon Tread Conduit Carrier Kit

- Provides fully enclosed storage for conduit, pipe, tubing, etc.
- Kit Includes: two-piece design (for shipping & storage), and mounting brackets for round or square bar
- Spring loaded rear door for easy access
- Lock hasp (lock not included)
- .060 diamond tread aluminum construction
- 121-3/8"L x 11"W x 6"H
- Ships UPS in 2 boxes

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A CC400	4" Conduit Kit Carrier	4 lbs.	540 (Y)
A CC600	6" Conduit Kit Carrier	6.5 lbs.	540 (Y)
A CC800	8" Conduit Kit Carrier	8.25 lbs.	540 (Y)
B 5401000	Conduit Carrier, Diamond Tread, 122"L x 11"W x 6" H	40 lbs.	540 (Y)

NEW

DUMPERDOGG™ DUMP INSERTS



shown w/optional cab guard 5531010



shown w/optional cab guard 5534010 & DTR5511 roll tarp



includes new molded side wall extensions

A. - B. Steel & Stainless Dump Inserts

- Fits domestic 8' and 6' beds
- Power up and power down
- 1.5Kw motor (3 HP) for hydraulic pump
- 2 cu yd capacity (8'); 1.5 cu yd capacity (6')
- Payload capacity: 6,000 lbs. max*
- Dump angle 0° - 45°
- 12 Gauge steel black powder coat finish or 304 Stainless Steel (front, sides, floor)
- Includes manual safety bar
- Tethered control box w/10' cord
- Grease fittings/holes in pivot points
- Includes body-up indicator kit (SK10)
- 20' Battery cables
- Tailgate chains w/vinyl mesh covers
- Black powder coat structural steel frame
- Double pivoting and removable steel or stainless steel tailgate
- 3/4" Diameter tailgate hinge pins w/quick release

*weight limits not to exceed manufacturers gross vehicle weight limits

C. Polymer Dump Insert

- Fits domestic 8' beds
- Power up and power down
- 1.5Kw motor (3 HP) for hydraulic pump
- 3.1 cu yd capacity
- Payload capacity: 6,000 lbs. max*
- Dump Angle 0° - 45°
- Double wall poly construction
- Integral steel window protector
- Includes manual safety bar
- Tethered control box w/10' cord
- Grease fittings/holes in pivot points
- Includes body-up indicator kit (SK10)
- 20' Battery cables
- Tailgate Chains w/vinyl mesh covers
- Black powder coat structural steel frame
- Double pivoting and removable steel tailgate
- 3/4" Diameter tailgate hinge pins w/quick release

*weight limits not to exceed manufacturers gross vehicle weight limits

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 5531000	8' Steel DumperDogg™ Insert	986 lbs.	553 (Y)
A 5531006	6' Steel DumperDogg™ Insert	920 lbs.	553 (Y)
B 5534000	8' Stainless Steel DumperDogg™ Insert	988 lbs.	553 (Y)
B 5534006	6' Stainless Steel DumperDogg™ Insert	875 lbs.	553 (Y)
C 5532000	8' Polymer DumperDogg™ Insert	1,115 lbs.	553 (Y)

NEW

OPTIONAL ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
5531010	Steel Bolt-On Cab Guard for 6' & 8' Steel Inserts	83 lbs.	553-1 (Y)
5531020	Steel Side-Wall Extension Bracket Kit for 6' & 8' Steel Insert (hardware & 2 brackets per side), accepts one 2" x 12" per side**	15 lbs.	553-1 (Y)
5534010	Stainless Steel Bolt-On Cab Guard for 6' & 8' Stainless Steel Inserts	55 lbs.	553-1 (Y)
5534020	Stainless Steel Side-Wall Extension Bracket Kit for 6' & 8' Stainless Steel Insert (includes hardware & 2 brackets per side), accepts one 2" x 12" per side**	15 lbs.	553-1 (Y)
5535000	DumperDogg™ Replacement Tailgate Spreader	291 lbs.	553 (Y)
DTR5508	Roll Tarp Kit, 5.4'W x 9.5'L for 6' Steel/Stainless Steel Inserts***	24 lbs.	554 (Y)
DTR5511	Roll Tarp Kit, 5.4'W x 11.5'L for 8' Steel/Stainless Steel Inserts***	25 lbs.	554 (Y)
DTR4510	Roll Tarp Kit, 4.6'W x 10'L for 8' Poly Insert	23 lbs.	554 (Y)

** For use with Steel/Stainless Steel DumperDogg™ inserts with cab guard installed (2" x 12" not included)

*** Must be used with cab guard



DumperDogg™ Replacement Tailgate Spreader

- Part Number 5535000
- Fits all DumperDogg™ Dump Inserts
- All stainless steel construction won't rust or corrode
- 12VDC Spinner Motor 54 AMP/ 620 RPM
- 12VDC Auger Gear Motor 50 AMP/ 30 RPM/ 1042 in lbs.
- Adjustable spread pattern from 4' to 20' of rock salt, free-flowing granular materials or de-icer chemicals
- Includes in-cab, independent variable spinner speed control and auger control
- Dual-flight augers (5" O.D. x 2.4" I.D. x 20"L) w/mixing tines
- 14" Poly spinner
- Overall Dimensions 64.5" W x 31" H x 16.5" D
- Weight: 280 lbs.
- Quick and Easy 4-pin installation.

TRUCK ACCESSORIES/EQUIPMENT

LIFTDOGG™ LIFT GATES

A.



A. Pickup Truck LiftDogg™ Liftgate

- 1 piece (60"x27"), or 2 piece (60"x39") platform plus 4" tapered ramp edge
- 1,300 lb. capacity
- 12V DC, Electric Hydraulic Monarch Power unit with built-in pressure relief.
- Keyed, security switch operation standard (Remote control pendant optional)
- Twin, chrome plated direct-lift cylinders
- 40" floor-to-ground travel height
- Tread plate steel platform surfaces
- Torsion spring platform assist
- Platform folds down for simple dock and forklift loading
- Accommodates spare tire and frame mounted hitches
- Recessed license plate housing with LED light
- Truck specific bed mounts provide quick installation w/o compromising bed space
- Battery cable & circuit breaker
- Greaseable pivot joints
- Durable, black powder coat finish



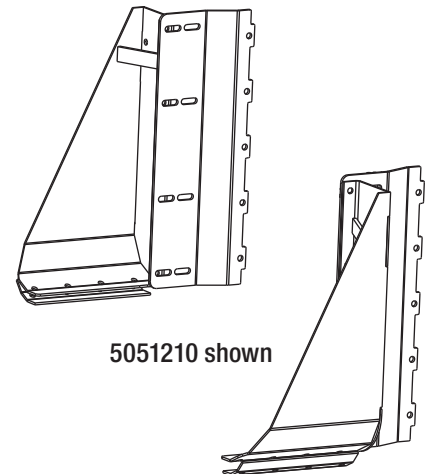
5051000 remote control

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 13006027	Pickup Truck Liftgate, One Piece (60"w x 27"d platform plus 4" tapered ramp edge)	450 lbs.	505 (Y)
A 13006039	Pickup Truck Liftgate, Two Piece (60"w x 39"d platform plus 4" tapered ramp edge)	500 lbs.	505 (Y)
5051000	Liftgate Remote Control Pendant	1.2 lbs.	505-1 (N)

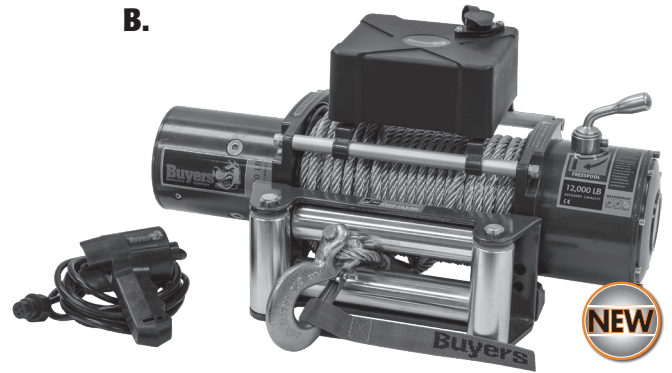
ORDERING INFORMATION

PART NO.	MANUFACTURER	MODEL YEAR	BODY STYLE	WEIGHT	CAT.
MOUNTS					
5051100	Chevy/GMC	2007	C/K 1500 (Classic)	38.6 lbs.	505-1 (N)
	Chevy/GMC	2007	C/K 2500/3500 (Classic)	38.6 lbs.	505-1 (N)
	Chevy/GMC	1999-2006	C/K 1500 (Not Classic)	38.6 lbs.	505-1 (N)
	Chevy/GMC	2001-2006	C/K 2500/3500 (Not Classic)	38.6 lbs.	505-1 (N)
	Chevy/GMC	1999-2000	C/K 2500 (Not Classic)	38.6 lbs.	505-1 (N)
5051105	Chevy/GMC	2007-2014	C/K 1500 (Not Classic)	38.6 lbs.	505-1 (N)
	Chevy/GMC	2007-2014	C/K 2500/3500 (Not Classic)	38.6 lbs.	505-1 (N)
5051200	Ford	1997	F-250 HD/F-350 HD	43.1 lbs.	505-1 (N)
	Ford	1973-1996	F-150, F-250, F-350	43.1 lbs.	505-1 (N)
5051205	Ford	1997-2014	F-150	35.5 lbs.	505-1 (N)
	Ford	1997-1999	F-250 LD	35.5 lbs.	505-1 (N)
5051210	Ford	1999-2014	Super Duty Series	38.5 lbs.	505-1 (N)
5051300	Dodge	2003-2014	2500/3500	47.5 lbs.	505-1 (N)
	Dodge	2002-2014	1500	47.5 lbs.	505-1 (N)
5051400	Toyota	2007-2014	Tundra T-50	30.0 lbs.	505-1 (N)



5051210 shown

ELECTRIC WINCHES



Waterproof solenoid box can be mounted over the motor or over the drum. Both shown above.

A. 9500 lb. Waterproof Electric Winch

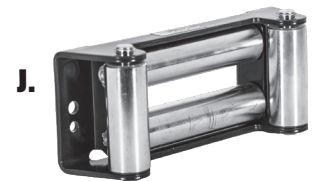
- Commercial grade 9,500 lb. electric winch
- Commonly used on utility, government or contractor fleet vehicles (pickups & utility bodies)
- 4.9 HP series wound motor
- High speed 3-stage planetary gear box provides quick efficient, 6.2 FPM line speed at full capacity
- Gear Ratio: 210:1
- 3/8" x 100' galvanized cable
- Waterproof submersible construction (IP68) seals and protects electronics and internals for reliable use in all environments
- Free spooling clutch provides quick manual deployment of cable
- 8 "clockable" gear housing positions to rotate clutch lever
- Auto-Brake
- Power in & out provides consistent load control
- 12' Remote control pendant w/rubber housing
- 10" x 4.5" Universal mounting bolt pattern
- Retail packaged
- Ships UPS

B. 12000 lb. Waterproof Electric Winch

- Commercial grade 12,000 lb. electric winch
- Commonly used on utility, government or contractor fleet vehicles (pickups & utility bodies)
- 4.9 HP series wound motor
- High speed 3-stage planetary gear box provides quick efficient, 4.9 FPM line speed at full capacity
- Gear Ratio: 294:1
- 3/8" x 100' galvanized cable
- Waterproof submersible construction (IP68) seals and protects electronics and internals for reliable use in all environments
- Free spooling clutch provides quick manual deployment of cable
- 8 "clockable" gear housing positions to rotate clutch lever
- Auto-Brake
- Power in & out provides consistent load control
- 12' Remote control pendant w/rubber housing
- 10" x 4.5" Universal mounting bolt pattern
- Retail packaged
- Ships UPS

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
NEW B.P.C.	A 5579500	9,500 lb. 12V, Electric Winch	92 lbs.	557 (N)
NEW B.P.C.	B 5571200	12,000 lb. 12V, Electric Winch	92 lbs.	557 (N)



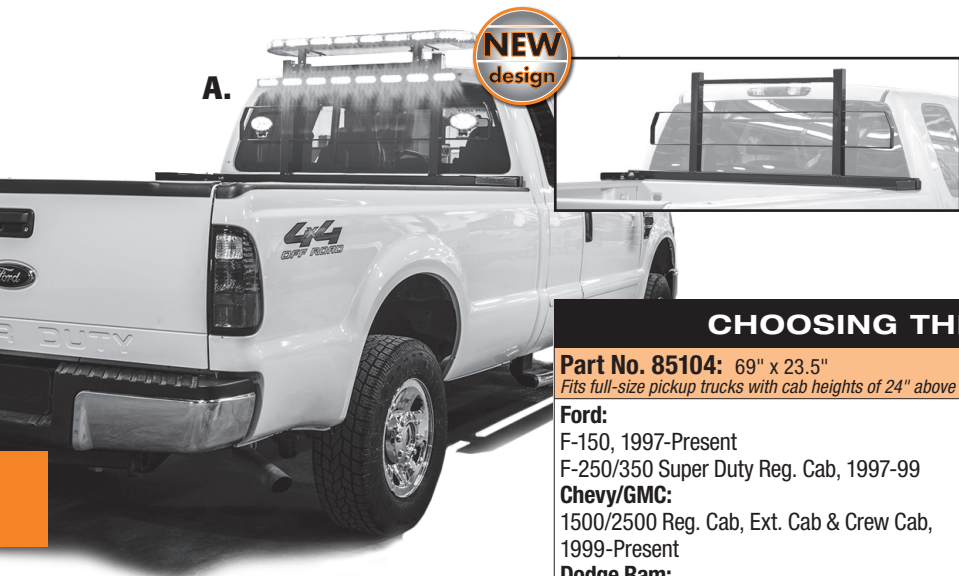
ORDERING INFORMATION

PART NO.	MANUFACTURER	WEIGHT	CAT.
ACCESSORIES			
C 5571000	Wireless Remote	38.6 lbs.	557 (N)
D 5571001	Snatch Block (20,000 lb.)	38.6 lbs.	557 (N)
E 5571002	Shackle, 3/4"	43.1 lbs.	557 (N)
F 5571003	Universal Mount	35.5 lbs.	557 (N)
G 5571004	Jeep Mount	38.5 lbs.	557 (N)
H 5571005	Receiver Mount	47.5 lbs.	557 (N)
I 5571006	Handheld Controller, 30' cord	30.0 lbs.	557 (N)
J 3025772	Roller Fairlead	10.6 lbs.	557 (N)

B.P.C. = Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

KABGARD™ WINDOW PROTECTOR



A.

A. Universal Mount Window Protector

- Protect your cab
- Mount accessories
- Secure your cargo
- Quick installation—no drilling required, mounts included
- Black powder coat finish resists rust and corrosion
- UPS shippable

CHOOSING THE RIGHT KABGARD™

Part No. 85104: 69" x 23.5"

Fits full-size pickup trucks with cab heights of 24" above bed.

Ford:

F-150, 1997-Present
F-250/350 Super Duty Reg. Cab, 1997-99

Chevy/GMC:

1500/2500 Reg. Cab, Ext. Cab & Crew Cab,
1999-Present

Dodge Ram:

1500 Reg. Cab, 1997-2001
1500 Quad Cab, 1997-2000
1500 Quad Cab, (155" wheel base only) 2001
2500 Reg. Cab, 1997-2001

Part No. 85204: 71.6" x 26.3"

Fits full-size pickup trucks with cab heights of 26" above bed.

Ford:

F-250 Super Duty Reg. Cab, Super Cab & Crew Cab
2003-Present
F-350 Super Duty Reg. Cab, Super Cab & Crew Cab
2003-Present

Chevy/GMC:

2500HD all cab styles, 2003-Present
3500 all cab styles, 2003-Present

Dodge Ram:

1500 Quad. Cab, 2001-Present
2500 Reg. Cab, 2002-Present
3500 Reg. Cab & Quad Cab, 2003-present
Mega Cab, 2006

ORDERING INFORMATION

NEW
NEW

PART NO.	DESCRIPTION	M.G.T.W.	WEIGHT	CAT.
A 85104	Full Size Window Protector (69" x 23.5") w/Standard Mount	12,000 lbs.	46.24 lbs.	540 (Y)
A 85204	Full Size Window Protector (71.6" x 26.3") w/Standard Mount	12,000 lbs.	53.10 lbs.	540 (Y)

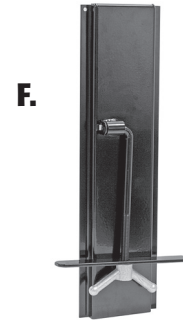
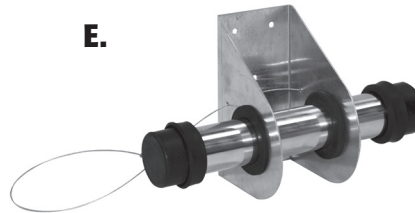
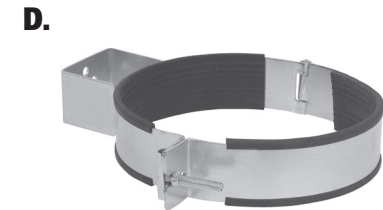


WINDOW PROTECTOR ACCESSORIES

NEW
NEW
NEW
NEW
NEW
NEW
NEW

PART NO.	DESCRIPTION	WEIGHT	CAT.
85106	Standard KabGard™ Mounting Kit <i>(included in 85104 & 85204)</i>	2.60 lbs.	540 (Y)
B 85162	Cross Box Toolbox Mount Adapter. Needed to Mount Cross Box Toolbox w/KabGard™	11.91 lbs.	540 (Y)
C 85141	Beacon Light Mount, Driver Side	3.50 lbs.	540 (Y)
C 85142	Beacon Light Mount, Passenger Side	3.50 lbs.	540 (Y)
D 85152	Mini Lightbar Mount	5.80 lbs.	540 (Y)
E 85166	Spot/Flood Light Mount (Pair). Used w/Most Post-Mount Applications	1.24 lbs.	540 (Y)
F 85176	Traffic Arrow Lightbar Mount (Pair)	0.77 lbs.	540 (Y)
G 85177	Full-Size Lightbar Mount (Pair)	4.65 lbs.	540 (Y)

VAN PARTITION RUBBER CLAMPS TANK HOLDERS



A. Van Partition

- Universal fit for full-size cargo vans (Ford, GM)
- 16-gauge white powder coated steel construction for strength.
- Provides safety from shifting loads by separating driver's compartment from cargo area
- Pre-punched holes for easy installation of accessories
- Clipboard holder
- Assembly hardware included
- Optional lock & hinge kit (5412010) provides easy access to cargo area

D. Tank Holder

- 12-gauge zinc plated steel construction
- Wing nut & hinge design provide quick access
- Rubber gasket eliminates friction and noise
- TH612714 (for use with oxygen & acetylene tanks)
- TH9934 (for use with oxygen tanks)

B. Rubber Clamp, Large

- Holds objects 2-1/2" to 9-1/2" in diameter (fire extinguishers, etc.)
- Mounts with three #10 bolts or screws (not included).
- Mounting base measures 6" x 7/8"
- Each clamp supports a W.W.L. of 50 lbs.

E. Stainless Steel Document Holder

- 1-5/8" dia. x 9" stainless steel tube protects documents
- Ideal for tractor trailer applications
- Rubber caps provide tight seal
- 5-3/4" H x 2-13/16" W x 4" D stainless steel mounting bracket

C. Rubber Clamp, Small

- Holds objects 1" to 2-1/2" in dia. (shovels, brooms, etc.)
- Mounts with one #10 bolt or screw (not included)
- Each clamp supports approx. 22 lbs.
- Mounting base measures 2-3/4" L x 13/16" W

F. Spare Tire Carrier

- Universal Fit
- 14-gauge steel construction
- Oversized wing nut
- Bolt-on or Weld-on
- Black Powder Coat Finish
- 23-5/8"L x 6-1/2"W x 7/8"H

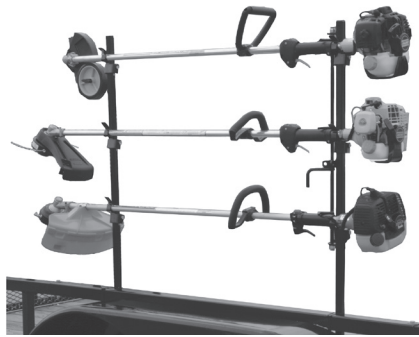
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 5412000	Van Partition, White Powder Coated Steel (Comparable to Weather Guard® 86500-3-01*)	82 lbs.	541 (N)
A 5412010	Lock & Hinge Kit for 5412000 Van Partition (Comparable to Weather Guard® 86555-3-01*)	4.0 lbs.	541 (N)
B RC10L	Rubber Clamp, Large (holds 2-1/2" to 9-1/2" dia.)	0.60 lbs.	520 (N)
C RC10S	Rubber Clamp, Small (holds 1" to 2-1/2" dia.)	0.30 lbs.	520 (N)
D TH612714	Adjustable Tank Holder, 6-1/2" to 7-1/4" (Oxy/Acet.)	3.0 lbs.	520 (N)
D TH9934	Adjustable Tank Holder, 9" to 9-3/4" (Oxy/Acet.)	4.0 lbs.	520 (N)
E 5201100	Stainless Steel Document Holder	0.8 lbs.	520 (N)
F 5201010	Spare Tire Carrier	8.0 lbs.	520 (N)

* Buyers Products is not authorized by nor affiliated with the manufacturer of Weather Guard® products

TRUCK & TRAILER HARDWARE

LANDSCAPE TRAILER ACCESSORIES



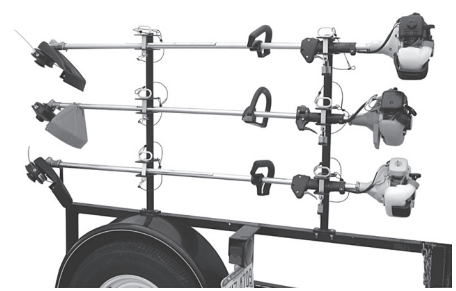
A. LT10 Lockable Trimmer Rack

- Easy, snap-in design; one-hand operation
- Long-lasting stainless steel springs
- Holds 3 trimmers
- Vinyl-coated hooks
- LT10 secures with padlock (not included)
- Trimmers not included



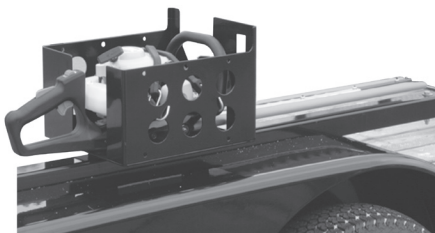
B. LT12 Trimmer Rack

- Easy, snap-in design; one-hand operation
- Long-lasting stainless steel springs
- Holds 3 trimmers
- Vinyl-coated hooks
- Trimmers not included



C. LT13 Lockable Trimmer Rack

- 3 position lockable trimmer rack
- Heavy-duty vinyl-coated
- Channel and flat pin design is adjustable to 3 settings to reduce rattle
- Set includes 2 trimmer racks, 6 securing pins, 3 locks and mounting hardware
- Trimmers not included



D. LT15 Multi-Rack

- Protects hedge trimmers, chainsaws, or handheld blowers
- Includes rubber straps to secure equipment
- Trimmers not included.



E. LT20 Backpack Blower Rack

- Blowers mount and secure conveniently on hook with spring latch
- Includes rubber strap to secure equipment (not for STIHL® BR-Series)
- Blower not included



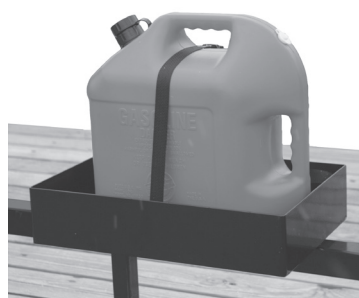
F. LT22 Backpack Blower Rack

- Designed specifically for STIHL® BR340 & BR420 blowers
- Blower rests on bottom support and is secured on top hang pin
- Secures with padlock (not included)



G. LT25 Water Cooler Rack

- Holds most standard coolers
- Adjustable strap included
- Water cooler not included



H. LT30 Gas Can Rack

- Holds one 5-gal. or two 2½-gal. rectangular polymer cans
- Includes strap to secure can(s)
- Gas can not included



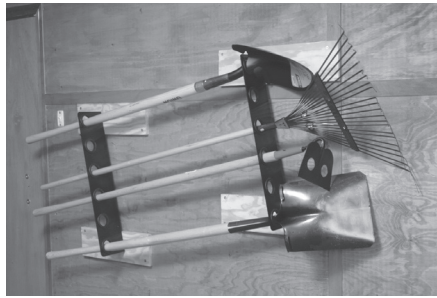
I. LT32 Locking Gas Can Rack

- Holds one 5-gallon gas can
- Heavy-duty powder coated steel construction
- Steel pin locks gas can in place
- Lock and mounting hardware included
- Gas can not included



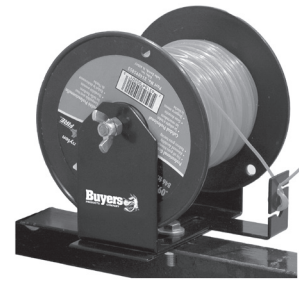
J. LT35 Hand Tool Rack

- Holds 6 straight handle tools
- Keeps tools organized and trailer bed clutter-free
- Includes rubber grommets to protect tools
- Hand tools not included



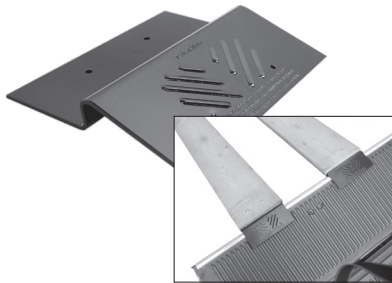
K. LT37 Hand Tool Rack

- Holds 6 straight handle tools
- Keeps tools organized and trailer bed clutter-free
- Includes rubber grommets to protect tools
- Hand tools not included



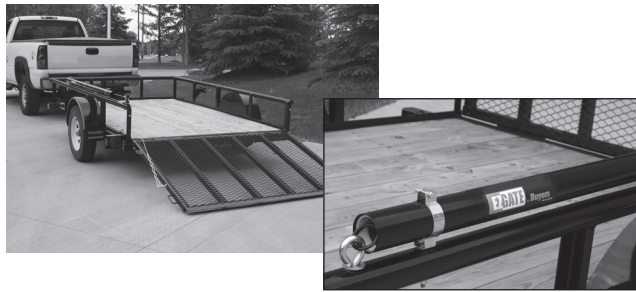
L. LT40 Trimmer Line Spool Bracket

- Holds one 3 lb. or 5 lb. line spool
- Heavy-duty powder coated steel construction
- Mounting hardware included
- Trimmer line not included



M. Ramp Plate Kit

- Heavy-duty steel construction
- Black powder coat
- Includes non-slip protective pad
- Plates feature traction grips
- Contains 2 plates with mounting hardware



N. EZ Gate™ - Tailgate Assist

- Trailer Tailgate Lift Assist
- Reduces lifting by 90%
- Reduces injuries and fatigue
- One kit works on gates up to 180 lbs.
- Simple installation
- No rattle spring insert

- Black powder coat finish
- Mounting hardware included
- Works on open utility trailers with siderail height of 10" or more
- 71" x 2-1/2" diameter tube
- Retail friendly package size, 2½" x 6" x 43½"

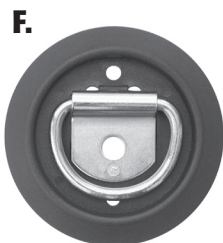
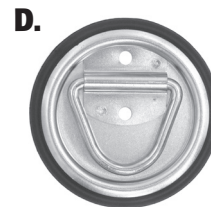
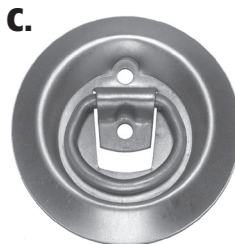
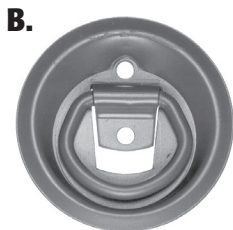
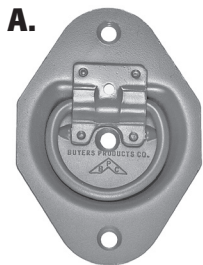
ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	TRAILER TYPE	WEIGHT	CAT.
	A LT10	LT10	3-Position Snap-in Lockable Trimmer Rack	Open	25.0 lbs.	538 (Y)
	B LT12	LT12	3-Position Snap-in Trimmer Rack	Enclosed	14.7 lbs.	538 (Y)
	C LT13	LT13	3-Position Channel Style Lockable Trimmer Rack	Open	23.0 lbs.	538 (Y)
	D LT15	LT15	Multi-Rack	Both	15.0 lbs.	538 (Y)
	E LT20	LT20	Backpack Blower Rack	Both	7.0 lbs.	538 (Y)
	F LT22	LT22	Backpack Blower Rack (for Stihl Blowers)	Both	6.5 lbs.	538 (Y)
	G LT25	LT25	Water Cooler Rack	Both	6.5 lbs.	538 (Y)
	H LT30	LT30	Gas Can Rack	Both	12.0 lbs.	538 (Y)
	I LT32	LT32	Locking Gas Can Rack	Both	11.4 lbs.	538 (Y)
	J LT35	LT35	Hand Tool Rack	Open	15.0 lbs.	538 (Y)
	K LT37	LT37	Hand Tool Rack	Enclosed	9.0 lbs.	538 (Y)
	L LT40	LT40	Trimmer Line Spool Bracket	Both	3.1 lbs.	538 (Y)
	M RP8	RP8	Ramp Plate Kit (works w/ 2" x 8" planks)	—	8.5 lbs.	520 (N)
	M RP12	RP12	Ramp Plate Kit (works w/ 2" x 12" planks)	—	13.0 lbs.	520 (N)
	N 5201000	5201000	EZ Gate™ Tailgate Lift Assist	Open	21.0 lbs.	520 (N)

= Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

ROPE RINGS



A. Recessed Rope Ring

- Zinc plated
- Requires 3" dia. mounting hole in $\frac{3}{8}$ " or thicker material
- Do not use for lifting

B. Recessed Rope Ring

- Zinc plated
- Requires 3" dia. mounting hole in $\frac{1}{4}$ " or thicker material
- Do not use for lifting

C. Surface Mounted Rope Ring

- Zinc plated
- Surface mounted pan with $\frac{1}{4}$ " dia. ring
- Do not use for lifting

D. Surface Mounted or Recessed Rope Ring

- Zinc plated
- **Surface Mount:** Use plastic bezel w/ the recessed pan to form a surface mount rope ring
- **Recessed:** Use pan w/o bezel (requires 3" dia. mounting hole in $\frac{1}{4}$ " or thicker material)
- Do not use for lifting

E. Surface Mounted Rope Ring

- Zinc plated
- Steel pan with $\frac{1}{4}$ " dia. steel ring
- Do not use for lifting

F. Surface Mounted Rope Ring

- Zinc plated
- Plastic pan with $\frac{1}{4}$ " dia. steel ring
- Do not use for lifting

G. Heavy-Duty Rope Ring

- Zinc plated
- $\frac{3}{8}$ " dia. steel ring w/ weld-on bracket
- Do not use for lifting

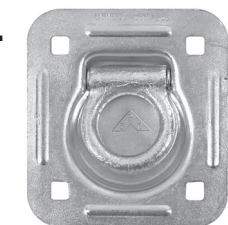
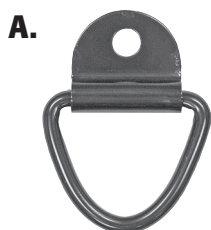
H. Rope Ring

- Zinc plated
- $\frac{1}{4}$ " dia. steel ring and formed steel clamp
- Do not use for lifting

ORDERING INFORMATION

	PART NO.	PACKAGE PART NO.	DESCRIPTION	WORKING LOAD LIMIT*	ULTIMATE BREAKING STRENGTH*	WEIGHT	CAT.
	A B601		Recessed Rope Ring	285 lbs.	850 lbs.	0.42 lbs.	549 (N)
	A B601U	02020	Recessed Rope Ring (.260 holes not countersunk)	285 lbs.	850 lbs.	0.42 lbs.	549 (N)
	B B701		Recessed Rope Ring	265 lbs.	800 lbs.	0.26 lbs.	549 (N)
	C B701SM	02025	Surface Mounted Rope Ring	265 lbs.	800 lbs.	0.26 lbs.	549 (N)
	D B703		Recessed Rope Ring with Plastic Bezel	265 lbs.	800 lbs.	0.35 lbs.	549 (N)
	E B501		Surface Mounted Rope Ring	500 lbs.	1,500 lbs.	0.55 lbs.	549 (N)
	F B705		Surface Mounted Rope Ring	1,000 lbs.	3,000 lbs.	0.20 lbs.	549 (N)
	G B28F		Heavy-Duty Rope Ring w/ Forged Weld-on Bracket	2,000 lbs.	6,000 lbs.	0.45 lbs.	549 (N)
	H B20	02005	Rope Ring	800 lbs.	2,400 lbs.	0.12 lbs.	549 (N)

*All ratings shown are based on perpendicular loading under test conditions

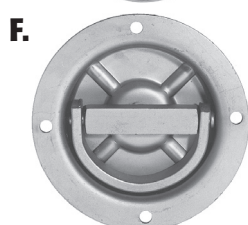
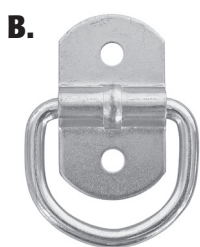


A. Surface Mounted Rope Ring

- 1/4" Black zinc plated
- Includes clip
- Do not use for lifting

E. Heavy-Duty Recessed Rope Ring

- Zinc plated
- Formed 1/8" steel pan houses a ductile iron ring
- 3-5/8" dia. hole w/ 7/8" clearance below surface is required
- Square mounting holes for use with 3/8-16 x 2 1/4" carriage bolts
- Hole spacing (on center):
Vertical - 3 1/4" x Horizontal - 3"
- Do not use for lifting



B. Light-Duty Surface Mount Rope Ring

- Zinc plated or stainless steel
- 1/4" dia. welded D-ring w/ 14 gauge steel clip
- 1/4" dia. mounting holes
- Do not use for lifting
- Compares to Cargotrol®* 36-402

F. Heavy-Duty Recessed Rotating Rope Ring

- Fabricated recessed ring rotates 360°
- Designed to bolt to floor or weld to steel cross members.
- Do not use for lifting

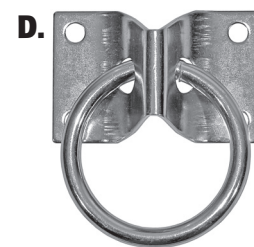


C. Surface Mounted Rope Ring w/Bolt-On Bracket

- Zinc plated
- Includes bolt-on bracket
- 3/8" dia. forged rope ring
- Do not use for lifting

G. Chain Loop

- Cast aluminum, 1/2" dia.
- Width of opening is 2 1/8"
- Depth of opening is 1 3/4"
- Clear anodized
- .44" dia. mounting holes
- Do not use for lifting



D. Surface Mounted Rope Ring w/Integral Bracket

- Zinc plated
- Includes integral bracket
- Do not use for lifting

ORDERING INFORMATION

PART NO.	PACKAGE PART NO.	DESCRIPTION	WORKING LOAD LIMIT**	ULTIMATE BREAKING STRENGTH**	WEIGHT	CAT.
A	B21	Rope Ring w/ Clip	800 lbs.	2,400 lbs.	0.18 lbs.	549 (N)
B	B23	02010 Light-Duty Surface Mount Rope Ring	400 lbs.	1,200 lbs.	0.13 lbs.	549 (N)
B	B23SS	Light-Duty Surface Mount Rope Ring, Stainless Steel	400 lbs.	1,200 lbs.	0.13 lbs.	549 (N)
C	B32F	Surface Mounted Rope Ring w/ Bolt-On Bracket	2,000 lbs.	6,000 lbs.	0.42 lbs.	549 (N)
D	B33	Rope Ring w/ Integral Bracket	N/A	N/A	0.22 lbs.	549 (N)
E	B801A	02030 Heavy-Duty Recessed Rope Ring	2,000 lbs.	6,000 lbs.	1.25 lbs.	549 (N)
E	B801AK	Heavy-Duty Recessed Rope Ring Kit (contains B801A, 801BP, & mounting hardware)	2,000 lbs.	6,000 lbs.	2.50 lbs.	549 (N)
F	B901	Heavy-Duty Recessed Rotating Rope Ring	2,000 lbs.	6,000 lbs.	2.50 lbs.	549 (N)
G	B2402AL	Aluminum Chain Loop, Clear Anodized	N/A	N/A	0.15 lbs.	520 (N)

**All ratings shown are based on perpendicular loading under test conditions. Mounting material, material thickness, fastener type and method may reduce rating.

ACCESSORIES & REPLACEMENT PARTS

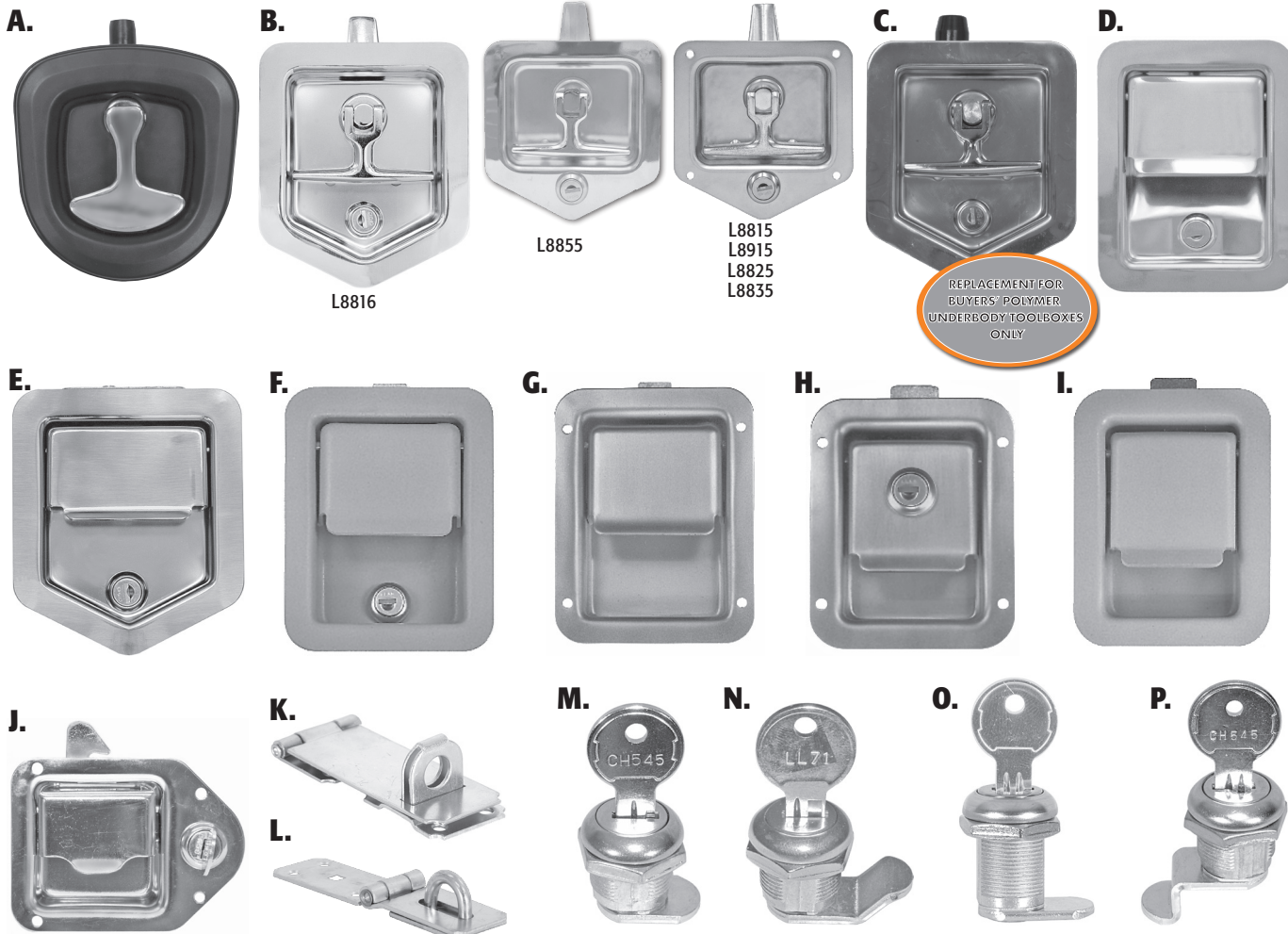
PART NO.	DESCRIPTION	WEIGHT	CAT.
7622BP	Zinc Plated Back Support Plate; used with B601, B601U, B701, B701SM, B20, B23, & B23SS	1.10 lbs.	549 (N)
801BP	Plain Back Support Plate; used with B801A	0.92 lbs.	549 (N)
801BPG	Galvanized Steel Back Support Plate; used with B801A	0.92 lbs.	549 (N)
901BP	Zinc Plated Back Support Plate; used with B901	0.74 lbs.	549 (N)

* Buyers Products is not authorized by nor affiliated with the manufacturer of Cargotrol® products.

= Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

T-HANDLE & PADDLE LATCHES, CYLINDER AND KEYS



A. Die Cast Compression Latch Folding T-Handle

- Powder coated die cast housing
- Chrome handle
- Locking chrome shank
- 1/2" Gasket
- Hidden Studs
- Available in single & triple point
- Cam action roller engagement
- Adjustable cam, from .850" to 1.320". No tools required for adjustment.
- Includes lock and two keys
- Fits all Buyers boxes using L8816 and L3890RLS latch

B. Heavy-Duty Standard Size Flush Mount Folding T-Handle Latches

- Polished Stainless steel
- Available in single, double or triple point contact to address most applications
- Adjustable cam from 1 1/4" to 2" to accommodate door thicknesses
- Designed to mount into a 3 3/4" x 4" recess opening. (L8816 fits into 4-3/8" x 3 1/2" recess opening)

C. Heavy-Duty Standard Size Flush Mount Folding T-Handle Latch with Roller

- Polished Stainless steel
 - Triple point contact
 - Adjustable cam from 1/4" to 1.6"
 - Designed to mount into a 4 3/8" x 3 1/2" recess opening.
- Replacement for Buyers poly underbody boxes only, will not work on standard underbody toolboxes**

D. - E. Heavy-Duty Standard Size Rotary Paddle Latch

- Single point rotary latch
- Polished Stainless steel
- Hidden studs
- Gasket Installed
- Cylinder w/ keys installed
- For heavy-duty applications
- Includes hasp for alternative lock. Requires 7/16" diameter pad lock shank (not included)

F. - G. Heavy-Duty Standard Size Flush Mount Paddle Latches

- Designed to mount in a 3 3/8" x 4 5/8" recess
- Single point latch
- Available in rust resistant steel or stainless steel
- Available with locking or non-locking style

H. - I. Junior Size Flush Mount Paddle Latches

- All junior size latches mount in a 2 3/4" x 3 3/4" recess
- Single point latch
- Available in rust resistant steel or stainless steel
- Available with locking or non-locking style

J. Mini Size Tear Drop Style Latch

- Ideal for use on toolboxes and other small compartment doors
- Polished stainless steel finish
- Locking version includes cylinder and two keys

K. Security Hasp

- 17-gauge zinc-plated steel
- Mounting screws included
- 3.47" L x 1.46" W

L. Heavy-Duty Hinged Security Hasp

- .125" thick clear zinc plated steel
- For use on heavy doors
- 4.25" L x 2" W

M. - P. Cylinder & Key

- For standard and junior size latches.
- Various keys upon request

TRUCK & TRAILER HARDWARE

PADDLE LATCHES CYLINDER AND KEY

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
	A LL9000		Die Cast Single Point, Compression Latch w/Blind Studs, Gasket and Cylinder w/keys included	2.04 lbs.	510 (N)
NEW	A LL90003		Die Cast Triple Point, Compression Latch w/Blind Studs, Gasket and Cylinder w/keys included	2.04 lbs.	510 (N)
	B L8815		Single Point Latch Folding T-Handle, w/Mounting Holes	1.25 lbs.	510 (N)
	B L8816		Single Point Latch Folding T-Handle w/Blind Studs, Gasket and Cylinder w/keys included	1.50 lbs.	510 (N)
	B L8915*		Single Point Latch Folding-T Handle, w/Mounting Holes	1.25 lbs.	510 (N)
	B L8825		Double Point Latch Folding-T Handle, w/Mounting Holes, Rods Included	2.50 lbs.	510 (N)
	B L8835		Triple Point Latch Folding-T Handle, w/Mounting Holes, Rods Included	2.75 lbs.	510 (N)
	B L8855		Single Point Latch Folding-T Handle, w/Blind Studs, Gasket & Cylinder w/Keys Included	1.26 lbs.	510 (N)
	C L8816R		Triple Point Latch Folding-T Handle, w/Roller. <i>Replacement for Buyers poly underbody boxes only, will not work on standard underbody toolboxes</i>	1.43 lbs.	510 (N)
	D L3885RLS		Stainless Steel Rotary Single Point Paddle Latch, 1/2" Striker	1.40 lbs.	510 (N)
	E L3890RLS		Stainless Steel Rotary Single Point Paddle Latch, 1/4" Striker	1.40 lbs.	510 (N)
	E L3890RLSH		Stainless Steel Rotary Single Point Paddle Latch, 1/4" Striker w/ Hasp	1.22 lbs.	510 (N)
B.P.R.	F L3885	04035	Stainless Steel Single Point Latch (locking) Thru-Hole Mount	1.15 lbs.	510 (N)
	F L3980		Rust Resistant Steel Single Point Latch (locking) Weld-On	1.15 lbs.	510 (N)
	G N3885		Stainless Steel Single Point Latch (non-locking) Thru-Hole Mount	1.15 lbs.	510 (N)
	G N3980		Rust Resistant Steel Single Point Latch (non-locking) Weld-On	1.15 lbs.	510 (N)
B.P.R.	H L1883	04025	Junior Size Stainless Steel Single Point Latch (locking) Thru-Hole Mount	1.00 lbs.	510 (N)
	H L1980		Junior Size Rust Resistant Steel Single Point Latch (locking) Weld-On	1.00 lbs.	510 (N)
	I N1980		Junior Size Rust Resistant Steel Single Point Latch (non-locking) Weld-On	1.00 lbs.	510 (N)
	I N1883		Junior Size Stainless Steel Single Point Latch (non-locking) Thru-Hole Mount	1.00 lbs.	510 (N)
	J 8000SSL		Stainless Steel Mini Size Tear Drop Style Latch (Locking)	0.57 lbs.	510 (N)
	J 8000SSN		Stainless Steel Mini Size Tear Drop Style Latch (non-Locking)	0.55 lbs.	510 (N)
	K SH35		Security Hasp, 3.47" L x 1.46" W, Zinc Plated	0.19 lbs.	510 (N)
	L SH40		Security Hasp, 4.25" L x 2" W, Zinc Plated	0.82 lbs.	510 (N)
	M 19CH545		Cylinder and Key	0.09 lbs.	510 (N)
	M 88CH510		Cylinder Lock with 2 Keys	0.13 lbs.	510 (N)
	N 39LL71		Cylinder and Key	0.09 lbs.	510 (N)
	O L38RLSCH545		Cylinder for L3885RLS Latch	0.25 lbs.	510 (N)
	P 88CH545		Cylinder for L8815/L8915/L8816 Latch	0.25 lbs.	510 (N)

* Zinc Plated

ACCESSORIES & REPLACEMENT PARTS

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	Q CDC01Z	Zinc Die Cast Cylinder Dust Cover	.05 lbs.	510 (N)
	R L8815G0	Gasket for L8815, L8855, L8915	.01 lbs.	510 (N)
	S SP	Striker Plate; for use with Paddle Latches and Bolt Latches	.07 lbs.	510 (N)
	T SP045	Striker Pin with Washer; for use with L3885RLS	.12 lbs.	510 (N)
	U 3005833	Striker Plate/Bracket; for use with L3890RLS	.26 lbs.	530-1 (N)
	V 3002713	Striker Latch/Pin; for use with L3885RLS	.16 lbs.	530-1 (N)

Q.



R.



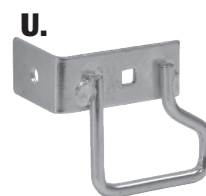
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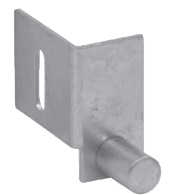
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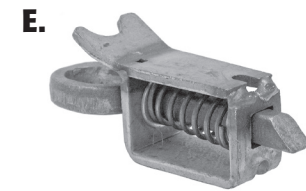
V.



B.P.R. = Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

LATCHES

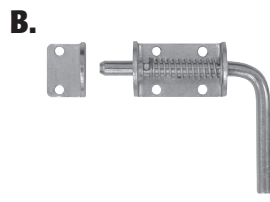


A. Bolt Latch

- Finger pull with manual release
- Powder metal bolt
- Zinc plated steel finish
- For use with two and three point latch applications

F. Snap Lock

- 1/2" square spring loaded bolt
- Zinc plated

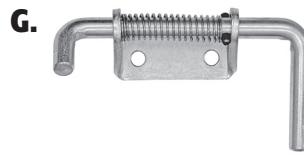
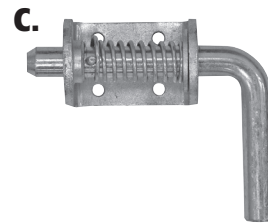


B. - C. Spring Latch

- Spring loaded bolt can be locked in the open position
- Zinc plated bolt, housing and keeper
- Turning lever allows the bolt to close under spring pressure.

G. Stake Body Spring Latch

- Spring loaded handle
- Zinc plated bolt and housing
- Stainless steel spring

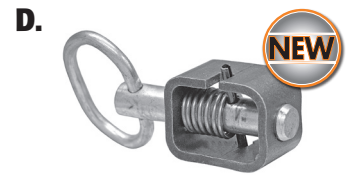


D. Weld-on Spring Latch

- Spring loaded bolt can be locked in the open position
- 5/8" heat treated pin (B2598SSC has stainless steel pin)
- Stainless steel spring and spring pin
- Available unassembled

H. Tipper Latch

- Zinc plated steel
- Ships assembled



E. Quick Release Spring Latch

- Spring loaded bolt can be locked in open position

ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	HANDLE LENGTH	WEIGHT	CAT.
A	90M		Bolt Latch - Finger Pull Style; 5.5" L x 2" W	—	.44 lbs.	510 (N)
B	B2595LKB	06035	1/2" Spring Latch Assy. w/ Keeper	3 7/8"	1.25 lbs.	510 (N)
B	B2595		1/2" Spring Latch Assy.*; 5.19" L x 1.75" W	3 7/8"	.85 lbs.	510 (N)
B	B2595SH		1/2" Spring Latch Assy. w/ Short Handle*; 5.19" L x 1.75" W	2 3/8"	.85 lbs.	510 (N)
B	B2595KZ		1/2" Keeper Only; 1.75" L x 1.75" W	—	.40 lbs.	510 (N)
B	B2575		1/2" Spring Latch Assy., Zinc*; 6.5" L x 1.56" W	1 3/8"	.82 lbs.	510 (N)
B	3009988		1/2" Spring Latch Assy., Stainless Steel*; 8.38" L x 2.75" W		1.0 lbs.	510(N)
C	B2596		3/4" Heavy-Duty Spring Latch Assy.*; 5.91" L x 2.09" W	3 1/2"	1.25 lbs.	510 (N)
C	B2596KZ		3/4" Heavy-Duty Keeper Only	—	.60 lbs.	510 (N)
C	B2596LKB		3/4" Spring Latch Assy., w/ Keeper		2.8 lbs.	510 (N)
C	B2596LKBSS		3/4" Spring Latch Assy., w/ Keeper, Stainless Steel		2.7 lbs.	510 (N)
C	B2596SS		3/4" Heavy Duty Spring Latch Assy., Stainless Steel		2.05 lbs.	510 (N)
C	B2596KSS		3/4" Heavy Duty Keeper Only, Stainless Steel		0.5 lbs.	510 (N)
D	B2598H		5/8" Spring Latch w/ Plain Tube; 4.68" L x 2.53" W	—	.70 lbs.	510 (N)
D	B2598HU		5/8" Spring Latch w/ Plain Tube; 4.68" L x 2.53" W, Unassembled	—	.70 lbs.	510 (N)
D	B2598SSC		5/8" Spring Latch w/ Stainless Steel Tube and Pin	—	.74 lbs.	510 (N)
D	B2598LP		5/8" Spring Latch w/ Plain Tube and 1.31" Extended Plunger	—	1.00 lbs.	510 (N)
E	B2599RH		Spring Latch, Right Hand; 4.75" L x 1.125" W	—	.75 lbs.	510 (N)
E	B2599LH		Spring Latch, Left hand; 5" L x 2" W	—	.75 lbs.	510 (N)
F	B2586		1/2" Snap Lock	—	1.75 lbs.	510 (N)
G	B2590LH		1/2" Spring Latch Assy. Left Hand*; 6.09" L x 1.69" W	2 3/4"	.85 lbs.	510 (N)
G	B2590RH		1/2" Spring Latch Assy. Right Hand*; 6.09" L x 1.69" W	2 3/4"	.85 lbs.	510 (N)
G	B2590KZ		90° Keeper for B25290LH & B25290RH; 3.81" L x 2.5" W	—	.85 lbs.	510 (N)
H	TL382		Tipper Latch Assembly	—	1.25 lbs.	510 (N)

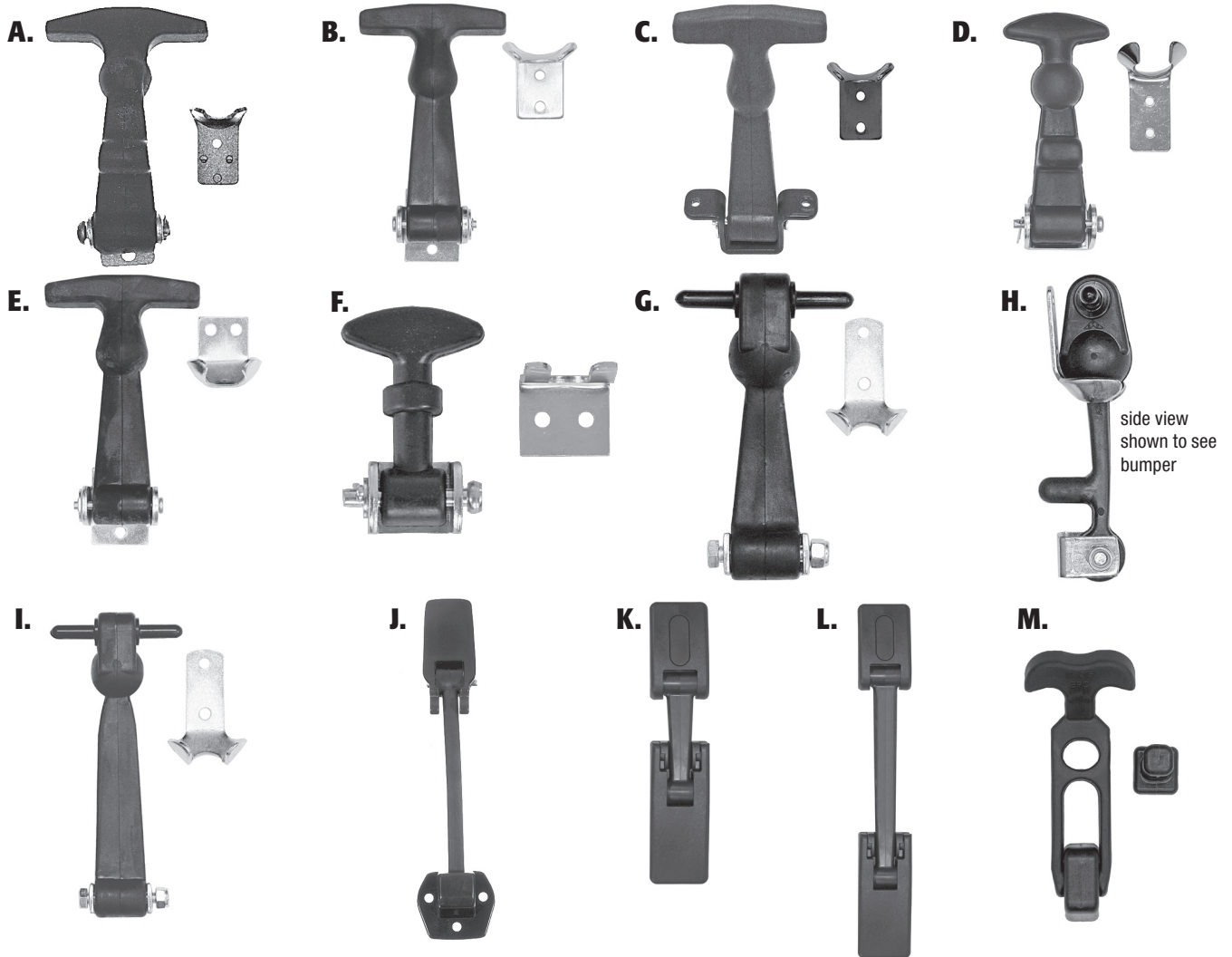
* Keeper Sold Separately
See www.buyersproducts.com for complete dimensions

NEW

NEW

TRUCK & TRAILER HARDWARE

RUBBER HOOD LATCHES



ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
	A	WJ195 ¹	4" "Easy Grip" Rubber Hood Catch, with Bracket	0.30 lbs.	522 (N)
B.P.C.	B	WJ201A	03010 4 ⁷ / ₈ " Rubber Hood Catch, with "A" Bracket	0.32 lbs.	522 (N)
	C	WJ201H	4 ⁷ / ₈ " Rubber Hood Catch, with Black "A" Bracket	0.32 lbs.	522 (N)
	D	WJ201SS	4 ⁷ / ₈ " Rubber Hood Catch, with "A" Bracket, Stainless Steel hardware	0.32 lbs.	522 (N)
B.P.C.	E	WJ201U	03015 4 ⁷ / ₈ " Rubber Hood Catch, with "U" Bracket	0.32 lbs.	522 (N)
B.P.C.	F	WJ202	03005 2 ¹ / ₂ " Miniature Rubber Hood Catch, with Bracket	0.13 lbs.	522 (N)
	G	WJ205	6" Heavy-Duty Rubber Hood Catch, Includes Brackets and Pin, No Bumper	0.43 lbs.	522 (N)
	G	WJ205RO	6" Heavy-Duty Rubber Hood Catch, Handle Only, No Bumper	0.43 lbs.	522 (N)
B.P.C.	H	WJ206	03020 6" Heavy-Duty Rubber Hood Catch, Includes Brackets and Pin	0.44 lbs.	522 (N)
	H	WJ206RO	6" Heavy-Duty Rubber Hood Catch, Handle Only	0.44 lbs.	522 (N)
B.P.C.	I	WJ208	03025 7 ⁷ / ₈ " Heavy-Duty Rubber Hood Catch, Includes Brackets and Pin	0.45 lbs.	522 (N)
	I	WJ208RO	7 ⁷ / ₈ " Heavy-Duty Rubber Hood Catch, Handle Only	0.45 lbs.	522 (N)
B.P.C.	J	WJ211 ²	03030 12" Ultra Rubber/Polymer Hood Catch	0.50 lbs.	522 (N)
	K	WJ212 ³	9" Rubber/Polymer Draw Latch	0.50 lbs.	510 (N)
	L	WJ213 ⁴	13 ¹ / ₄ " Rubber/Polymer Draw Latch	0.50 lbs.	510 (N)
	M	WJ215	4 ¹ / ₄ " Rubber/Polymer Draw Latch	0.25 lbs.	510 (N)

¹WJ195 compares to Southco®* Part No. 37-10-086-10

²WJ211 compares to Standard Navistar™* hood catch.

³WJ212 compares to Southco®* Part No. 37-30-294-60

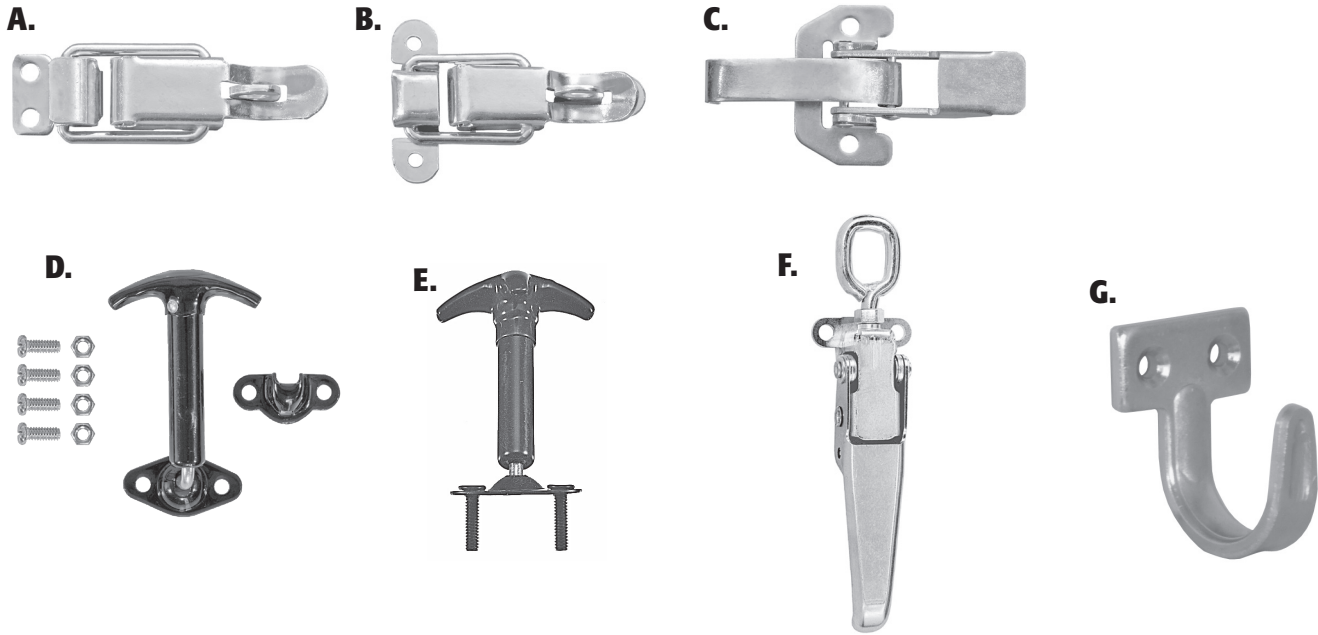
⁴WJ213 compares to Southco®* Part No. 37-140-295-60

*Buyers Products is not authorized by nor affiliated with the manufacturer of Southco® or Standard Navistar™ products.

 = Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

HOOD CATCHES



A. Padlock Eye Pull-Down Catch

- Catch complete with striker
- Zinc plated steel

B. Large Padlock Eye Pull-Down Catch

- Catch complete with striker
- Zinc plated steel

C. Hook Style Heavy-Duty Pull-Down Catch

- Used for general purpose
- Toggle-action
- Zinc plated steel
- Does not come with striker

D. Spring Loaded 90° Hood Catch

- 90° elbow at base of handle allows handle and bracket to be mounted on same plane
- Black enamel finish
- Includes hooking bracket

E. Spring Loaded Hood Catch

- Black enamel finish
- Includes hooking bracket

F. Heavy Duty Adjustable Draw Latch

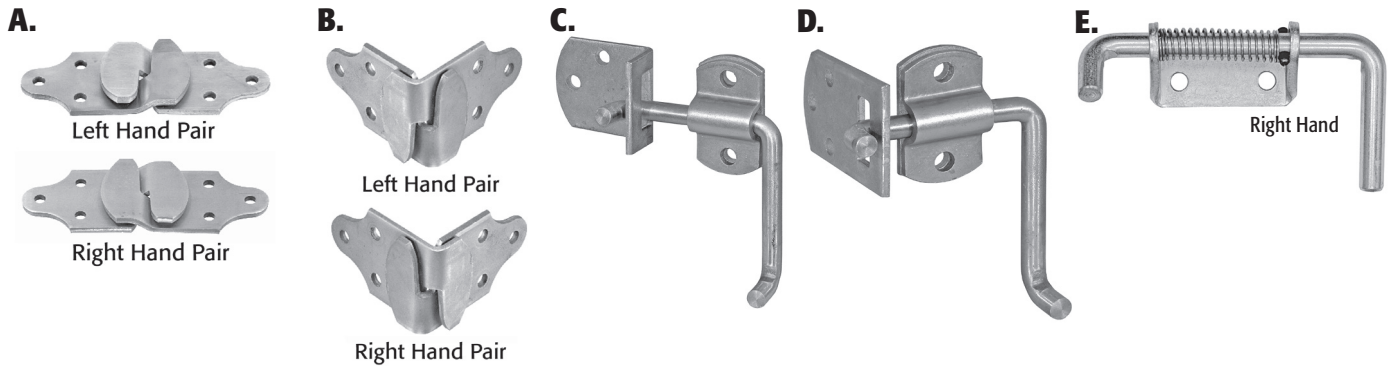
- Zinc plated steel

G. Utility Hook

- 1½" x 2"
- Zinc
- ¾" W x 1½" L Mounting Plate
- 15/16" Hook Opening
- 2" Overall Length
- Commonly used as catch for WJ2225

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BHC207Z	Padlock Eye Pull-Down Catch w/ Striker	0.15 lbs.	510 (N)
B BHC227Z	Large Padlock Eye Pull-Down Catch w/ Striker	0.15 lbs.	510 (N)
C BHC801Z	Heavy-Duty Pull-Down Catch	0.15 lbs.	510 (N)
D WJ96WCB	Spring Loaded 90° Hood Catch w/ Keeper and Hardware	0.31 lbs.	522 (N)
E WJ100WCB	Spring Loaded Hood Catch w/Keeper and Hardware	0.27 lbs.	522 (N)
F WJ225	Heavy Duty Adjustable Draw Latch	0.78 lbs.	522 (N)
G 3013332	Utility Hook, 1½" x 2", Zinc	0.12 lbs.	520(N)



A. Straight Stake Rack Connector Set

- 7" overall length, 1/32" holes
- Formed from 2 1/2" x 3/16" stock
- One set consists of 4 pieces: one L.H. pair and one R.H. pair

B. Corner Stake Rack Connector Set

- 3 5/8" length to inside of angle, 1/32" holes
- Formed from 2 1/2" x 3/16" stock
- One set consists of 4 pieces: one L.H. pair and one R.H. pair

C. Straight Side Security Latch Set

- Complete set of 4 pieces is shown
- Order by set or individual pieces
- Available plain, zinc plated or weld style
- Right or left hand, dependent on assembly

D. Corner Security Latch Set

- Complete set of 4 pieces is shown
- Order by set or individual pieces
- Available plain, zinc plated or weld style.
- Right or left hand, dependent on assembly

E. Stake Body Spring Latch

- Spring loaded handle
- Zinc plated bolt & housing; stainless steel spring

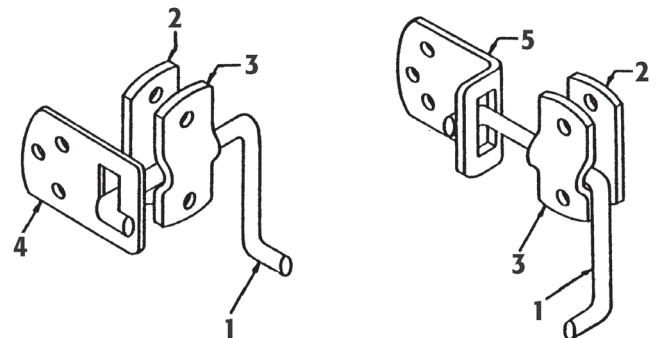
ORDERING INFORMATION

	PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
	A B2585B		Straight Stake Rack Connector Set	2.0 lbs.	526 (N)
	A B2585BZ	06015	Straight Stake Rack Connector Set, Zinc	2.0 lbs.	526 (N)
	B B2591B		Corner Stake Connector Set	2.0 lbs.	526 (N)
	B B2591BZ	06020	Corner Stake Rack Connector Set, Zinc	2.0 lbs.	526 (N)
	C B2588B		Straight Side Security Latch Set, Plain	1.5 lbs.	526 (N)
	C B2588BZ	06025	Straight Side Security Latch Set, Zinc	1.5 lbs.	526 (N)
	C B2588W		Straight Side Security Latch Set, Weld-On	1.5 lbs.	526 (N)
	D B2589B		Corner Security Latch Set, Plain	1.5 lbs.	526 (N)
	D B2589BZ	06030	Corner Security Latch Set, Zinc	1.5 lbs.	526 (N)
	D B2589W		Corner Security Latch Set, Weld-On	1.5 lbs.	526 (N)
	E B2590KZ		90 Degree Keeper for B2590LH, -RH	.85 lbs.	510 (N)
	E B2590LH		1/2" Spring Latch Assy. Left Hand	.85 lbs.	510 (N)
	E B2590RH		1/2" Spring Latch Assy. Right Hand	.85 lbs.	510 (N)

REPLACEMENT PARTS

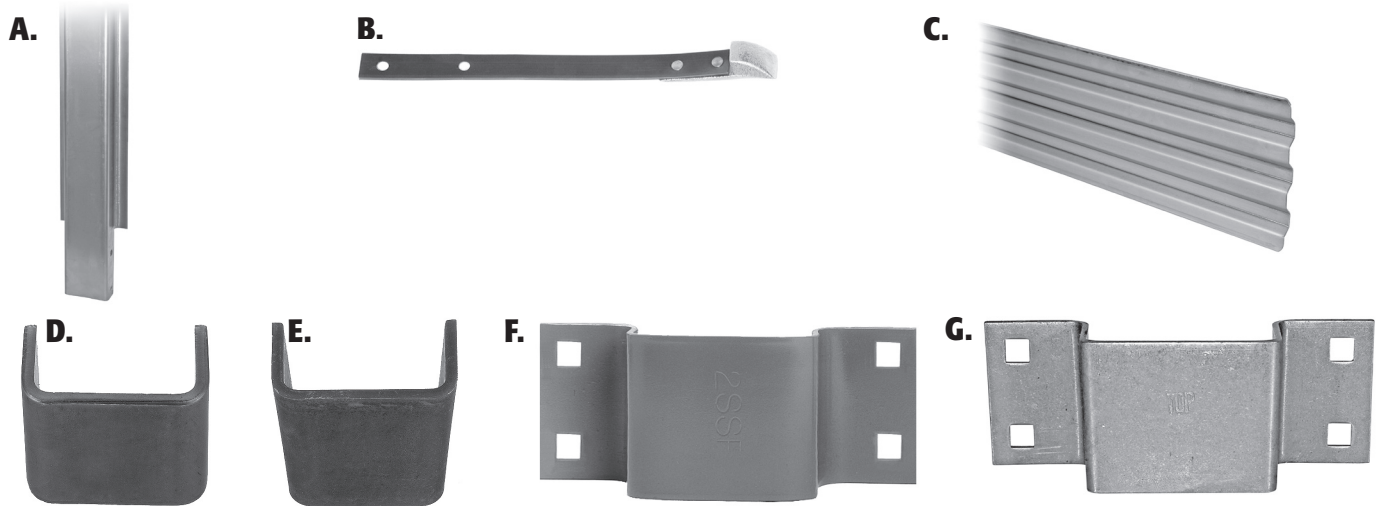
PART NO.	DESCRIPTION	WEIGHT	CAT.
1	Latch Bar	.51 lbs.	526 (N)
2	Bearing Plate	.23 lbs.	526 (N)
3	Bearing Cap	.26 lbs.	526 (N)
4	Corner Plate	.61 lbs.	526 (N)
5	Side Plate	.42 lbs.	526 (N)

To order zinc plated or welded unit components add Z or W suffix to part number. For example: 2W is a weld-on bearing plate.



TRUCK & TRAILER HARDWARE

STAKE BODY HARDWARE



A. Stake Assembly

- Two piece stakes with welded reinforcements
- Made of 14 gauge steel
- Available in two lengths, 47" & 54"
- Pocket size, 3"W x 4¾"D

B. Spring Latch

- Use on tailgates, stake posts, and compartment doors & drawers
- Zinc finish hook & spring

C. Liner Slat

- Available in 8 lengths to suit your requirements
- Slats are made from 16 gauge steel
- Long edges are rolled over, and corners are radiused for safety

D. Straight Weld-On Stake Pocket

E. Tapered Weld-On Stake Pocket

F. Straight Bolt-On Stake Pocket

G. Tapered Bolt-On Stake Pocket

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A SA1447WDNH	Stake Assembly; 47" T x 4.5" W	7.5 lbs.	526 (N)
A SA1454WDNH	Stake Assembly; 54" T x 4.5" W	8.5 lbs.	526 (N)
B B2597	Spring Latch, Zinc Plated; 10" L x .75" W	0.25 lbs.	510 (N)
C LS166545	Liner Slat; 44.62" L x 6.5" W	5.5 lbs.	526 (N)
C LS166548	Liner Slat; 47.25" L x 6.5" W	6.0 lbs.	526 (N)
C LS166554	Liner Slat; 53.25" L x 6.5" W	6.5 lbs.	526 (N)
C LS166572	Liner Slat; 71.25" L x 6.5" W	9.0 lbs.	526 (N)
C LS166590	Liner Slat; 90" L x 6.5" W	11.5 lbs.	526 (N)
C LS1665120	Liner Slat; 120" L x 6.5" W	15.0 lbs.	526 (N)
C LS1665144	Liner Slat; 144" L x 6.5" W	18.0 lbs.	526 (N)

STAKE BODY COMPONENTS

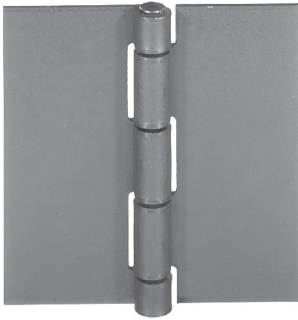
Buyers Products offers a complete line of stake body components. From stake pockets to liner slats, Buyers Products has everything you need to finish your stake body style vehicles.

ORDERING INFORMATION

PART NO.	PKG. PART NO.	DESCRIPTION	INSIDE DIMENSION	DEPTH	WEIGHT	CAT.	
D B2373C		Straight ¼" Steel Weld-On Stake Pocket	3½" x 1¾"	4"	1.9 lbs.	515 (N)	
D B2373J*		Straight ¼" Steel Weld-On Stake Pocket	3" x 1½"	3"	2.0 lbs.	515 (N)	
D B2373K*		Straight ¼" Steel Weld-On Stake Pocket	3" x 1½"	4"	2.5 lbs.	515 (N)	
D B2373R		Straight ⅞" Steel Weld-On Stake Pocket	3½" x 1½"	3"	1.3 lbs.	515 (N)	
D B2373W*	06005	Straight ⅞" Steel Weld-On Stake Pocket	3" x 1½"	2½"	0.48 lbs.	515 (N)	
PART NO.	PKG. PART NO.	DESCRIPTION	TOP	BOTTOM	DEPTH	WEIGHT	CAT.
E B2374E		Tapered ¼" Steel Weld-On Stake Pocket	3⅞" x 1⅞"	2¾" x 5⅞"	4"	1.9 lbs.	515 (N)
PART NO.	PKG. PART NO.	DESCRIPTION	INSIDE DIMENSION	DEPTH	WEIGHT	CAT.	
F B2373G*		Straight ⅞" Steel Bolt-On Stake Pocket	3" x 1½"	2½"	0.7 lbs.	515 (N)	
PART NO.	PKG. PART NO.	DESCRIPTION	TOP	BOTTOM	DEPTH	WEIGHT	CAT.
G B2374G	06010	Tapered ⅞" Steel Bolt-On Stake Pocket	3" x 1½"	2⅞" x 1½"	2½"	0.7 lbs.	515 (N)
G B2374GZ		Tapered ⅞" Steel Bolt-On Stake Pocket, Zinc	3" x 1½"	2⅞" x 1½"	2½"	0.7 lbs.	520 (N)

*Can be used to secure Buyers stake assemblies

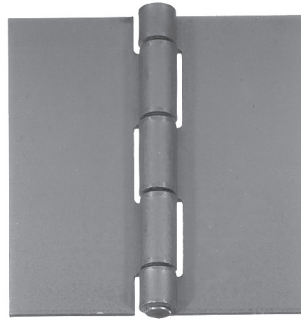
A.



A. Steel Butt Hinge

- No holes
- Plain finish
- Tight pin (spun both ends)

B.



B. Stainless Steel Butt Hinge

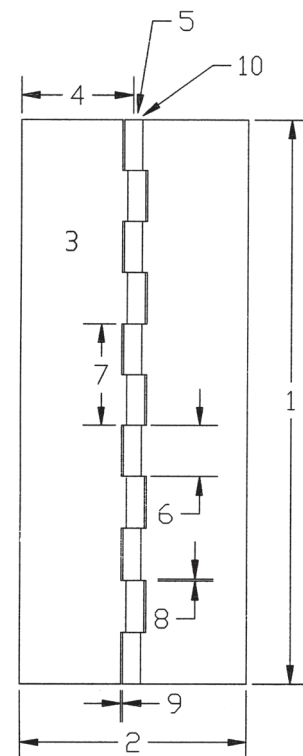
- No holes
- Plain finish
- Tight pin (spun both ends)

ORDERING INFORMATION

	PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	LENGTH	CAT.
A	BTS062012	.060"	2"	.125"	2"	484 (N)
A	BTS072018	.075"	2"	.187"	2"	484 (N)
A	BTS093018	.090"	3"	.187"	3"	484 (N)
A	BTS123025	.120"	3"	.250"	3"	484 (N)
A	BTS124025	.120"	4"	.250"	4"	484 (N)
B	BTSS062012	.060"	2"	.125"	2"	484 (N)
B	BTSS072018	.075"	2"	.187"	2"	484 (N)
B	BTSS093018	.090"	3"	.187"	3"	484 (N)
B	BTSS123025	.120"	3"	.250"	3"	484 (N)
B	BTSS124025	.120"	4"	.250"	4"	484 (N)
B	BTSS125025	.120"	5"	.250"	5"	484 (N)

CONTINUOUS HINGE

- Hinge Length:** The length of the leaves measured parallel to the pin.
- Hinge Width:** The over-all dimension of the leaves measured perpendicular or across, the pin.
- Leaf:** That portion of a hinge extending laterally from the knuckle, which generally revolves around a pin.
- Leaf Width:** The dimension from the center of the pin to the outer edge of the leaf.
- Knuckle:** The hollow circular part at the joint of a hinge through which a pin is passed. (Sometimes called loop, joint, node or curl.)
- Knuckle Length:** The nominal or typical dimension of the knuckle measured parallel to the pin.
- Pitch:** The dimension from a point on the knuckle to the same point on an adjacent knuckle on the same leaf.
- End Play:** The amount of axial movement between the leaves.
- Paint Clearance:** The dimension between the outer face of the knuckle and the opposing edge of the leaf cutout over the entire range of pivotal movement of the hinge.
- Pin:** Diameter of rod.



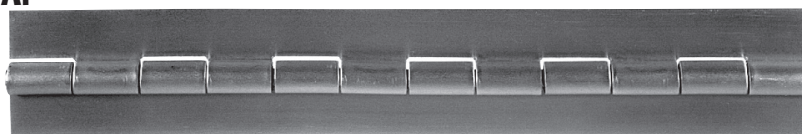
TRUCK & TRAILER HARDWARE

CONTINUOUS HINGE

A. Steel Continuous Hinge

- Equal Leaves
- Steel Pins
- Stock Length 72"
- 96" lengths are available by special order
- Stainless steel or brass pins are available by special order

A.



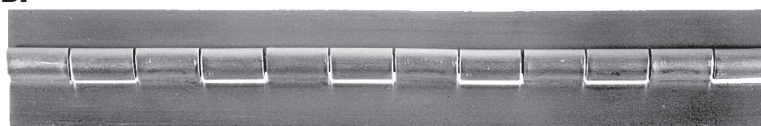
ORDERING INFORMATION							
	PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
A	S41	.075"	14	1½"	⅜"	1"	480 (N)
A	S42	.075"	14	2"	⅜"	1"	480 (N)
A	S43	.075"	14	2½"	⅜"	1"	480 (N)
A	S47	.075"	14	1½"	¼"	1"	480 (N)
A	S48	.075"	14	2"	¼"	1"	480 (N)
A	S49	.075"	14	2½"	¼"	1"	480 (N)
A	S50	.075"	14	3"	¼"	1"	480 (N)
A	S5313	.093"	13	2"	¼"	1"	480 (N)
A	S55	.075"	14	3"	¼"	2"	480 (N)

ORDERING INFORMATION							
	PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
A	S63	.120"	11	2"	⅜"	2"	480 (N)
A	S64	.120"	11	2½"	⅜"	2"	480 (N)
A	S65	.120"	11	3"	⅜"	2"	480 (N)
A	S67	.120"	11	4"	⅜"	2"	480 (N)
A	S72	.187"	7	3"	½"	2"	480 (N)
A	S73	.187"	7	4"	½"	2"	480 (N)
A	S74	.187"	7	5"	½"	2"	480 (N)
A	S75	.187"	7	6"	½"	2"	480 (N)
A	S77	.187"	7	8"	½"	2"	480 (N)

B. Aluminum Continuous Hinge

- Equal Leaves
- Full Hard Aluminum Pins
- Stock Length 72"
- 96" lengths are available by special order

B.



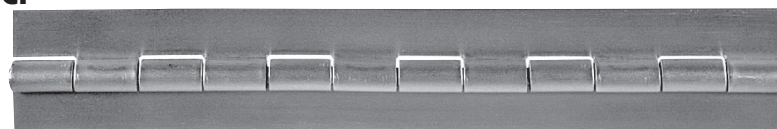
ORDERING INFORMATION						
	PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
B	A23	.062"	2"	⅜"	½"	490 (N)
B	A29	.075"	2"	⅜"	½"	490 (N)
B	A34	.093"	2"	¼"	1"	490 (N)

ORDERING INFORMATION						
	PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
B	A36	.093"	3"	¼"	1"	490 (N)
B	A41	.120"	3"	⅜"	2"	490 (N)
B	A42	.120"	4"	⅜"	2"	490 (N)

C. Stainless Steel Continuous Hinge

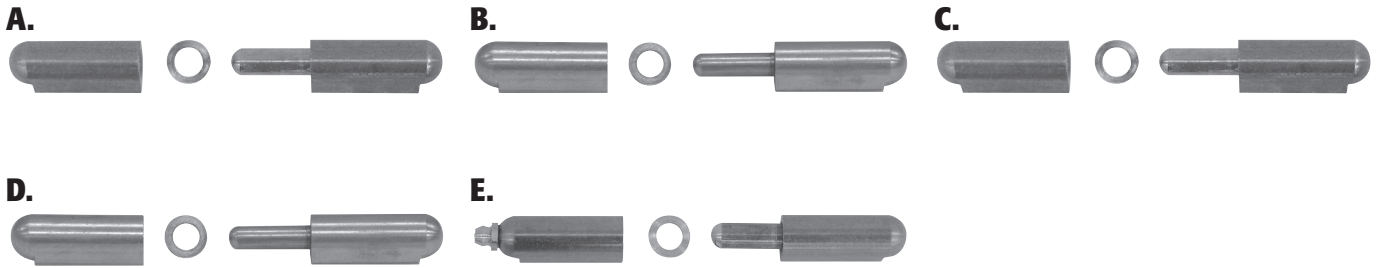
- 2-B Mill
- Type 302 Stainless Steel
- Equal Leaves
- Stainless Steel Pins
- Stock Length 72"
- 96" lengths are available by special order

C.



ORDERING INFORMATION							
	PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
C	SS8	.062"	16	1½"	.125"	½"	500 (N)
C	SS9	.062"	16	2"	.125"	½"	500 (N)
C	SS11	.062"	16	3"	.125"	½"	500 (N)
C	SS12	.062"	16	2"	.187"	½"	500 (N)
C	SS15	.075"	14	2"	.250"	1"	500 (N)
C	SS15N	.075"	14	2"	.187"	1"	500 (N)

ORDERING INFORMATION							
	PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH	CAT.
C	SS16	.075"	14	2½"	.250"	1"	500 (N)
C	SS17	.075"	14	3"	.250"	1"	500 (N)
C	SS18	.075"	14	4"	.250"	1"	500 (N)
C	SS19	.120"	11	2"	.375"	2"	500 (N)
C	SS20	.120"	11	3"	.375"	2"	500 (N)
C	SS21	.120"	11	4"	.375"	2"	500 (N)



A. Weld on "Bullet" Hinge

- Steel w/ steel pin and brass bushing

B. Weld on "Bullet" Hinge

- Steel w/ brass pin and brass bushing

C. Weld on "Bullet" Hinge

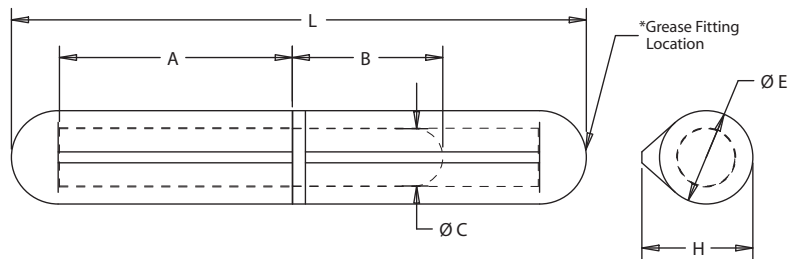
- Stainless steel w/ stainless steel pin and bushing

D. Weld on "Bullet" Hinge

- Aluminum w/ stainless steel pin and bushing

E. Weld on "Bullet" Hinge

- Steel w/ brass pin, brass bushing, and grease fitting

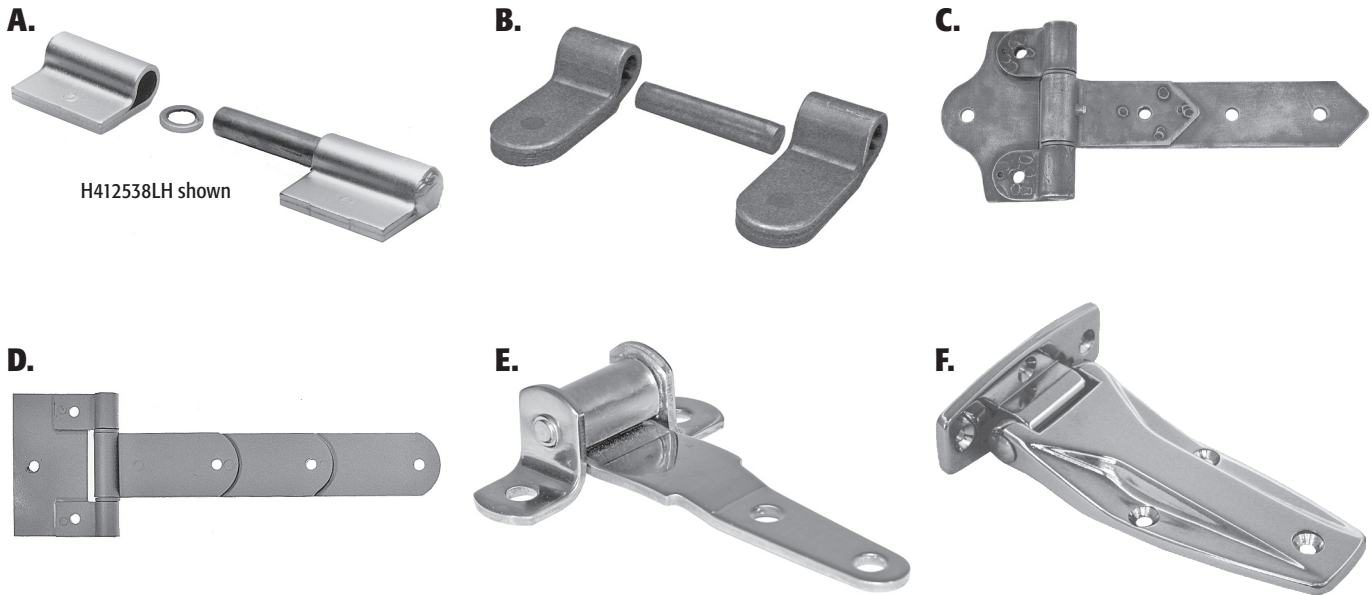


ORDERING INFORMATION

	PART NO.	LENGTH (L)	THICKNESS (H)	DIAMETER (E)	PIN LENGTH		PIN DIAMETER (C)	WEIGHT	CAT.
					(A)	(B)			
A	FSP050	1.97"	0.39"	0.32"	0.79"	0.55"	0.20"	0.04 lbs.	494 (N)
A	FSP060	2.36"	0.47"	0.39"	0.94"	0.67"	0.24"	0.08 lbs.	494 (N)
A	FSP070	2.76"	0.51"	0.45"	1.14"	0.67"	0.24"	0.13 lbs.	494 (N)
A	FSP080	3.15"	0.61"	0.51"	1.28"	0.83"	0.32"	0.19 lbs.	494 (N)
A	FSP100	3.94"	0.77"	0.63"	1.65"	1.16"	0.39"	0.35 lbs.	494 (N)
A	FSP120	4.72"	0.77"	0.63"	2.01"	1.26"	0.39"	0.44 lbs.	494 (N)
A	FSP150	5.91"	0.98"	0.79"	2.48"	1.57"	0.51"	0.85 lbs.	494 (N)
A	FSP200	7.87"	1.12"	0.91"	3.46"	2.05"	0.63"	1.50 lbs.	494 (N)
A	FSP260	10.24"	1.46"	1.10"	4.53"	2.87"	0.75"	2.93 lbs.	494 (N)
B	FBP050	1.97"	0.39"	0.32"	0.79"	0.55"	0.20"	0.04 lbs.	494 (N)
B	FBP060	2.36"	0.47"	0.39"	0.94"	0.67"	0.24"	0.08 lbs.	494 (N)
B	FBP070	2.76"	0.51"	0.45"	1.14"	0.67"	0.24"	0.13 lbs.	494 (N)
B	FBP080	3.15"	0.61"	0.51"	1.28"	0.83"	0.32"	0.19 lbs.	494 (N)
B	FBP100	3.94"	0.77"	0.63"	1.65"	1.16"	0.39"	0.37 lbs.	494 (N)
B	FBP150	5.91"	0.98"	0.79"	2.48"	1.57"	0.51"	0.88 lbs.	494 (N)
B	FBP200	7.87"	1.12"	0.91"	3.46"	2.05"	0.63"	1.50 lbs.	494 (N)
B	FBP260	10.24"	1.46"	1.10"	4.53"	2.87"	0.75"	3.01 lbs.	494 (N)
C	FSS070	2.76"	0.51"	0.45"	1.14"	0.67"	0.24"	0.13 lbs.	494 (N)
C	FSS100	3.94"	0.77"	0.63"	1.65"	1.16"	0.39"	0.35 lbs.	494 (N)
D	AFSSP080	3.15"	0.61"	0.51"	1.28"	0.83"	0.32"	0.09 lbs.	494 (N)
D	AFSSP100	3.94"	0.77"	0.63"	1.65"	1.16"	0.39"	0.18 lbs.	494 (N)
E	FBP080GF*	3.15"	0.61"	0.51"	1.28"	0.83"	0.32"	0.19 lbs.	494 (N)
E	FBP100GF*	3.94"	0.77"	0.63"	1.65"	1.16"	0.39"	0.35 lbs.	494 (N)
E	FBP120GF*	4.72"	0.77"	0.63"	2.01"	1.26"	0.39"	0.43 lbs.	494 (N)
E	FBP150GF*	5.91"	0.98"	0.79"	2.48"	1.57"	0.51"	0.87 lbs.	494 (N)

TRUCK & TRAILER HARDWARE

HINGES



A. Butt Hinge

- Flush mounted wing style
- Zinc plated steel construction
- Stainless steel pin
- Single end weld for left or right mount

B. Butt Hinge

- Flush mounted wing style
- Steel construction
- Pin not welded
- Plain finish

C. Strap Hinge

- Strap: $\frac{3}{16}$ " steel, $1\frac{3}{4}$ " wide
- Bracket: $\frac{3}{16}$ " steel $3\frac{1}{2}$ " wide, $4\frac{1}{2}$ " high
- Pin: $\frac{1}{2}$ " dia. brass, washer and grease fitting
- Finish: Plain

D. Strap Hinge

- Strap: $\frac{3}{16}$ " steel, $2\frac{1}{4}$ " wide
- Bracket: $\frac{3}{16}$ " steel 3" wide, 5" high
- Pin: $\frac{1}{2}$ " dia. steel, steel thrust bearings

Strap length is measured from center of pin to end of strap.

E. Stainless Steel Strap Hinge

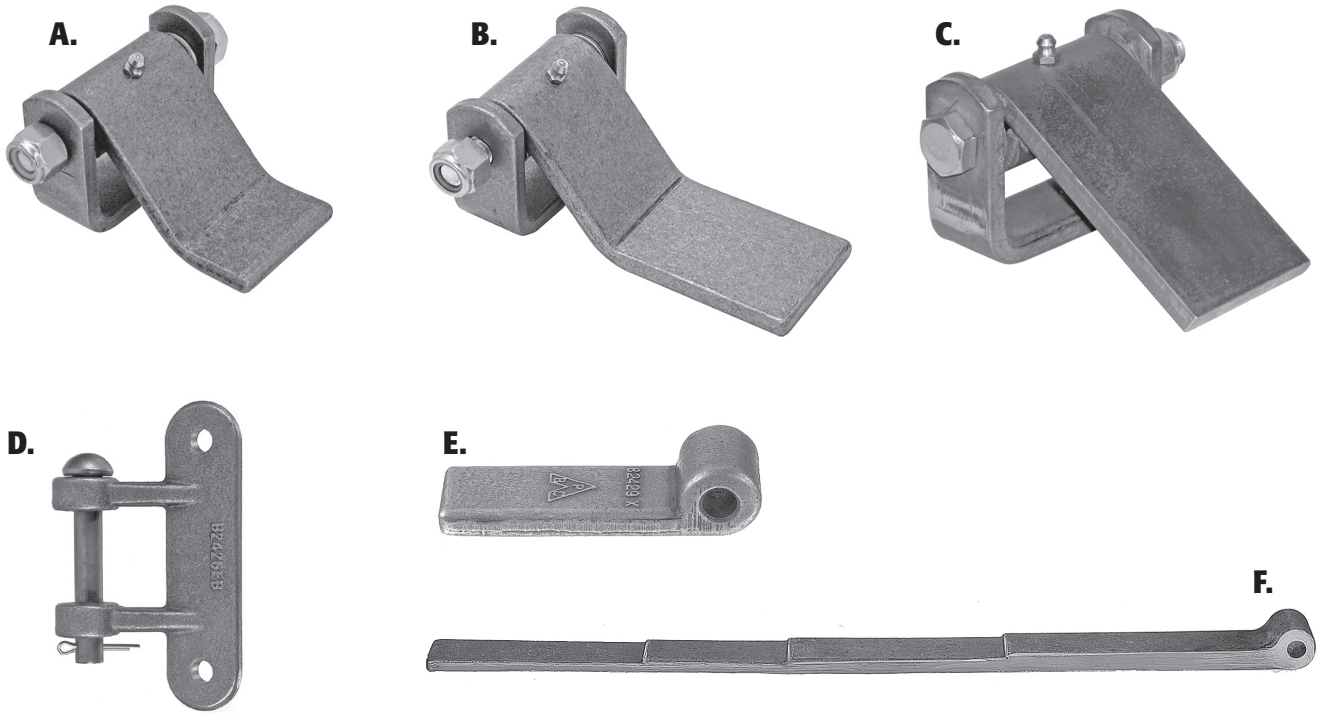
- Strap: $\frac{1}{8}$ " stainless steel, 1" wide
- Bracket: $\frac{1}{8}$ " steel $2\frac{3}{4}$ " wide, 1" high
- Pin: $\frac{5}{16}$ " diameter, nylon bushing

F. Flush Hinge

- Flush steel hinge
- $\frac{1}{4}$ " pin
- Countersunk holes and nylon bushings

ORDERING INFORMATION

	PART NO.	DESCRIPTION	PIN SIZE	WEIGHT	CAT.
A	H412538RH	Butt Hinge, 4" L x $1\frac{1}{4}$ " W, Right	$\frac{3}{8}$ "	0.60 lbs.	484 (N)
A	H412538LH	Butt Hinge, 4" L x $1\frac{1}{4}$ " W, Left	$\frac{3}{8}$ "	0.60 lbs.	484 (N)
A	H412550RH	Butt Hinge, 4" L x $1\frac{1}{4}$ " W, Right	$\frac{1}{2}$ "	0.75 lbs.	484 (N)
A	H412550LH	Butt Hinge, 4" L x $1\frac{1}{4}$ " W, Left	$\frac{1}{2}$ "	0.75 lbs.	484 (N)
B	H2550	Butt Hinge, $5\frac{1}{2}$ " L x $2\frac{1}{2}$ " W	$\frac{1}{2}$ "	0.90 lbs.	484 (N)
C	B2423E	8" Strap, $11\frac{1}{2}$ " L x $4\frac{1}{2}$ " W	$\frac{1}{2}$ "	2.45 lbs.	486 (N)
D	B2423F	8" Strap, 10.56" L x 5" W	$\frac{1}{2}$ "	2.45 lbs.	486 (N)
D	B2423G	12" Strap, 15.19" L x 5" W	$\frac{1}{2}$ "	3.80 lbs.	486 (N)
D	B2423H	16" Strap, 18.81" L x 5" W	$\frac{1}{2}$ "	4.50 lbs.	486 (N)
E	B2424SS	$3\frac{5}{8}$ " Strap, 4" W x $2\frac{3}{4}$ " W	$\frac{5}{16}$ "	0.25 lbs.	486 (N)
F	B2426SSCL	Cast Zinc, Polished Finish, 5.59" L x 3.28" W, Left	$\frac{1}{4}$ "	0.71 lbs.	486 (N)
F	B2426SSCR	Cast Zinc, Polished Finish, 5.59" L x 3.28" W, Right	$\frac{1}{4}$ "	0.71 lbs.	486 (N)



A. - C. Formed Hinge

- Formed .31" thick steel hinge
- Includes zinc washer, hex head cap screw and locknut, plastic bushing
- 3008649 optional steel bushing

D. Forged Butt Hinge

- Consists of drop forged butt, hinge pin and cotter key
- Width of opening: 1½"
- Holes in flat, C to C: 4"
- Projection: 2"
- Dia. of eye: 1⅛"
- Holes in eye: ⅞"
- Pin size: ½"

E. - F. Forged Hinge Strap

- Drop forged steel hinge straps offer strength with reduced weight
- May be welded, bolted or riveted

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A B2426FS	Formed Hinge Strap with Grease Fitting; 3.85" L x 4.33" W x 2.44" T	2.25 lbs.	486 (N)
B B2426FSL	Formed Hinge Strap with Grease Fitting, Long Leaf; 5.85" L x 4.33" W x 2.44" T	2.62 lbs.	486 (N)
C B2426FSNB	Formed Hinge Strap with Grease Fitting, Straight Strap; 3.85" L x 4.35" W x 2.44" T	2.22 lbs.	486 (N)
3008647	Steel Bushing for B2426F Series Hinge, Replaces Standard Poly Bushing	0.01 lbs.	486 (N)
D B2426E	Forged Hinge Butt w/ Pin & Cotter; 5-3/8" W x 3-3/8" W	1.35 lbs.	486 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	C EYE TO END	STRAP WIDTH	HOLE	WEIGHT	CAT.
E B2429X	Forged Hinge Strap, Short	4⅜"	1½"	17/32"	1.24 lbs.	486 (N)
F B2430W	Forged Hinge Strap, Long	24"	1½"	33/64"	4.60 lbs.	486 (N)

TRUCK & TRAILER HARDWARE

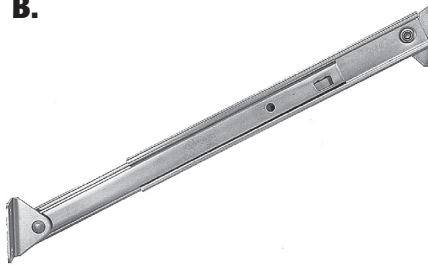
OVERHEAD DOOR CHECKS

DOOR PROPS

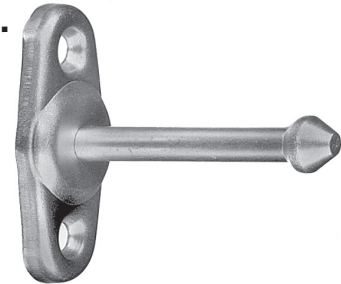
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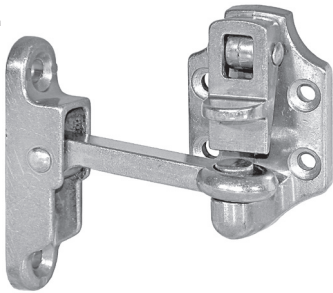
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C.



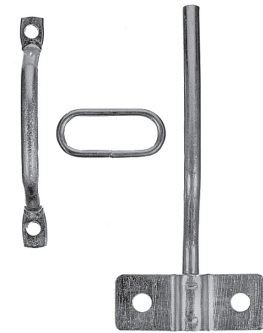
D.



E.



F.



A. Door Check & Hold Back

- Spring permits slide to pass over center and hold door at 90°
- Releases automatically and door closes by slight push
- Operates on doors with vertical or horizontal hinges
- Parts are cadmium plated for long life

B. Telescoping Door & Lid Prop

- Stays open prevents accidental closing
- Automatically locks when extended
- Unlocks automatically when extended slightly in the up position
- All steel construction
- Sturdy mounting clamps
- Zinc-plated to resist rust and corrosion

C. Door Hold Back Plunger

D. HD Alum. Door Hold Back

- HD die cast aluminum construction
- Available in 2" or 4" lengths
- Keeper has spring loaded latch mechanism

E. Hook & Keeper Door Holder

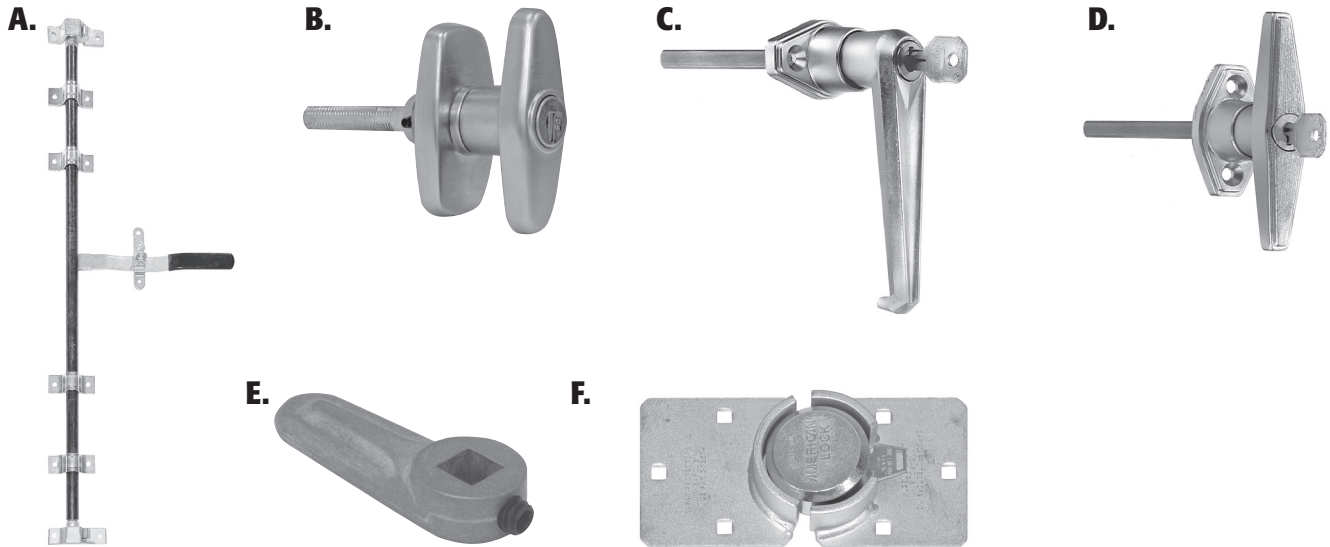
- Zinc plated or stainless steel stamping

F. Link Type Door Holder

- Zinc plated steel

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BH2395AA11	Door Check and Hold Back; 11" Arm, 13" Slide Rod, and 50# Spring	1.87 lbs.	514 (N)
A BM2395AA11	Door Check and Hold Back; 11" Arm, 13" Slide Rod, and 30# Spring	1.69 lbs.	514 (N)
A BL2395AA11	Door Check and Hold Back; 11" Arm, 13" Slide Rod, and 12# Spring	1.68 lbs.	514 (N)
B DP100	21" Extended/13.125" Retracted Telescoping Door and Lid Prop	0.87 lbs.	514 (N)
B DP102	12¼" Extended/8.5" Retracted Telescoping Door and Lid Prop	0.87 lbs.	514 (N)
C DH158	1½" Zinc Door Hold Back, 1¼" Plunger	0.16 lbs.	514 (N)
D DH300	Aluminum Door Hold Back, 2" Hook & Keeper	0.30 lbs.	514 (N)
D DH304	Aluminum Door Hold Back, 4" Hook & Keeper	0.29 lbs.	514 (N)
E DH500	4" Hook & Keeper, Zinc Plated	0.50 lbs.	514 (N)
E DH500SS	4" Hook & Keeper, Stainless Steel	0.36 lbs.	514 (N)
E DH501	4" Hook Only, Zinc Plated	0.25 lbs.	514 (N)
E DH502	Keeper Only, Zinc Plated	0.25 lbs.	514 (N)
E DH5006	6" Hook & Keeper, Zinc Plated	0.70 lbs.	514 (N)
E DH5006SS	6" Hook & Keeper, Stainless Steel	0.38 lbs.	514 (N)
F DH552	Zinc Plated Door Hold Back, Link-Style with 2" Link	0.63 lbs.	514 (N)
F DH554	Zinc Plated Door Hold Back, Link-Style with 4" Link	0.63 lbs.	514 (N)



A. Cam Action Door Lock Kit

- Cast steel cups, lugs, steel handle (13") & supports
- For use with 3/4" pipe (not available)
- Sold as kit only

B. "T" Type Locking Door Handle

- 90° clockwise or counterclockwise
- Zinc die cast
- Shaft is standard 5/16" square

C. Outside Surface Mount "L" Type Door Handle

- Chrome plated handles rotate full 360°
- Can be locked in 4 positions spaced 90° apart
- Shaft is standard 5/16" sq. x 2-11/16" L
- 1 1/2" C-C mounting holes

D. Outside Surface Mount "T" Type Door Handle

- Chrome plated handles rotate full 360°
- Shaft is standard 5/16" square x 4-3/16" L
- 1 1/2" C-C mounting holes
- Can be locked in 4 positions spaced 90° apart

E. Single Point Cam

- Complete with set screw
 - Zinc die cast
 - Secures to 5/16" Shaft
- For use with B2391, B2392L, & B2394L*

F. Security Lock & Hasp

- Cylindrical lock provides maximum protection
- Hasp shields the cylinder, providing extra security
- Heavy-duty chrome-plated steel lock with two keys. Zinc-plated hasp
- Includes all mounting fasteners
- Lock & hasp sold separately
- Packaged for retail display

ORDERING INFORMATION

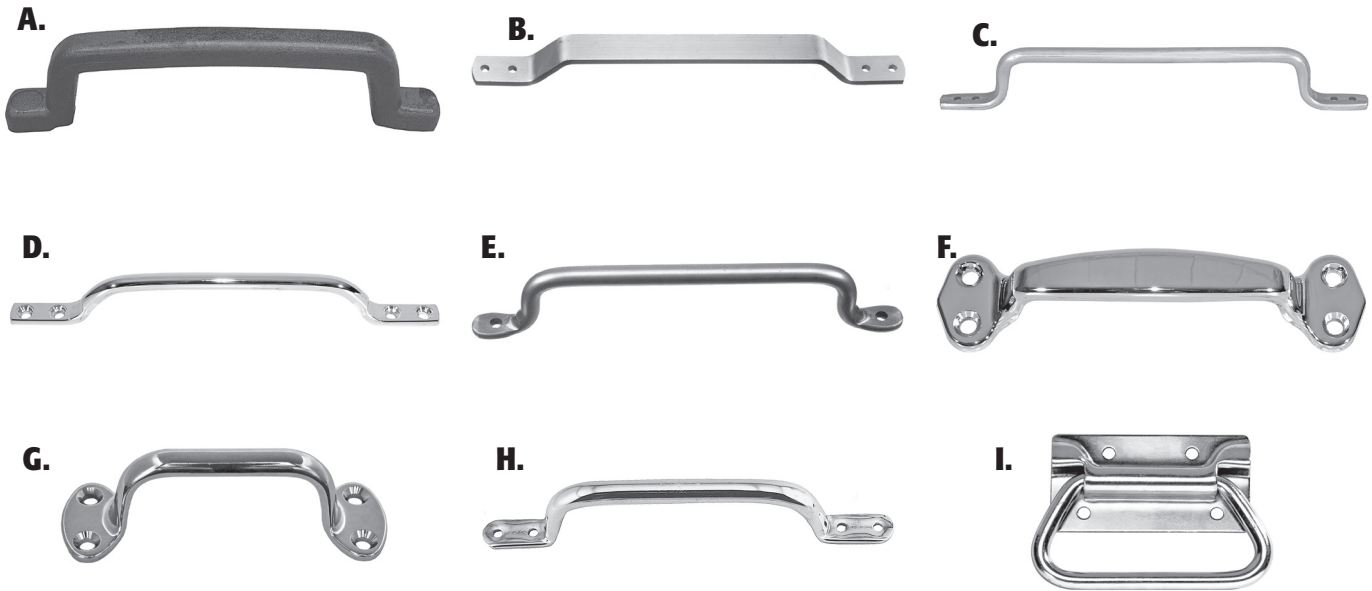
PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
A B2159C		Cam Action Door	7.0 lbs.	513 (N)
B B2391LCCW		"T" Type Locking Door Handle, 90° Counterclockwise; 2.75" Length x 1.33" Width	0.10 lbs.	513 (N)
B B2391LPR		"T" Type Locking Door Handle, Pair (CW & CCW); 2.75" Length x 1.33" Width	0.95 lbs.	513 (N)
C B2394L	04005	"L" Type Locking Door Handle, 3 1/2" Handle Length, CL001 key	0.48 lbs.	513 (N)
D B2392L	04010	"T" Type Locking Door Handle, 3-7/8" Handle Length, CL001 key	0.53 lbs.	513 (N)
E B239CZ		Single Point Cam w/ Set Screw	0.10 lbs.	513 (N)
F SL100	SL100	Chrome Plated Security Lock, Shielded	3.0 lbs.	513 (N)
F SLH100		Zinc Plated Hasp for Security Lock; 9" Length x 4.5" Width	2.7 lbs.	513 (N)



= Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

GRAB HANDLES



A. Poly Grab Handle w/Steel Insert

- Pop-out cover (hidden bolt) design

B. Solid Aluminum Grab Handle

- Flat
- Bright anodized finish

C. Solid Aluminum Grab Handle

- Round
- Bright anodized finish

D. Chrome Plated Solid Steel Grab Handle

- Chrome finish

E. Forged Grab Handle

- Plain

F. Tubular Steel Grab Handle

- Chrome plated

G. Die-Cast Grab Handle

- Chrome plated

H. Tubular Grab Handle

- Chrome plated

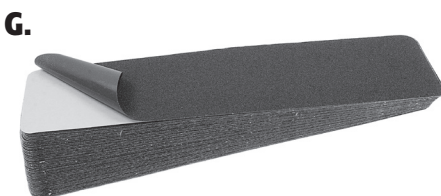
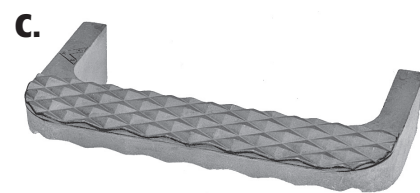
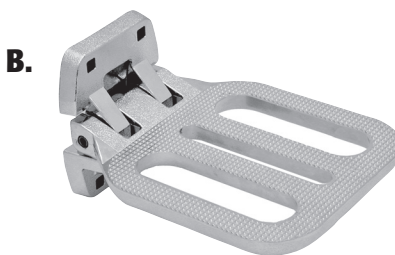
I. Chest Handle

- .055 CRS Plate
- Zinc plated
- 4" width x 2.75" height

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A B239911P	10 ¹³ / ₁₆ " Poly Coated Steel Grab Handle	0.55 lbs.	516 (N)
B B239916AL	16" Solid Aluminum Grab Handle, Flat	0.55 lbs.	516 (N)
C B239914AL	13" Solid Aluminum Grab Handle, Round, 1/2" dia.	0.45 lbs.	516 (N)
C B239918AL	18" Solid Aluminum Grab Handle, Round, 5/8" dia.	0.50 lbs.	516 (N)
D B239918C	13 ¹ / ₄ " Solid Steel Chrome Plated Grab Handle, 1/2" dia.	0.75 lbs.	516 (N)
D B239920C	16" Solid Steel Chrome Plated Grab Handle, 1/2" dia.	1.00 lbs.	516 (N)
E B2399A	9 ¹ / ₂ " Forged Grab Handle, 5/8" dia.	0.98 lbs.	516 (N)
E B2399B	11 ¹ / ₂ " Forged Grab Handle, 5/8" dia.	1.13 lbs.	516 (N)
E B2399C	13 ¹ / ₂ " Forged Grab Handle, 5/8" dia.	1.28 lbs.	516 (N)
E B2399D	15 ³ / ₈ " Forged Grab Handle, 5/8" dia.	1.44 lbs.	516 (N)
E B2399W	13 ¹ / ₄ " Forged Weld-On Grab Handle, 1/2" dia.	0.79 lbs.	516 (N)
F B2399B2C	8 ¹ / ₄ " Die Cast Grab Handle	0.75 lbs.	516 (N)
G B2399B6C	5 ⁵ / ₁₆ " Die Cast Grab Handle	0.75 lbs.	516 (N)
H B2399BC	11 ¹ / ₂ " Chrome Finish Tubular Steel Grab Handle, 5/8" dia.	0.40 lbs.	516 (N)
I B2344	Zinc Chest Handle	0.40 lbs.	520 (N)

FOLDING/GRAB STEPS, STEPS, & ANTI-SKID TAPE



A. Folding Foot/Grab Step

- Investment cast
- Plain, Zinc plated, Black E-Coat, or Stainless Steel finish

D. Die Cast Aluminum Pickup Truck Step, Set

- 3" Drop for improved cab access
- Die-Cast, black powder coat aluminum
- Fits GM, Ford & Ram
- Reversible to fit driver & passenger side
- 19³/₄" Overall length (14"W x 5"D usable step)
- Mounting hardware included

G. Anti-Skid Tape, Sheets

- Black medium "46" grit surface improves traction & safety
- Easy to apply, simply peel & stick
- Ideal for bumpers, steps, walkways or anywhere foot traffic can be hazardous
- Helps meet OSHA & ADA requirements
- Resistant to detergents & solvents
- Radius corners for convenience & finished look.
- Fifty precut 6" x 24" sheets per box
- Easy to apply, simply peel & stick

B. Large Folding Step

- Die cast aluminum
- Chrome plated
- Stainless steel springs retain step firmly in opened or closed position
- Conforms to NFPA specifications
- 7¹/₄" x 6³/₄" step platform

E. Perforated Metal Channel Step Grip

- Designed to help meet OSHA requirements
- Stocked in convenient 48" length
- 13 gauge hot rolled steel

C. Die Cast Weld-On Step

- Die cast aluminum or steel construction
- Reversible for flat top or side guard application
- 7³/₄" L x 4¹/₈" W x 1¹/₂" T

F. Anti-Skid Tape, Roll

- Black medium "46" grit surface improves traction and safety
- Ideal for bumpers, steps, walkways or anywhere foot traffic can be hazardous
- Each roll is individually boxed
- Helps meet OSHA & ADA requirements
- Resistant to detergents & solvents
- Custom sizes available
- Easy to apply, simply peel & stick

ORDERING INFORMATION

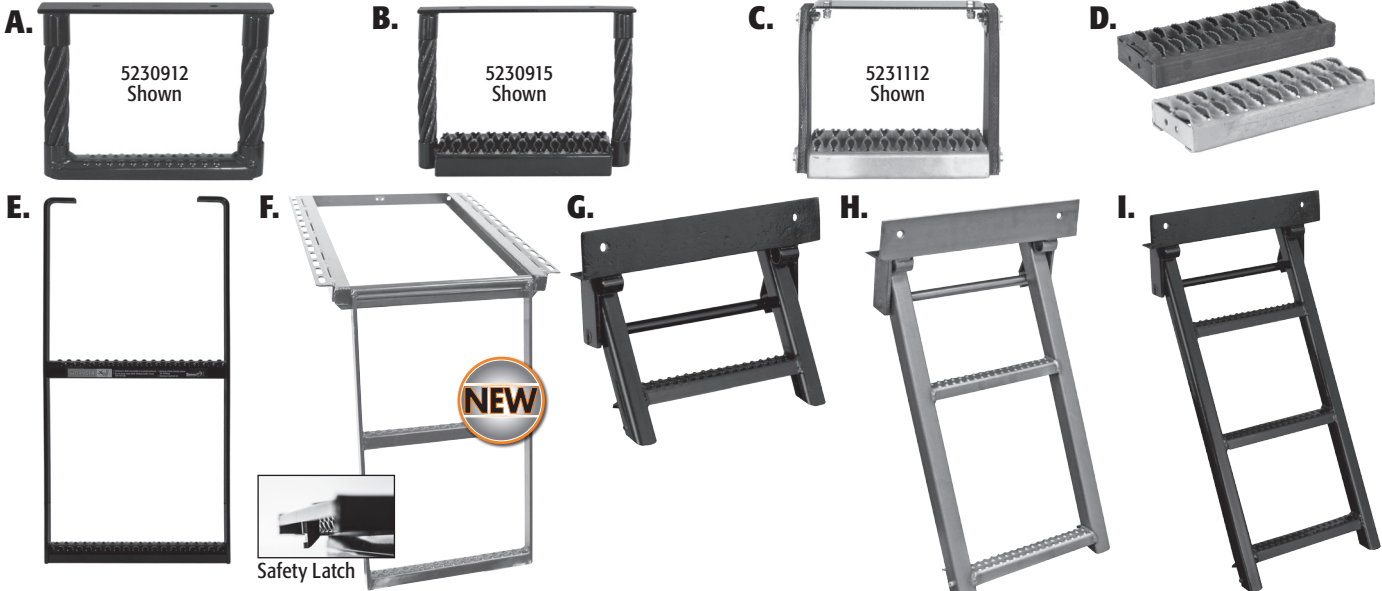
	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	B2797BPC	Safety Folding Grab or Step, black e-coat finish	1.25 lbs.	523 (N)
A	B2797P	Safety Folding Grab or Step, plain finish	1.25 lbs.	523 (N)
A	B2797SS	Safety Folding Grab or Step, stainless steel	1.25 lbs.	523 (N)
A	B2797Z	Safety Folding Grab or Step, zinc plated	1.25 lbs.	523 (N)
B	FS2797CH	Heavy-Duty Cast Aluminum Folding Step	5.68 lbs.	523 (N)
C	B2744A	Weld-On Cast Aluminum Step, Reversible	1.50 lbs.	523 (N)
C	B2744S	Weld-On Cast Steel Step, Reversible	3.20 lbs.	523 (N)
D	5231021	Die Cast Aluminum Pickup Truck Step	7.0 lbs.	523 (N)
E	SG1501048	3 Row Ladder Rung	3.80 lbs.	523 (N)
F	AST60	Antiskid Tape, Self-Adhesive, 2" x 60' Roll	3.00 lbs.	523 (N)
F	AST460	Antiskid Tape, Self-Adhesive, 4" x 60' Roll	4.50 lbs.	523 (N)
F	AST660	Antiskid Tape, Self-Adhesive, 6" x 60' Roll	7.50 lbs.	523 (N)
G	AST624	Antiskid Tape, Self-Adhesive, 6" x 24" Sheets (50 per box)	13.0 lbs.	523 (N)



= Available in Full Color Retail Package

TRUCK & TRAILER HARDWARE

RETRACTABLE STEPS, CABLE STEPS



A. - B. Cable Step

- 1/4" galvanized wire cable
- Cable welded to 1 1/2" pipe sleeve ends
- 1-3/8" deep perforated anti-slip metal grip step or 4 3/4" diamond deck-span deep step
- Black powder coat finish

E. Two or Three-Rung Steel Step

- 2" deep perforated anti-slip metal grip step
- 1/4" x 2" Steel bar
- Black powder coat finish
- Bolt-On or weld-on

C. Flexible Rubber Step

- Belted rubber, galvanized step
- Powder coated mounting Bracket, weld-on or bolt-on
- Flexible & durable to resist damage from low objects & off road impact
- Zinc hardware included
- Common on mechanics trucks with low work shelf bumpers

F. Retractable Truck Step

- Nonslip treads
- Compact storage - Horizontal storage avoids interference with toolboxes, reservoirs, etc.
- Structural steel frame, Black Powder Coat Finish
- Bolt-on or weld-on

D. Diamond Deck-Span Tread

- 12 Gauge steel
- Plain or galvanized
- 4.75" x 12"

G. - I. Retractable Truck Step

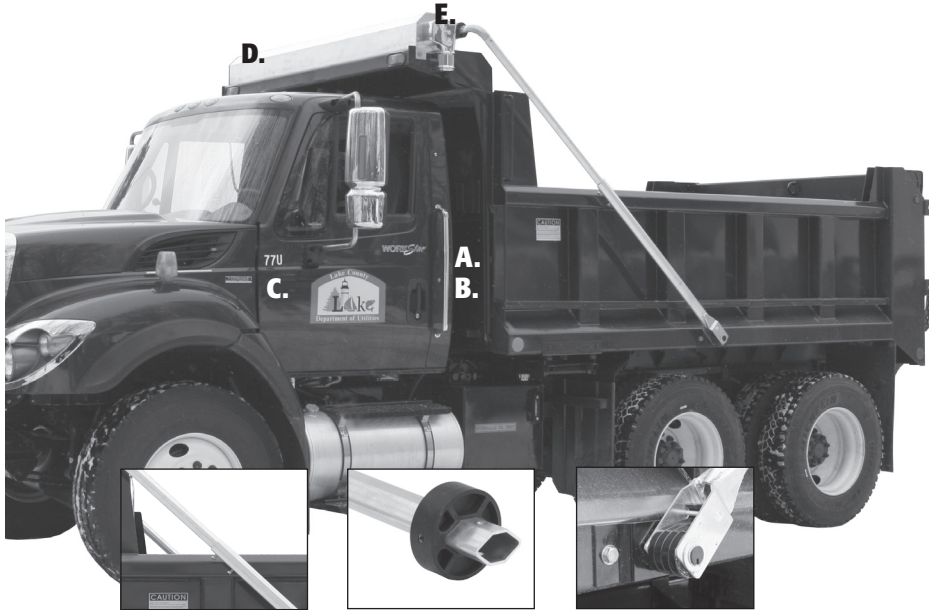
- Available in 1, 2 or 3 rungs
- Nonslip treads
- Available in stainless steel, durable black, or yellow powder coat finish
- Stainless steel is bead blasted

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5230912	Cable Step, 9" T x 12" W x 1-3/8" D, Black	4.50 lbs.	523 (N)
NEW	A 5231212	Cable Step, 12" T x 12" W x 1-3/8" D, Black	8.98 lbs.	523 (N)
	A 5231512	Cable Step, 15" T x 12" W x 1-3/8" D, Black	9.18 lbs.	523 (N)
	B 5230915	Cable Step, 9" T x 15" W x 4.75" D, Black	8.80 lbs.	523 (N)
	B 5231515	Cable Step, 15" T x 15" W x 4.75" D, Black	11.8 lbs.	523 (N)
	C 5231112	Flexible Rubber Step, 12"W x 11"T	11.0 lbs.	523 (N)
	C 5231130	Flexible Rubber Step, 30"W x 11"T	22.0 lbs	523 (N)
	D 3012035	Diamond Deck-Span Tread, Galvanized Steel	4.35 lbs.	523 (N)
	D 3013531	Diamond Deck-Span Tread, Plain Steel	4.35 lbs.	523 (N)
	E 5232412	2-Rung Steel Step, Black Power Coated, 12.5"W x 24" H	9.00 lbs.	523 (N)
NEW	E 5233612	3-Rung Steel Step, Black Power Coated, 12.5"W x 36" H	18.5 lbs.	523 (N)
	F 5232000	Retractable Truck Step, 2-Rung Black, 19.75"W x 24.5"H	21.2 lbs.	523 (N)
NEW	F 5232001	Retractable Truck Step, 2-Rung Stainless Steel, 14"W x 25"H	21.2 lbs.	523 (N)
	F 5233000	Retractable Truck Step, 3-Rung Black, 20"W x 32.5"H	24.9 lbs.	523 (N)
NEW	F 5233001	Retractable Truck Step, 3-Rung Stainless Steel, 14"W x 33"H	24.9 lbs.	523 (N)
	G RS1	Retractable Truck Step, 1 Rung, Black, 17.375"W x 15"H	19.0 lbs.	523 (N)
	H RS2	Retractable Truck Step, 2 Rungs, Black, 17.375"W x 30.25"H	23.0 lbs.	523 (N)
	H RS2SS	Retractable Truck Step, 2 Rungs, Stainless Steel, 17.375"W x 30.25"H	23.0 lbs.	523 (N)
	H RS2W	Retractable Truck Step, 2 Rungs, White, 17.375"W x 30.25"H	23.0 lbs.	523 (N)
	H RS2Y	Retractable Truck Step, 2 Rungs, Yellow, 17.375"W x 30.25"H	23.0 lbs.	523 (N)
	I RS3	Retractable Truck Step, 3 Rungs, Black, 17.375"W x 35"H	25.0 lbs.	523 (N)
	I RS3SS	Retractable Truck Step, 3 Rungs, Stainless Steel, 17.375"W x 35"H	25.0 lbs.	523 (N)
NEW	I RS3W	Retractable Truck Step, 3 Rungs, White, 17.375"W x 35"H	25.0 lbs.	523 (N)
	I RS3Y	Retractable Truck Step, 3 Rungs, Yellow, 17.375"W x 35"H	25.0 lbs.	523 (N)

TRUCK & TRAILER HARDWARE

ELECTRIC DUMP TARP SYSTEMS (tarp sold separately)

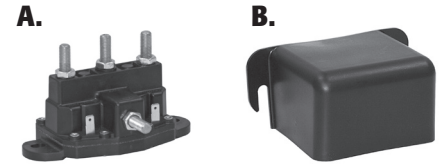


Common Features

- 60 Amp, Auto-reset Circuit Breaker
- 60', 8-gauge Dual Conductor Battery Cable
- 20', 14-gauge 3 Conductor Wire
- Rocker Switch & Solenoid

Mounting Hardware & Wire Connectors Included

Tarp kits include all items shown



A. - B. 12V Grounded Motor Reversing Solenoid & Cover

- 150 Amps, grounded coils
- Alloy silver-plated contact material
- Ideal for any application that requires reversing motion

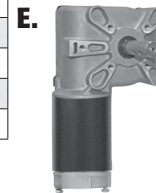


C. Rocker Switch & Bracket

- 12 Volt
- Double momentary open/close

D. Wind Deflector

- 98" One piece aluminum

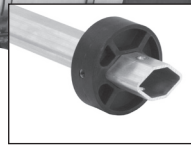


E. Tarp Gear Motor w/Cover

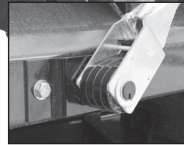
- Direct drive 12VDC motor
- Forged, 90 tooth drive gear for more torque and extended life (5541095, 5543095, 5543895)
- Forged, 60 tooth drive gear for more speed and extended life (5541065, 5543965)
- Epoxy sealed gearbox maintains lubrication
- 3-1/8" x 3/4" extended output shaft fits wide range of tarp systems
- Sealed drive shaft and encased bearing prevents oil contamination
- Chrome/Plastic cover and fasteners included
- 100% tested for quality control
- Fits common truck & trailer tarp systems
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations



98" Telescoping Aluminum Pivot Arm Assy. 4-Spring, Fits 8-19' Dumps 5-Spring, Fits 14-23' Dumps



Six Poly Arm Guides



4 or 5-Spring, Universal Side Mount Pivots

ORDERING INFORMATION

	PART NO.	DESCRIPTION	# OF SPRINGS	WIND DEFLECTOR	GEAR MOTOR	MOTOR WARRANTY	WEIGHT	CAT.
	5544000	Tarp Kit, 12V, Alum.	4	Yes	600W/90:1	1 Yr.	126 lbs.	554-2 (N)
NEW	5544006	Tarp Kit, 12V, Alum.	4	No	600W/90:1	1 Yr.	126 lbs.	554-2 (N)
	5545000	Tarp Kit, 12V, Alum.	5	Yes	600W/90:1	1 Yr.	142 lbs.	554-2 (N)
NEW	5545006	Tarp Kit, 12V, Alum.	5	No	600W/90:1	1 Yr.	142 lbs.	554-2 (N)
	5544300	Tarp Kit, 12V, Alum.	4	Yes	600W/90:1	3 Yr.	126 lbs.	554-2 (N)
NEW	5544306	Tarp Kit, 12V, Alum.	4	No	600W/90:1	3 Yr.	126 lbs.	554-2 (N)
	5545300	Tarp Kit, 12V, Alum.	5	Yes	600W/90:1	3 Yr.	142 lbs.	554-2 (N)
NEW	5545306	Tarp Kit, 12V, Alum.	5	No	600W/90:1	3 Yr.	142 lbs.	554-2 (N)
	5544365	Tarp Kit, 12V, Alum.	4	Yes	900W/60:1	3 Yr.	128 lbs.	554-2 (N)
NEW	5544366	Tarp Kit, 12V, Alum.	4	No	900W/60:1	3 Yr.	128 lbs.	554-2 (N)
	5544395	Tarp Kit, 12V, Alum.	4	Yes	600W/90:1	3 Yr.	128 lbs.	554-2 (N)
NEW	5544396	Tarp Kit, 12V, Alum.	4	No	600W/90:1	3 Yr.	128 lbs.	554-2 (N)
	5545365	Tarp Kit, 12V, Alum.	5	Yes	900W/60:1	3 Yr.	144 lbs.	554-2 (N)
NEW	5545366	Tarp Kit, 12V, Alum.	5	No	900W/60:1	3 Yr.	144 lbs.	554-2 (N)
	5545395	Tarp Kit, 12V, Alum.	5	Yes	600W/90:1	3 Yr.	144 lbs.	554-2 (N)
NEW	5545396	Tarp Kit, 12V, Alum.	5	No	600W/90:1	3 Yr.	144 lbs.	554-2 (N)

Tarps listed on D28

OPTIONS, ACCESSORIES & REPLACEMENT PARTS

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	1306600	12 Volt Grounded Motor Reversing Polarity Solenoid	0.77 lbs.	600 (N)
B	3014186	Solenoid (1306600) Cover	0.09 lbs.	560 (N)
C	3014187	Rocker Switch	0.10 lbs.	639 (N)
C	3014188	Rocker Switch Bracket	0.25 lbs.	554-3 (N)
D	3011871	Wind Deflector, 98" Aluminum	12.00 lbs.	554-3 (N)

TARP GEAR MOTORS

	PART NO.	WATTS	HP	GEAR RATIO	RPM	AMP DRAW	WARRANTY	WEIGHT	CAT.
E	5541095	600	0.8	90:1	40 (+/-5)	50	1-Yr.	12.00 lbs.	554-3 (N)
E	5543095	600	0.8	90:1	40 (+/-5)	50	3-Yr.	12.00 lbs.	554-3 (N)
E	5543895	900	1.2	90:1	40 (+/-5)	75	3-Yr.	13.00 lbs.	554-3 (N)
E	5541065	900	1.2	60:1	60 (+/-5)	75	1-Yr.	13.50 lbs.	554-3 (N)
E	5543965	900	1.2	60:1	60 (+/-5)	75	3-Yr.	13.50 lbs.	554-3 (N)

TRUCK & TRAILER HARDWARE

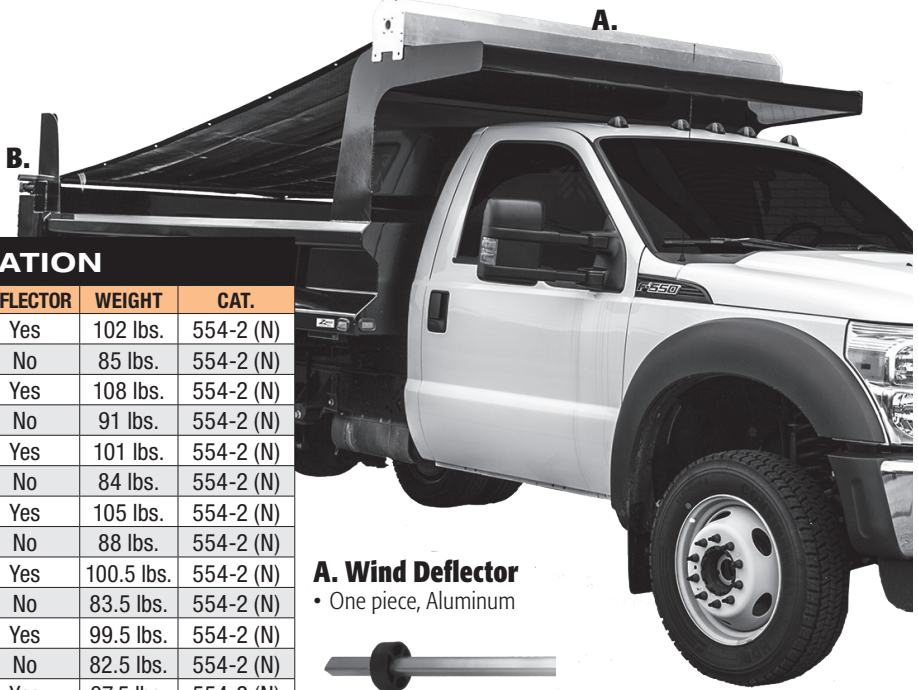
MANUAL PULL-STYLE TARP SYSTEMS w/SPRING ASSIST



5542000 Series Features

- Spring assist, helps keep tension for easy retracting
- 20' pull rope
- Wind deflector
- Aluminum end plates

Mounting Hardware Included



ORDERING INFORMATION

NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW
NEW

PART NO.	DESCRIPTION	DEFLECTOR	WEIGHT	CAT.
554275150	Pull-Style System w/Mesh Tarp, 7½' x 15'	Yes	102 lbs.	554-2 (N)
554275151	Pull-Style System w/Mesh Tarp, 7½' x 15'	No	85 lbs.	554-2 (N)
554275152	Pull-Style System w/Solid Tarp, 7½' x 15'	Yes	108 lbs.	554-2 (N)
554275153	Pull-Style System w/Solid Tarp, 7½' x 15'	No	91 lbs.	554-2 (N)
554270150	Pull-Style System w/Mesh Tarp, 7' x 15'	Yes	101 lbs.	554-2 (N)
554270151	Pull-Style System w/Mesh Tarp, 7' x 15'	No	84 lbs.	554-2 (N)
554270152	Pull-Style System w/Solid Tarp, 7' x 15'	Yes	105 lbs.	554-2 (N)
554270153	Pull-Style System w/Solid Tarp, 7' x 15'	No	88 lbs.	554-2 (N)
554265150	Pull-Style System w/Mesh Tarp, 6½' x 15'	Yes	100.5 lbs.	554-2 (N)
554265151	Pull-Style System w/Mesh Tarp, 6½' x 15'	No	83.5 lbs.	554-2 (N)
554260140	Pull-Style System w/Mesh Tarp, 6' x 14'	Yes	99.5 lbs.	554-2 (N)
554260141	Pull-Style System w/Mesh Tarp, 6' x 14'	No	82.5 lbs.	554-2 (N)
554250120	Pull-Style System w/Mesh Tarp, 5' x 12'	Yes	97.5 lbs.	554-2 (N)
554250121	Pull-Style System w/Mesh Tarp, 5' x 12'	No	80.5 lbs.	554-2 (N)
5542000	96" Wide Spring Tarp Hardware Kit Only	Yes	92 lbs.	554-2 (N)
5542001	96" Wide Spring Tarp Hardware Kit Only	No	75 lbs.	554-2 (N)
5542090	91" Wide Spring Tarp Hardware Kit Only	Yes	90.5 lbs.	554-2 (N)
5542091	91" Wide Spring Tarp Hardware Kit Only	No	73.5 lbs.	554-2 (N)

A. Wind Deflector

- One piece, Aluminum



B. Rear Anti-Sail Tarp Retention Bow Set

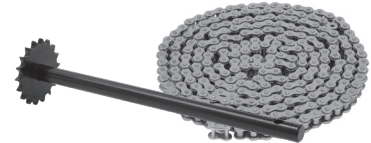
- 98" in length
- Aluminum
- Adjustable poly arm stops

MECHANICAL CRANK ARM TARP SYSTEMS (tarp sold separately)



5543000 Series

Mounting Hardware Included



3013299 - 10' chain w/master link for use w/mechanical crank arm systems

3024748 - Shaft assembly w/18T sprocket for use w/mechanical crank arm systems

OPTIONS, ACCESSORIES & REPLACEMENT PARTS

NEW
NEW

PART NO.	DESCRIPTION	WEIGHT	CAT.
5543000	Mechanical Crank Arm Tarp System w/ Deflector	97 lbs.	554-2 (N)
5543006	Mechanical Crank Arm Tarp System w/o Deflector	85 lbs.	554-2 (N)



A. Wind Deflector

- 98" One piece aluminum



B. Adjustable Poly Arm Stops

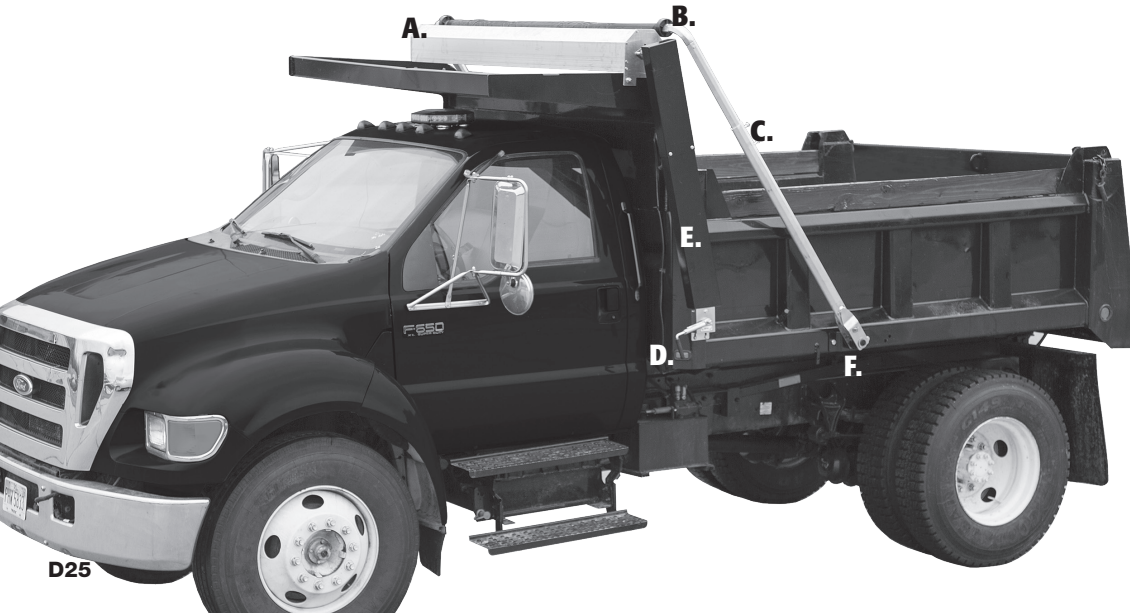
C. Pivot Arm

- Telescoping aluminum
- Fits 8'-19' dumps



D. Tarp Crank

- Friction brake
- P/N 3020293



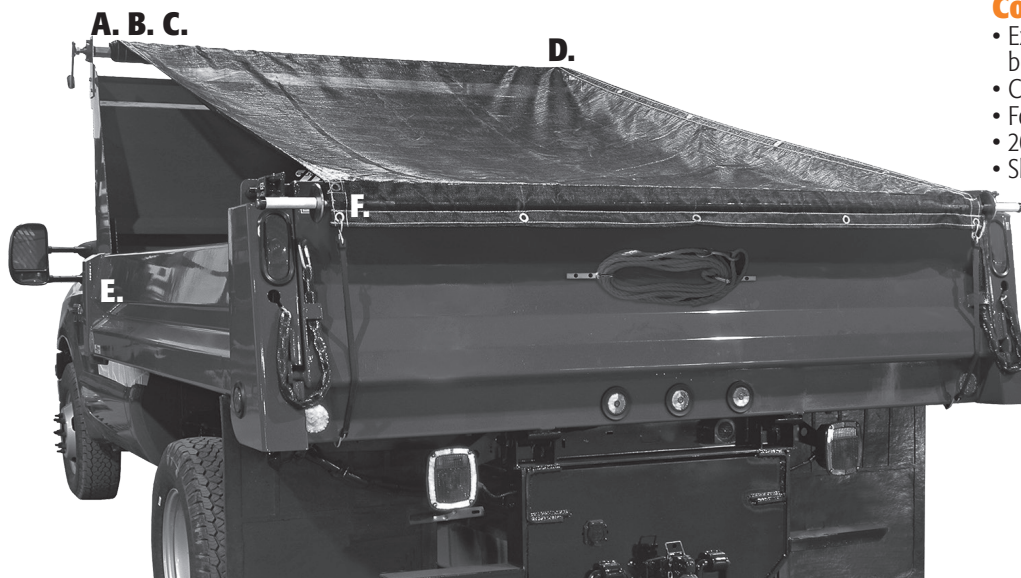
E. Chain Cover

- Optional
- P/N 5544621



F. Universal Side Mount

- Works w/ 2 or 3 pivot springs



Common Features

- Extruded aluminum cross bars telescope to exact bed width of dumps & trailers up to 102" wide
- Cast bearings and zinc plated hardware
- Folding crank handle
- 20' Pull rope
- Ships Regular UPS



A. Standard Detent Latch

- Elevated bracket
- 3" Mounting hole center
- 10" x 3" Mounting plate



B. Optional Detent Latch

- Flush bracket
- 3¼" Mounting hole center
- 6" x 3" Mounting plate



C. Optional Ground Level Crank Assembly



E. Chain Cover

- P/N 5544621
- Adjustable height
- Black powder coat

F. Built-In Pocket to be used with optional...

- P/N DTB98A, DTB102 or DTB96
- Rear anti-sail tarp retention bow sets

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A	DTR Dump Tarp Roll Kit (less tarp), Universal	16.00 lbs.	554 (Y)
B	DTR1 Dump Tarp Roll Kit (less tarp), for Pre-Drilled Rugby® Dump Body	16.25 lbs.	554 (Y)
C	DTG Tarp Roller Kit, w/Ground Control (less tarp)	30.00 lbs.	554 (Y)
<i>For ordering convenience, all tarp & hardware kits shown below include standard DTR Roller Kit with sized tarp. For optional configurations or tarp sizes (page D28) please order a la carte.</i>			
D	DTR4510 4½' x 10' Mesh Tarp & Hardware Kit	23.00 lbs.	554 (Y)
D	DTR5012 5' x 12' Mesh Tarp & Hardware Kit	24.75 lbs.	554 (Y)
NEW	D DTR5014 5' x 12' Mesh Tarp Roller Kit	24.75 lbs.	554 (Y)
D	DTR5508 5½' x 9½' Mesh Tarp & Hardware Kit	24.00 lbs.	554 (Y)
D	DTR5511 5½' x 11½' Mesh Tarp & Hardware Kit	25.00 lbs.	554 (Y)
D	DTR5514 5½' x 14' Mesh Tarp & Hardware Kit	31.75 lbs.	554 (Y)
D	DTR6014 6' x 14' Mesh Tarp & Hardware Kit	26.75 lbs.	554 (Y)
D	DTR6515 6½' x 15' Mesh Tarp & Hardware Kit	24.00 lbs.	554 (Y)
D	DTR6518 6½' x 18' Mesh Tarp & Hardware Kit	25.00 lbs.	554 (Y)
D	DTR7012 7' x 12' Mesh Tarp & Hardware Kit	26.55 lbs.	554 (Y)
D	DTR7015 7' x 15' Mesh Tarp & Hardware Kit	32.00 lbs.	554 (Y)
D	DTR7015S 7' x 15' Solid Tarp & Hardware Kit	34.00 lbs.	554 (Y)
D	DTR7018 7' x 18' Mesh Tarp & Hardware Kit	30.25 lbs.	554 (Y)
D	DTR7018S 7' x 18' Solid Tarp & Hardware Kit	36.00 lbs.	554 (Y)
D	DTR7020 7' x 20' Mesh Tarp & Hardware Kit	31.50 lbs.	554 (Y)
D	DTR7021S 7' x 21' Solid Tarp & Hardware Kit	37.20 lbs.	554 (Y)
NEW	D DTR7022 7' x 22' Mesh Tarp Roller Kit	35.00 lbs.	554 (Y)
D	DTR7512 7½' x 12' Mesh Tarp & Hardware Kit	25.00 lbs.	554 (Y)
D	DTR7515 7½' x 15' Mesh Tarp & Hardware Kit	33.00 lbs.	554 (Y)
D	DTR7515S 7½' x 15' Solid Tarp & Hardware Kit	34.00 lbs.	554 (Y)
D	DTR7518 7½' x 18' Mesh Tarp & Hardware Kit	31.00 lbs.	554 (Y)
D	DTR7520 7½' x 20' Mesh Tarp & Hardware Kit	31.25 lbs.	554 (Y)
D	DTR7520S 7½' x 20' Solid Tarp & Hardware Kit	40.00 lbs.	554 (Y)
NEW	D DTR8018 8' x 18' Mesh Tarp Roller Kit	35.70 lbs.	554 (Y)
D	DTR8022 8' x 22' Mesh Tarp & Hardware Kit	28.50 lbs.	554 (Y)
NEW	E 5544621 Chain Guard for DTG	19.00 lbs..	554-3 (N)
F	DTB96 Mesh Tarp Retention Bow Kit, 96" L, Steel	11.47 lbs.	554-3 (N)
F	DTB98A Tarp Retention Bow Set w/End Collars, 98" L, Alum. (does not ship UPS)	4.00 lbs.	554-3 (N)
F	DTB102 Adjustable Width Retention Bow Set w/Roller Style Collars, 102" L, Steel	14.00 lbs.	554-3 (N)

Additional Options & Accessories listed on pgs D27 & D28

TRUCK & TRAILER HARDWARE

ELECTRIC TARP GEAR MOTORS



5541095 Tarp Gear Motor

- 3-1/8" x 3/4" Output Shaft
- 600 Watt; 0.8 HP
- 90:1 Gear Ratio, 40 RPM
- 1 Yr. Warranty
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations
- Includes 5541005 Chrome Cover

Comparable to:
Donovan® 61X*,
Roll-Rite® 1030/1031*,
US Tarp® 11521/13655*,
Tarps & Beyond®
5000XT90*

5543095 Tarp Gear Motor

- 3-1/8" x 3/4" Output Shaft
- 600 Watt; 0.8 HP
- 90:1 Gear Ratio, 40 RPM
- 3 Yr. Warranty
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations
- Includes 5541005 Chrome Cover

Comparable to:
Donovan® 61G*

5543895 Tarp Gear Motor

- 3-1/8" x 3/4" Output Shaft
- 900 Watt; 1.2 HP
- 90:1 Gear Ratio, 40 RPM
- 3 Yr. Warranty
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations
- Includes 5541005 Chrome Cover

Comparable to:
Donovan® 4422*,
Pulltarp® 517-0906/517-0909*,
Aero® Power Plus RS/RA*,
Shur-Co® 1703823*,
Super Winch® 90-33319/
90-33295*

5543965 Tarp Gear Motor

- 3-1/8" x 3/4" Output Shaft
- 900 Watt; 1.2 HP
- 60:1 Gear Ratio, 60 RPM
- 3 Yr. Warranty
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations
- Includes 5541005 Chrome Cover

Comparable to:
Roll-Rite® Tarp Master
10310*

5541065 Tarp Gear Motor

- 3-1/8" x 3/4" Output Shaft
- 900 Watt; 1.2 HP
- 60:1 Gear Ratio, 60 RPM
- 1 Yr. Warranty
- 5 Mounting holes, fits all 3-bolt & 4-bolt configurations
- Includes 5541005 Chrome Cover

Comparable to:
Roll-Rite® Tarp Master 10360*,
US Tarp® 11521/13655*,
Tarps & Beyond® 5000XT60*

ELECTRIC TARP ACCESSORIES



5541005 Chrome Cover

- Fits above gear motors

Comparable to:
Donovan® 4278*



5540710 Rotary Switch Kit

- Includes 50 amp Rotary Switch, Switch Bracket, Red Indicator Light, 40 amp circuit breaker

Comparable to:
Donovan® 85N*,
Roll-Rite® 1050*,
US Tarp® 11479*



SW710 50 AMP Heavy Duty Rotary Switch

- 50 amp
- Momentary on/off lever type actuator

Comparable to:
Donovan® 600*,
Roll-Rite® 1905*,
US Tarp® 11129*,
Mountain Tarp K017E*



3014188 Rocker Switch, 3014187 Bracket

- 12 Volt
- Double momentary open/close

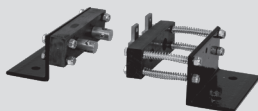
Comparable to:
Donovan® 1897* (switch),
Donovan® 1532* (bracket),
Roll-Rite 19300* (switch),
Roll-Rite 10390* (bracket)



1306600 Solenoid Switch

- 150 amp, ground coils
- Ideal for any application that requires reversing motion
- Optional Cover 3014186

Comparable to:
Donovan® 1464*,
Roll-Rite 10690*



3015127 Contact Plate

- 12 Volt
- Reduces wire length on long dumps

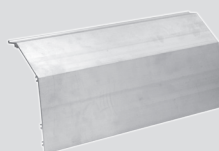
Comparable to:
Donovan® 1379A*



3011876 Universal Flat Coil Springs

- 5/8"

Comparable to:
Donovan® 2416*, Roll-Rite®
4723* and US Tarp® 11121*



3011871 Aluminum Wind Deflector

- 98" Long x 7.1/2" Tall

Comparable to:
Donovan® 1216*



CB60 Circuit Breaker

- 60 amp
- 12 Volt
- Auto Reset

Comparable to:
Donovan® 1461*



3011868 Aluminum Tarp Joint

- 30°
- Provides extra tarp arm clearance for all trucks with tall cabs
- For use with electric tarp kits and tarp arm kits 3016666/3016667



3027070 Square Gudgeon

- 1 1/2" Cast steel tarp gudgeon
- Fits 2" pipe
- 3/4" Square key replacement
- Interchanges w/Shur-Co 1105033*



3024915 Underbody Spring Assembly (DS)

3024916 Underbody Spring Assembly (PS)

- Bearings & all mounting hardware included
- 15-Coil torsion
- 5/8", 3,900 lbs.

Comparable to:
Mountain Tarp K0511B* (DS),
Mountain Tarp K0512B* (PS)



3024912 Spring (PS)

- 15-Coil torsion
- 5/8", 3,900 lbs.



3024913 Spring (DS)

- 15-Coil torsion
- 5/8", 3,900 lbs.

Comparable to:
Donovan® 383* (DS),
Donovan® 384* (PS)



Electric Tarp Wire Spools

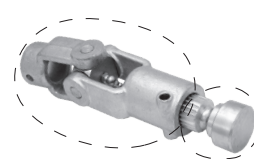
- Dual Conductor
- 60 ft.

3012783 - 6 Gauge

Comparable to:
Donovan® 88*,
Roll-Rite® 1133*,
US Tarp® 11148*

3020919 - 8 Gauge

Comparable to:
Donovan® 2141*



3001894 Roll Tarp Joint, 3001895 Male 21 Spline

- 3001894 - 1 1/4" R, 3/8" PH x 1-3/8" 21 spline, Zinc Plated
- 3001895 - Male 21 Spline x 1-13/16" Male Stub Shaft

*Buyers Products is not authorized by nor affiliated with the manufacturer of Donovan®, Roll-Rite®, US Tarp®, Tarps & Beyond®, Pulltarp®, Aero®, Shur-Co®, Super Winch® products

TRUCK & TRAILER HARDWARE

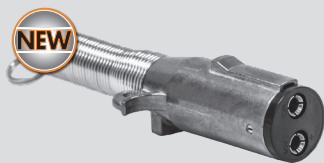
ELECTRIC TARP OPTIONS & ACCESSORIES MESH & SOLID TARPS



TC1012 2 Pin Trailer Connector (truck end)

- Die Cast metal
- Round pins, vertical

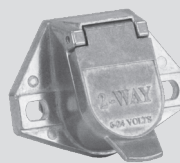
Comparable to: Donovan® 3848*, Roll-Rite® 1267* & US Tarp® 11544*



TC2012 2 Pin Trailer Connector (trailer end)

- Die Cast metal
- Round pins, vertical

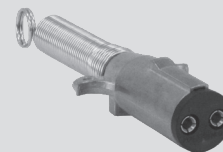
Comparable to: Donovan® 3848*, Roll-Rite® 1268* & US Tarp® 11545*



TC1002 2 Pin Trailer Connector (truck end)

- Die Cast metal
- Round pins, horizontal

Comparable to: Donovan® 3848*, Roll-Rite® 1267* & US Tarp® 11544*



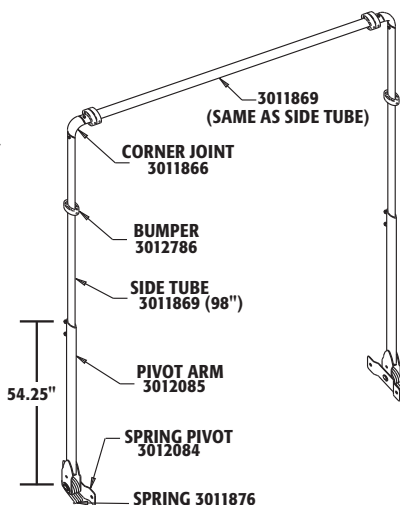
TC2002 2 Pin Trailer Connector (trailer end)

- Die Cast metal
- Round pins, horizontal

Comparable to: Donovan® 3848*, Roll-Rite® 1268* & US Tarp® 11545*

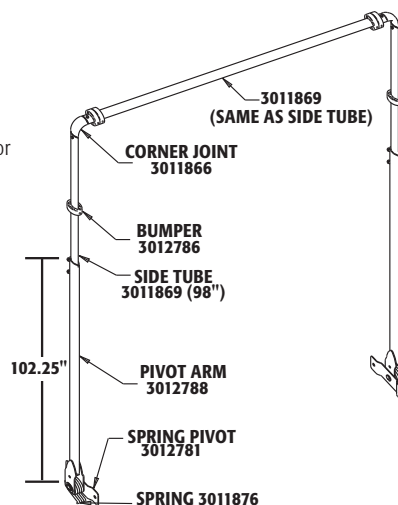
301666 Universal Aluminum Tarp Arm Kit

- 4 Spring
- Adjustable side tube for 8' - 19' dump bodies



301667 Universal Aluminum Tarp Arm Kit

- 5 Spring
- Adjustable side tube for 14' - 23' dump bodies



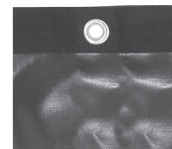
* Buyers Products is not authorized by nor affiliated with the manufacturer of Donovan®, Roll-Rite®, US Tarp®, Tarps & Beyond®, Pulltarp®, Aero®, Shur-Co®, Super Winch® products

Tarps

- Heavy-duty double stitch hem
- Full perimeter brass grommets
- All hems reinforced with 2" heavy-duty nylon webbing
- HD UV resistant, PVC coated vinyl with 1,000 denier polyester mesh
- Solid vinyl 18 oz. tarp is rated up to 400°F



Mesh 12 oz.



Solid Vinyl 18 oz.

ORDERING INFORMATION

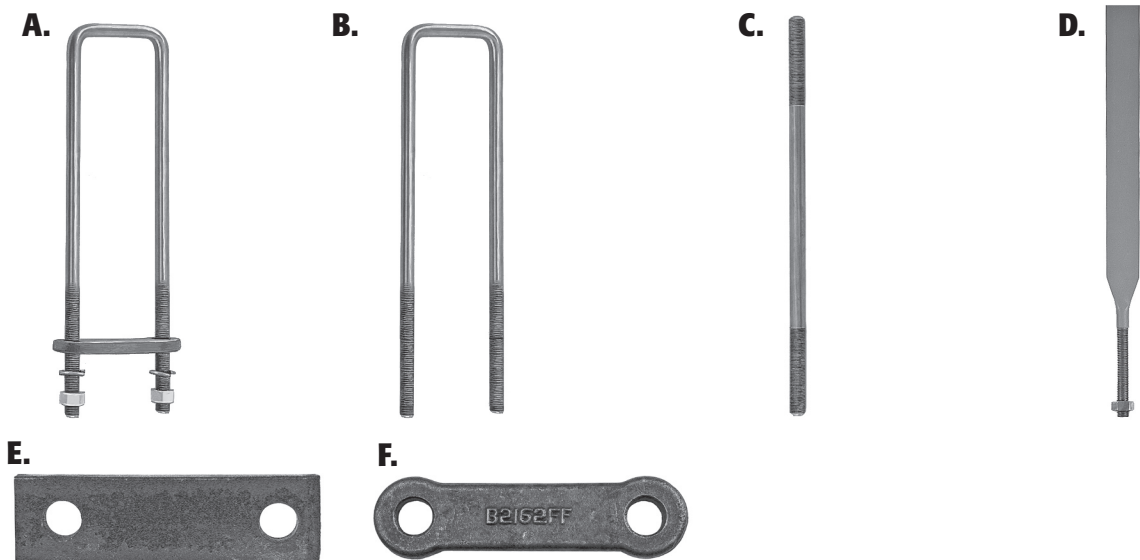
PART NO.	DESCRIPTION	WEIGHT	CAT.
MESH TARPS			
3014480	Black Mesh Repl. Tarp, 4½' x 10'	4.00 lbs.	554-1 (Y)
3011034	Black Mesh Repl. Tarp, 5' x 12'	5.40 lbs.	554-1 (Y)
NEW 3025044	Black Mesh Repl. Tarp, 5' x 14'	6.20 lbs.	554-1 (Y)
3014677	Black Mesh Repl. Tarp, 5½' x 9½'	4.50 lbs.	554-1 (Y)
3014481	Black Mesh Repl. Tarp, 5½' x 11½'	5.33 lbs.	554-1 (Y)
3011350	Black Mesh Repl. Tarp, 5½' x 14'	7.00 lbs.	554-1 (Y)
3009455	Black Mesh Repl. Tarp, 6' x 14'	7.50 lbs.	554-1 (Y)
3008976	Black Mesh Repl. Tarp, 6½' x 15'	8.50 lbs.	554-1 (Y)
3009094	Black Mesh Repl. Tarp, 6½' x 18'	10.00 lbs.	554-1 (Y)
3011036	Black Mesh Repl. Tarp, 7' x 12'	7.30 lbs.	554-1 (Y)
3008210	Black Mesh Repl. Tarp, 7' x 15'	9.15 lbs.	554-1 (Y)
3009456	Black Mesh Repl. Tarp, 7' x 18'	11.00 lbs.	554-1 (Y)
3009457	Black Mesh Repl. Tarp, 7' x 20'	12.25 lbs.	554-1 (Y)
NEW 3022116	Black Mesh Repl. Tarp, 7' x 22'	9.48 lbs.	554-1 (Y)
3013395	Black Mesh Repl. Tarp, 7' x 24'	14.70 lbs.	554-1 (Y)
3013396	Black Mesh Repl. Tarp, 7' x 28'	17.15 lbs.	554-1 (Y)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
3011035	Black Mesh Repl. Tarp, 7½' x 12'	9.48 lbs.	554-1 (Y)
3008209	Black Mesh Repl. Tarp, 7½' x 15'	9.80 lbs.	554-1 (Y)
3009458	Black Mesh Repl. Tarp, 7½' x 18'	11.75 lbs.	554-1 (Y)
3009095	Black Mesh Repl. Tarp, 7½' x 20'	12.85 lbs.	554-1 (Y)
3013397	Black Mesh Repl. Tarp, 7½' x 24'	15.42 lbs.	554-1 (Y)
3013398	Black Mesh Repl. Tarp, 7½' x 28'	18.00 lbs.	554-1 (Y)
3022117	Black Mesh Repl. Tarp, 8' x 18'	9.48 lbs.	554-1 (Y)
3009892	Black Mesh Repl. Tarp, 8' x 22'	15.00 lbs.	554-1 (Y)
3016005	Black Mesh Roll-Off Tarp 12' x 24'	24.25 lbs.	554-1 (Y)
3016006	Black Mesh Roll-Off Tarp 12' x 26'	26.25 lbs.	554-1 (Y)
SOLID TARPS (rated up to 400°F)			
3011352	Black Solid Repl. Tarp, 7' x 15'	13.00 lbs.	554-1 (Y)
3011351	Black Solid Repl. Tarp, 7' x 18'	15.00 lbs.	554-1 (Y)
3016004	Black Solid Repl. Tarp, 7' x 21'	18.2 lbs.	554-1 (Y)
3011353	Black Solid Repl. Tarp, 7½' x 15'	14.00 lbs.	554-1 (Y)
3011354	Black Solid Repl. Tarp, 7½' x 20'	17.00 lbs.	554-1 (Y)

TRUCK & TRAILER HARDWARE

U-BOLT KITS



A. Square Bend U-Bolt Kit

- Kit contains:
 - Four square bend $\frac{5}{8}$ " U-Bolts
 - Eight $\frac{5}{8}$ " hex nuts
 - Eight $\frac{5}{8}$ " split lock washers
 - Four $\frac{1}{2}$ " thick tie bars
 - Grade 5 equivalent

U-Bolt kits are shipped individually boxed. Other diameter and length U-Bolts are available by special order

B. Square Bend U-Bolt

- Square bend $\frac{5}{8}$ " U-Bolt

C. Body Tie-Down Rod

- Grade 5 material
- 4" of $\frac{5}{8}$ "-11 N.C. thread on each end
- Hardware bag TR6211588*:
 - Eight hex nuts $\frac{5}{8}$ "-11 thread
 - Eight split lock washers $\frac{5}{8}$ " I.D.
 - Plain finish

** not included must purchase separately*

D. Body Tie-Down Strap

- Includes $\frac{5}{8}$ " hex nut
- Used for securing heavy tanks to the truck chassis
- Welds freely
- Helps to support the tank sill from weaving

E. - F. Tie Bar

ORDERING INFORMATION			
PART NO.	LENGTH	WEIGHT	CAT.
A UB623512	12"	13.2 lbs. (kit)	760 (Y)
A UB623514	14"	14.2 lbs. (kit)	760 (Y)
A UB623516	16"	15.5 lbs. (kit)	760 (Y)
A UB623518	18"	16.5 lbs. (kit)	760 (Y)
A UB623520	20"	18.0 lbs. (kit)	760 (Y)
A UB623522	22"	18.7 lbs. (kit)	760 (Y)
A UB623524	24"	20.0 lbs. (kit)	760 (Y)
B UB5812	12"	2.30 lbs.	760 (Y)
B UB5814	14"	2.50 lbs.	760 (Y)
B UB5816	16"	4.90 lbs.	760 (Y)
B UB5818	18"	5.40 lbs.	760 (Y)
B UB5820	20"	5.80 lbs.	760 (Y)
B UB5822	22"	6.40 lbs.	760 (Y)
B UB5824	24"	6.80 lbs.	760 (Y)
C TR6211512	12"	0.88 lbs.	760 (Y)
C TR6211512Z (ZINC)	12"	0.88 lbs.	760 (Y)
C TR6211514	14"	1.00 lbs.	760 (Y)
C TR6211516	16"	1.12 lbs.	760 (Y)
C TR6211518	18"	1.24 lbs.	760 (Y)
C TR6211520	20"	1.36 lbs.	760 (Y)
C TR6211522	22"	1.48 lbs.	760 (Y)
C TR6211524	24"	1.60 lbs.	760 (Y)
TR6211588* (not shown)	Hdw. Kit for Tie-Down Rod	1.55 lbs.	295 (N)

** Includes (8) $\frac{5}{8}$ -11 Grade 5 Hex Nuts & (8) $\frac{5}{8}$ " split lock washers*

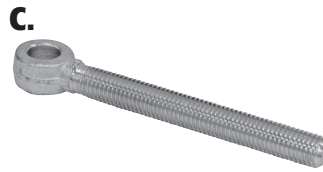
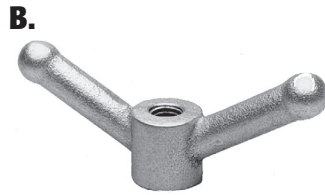
ORDERING INFORMATION			
PART NO.	DESCRIPTION	WEIGHT	CAT.
D B2480W	Body Tie-Down Strap	3.0 lbs.	760 (Y)

ORDERING INFORMATION								
PART NO.	LENGTH	HOLES C-C	FRAME SIZE	HOLES	THICKNESS	WIDTH	WT.	CAT.
E B2162E	5 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	3"	2 $\frac{1}{32}$ "	$\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1.0 lb.	760 (Y)
F B2162FF*	5 $\frac{3}{4}$ "	4 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	2 $\frac{1}{32}$ "	$\frac{1}{2}$ "	1 $\frac{1}{4}$ "	.95 lb.	760 (Y)
E B2162H	6 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	2 $\frac{1}{32}$ "	$\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1.0 lb.	760 (Y)
E B2162N	5 $\frac{1}{2}$ "	4 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	2 $\frac{5}{32}$ "	$\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1.0 lb.	760 (Y)

** Forged*

TRUCK & TRAILER HARDWARE

LEVER NUT
CORNER IRONS
FUEL FILL BRACKET & DISH



A. Forge Lever Nut

- Lever is offset 1½"

B. Cast Iron Wing Style Clamp Handle

- ⅝-11 Full thread cast iron
- Ideal for securing doors, chutes and tailgates using a 5/8-11 rod
- Zinc plated

C. Forged Rod End

- 5/8-11 x 6" forged rod end (4½" of thread)
- Zinc plated
- 5/8" PH

D. Corner Iron

- Drop forged
- Available in two sizes
- Reinforces box van & enclosed trailer body corners

E. Fuel Fill Dish

- Stainless steel
- Universal fit
- 6¼" Dia.
- 5½" Bolt centers
- Available in 21° & 42°

F. Torsion Ramp Spring

- 23 in.-lbs. per degree rating
- 3¾" wide
- 1.88" I.D.
- .468" dia. bar
- For HD trailer ramps

G. Ramp Hinge Bracket

- Stamped from ½" steel plate
- Other thicknesses and configurations are available by special order
- 4" L x 3" W
- 1.945" dia. hole
- Supports ramp spring mounting bars

ORDERING INFORMATION

PART NO.	LENGTH C to END	ROUND	SIZE THREAD	WEIGHT	CAT.
A B575A	3¾"	⅜"	⅜ - 16 N.C.	.24 lbs.	513 (N)
A B575CZ*	4"	7/16"	½ - 13 N.C.	.24 lbs.	513 (N)
A B575GZ*	6"	⅝"	¾ - 10 N.C.	.59 lbs.	513 (N)

*Zinc Plated

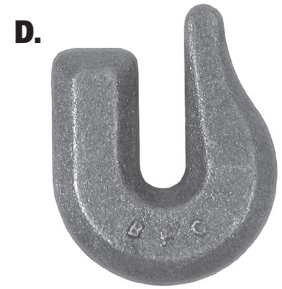
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B WN5811Z	Wing Nut Handle, Zinc Plated; 5.5" L x 2.38" T	0.60 lbs.	513 (N)
C B27027EKZ	Forged Rod End, Zinc Plated	0.50 lbs.	513 (N)
D B2487B	Corner Iron 8" x 6" x 1½" wide	2.70 lbs.	520 (N)
D B2485AA	Corner Iron 12" x 12" x 1½" wide	4.50 lbs.	520 (N)
E FFD625SS	Fuel Fill Dish, Stainless Steel, 42°	1.00 lbs.	520 (N)
E FFD626SS	Fuel Fill Dish, Stainless Steel, 21°	1.00 lbs.	520 (N)
F 3002879	Torsion Ramp Spring Left Hand Coil, Plain Finish	3.03 lbs.	520 (N)
F 3002880	Torsion Ramp Spring Right Hand Coil, Plain Finish	3.03 lbs.	520 (N)
G RH4350	Ramp Hinge	1.16 lbs.	512 (N)

NEW

TRUCK & TRAILER HARDWARE

TARP HOOKS GRAB HOOKS



A. Binding Tarp Hook

- 1/2" round cross section
- 5" length
- 1/32" holes
- Zinc plated

B. Tarp Hook

- 3/8" round cross section
- 3 1/4" length
- 9/32" holes
- Zinc plated

C. Cast Rope Clip

- Zinc die cast

D. Forged Grab Hook

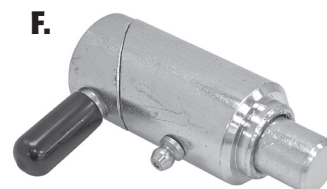
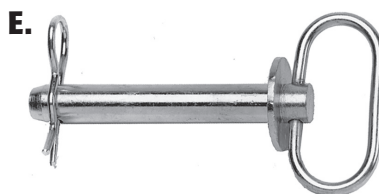
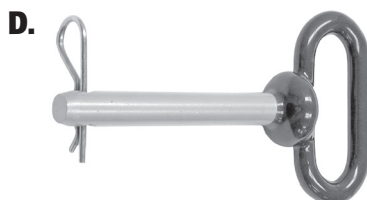
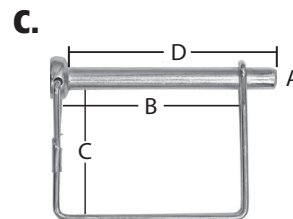
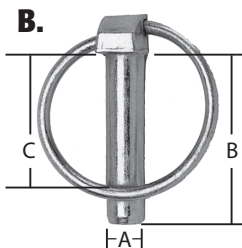
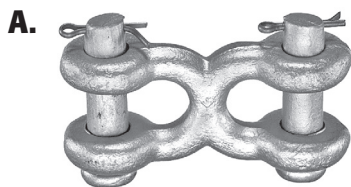
- Forged steel, weld on
- Grade 43

E. Forged Grab Hook

- Forged steel, weld on
- Grade 70

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A B2448B	Binding Hook	0.29 lbs.	700 (N)
B B2447NHP	Tarp Hook, Weld-On no holes	0.13 lbs.	700 (N)
B B2447BZ	Tarp Hook, Zinc Plated	0.13 lbs.	700 (N)
B B2447WAL	Aluminum Tarp Hook, Weld-On no holes	0.13 lbs.	700 (N)
C B450	Cast Rope Clip	0.11 lbs.	700 (N)
D B2408W	5/16" Weld-On Grab Hook, Grade 43, 3,900 lbs. Working Load	0.44 lbs.	700 (N)
D B2408W375	3/8" Weld-On Grab Hook, Grade 43, 5,400 lbs. Working Load	0.87 lbs.	700 (N)
D B2408W50	1/2" Weld-On Grab Hook, Grade 43, 9,200 lbs. Working Load	1.72 lbs.	700 (N)
E B2409W375	3/8" Weld-On Grab Hook, Grade 70, 6,600 lbs. Working Load	1.0 lbs.	700 (N)
E B2409W625	5/8" Weld-On Grab Hook, Grade 70, 15,800 lbs. Working Load	2.5 lbs.	700 (N)



A. Double Clevis Link

- Drop forged
- Heat treated
- Zinc plated, clear

B. Linch Pins

- Yellow zinc plated
- Packaged parts are two pieces per clam shell

C. Snapper Pins

- Yellow zinc plated
- Packaged parts are two pieces per clam shell

D. Poly-Coated Hitch Pins

- Powder coated steel pin shank
- High visibility blue poly-coated handle makes pin easy to see
- Includes zinc plated cotter pin
- SAE AISI 1541
- 20 R_c

E. Hitch Pins

- Forged 1040 steel
- Yellow zinc plated
- Spring wire handle
- Includes cotter pin

F. Twist Lock Plunger Pin

- Spring-loaded pins (available in .625", .750", or 1.00")
- Includes grease fitting.
- Zinc plated
- Commonly used with farm implements and wrecker attachments

ORDERING INFORMATION

PART NO.	CHAIN SIZE	PIN DIA.	W.W.L.	CAT.
A B2409C	3/8"	1/2"	5,400 lbs.	710 (N)

ORDERING INFORMATION

PART NO.	PKG. PART NO.*	A	B	C	CAT.
B 66000		.25"	1.75"	1.50"	518 (N)
B 66003	66004	.19"	1.38"	1.10"	518 (N)
B 66006		.31"	1.75"	1.44"	518 (N)
B 66010		.44"	1.75"	1.50"	518 (N)
B 66015		.44"	1.97"	1.50"	518 (N)

* Must buy in case quantity

ORDERING INFORMATION

PART NO.	PACKAGE PART NO.*	A. DIA.	B. USABLE LENGTH	C. LOOP CLEARANCE	D. PIN LENGTH	CAT.
C 66045		3/16"	1 5/8"	1 5/8"	1 13/16"	518 (N)
C 66050	66051	1/4"	1 13/16"	1 1/2"	2"	518 (N)
C 66053	66054	5/16"	2 19/32"	1 5/8"	2 25/32"	518 (N)
C 66056		3/8"	1 17/32"	1 17/32"	1 5/8"	518 (N)
C 66060	66061	3/8"	2 11/32"	1 1/2"	2 1/2"	518 (N)
C 66063	66064	1/4"	2 1/2"	1 3/4"	2 49/64"	518 (N)
C 66066	66067	1/4"	3"	1 1/2"	3 1/4"	518 (N)
C 66070	-	1/4"	3 5/8"	1 1/2"	3 3/4"	518 (N)

* Must buy in case quantity

ORDERING INFORMATION

PART NO.	DESCRIPTION	CAT.
D 66101	Hitch Pin 1/2" x 4" usable length	518 (N)
D 66107	Hitch Pin 5/8" x 4" usable length	518 (N)
D 66111	Hitch Pin 3/4" x 4 1/2" usable length	518 (N)
D 66122	Hitch Pin 7/8" x 4 1/2" usable length	518 (N)
D 66127	Hitch Pin 1" x 4 1/2" usable length	518 (N)
E 66100	Hitch Pin 1/2" X 4 1/4" usable length	518 (N)
E 66103	Hitch Pin 5/8" x 4 1/4" usable length	518 (N)
E 66105	Hitch Pin 5/8" x 6 1/4" usable length	518 (N)
E 66110	Hitch Pin 3/4" x 4 1/4" usable length	518 (N)
E 66115	Hitch Pin 3/4" X 6 1/4" usable length	518 (N)
E 66120	Hitch Pin 7/8" X 6 1/4" usable length	518 (N)
E 66125	Hitch Pin 1" X 6 1/4" usable length	518 (N)
E 66130	Hitch Pin 1 1/8" x 6 1/4" usable length	518 (N)

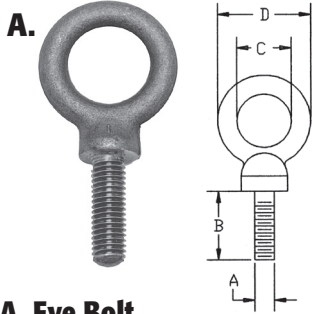
ORDERING INFORMATION

PART NO.	DESCRIPTION	CAT.
F TLP625	5/8" dia.; 3 1/8" T x 1 1/8" W	518 (N)
F TLP750	3/4" dia.; 3 1/8" T x 1 1/4" W	518 (N)
F TLP100	1" dia.; 3 1/2" T x 1 3/8" W	518 (N)

= Available in Full Color Retail Package

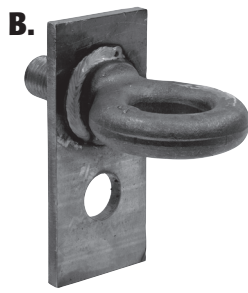
TRUCK & TRAILER HARDWARE

EYE BOLTS, END RODS



A. Eye Bolt

- Drop forged
- Heat treated eye bolt



B. Eye Bolt w/Welded Plate

- Drop Forged
- Heat treated eye bolt with 4" x 9" welded plate



C. Eye Bolt

- Drop Forged
- No Threads

ORDERING INFORMATION

PART NO.	SAFE LOAD**	ULT. LOAD**	THREAD STOCKED	A	B	C	D	WEIGHT	CAT.
A B56721	0.20	1.50	1/4 - 20	1/4	1"	3/4"	13/16"	0.05 lbs.	550 (N)
A B56722	0.50	2.00	5/16 - 18	5/16"	1-1/8"	7/8"	1-1/2"	0.11 lbs.	550 (N)
A B56723	0.70	3.00	3/8 - 16	3/8"	1-1/4"	1"	1-21/32"	0.20 lbs.	550 (N)
A B56724	1.00	3.90	7/16 - 14	7/16"	1-3/8"	1-1/16"	1-15/16"	0.23 lbs.	550 (N)
A B56725	1.30	5.00	1/2 - 13	1/2"	1-1/2"	1-3/16"	2-1/16"	0.35 lbs.	550 (N)
A B56726	1.60	6.30	9/16 - 12	9/16"	1-5/8"	1-9/32"	2-13/32"	0.47 lbs.	550 (N)
A B56727	2.00	8.00	5/8 - 11	5/8"	1-3/4"	1-3/8"	2-1/2"	0.64 lbs.	550 (N)
A B56728	3.00	12.0	3/4 - 10	3/4"	2"	1-1/2"	2-13/16"	1.00 lbs.	550 (N)
A B56729	3.50	16.0	7/8 - 9	7/8"	2-1/4"	1-11/16"	3-1/4"	1.50 lbs.	550 (N)
A B56730	4.00	20.0	1 - 8	1"	2-1/2"	1-13/16"	3-9/16"	2.20 lbs.	550 (N)
A B56730C*	4.00	20.0	1 - 8	1"	2-1/2"	1-13/16"	3-9/16"	2.20 lbs.	550 (N)
A B56732	5.60	33.5	1-1/4 - 7	1-1/4"	3"	2-3/16"	4-7/16"	4.50 lbs.	550 (N)
A B56734	9.00	42.0	1-1/2 - 6	1-1/2"	3-1/2"	2-9/16"	5-1/2"	8.00 lbs.	550 (N)
A B56735	14.0	69.0	1-3/4 - 5	1-3/4"	3-3/4"	2-7/8"	6"	11.5 lbs.	550 (N)
B B56734WP	9.00	42.0	1-1/2 - 6	1-1/2"	3-1/2"	2-9/16"	5-1/2"	12.04 lbs.	550 (N)
C B56734BLK	-	-	No Thread	1-1/2"	3-1/2"	2-9/16"	5-1/2"	9.00 lbs.	550 (N)

* Chrome plated

** In tons of 2,000 lbs.

ORDERING INFORMATION

PART NO.	DESCRIPTION	A	B	C	D	WEIGHT	CAT.
D B27024BB	Blank Rod End	3/8"	3-1/2"	7/16"	1-1/16"	0.15 lbs.	705 (N)
E B27024BM	Machined w/ NC Thread Rod End	3/8"	3-1/2"	7/16"	1-1/16"	0.12 lbs.	705 (N)
E B27026BM	Machined w/ NC Thread Rod End	1/2"	3-1/2"	9/16"	3-1/32"	0.27 lbs.	705 (N)
D B27026EB	Blank Rod End	1/2"	6"	9/16"	3-1/32"	0.44 lbs.	705 (N)
E B27026EM	Machined w/ NC Thread Rod End	1/2"	6"	9/16"	3-1/32"	0.34 lbs.	705 (N)
E B27026M10	Machined w/ NC Thread Rod End	1/2"	10"	9/32"	3-1/32"	0.56 lbs.	705 (N)
D B27027EB	Blank Rod End	5/8"	6"	11/16"	1-1/4"	0.70 lbs.	705 (N)
E B27027EM	Machined w/ NC Thread Rod End	5/8"	6"	11/16"	1-1/4"	0.53 lbs.	705 (N)
D B27028AB	Blank Rod End	3/4"	3-1/2"	13/16"	1-1/2"	0.75 lbs.	705 (N)
E B27028AM	Machined w/ NC Thread Rod End	3/4"	3-1/2"	13/16"	1-1/2"	0.60 lbs.	705 (N)
D B27028EB	Blank Rod End	3/4"	6"	13/16"	1-1/2"	1.10 lbs.	705 (N)
E B27028EM	Machined w/ NC Thread Rod End	3/4"	6"	13/16"	1-1/2"	0.88 lbs.	705 (N)
D B270210EB	Blank Rod End	1"	6"	1-3/32"	2-1/32"	2.11 lbs.	705 (N)
E B270210EM	Machined w/ NC Thread Rod End	1"	6"	1-3/32"	2-1/32"	1.58 lbs.	705 (N)
E B270210HMZ*	Machined w/ NC Thread Rod End	1"	9-1/4"	1"	2"	2.20 lbs.	705 (N)
E B270212KM	Machined w/ NC Thread Rod End	1-1/4"	12"	1-1/4"	2-3/8"	4.40 lbs.	705 (N)
E B27028LMZ	Machined w/ NC Thread Rod End	3/4"	7"	1/2"	1-1/2"	1.04 lbs.	705 (N)

* Zinc plated



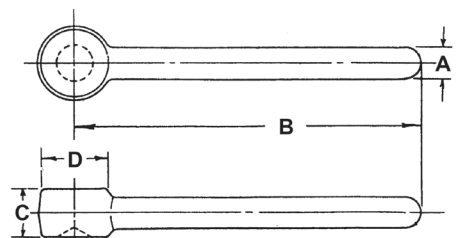
D. Forged Rod End

- Blank

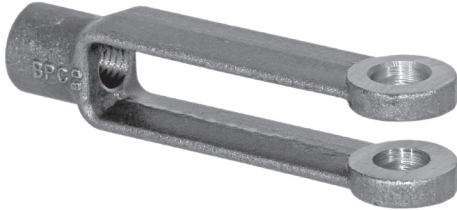


E. Forged Rod End

- Machined with NC thread



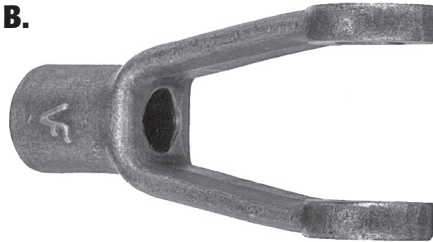
A.



A. Adjustable Yoke End

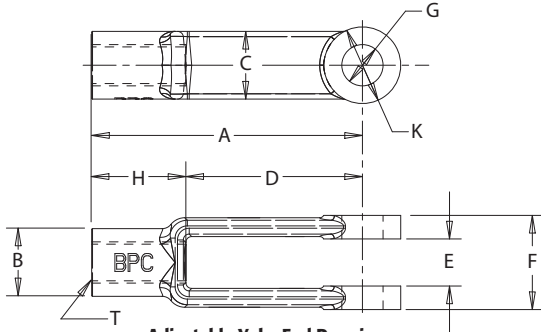
- Machine forged
- Meet S.A.E. standards
- Custom sizes & finishes available

B.



B. Adjustable Yoke End

- Machine forged
- Spread
- Fine thread



Adjustable Yoke End Drawing

ORDERING INFORMATION

PART NO.	A	B	C	D	E	F	G	H	K	T (Thread)	WEIGHT	CAT.
A B27081AZ	1.563"	0.313"	0.313"	1.000"	0.188"	0.438"	0.188"	0.563"	0.375"	3/16-32 NF	.03 lbs.	730 (N)
A B27082A	2.000"	0.438"	0.438"	1.250"	0.281"	0.625"	0.250"	0.750"	0.500"	1/4-28 NF	.07 lbs.	730 (N)
A B27082AZ	2.000"	0.438"	0.438"	1.250"	0.281"	0.625"	0.250"	0.750"	0.500"	1/4-28 NF	.07 lbs.	730 (N)
A B27083A	2.250"	0.500"	0.500"	1.438"	0.344"	0.750"	0.313"	0.438"	0.594"	5/16-24 NF	.11 lbs.	730 (N)
A B27083AZ	2.250"	0.500"	0.500"	1.438"	0.344"	0.750"	0.313"	0.438"	0.594"	5/16-24 NF	.11 lbs.	730 (N)
A B27083A14Z	2.250"	0.500"	0.500"	1.438"	0.344"	0.750"	0.313"	0.438"	0.594"	1/4-28 NF	.11 lbs.	730 (N)
A B27084A	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	3/8-24 NF	.17 lbs.	730 (N)
A B27084AZ	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	3/8-24 NF	.17 lbs.	730 (N)
A B27084ALH	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	3/8-24 LH*	.17 lbs.	730 (N)
A B27084A14Z	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	1/4-28 NF	.17 lbs.	730 (N)
A B27084A56ZY	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	5/16-24 NF	.17 lbs.	730 (N)
A B27084A12	2.500"	0.625"	0.625"	1.625"	0.438"	0.875"	0.375"	0.438"	0.688"	1/2-20 NF	.17 lbs.	730 (N)
A B27085A	2.875"	0.719"	0.719"	1.875"	0.500"	1.000"	0.438"	1.000"	0.813"	7/16-20 NF	.24 lbs.	730 (N)
A B27086ANF	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	1/2-20 NF	.39 lbs.	730 (N)
A B27086ANFZ	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	1/2-20 NF	.39 lbs.	730 (N)
A B27086ANC	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	1/2-13 NC	.39 lbs.	730 (N)
A B27086ANCZ	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	1/2-13 NC	.39 lbs.	730 (N)
A B27086A14Z	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	1/4-28 NF	.39 lbs.	730 (N)
A B27086A56ZY	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	5/16-24 NF	.39 lbs.	730 (N)
A B27086A38ZY	3.000"	0.813"	0.813"	1.875"	0.563"	1.125"	0.500"	1.125"	0.938"	3/8-24 NF	.39 lbs.	730 (N)
A B27086B	4.188"	0.813"	0.813"	3.063"	0.563"	1.125"	0.500"	1.125"	0.938"	1/2-20 NF	.39 lbs.	730 (N)
A B27087ANF	4.938"	1.063"	1.063"	3.688"	0.688"	1.375"	0.625"	1.250"	1.188"	5/8-18 NF	.85 lbs.	730 (N)
A B27087ANFZ	4.938"	1.063"	1.063"	3.688"	0.688"	1.375"	0.625"	1.250"	1.188"	5/8-18 NF	.85 lbs.	730 (N)
A B27087ANC	4.938"	1.063"	1.063"	3.688"	0.688"	1.375"	0.625"	1.250"	1.188"	5/8-11 NC	.85 lbs.	730 (N)
A B27087B	4.469"	1.063"	0.750"	3.250"	0.563"	1.438"	0.500"	1.219"	1.063"	5/8-18 NF	.64 lbs.	730 (N)
A B27087C	1.903"	0.844"	0.847"	1.250"	0.594"	1.281"	0.500"	0.563"	0.969"	5/8-18 NF	.24 lbs.	730 (N)
A B27088ANF	6.063"	1.250"	1.250"	4.563"	0.813"	1.625"	0.750"	1.500"	1.438"	3/4-16 NF	1.15 lbs.	730 (N)
A B27088ANC	6.063"	1.250"	1.250"	4.563"	0.813"	1.625"	0.750"	1.500"	1.438"	3/4-10 NC	1.15 lbs.	730 (N)
A B270810C	2.313"	1.125"	1.250"	1.500"	0.563"	1.500"	0.625"	0.813"	1.250"	5/8-18 NF	.68 lbs.	730 (N)

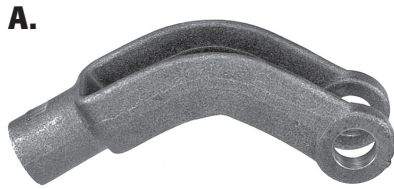
*LH = Left Hand Thread

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B B27086C	1/2" Adjustable Yoke End, Spread	.32 lbs.	730 (N)

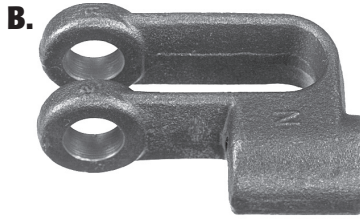
TRUCK & TRAILER HARDWARE

YOKE ENDS



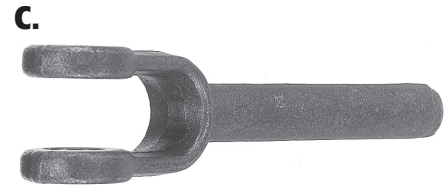
A. Adjustable Yoke End

- Machine forged
- Curved



B. Offset Yoke End

- Machine Forged



C. Plain Yoke End

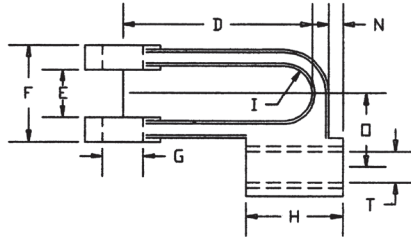
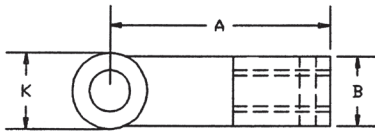
- Meets S.A.E. standard

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A B27086E	1/2" Adjustable Yoke End, Curved	.40 lbs.	730 (N)
A B27087BB	5/8" Adjustable Yoke End, Curved Clevis	.64 lbs.	730 (N)

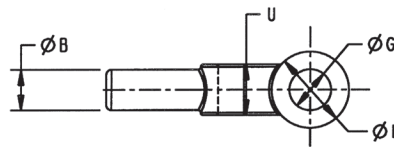
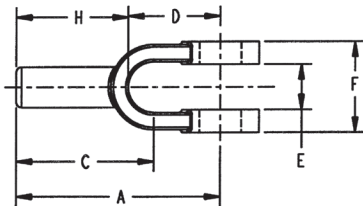
ORDERING INFORMATION

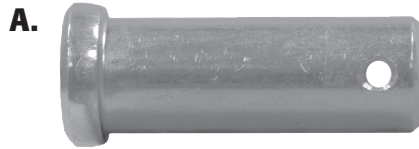
PART NO.	A	B	D	E	F	G	H	I	K	N	O	T	CAT.
B B26994A	2"	5/8"	1 5/8"	7/16"	7/8"	3/8"	7/8"	1/4"	1 1/16"	1/8"	4 1/64"	3/8-24 NF	730 (N)
B B26996A	2 1/4"	13/16"	1 7/8"	9/16"	1 1/8"	1/2"	1 1/8"	5/16"	1 5/16"	1/8"	5 3/64"	1/2-20 NF	730 (N)



ORDERING INFORMATION

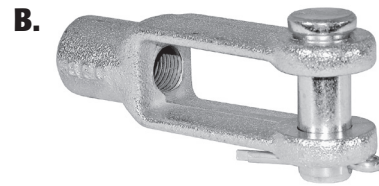
PART NO.	A	B	C	D	E	F	G	H	K	U	WEIGHT	CAT.
C B27094A	2 1/8"	3/8"	1 33/64"	2 7/32"	7/16"	7/8"	3/8"	1 1/4"	1 1/16"	5/8"	.11 lbs.	750 (N)
C B27096A	2 1/2"	1/2"	1 11/16"	1 1/8"	9/16"	1 1/8"	1/2"	1 3/8"	1 5/16"	5/8"	.24 lbs.	750 (N)
C B27096B	4 9/16"	1/2"	3 5/8"	1 1/8"	9/16"	1 1/8"	1/2"	3 3/8"	1 5/16"	3/4"	.34 lbs.	750 (N)
C B27097A	4 5/8"	5/8"	3 5/8"	1 1/16"	1 1/16"	1 3/8"	5/8"	3 1/4"	1 3/16"	1"	.46 lbs.	750 (N)
C B27098A	3 5/8"	3/4"	2 25/64"	1 11/16"	1 3/16"	1 5/8"	3/4"	1 3/4"	1 7/16"	1 1/4"	1.15 lbs.	750 (N)





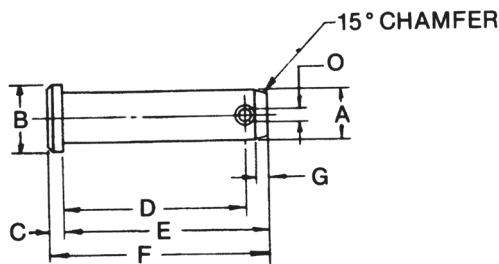
A. Clevis Pin

- S.A.E. Standard
- Can be furnished hardened and cadmium or zinc plated in quantity to your specification



B. Zinc Plated Clevis, Pin and Cotter Pin Kit

- Zinc Plated



ORDERING INFORMATION

PART NO.	A	B	C	D (MIN.)	E	F	G	O (DRILL NO.)	WEIGHT PER 100	CAT.
A B27081/22AZ	.250"	.375"	.094"	0.672"	0.797"	0.891"	0.063"	49 (.073)	1.5 lbs.	740 (N)
A B27081/23AZ	.313"	.438"	.094"	0.813"	0.969"	1.063"	0.078"	38 (.101)	2.5 lbs.	740 (N)
A B27081/24AZ	.375"	.500"	.125"	0.938"	1.094"	1.219"	0.078"	38 (.101)	4.0 lbs.	740 (N)
A B27081/25A	.438"	.563"	.156"	1.062"	1.234"	1.391"	1.094"	38 (.101)	6.0 lbs.	740 (N)
A B27081/26AZ	.500"	.625"	.156"	1.203"	1.359"	1.54"	0.109"	29 (.136)	9.0 lbs.	740 (N)
A B27081/26C	.500"	.625"	.156"	1.766"	1.984"	2.141"	0.109"	29 (.136)	12.0 lbs.	740 (N)
A B27081/26D	.500"	.625"	.156"	1.982"	2.203"	2.359"	0.109"	29 (.136)	14.0 lbs.	740 (N)
A B27081/27AZ	.625"	.813"	.203"	1.469"	1.719"	1.922"	1.141"	29 (.136)	17.5 lbs.	740 (N)
A B27081/27BZ	.500"	.625"	.156"	1.562"	1.781"	1.938"	0.109"	29 (.136)	8.5 lbs.	740 (N)
A B27081/27C	.500"	.625"	.156"	1.344"	1.563"	1.750"	0.156"	29 (.136)	9.0 lbs.	740 (N)
A B27081/28AZ	.750"	.938"	.250"	1.750"	2.047"	2.297"	0.156"	19 (.166)	29.5 lbs.	740 (N)
A B27081/210C	.625"	.813"	.188"	1.625"	1.750"	1.953"	0.062"	29 (.136)	18.0 lbs.	740 (N)

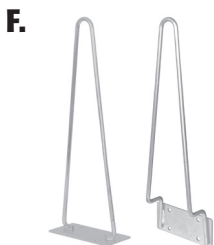
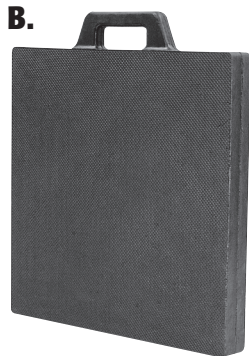
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B B27081AZKT	B27081AZ 3/16" Clevis, Pin & Cotter Pin	.04 lbs.	730 (N)
B B27082AZKT	B27082AZ 1/4" Clevis, Pin & Cotter Pin	.09 lbs.	730 (N)
B B27083AZKT	B27083AZ 5/16" Clevis, Pin & Cotter Pin	.13 lbs.	730 (N)
B B27083A14ZKT	B27083A14Z 5/16" Clevis, Pin & Cotter Pin	.14 lbs.	730 (N)
B B27084AZKT	B27084AZ 3/8" Clevis, Pin & Cotter Pin	.16 lbs.	730 (N)
B B27084A14ZKT	B27084A14Z 3/8" Clevis, Pin & Cotter Pin	.17 lbs.	730 (N)
B B27084A56ZKT	B27084A56ZY 3/8" Clevis, Pin & Cotter Pin	.22 lbs.	730 (N)
B B27086A56ZKT	B27086A56ZY 1/2" Clevis, Pin & Cotter Pin	.44 lbs.	730 (N)
B B27086A38ZKT	B27086A38Z 1/2" Clevis, Pin & Cotter Pin	.44 lbs.	730 (N)
B B27086ANFZKT	B27086ANFZ 1/2" Clevis, Pin & Cotter Pin	.44 lbs.	730 (N)
B B27086A14ZKT	B27086A14Z 1/2" Clevis, Pin & Cotter Pin	.44 lbs.	730 (N)
B B27087CKT*	B27087C 5/8" Clevis, Pin & Cotter Pin	.37 lbs.	730 (N)

* Includes nut, as well as clevis, pin, and cotter pin

TRUCK & TRAILER HARDWARE

OUTRIGGER PADS, SIGHT RODS



A. Outrigger Pad

- Constructed of natural hardwood in a "floating design" to avoid cracking and breaking
- Heavy duty U-bolt style handle runs the complete length of the pad for improved strength
- Handle is generously sized for gloved hands

E. Bumper Sight Guide

- Oversized
- High density orange or yellow poly guides
- Black nylon caps
- Flexible base
- Comes in pairs

B. Outrigger Pad

- Constructed of 2" solid rubber with textured surface and built-in handle
- Ideal for concrete, paved surfaces, and offroad use
- 2 per carton

F. Horizontal & Vertical Mount Traffic Cone Holders

- Provides easy access to your traffic cones
- Ideal for vehicles with limited storage space
- Holds ten 18" cones or five 28" cones
- Predrilled to mount to any flat surface (hardware not included)
- Silver powder coat finish (zinc plated base)
- 22" tall

C. Poly Outrigger Pad

- Durable, HDPE High Density Polyethylene Construction
- ½ the weight of rubber
- Lightweight
- Compact
- Rope style handle
- 2 Per carton

G. Vertical Mount Traffic Cone Holder

- Provides easy access to your traffic cones
- Ideal for vehicles with limited storage space
- Holds ten 28" cones
- Predrilled to mount to any flat surface (hardware not included)
- Black powder coat finish
- 12" tall x 11" diameter

D. Sight Rods

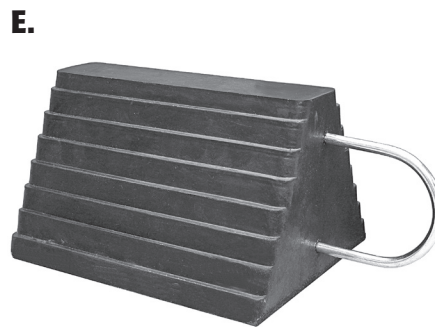
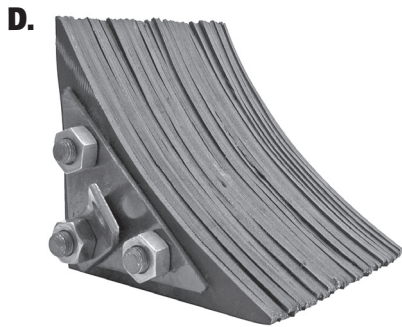
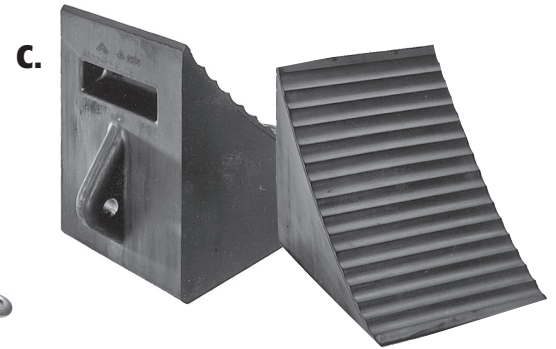
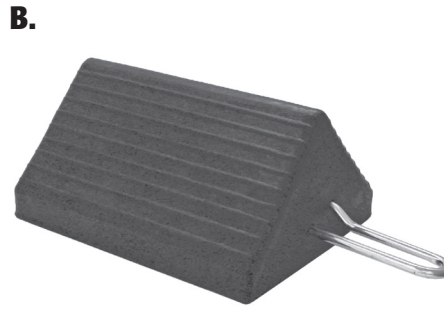
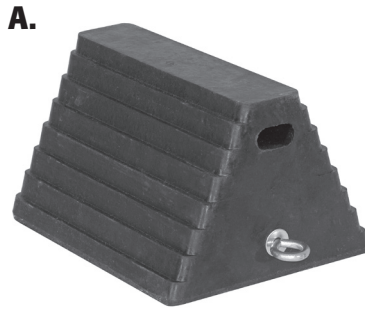
- ¾" O.D. tube is constructed of low temp. fluorescent orange nylon
- Full ¼" wall size
- More surface area than conventional markers
- Sold in pairs with vertical mounting fasteners included
- Horizontal mounting brackets are available

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	OP18X18	Hardwood Outrigger Pad, 18" x 18" x 2"	18.0 lbs.	520 (N)
B	OP18X18R	Rubber Outrigger Pad, 18" x 18" x 2"	34.5 lbs.	520 (N)
C	OP18X18P	Poly Outrigger Pad, 18" x 18" x 1"	11.7 lbs.	520 (N)
C	OP24X24P	Poly Outrigger Pad, 24" x 24" x 1"	20.8 lbs.	520 (N)
D	1308103	¾" x 24" Fluorescent Orange Marker Kit, Stud Mount	0.72 lbs.	900 (N)
D	1308105	¾" x 28" Fluorescent Orange Marker Kit, Bolt-On Base	0.80 lbs.	900 (N)
D	1308106	¾" x 28" Fluorescent Orange Marker Kit, Stud Mount	0.68 lbs.	900 (N)
D	1308107	¾" x 28" Heavy-Duty Fluorescent Orange Marker Kit, Bolt-On Base	0.68 lbs.	900 (N)
D	1308110	¾" x 36" Fluorescent Orange Marker Kit, Bolt-On Base	1.00 lbs.	900 (N)
D	1308111	¾" x 36" Fluorescent Orange Marker Kit, Stud Mount	0.98 lbs.	900 (N)
D	1308115	¾" x 48" Fluorescent Orange Marker Kit, Bolt-On Base	1.06 lbs.	900 (N)
D	1308125	Horizontal Adapter Kit	0.36 lbs.	900 (N)
E	1308150	1½" x 24" Bumper Sight Guide, Oversized (pair), Yellow	1.50 lbs.	900 (N)
E	1308160	1½" x 36" Bumper Sight Guide, Oversized (pair), Orange	1.85 lbs.	900 (N)
F	TCH10V	Traffic Cone Holder, 22", Vertical Bracket Mount, Silver Powder Coat	2.25 lbs.	520 (N)
F	TCH10H	Traffic Cone Holder, 22", Horizontal Bracket Mount, Silver Powder Coat	2.25 lbs.	520 (N)
G	TCH12V	Traffic Cone Holder, Vertical Bracket Mount, Black Powder Coat	8.41 lbs.	520 (N)

WHEEL CHOCKS

RUBBER AND POLYURETHANE WHEEL CHOCKS



A. Heavy-Duty Rubber Wheel Chock

- Reinforced rubber design
- Perfect for most applications
- Includes Chain Eye

B. Heavy-Duty Rubber Wheel Chock

- Reinforced rubber design
- Perfect for most applications
- Includes Handle

C. Heavy-Duty Rubber Wheel Chock

- Designed for unusually heavy loads
- Built to OSHA standards
- Convenient molded handhold and chain eye

D. Laminated Rubber Wheel Chock

- Features durable, recycled tire rubber pressed between two 1/4" steel plates
- Includes retaining bracket for use with chains

E. Heavy-Duty Rubber Wheel Chock with "U" Wire Handle

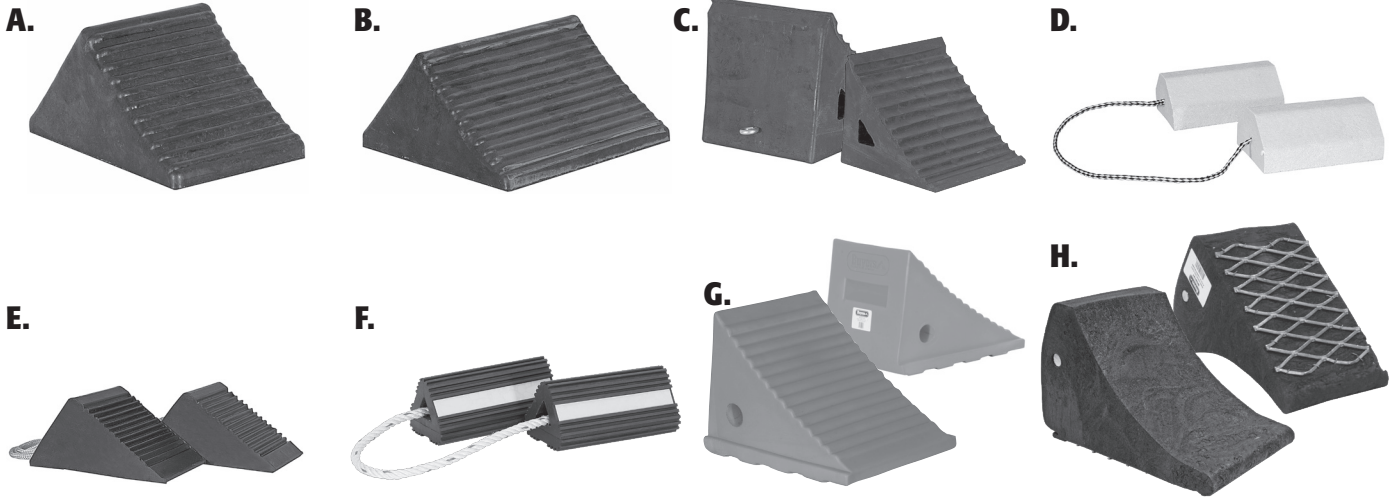
- Reinforced rubber design
- Perfect for most applications

ORDERING INFORMATION

PART NO.	DESCRIPTION	DIMENSIONS W x D x H	WEIGHT	CAT.
A WC1086	Heavy-Duty Rubber Wheel Chock w/ Chain Eye	10" x 8" x 6"	8.25 lbs.	380 (N)
A WC6810L	Rubber Wheel Chock w/ Chain Eye	10" x 8" x 6"	6.50 lbs.	380 (N)
B WC1085H	Heavy-Duty Rubber Wheel Chock w/ Handle	10" x 8" x 5"	8.00 lbs.	380 (N)
C WC2556A	Heavy-Duty Rubber Wheel Chock	7" x 10.25" x 8.13"	11.15 lbs.	380 (N)
D WC0888	Laminated Rubber Wheel Chock	8.75" x 8" x 8"	13.30 lbs.	380 (N)
E WC1086UWH	Heavy-Duty Rubber Wheel Chock w/ "U" Wire Handle	9.63" x 7.5" x 5.88"	9.00 lbs.	380 (N)

WHEEL CHOCKS

RUBBER WHEEL CHOCKS



A. Rubber Wheel Chock

- Reinforced rubber design
- Resistant to sun, salt, oil, & acid

B. Rubber Wheel Chock

- Reinforced rubber design
- Resistant to sun, salt, oil, & acid

C. Rubber Wheel Chock

- Reinforced rubber design
- Resistant to sun, salt, oil, & acid
- Includes Chain Eye

D. Yellow Composite Wheel Chocks

- 100% recycled composite, safety yellow
- Resistant to oils & chemicals
- Will not deteriorate or rot
- Connected with 32³/₄" rope, boxed in sets

E. Mini Rubber Wheel Chock Pair with Rope

- Includes 1 pair of 3"x5"x2¹/₄" rubber wheel chocks & a 36" cord
- For ATVs & similar type vehicles
- Not for automotive or truck use.

F. Rubber Wheel Chock with Rope

- 4" x 4" x 8" ribbed extruded rubber chock for aircraft, ground equipment or for anchoring large pipe
- 3 ft. nylon rope
- High visibility reflective tape on three sides for improved visibility

G. Polyurethane Wheel Chocks

- Fluorescent Orange for high visibility
- Semi-rigid polyurethane
- 1/2 the weight of rubber
- Built-In carrying hand grip
- Includes mounting holes for rope, eye bolts, etc.
- Two wheel chocks per box

H. Wheel Chock

- 100% Recycled Plastic (solid)
- 3/4" Zinc Plated Handle
- 1/8" Aluminum Grating Base for Snow, Ice, and Mud

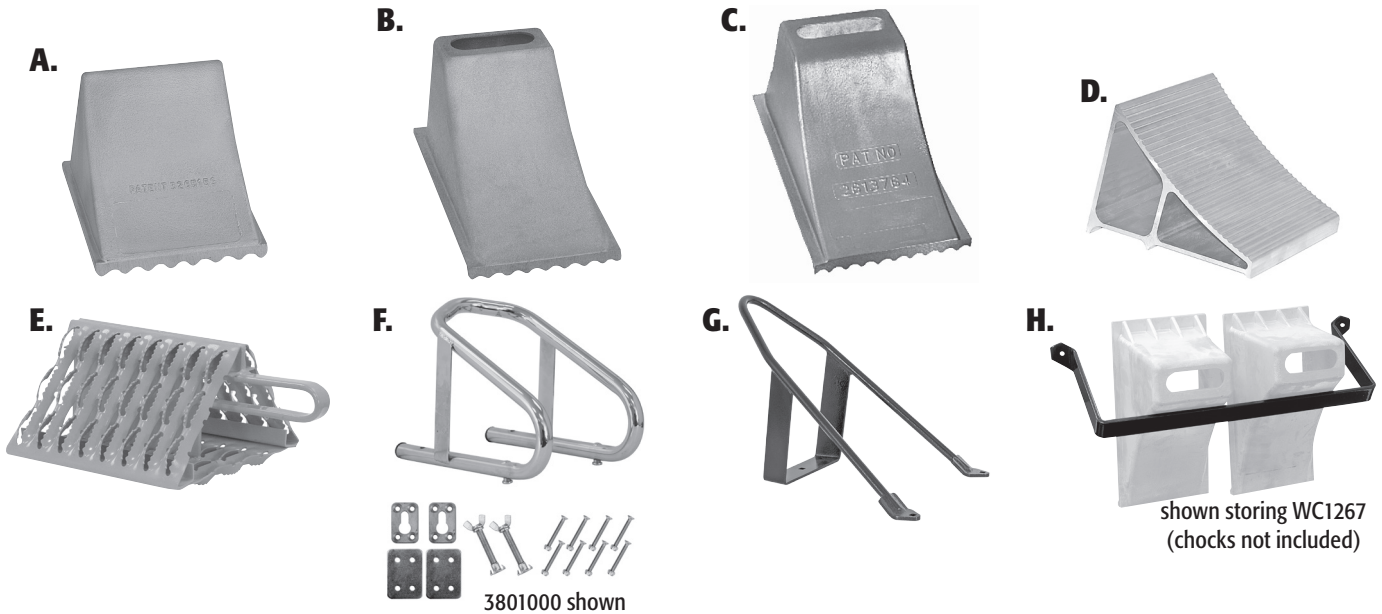
ORDERING INFORMATION

	PART NO.	DESCRIPTION	DIMENSIONS W x D x H	WEIGHT	CAT.
A	WC1467A	Rubber Wheel Chock	5" x 6" x 5"	2.80 lbs.	380 (N)
B	WC1468A	Rubber Wheel Chock	8" x 6" x 5"	5.90 lbs.	380 (N)
C	WC796R	Rubber Wheel Chock w/ Chain Eye	9 ¹ / ₂ " x 7" x 7"	9.69 lbs.	380 (N)
D	WC9642Y	Yellow Composite Wheel Chock Set with Rope	9 ¹ / ₂ " x 6" x 4"	10.50 lbs.	380 (N)
E	WC35225	Mini Rubber Wheel Chock Pair with Rope	3" x 5" x 2.25"	1.67 lbs.	380 (N)
F	WC24483	Rubber Wheel Chock Set with Rope	4" x 4" x 8"	6.00 lbs	380 (N)
G	WC786	Fluorescent Orange Poly Wheel Chock	7.38" x 8.31" x 6.25"	2.37 lbs	380 (N)
G	WC8118	Fluorescent Orange Poly Wheel Chock	8.69" x 11.25" x 8.13"	4.37 lbs	380 (N)
H	WC8127	Black Poly Wheel Chock w/Grating Base	7" x 12" x 8"	9.40 lbs	380 (N)



WHEEL CHOCKS

WHEEL CHOCKS MOTORCYCLE WHEEL CHOCKS



A.-C. Aluminum Wheel Chock

- Light weight
- Reduces operator fatigue

D. Extruded Aluminum Wheel Chock

- Great for ice and snow conditions
- For use in chocking semi-trailers and trucks

E. Serrated Wheel Chocks

- Great for ice and snow conditions
- Serrated texture on all sides offers extra "grip"
- Galvanized

F. Motorcycle Wheel Chock

- Fits tires up to 5½" wide
- Quick mount design interlocks with floor mounted receivers
- Durable, ¾" chrome plated steel tubing construction with welded braces
- 10" long x 5½" wide x 9" tall
- Chrome finish
- Includes mounting hardware

G. Motorcycle Wheel Chock

- Tapered design accommodates various tire widths up to 5½"
- Bolt-down design for truck beds, trailers, or garage floors
- 18" long x 12" wide x 12¼" tall
- Solid carbon steel construction, ¾" mounts and 5/8" formed rod
- Durable black powder coat finish
- Includes all mounting hardware

H. Wheel Chock Bracket

- Safely store WC1267 wheel chocks
- Mounts easily to trailer bed, fender, or loading dock
- ¼" x 1¼" steel bar
- Black powder coat finish

ORDERING INFORMATION

PART NO.	DESCRIPTION	DIMENSIONS W x D x H	CAPACITY	WEIGHT	CAT.
A WC765	Aluminum Wheel Chock	6" x 7" x 5¼"	28,000 lbs.	1.50 lbs.	380 (N)
B WC1267	Aluminum Wheel Chock	6¼" x 12¼" x 7"	55,000 lbs.	3.25 lbs.	380 (N)
C WC1588	Aluminum Wheel Chock	8½" x 15" x 8¼"	70,000 lbs.	7.25 lbs.	380 (N)
D WC6096A	Extruded Aluminum Wheel Chock	6" x 8.75" x 5.86"		4.50 lbs.	380 (N)
D WC7118A	Extruded Aluminum Wheel Chock	7" x 10.75" x 7.8"		6.50 lbs.	380 (N)
E WC091060	Galvanized Wheel Chock	9" x 10" x 6"		10.00 lbs.	380 (N)
F WC100609	Chrome Motorcycle Wheel Chock	10"x 5-1/2"x 9"		9.65 lbs.	380 (N)
G WC181212	Black Motorcycle Wheel Chock	18"x 12"x 12"		9.65 lbs.	380 (N)



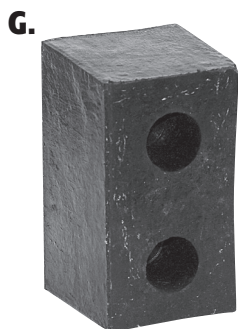
ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
H WCB186	Wheel Chock Bracket	4.87 lbs.	380 (N)
3801000	Extra Mounting Hardware Kit for WC100609 (additional hardware available for alternative mounting positions/locations)	0.92 lbs.	380 (N)

= Available in Full Color Retail Package

RUBBER/POLYMER PRODUCTS

RUBBER BUMPERS



A. Heavy-Duty Friction Stock Bumper

- Reinforced with nylon & rayon cording
- Compression molded
- 3.25" Center to Center
- Sold in pairs

B. Precision Molded Rubber Bumper

- Designed for OEM applications where close tolerance & precision molding is mandatory
- 3" Center to Center
- Sold in pairs

C. - G. Molded Rubber Bumpers

- Sold in pairs

H. Laminated Rubber Bumpers

- Belted rubber sections encased in structural steel angles with welded tie rods
 - Recommended for refuse and severe duty applications
- Weld-on bumper compares to Heil®* # H-014-1714*

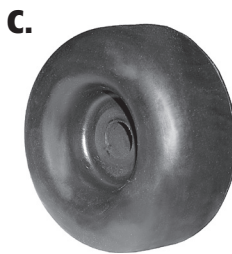
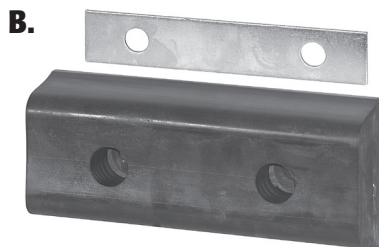
ORDERING INFORMATION

PART NO.	DESCRIPTION	DIMENSIONS WxDxH	HOLE SPACING (C-C)		HOLE SIZE	WEIGHT PER PAIR	CAT.
			VERTICAL	HORIZONTAL			
A B4000	Heavy-Duty Friction Stock Bumper	6" x 3" x 8"	3.25"	5.50"	0.50"	7.60 lbs.	370 (N)
B B4500	Precision Molded Rubber Bumper	5½" x 3-23/32" x 7-5/8"	3.0"	5.50"	0.58"	10.50 lbs.	370 (N)
C B5264	Molded Rubber Bumper	2½" x 4-1/8" x 6¾"	—	3.75"	0.53"	6.50 lbs.	370 (N)
D B5500	Molded Rubber Bumper	3" x 3½" x 6"	—	3.00"	0.54"	5.85 lbs.	370 (N)
E B5540	Molded Rubber Bumper	2-9/16" x 3" x 6"	—	3.50"	0.66"	3.30 lbs.	370 (N)
F B5760	Molded Rubber Bumper	2¼" x 2" x 7¾"	—	4.63"	0.44"	2.65 lbs.	370 (N)
G B6000L	Molded Rubber Bumper	3½" x 3½" x 6"	—	3.00"	0.56"	6.00 lbs.	370 (N)
H B9000	Laminated Rubber Bumper	10" x 5" x 2-1/2"	—	—	—	17.50 lbs.	370 (N)

*Buyers Products is not authorized by nor affiliated with the manufacturer of Heil® products.

RUBBER/POLYMER PRODUCTS

RUBBER BUMPERS SUSPENSION KITS



A. Extruded Rubber D-Bumper

B. Extruded Rubber Rectangular Bumper

- Includes steel insert mounting plate

C. 2 1/2" Round Rubber Bumper

- Protects from door handles, latches, and cam locks
- Used as a cushion for loading ramps & lift gates
- Bumper is 1" high

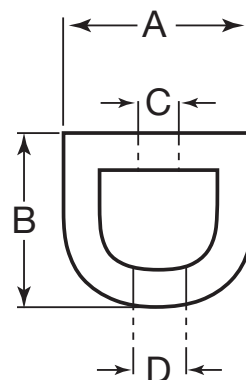
D. Cabinet Door Bumper

E. - F. Auxiliary Front Suspension Kits

- Application for GM trucks
- Ideal for Snowplow Applications
- Increases the Load Carrying Ability
- Provides Suspension Protection for Work Vehicles
- Adds Safety & Stability
- Easy to Install - Complete Instructions Included
- Contains 2 Springs, Mounting Brackets, Hardware

ORDERING INFORMATION

PART NO.	A	B	C	D	NO. of HOLES	C-C of HOLES	LENGTH	WEIGHT	CAT.
A D210	2 1/8"	1 7/8"	3/8"	1 1/16"	2	6"	10"	1.80 lbs.	370 (N)
A D2120	2 1/8"	1 7/8"	N/A	N/A	None	—	120"	21.60 lbs.	370 (N)
A D232	2 1/8"	1 7/8"	3/8"	1 1/16"	3	14"	32"	5.76 lbs.	370 (N)
A D26U	2 1/8"	1 7/8"	3/8"	1 1/16"	2	3"	6"	1.08 lbs.	370 (N)
A D312	3"	2 7/8"	1 1/16"	1 1/8"	2	8 1/8"	12"	3.30 lbs.	370 (N)
A D324	3"	2 7/8"	1 1/16"	1 1/8"	4	6 1/2"	24"	6.60 lbs.	370 (N)
A D412	4"	3 3/4"	7/8"	1 1/8"	2	7 7/8"	12"	5.50 lbs.	370 (N)
A D424	4"	3 3/4"	7/8"	1 1/8"	3	10"	24"	11.00 lbs.	370 (N)
A D46	4"	3 3/4"	7/8"	1 1/8"	2	3 1/8"	6"	2.75 lbs.	370 (N)
PART NO.	WIDTH	LENGTH	THICKNESS	NO. of HOLES	C-C of HOLES	PCS. per CARTON	WEIGHT	CAT.	
B 441466	4 3/4"	10"	2 3/4"	2	5"	4	5.45 lbs.	370 (N)	
PART NO.	DESCRIPTION						WEIGHT	CAT.	
C B1001	2 1/2" Bumper, Black						.18 lbs.	370 (N)	
C B1025	2 1/2" Bumper, White						.18 lbs.	370 (N)	
D CDB01	Cabinet Door Bumper						.01 lbs.	370 (N)	
E 5562001	Auxiliary Front Suspension Kit For GM Trucks*						2.5 lbs.	556 (N)	
F 5562009	Auxiliary Front Suspension Kit For GM Trucks*						2.5 lbs.	556 (N)	



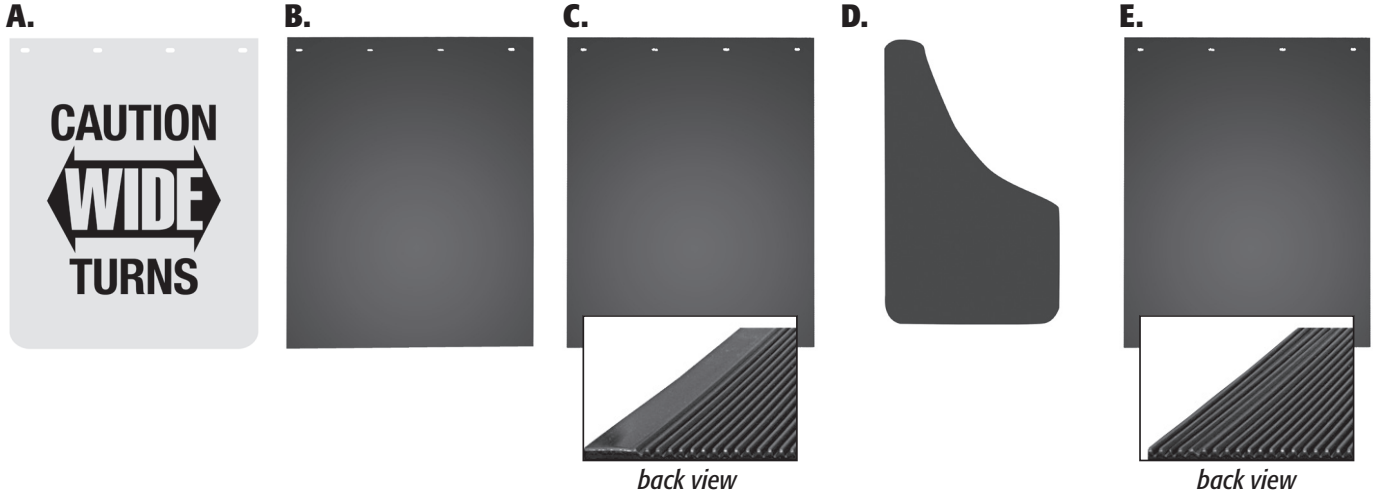
*See buyersproducts.com for a complete list of vehicles

= Available in Full Color Retail Package

RUBBER/POLYMER PRODUCTS

POLYMER MUDFLAPS / MULTI-MATERIAL MUDFLAPS

(Sold in Pairs)



A. Yellow Polymer Mudflaps

- 3/16" Super durable polymer mudflaps
- Withstands impact and stress while maintaining appearance and antisail properties
- Withstands subfreezing temps.
- Resists buildup of ice & snow
- Repels impact from road debris
- Bright yellow and "Caution Wide Turns" increase safety

B. Super Durable Polymer Mudflaps

- 3/16" Super durable polymer mudflaps
- Withstands subfreezing temps.
- Resists buildup of ice & snow
- Repels impact from road debris
- Stocked in white, black, red and blue
- 25 gloss pigment foils are available for custom imprinting
- Large 20" x 24" area available for custom imprinting
- Custom sizes and colors quoted on request

C. Spray Reducing Grooved Polymer Mudflaps

- 5/16" Thick poly mudflaps
- Heavy-Duty, no sail design
- Unique design minimizes spray
- Withstands subfreezing temps.
- Resists buildup of ice & snow
- Repels impact from road debris
- Stocked in white and black
- Custom sizes and colors quoted on request
- 25 gloss pigment foils are available for custom imprinting

D. Thermo Flex Fender Guard

- 1/8" Thick poly mudflaps
- Add style to your truck or trailer
- Repels impact from road debris
- Withstands subfreezing temps.
- Resists buildup of ice & snow

E. Multi-Material Composite Mudflaps

- Available with 1/4" or 3/8" grooves on back
- Heavy-Duty, no sail design
- Withstands subfreezing temps.
- Custom sizes quoted on request
- 25 gloss pigment foils are available for custom imprinting



ORDERING INFORMATION					
	PART NO.	COLOR	SIZE	WEIGHT PER PAIR	CAT.
A	B2424YC	Yellow	24" x 24"	7 lbs.	842 (Y)
A	B2430YC	Yellow	24" x 30"	8 lbs.	842 (Y)
A	B2436YC	Yellow	24" x 36"	10 lbs.	842 (Y)
B	RC18PPB	Black	24" x 18"	5 lbs.	850 (Y)
B	RC18PPW	White	24" x 18"	5 lbs.	850 (Y)
B	RC24PPB	Black	24" x 24"	7 lbs.	850 (Y)
B	RC24PPW	White	24" x 24"	7 lbs.	850 (Y)
B	RC30PPB	Black	24" x 30"	8 lbs.	850 (Y)
B	RC30PPBLU	Blue	24" x 30"	8 lbs.	850 (Y)
B	RC30PPR	Red	24" x 30"	8 lbs.	850 (Y)
B	RC30PPW	White	24" x 30"	8 lbs.	850 (Y)
B	RC36PPB	Black	24" x 36"	10 lbs.	850 (Y)
B	RC36PPW	White	24" x 36"	10 lbs.	850 (Y)
B	RC40PPB	Black	24" x 40"	12 lbs.	850 (Y)
B	RC40PPW	White	24" x 40"	12 lbs.	850 (Y)

ORDERING INFORMATION					
	PART NO.	COLOR	SIZE	WEIGHT PER PAIR	CAT.
C	B24PSRPB	Black	24" x 24"	11.00 lbs.	833 (Y)
C	B24PSRPW	White	24" x 24"	11.00 lbs.	833 (Y)
C	B30PSRPB	Black	24" x 30"	14.00 lbs.	833 (Y)
C	B30PSRPW	White	24" x 30"	14.00 lbs.	833 (Y)
C	B36PSRPB	Black	24" x 36"	17.00 lbs.	833 (Y)
C	B36PSRPW	White	24" x 36"	17.00 lbs.	833 (Y)
D	B915PPB	Black	9" x 15"	1.00 lb.	833 (Y)
D	B1018PPB	Black	10" x 18"	1.00 lb.	840 (Y)
D	B1020PPB	Black	10" x 20"	1.50 lbs.	840 (Y)
D	B117518PPB	Black	11.75" x 17.75"	3.00 lbs.	840 (Y)
D	B1237PPB	Black	12" x 37"	3.00 lbs.	840 (Y)
D	B1237PPW	White	12" x 37"	3.00 lbs.	840 (Y)
E	BSGS2018	Black	20" x 18" x 1/4"	5.34 lbs.	845 (Y)
E	BSGS2030	Black	20" x 30" x 1/4"	11.30 lbs.	845 (Y)
E	BSGS2424	Black	24" x 24" x 1/4"	8.90 lbs.	845 (Y)
E	BSGS2430	Black	24" x 30" x 1/4"	11.00 lbs.	845 (Y)
E	BSGS2436	Black	24" x 36" x 1/4"	13.20 lbs.	845 (Y)
E	BSGD2424	Black	24" x 24" x 3/8"	11.00 lbs.	845 (Y)
E	BSGD2430	Black	24" x 30" x 3/8"	13.80 lbs.	845 (Y)
E	BSGD2436	Black	24" x 36" x 3/8"	16.60 lbs.	845 (Y)

RUBBER/POLYMER PRODUCTS

RUBBER MUDFLAPS

(Sold in Pairs)

A.



B.



C.



D.



A. 1/2" Heavy Anti-Spray Mudflaps

- 1/2" Thick rubber mudflaps
- Repels spray with special 1/4" broad based knobs
- Resists impact, cutting & tearing
- Resists buildup of ice and snow
- Repels impact from road debris
- White, yellow, orange, red, green and blue colors available for custom imprinting

B. 1/2" Solid Mudflaps

- 1/2" Thick rubber mudflaps
- For use in off-road conditions
- Resists impact, cutting & tearing
- Resists buildup of ice and snow
- Repels impact from road debris
- White, yellow, orange, red, green and blue colors available for custom imprinting

C. Heavy Duty Rubber Mudflaps

- 1/4" Thick rubber mudflaps
- Resists impact, cutting & tearing
- Custom sized to fit your needs
- Resists buildup of ice and snow
- Repels impact from road debris
- White, yellow, orange, red, green and blue colors available for custom imprinting

D. 3/8" Extra Heavy-Duty Rubber Mudflaps

- 3/8" Thick rubber mudflaps
- Resists impact, cutting & tearing
- Custom sized to fit your needs
- Resists buildup of ice and snow
- Repels impact from road debris
- White, yellow, orange, red, green and blue colors available for custom imprinting

ORDERING INFORMATION

PART NO.	SIZE	WEIGHT PER PAIR	CAT.
A B24SRP	24" x 24"	19 lbs.	800 (Y)
A B30SRP	24" x 30"	22 lbs.	800 (Y)
A B36SRP	24" x 36"	24 lbs.	800 (Y)
B B24SPP	24" x 24"	21 lbs.	820 (Y)
B B30SPP	24" x 30"	24 lbs.	820 (Y)
B B36SPP	24" x 36"	30 lbs.	820 (Y)
B B40SPP	24" x 40"	34 lbs.	820 (Y)
C B1018LSP*	10" x 18"	3 lbs.	780 (N)
C B1218LSP	12" x 18"	4 lbs.	780 (N)
C B1412LSP	14" x 12"	4 lbs.	780 (N)
C B1812LSP	18" x 12"	4 lbs.	780 (N)
C B1820LSP	18" x 20"	7 lbs.	780 (N)
C B2014LSP	20" x 14"	6 lbs.	780 (N)
C B2018LSP	20" x 18"	7 lbs.	780 (N)
C B2020LSP	20" x 20"	8 lbs.	780 (N)
C B2024LSP	20" x 24"	9 lbs.	780 (N)
C B2030LSP	20" x 30"	13 lbs.	780 (N)
C B2412LSP	24" x 12"	7 lbs.	780 (N)
C B2414LSP	24" x 14"	7 lbs.	780 (N)
C B2418LSP	24" x 18"	8 lbs.	780 (N)
C B2420LSP	24" x 20"	9 lbs.	780 (N)

*Teardrop Style

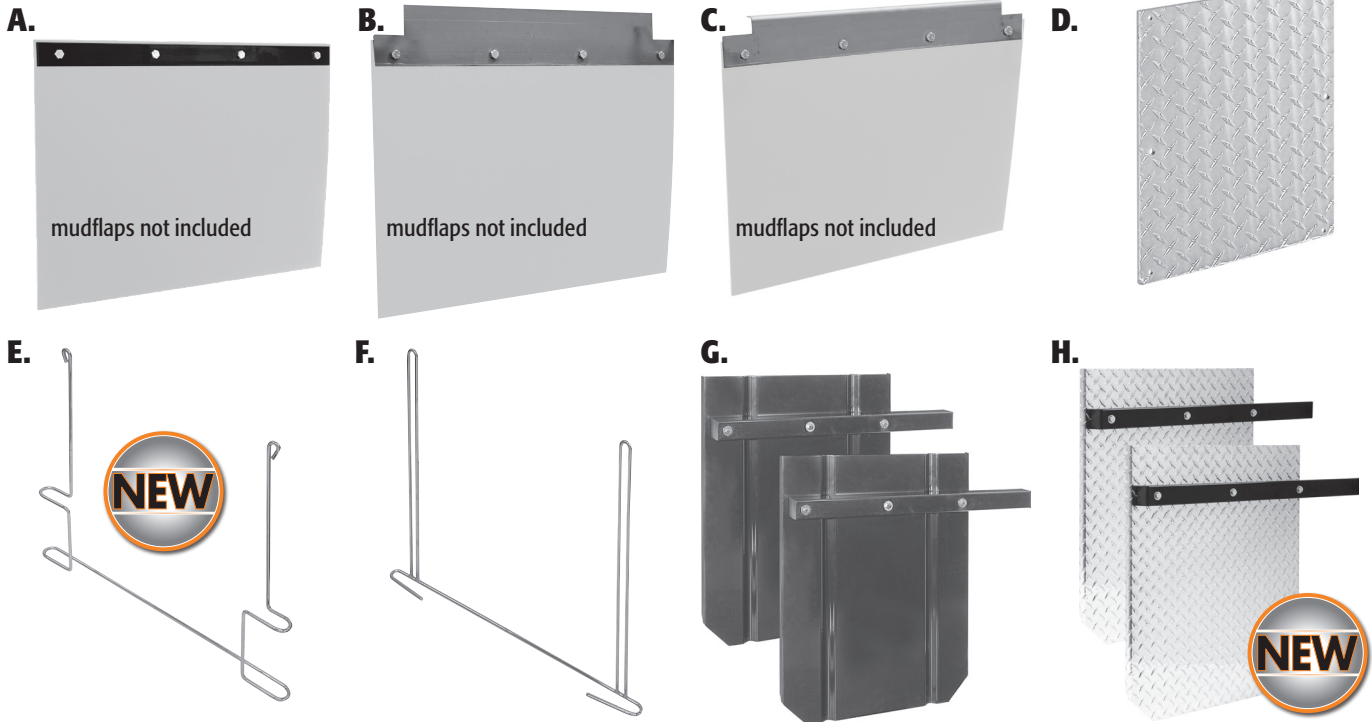
**Color
Custom Imprints
Available**

ORDERING INFORMATION

PART NO.	SIZE	WEIGHT PER PAIR	CAT.
C B24LP	24" x 24"	12 lbs.	780 (N)
C B30LP	24" x 30"	14 lbs.	780 (N)
C B36LP	24" x 36"	16 lbs.	780 (N)
C B40LP	24" x 40"	18 lbs.	780 (N)
D B24LXP	24" x 24"	16 lbs.	810 (Y)
D B30LXP	24" x 30"	18 lbs.	810 (Y)
D B36LXP	24" x 36"	20 lbs.	810 (Y)
D B40LXP	24" x 40"	22 lbs.	810 (Y)

RUBBER/POLYMER PRODUCTS

MUDFLAPS PLATES & BRACKETS



A. Mudflap Bolting Plate

- Reinforces the critical bolt hole area of all 24" wide rubber or plastic splash guards
- Black powder coat finish
- Sold in pairs
- 25 Pairs per master carton

B. Mudflap Mounting Plate

- Welds to truck or trailer body to provide fast and economical mount for all 24" wide splash guards
- Sold in pairs

C. 90° Mudflap Mounting Plate

- Welds to truck or trailer body to provide fast and economical mount for all 24" wide splash guards
- Sold in pairs

D. Aluminum Stone Guard

- Protects lower front panel of utility bodies and underbody toolboxes from stone chips and road debris
- .100" thick polished diamond plate aluminum
- Six predrilled 3/16" mounting holes
- Includes 12 rivets

E. - F. Anti-Sail Mudflap Brackets

- Packaged 5 pair per carton

G. Steel Mudflaps

- Heavy-duty, 12-gauge reinforced steel shields
- Includes: 2 splash shields, 2 tubes, 2 end cap plugs
- 2" steel tube welds to hoist sub-frame in front of the rear wheels on dump bodies
- Requires no additional bracing
- 28" L x 22" W guards bolt on to mounting tubes
- Predrilled holes for easy installation (fasteners not included)
- Black powder coat finish

H. Aluminum Mudflaps

- .100" thick aluminum diamond plate shields
- Includes: 2 splash shields, 2 tubes, 2 end cap plugs
- 2" steel tube welds to hoist sub-frame in front of the rear wheels on dump bodies
- Requires no additional bracing
- 28" L x 22" W guards bolt on to mounting tubes
- Predrilled holes for easy installation (fasteners not included)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT PER PAIR	CAT.
A MFW2375	Mudflap Bolting Plate	2.60 lbs.	859 (N)
B MFBH2375F	Mudflap Mounting Plate	6.50 lbs.	859 (N)
C MFBH2375A	90° Mudflap Mounting Plate	6.50 lbs.	859 (N)
D STG1210	Stone Guard, 12" x 10" Aluminum (must purchase in increments of 10 pieces)	1.4 lbs.	859 (N)
E 400BZ	Galvanized, 21 $\frac{1}{8}$ " H x 22 $\frac{3}{8}$ " W (sized for exhaust tip clearance)	4.10 lbs.	859 (N)
E 405BZ	Galvanized, 21 $\frac{1}{8}$ " H x 26 $\frac{3}{8}$ " W	4.45 lbs.	859 (N)
E 405BC	Chrome Plated Bracket, 21 $\frac{1}{8}$ " H x 26 $\frac{3}{8}$ " W	4.45 lbs.	859 (N)
E 405SS	Stainless Steel, 21 $\frac{1}{8}$ " H x 26 $\frac{3}{8}$ " W	4.10 lbs.	859 (N)
F B2436ASBC	Chrome Plated Bracket	5.70 lbs.	859 (N)
G SG2228	Steel Mudflaps	51.0 lbs.	859 (N)
H SG2229	Aluminum Diamond Plate Mudflaps	29.0 lbs.	859 (N)

NEW

NEW

RUBBER/POLYMER PRODUCTS

POLY FENDERS

A.



A. Poly Fenders

- Injection molded poly construction won't rust or corrode
- Durable and forgiving
- Lightweight

Compares to: *Minimizer®* PM1901*; *Fleet Engineer's Inc.®* 034-02130*

B.

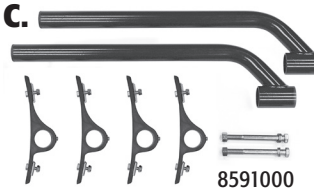


B. Poly Fenders

- Injection molded poly construction won't rust or corrode
- Durable and forgiving
- Lightweight
- Integrally molded ribs for added strength and spray reduction

Compares to: *Minimizer®* PM2201 and PM2401*; *Fleet Engineer's Inc.®* Spray Mate® 034-01520*

C.



8591000



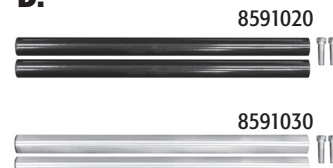
8591001

C. Poly Fenders Mounting Kit

- Heavy wall, structural steel tubing
- Black Powder Coat or Stainless Steel
- 30.5" long mounts covers all dual rear wheel applications
- 5" tubing offset clears spring shackles and adjusts fender mounting height
- Kit includes: (2) steel or stainless steel tube mounting brackets w/end caps, (2) frame bolts, (4) poly fender hangar brackets w/ fasteners
- Note: (1) kit mounts one fender. Order (2) kits for two rear fenders.
- For use with 8590195, 8590245.

Compares to: *Spray Mate®* #031-00883 mounts w/ 031-00823 hangars*

D.



8591020

8591030

D. Universal Straight Arm

- Flush, End-mount Design
- Black Powder Coat or Stainless Steel
- 30.25" Long x 1.88" Diameter x .125" Wall Straight Tubing
- Kit Includes: (2) Straight Mounting Tubes, (2) Plastic End-caps & Fasteners
- 2 pair of 8591005 required per fender (sold separately)

Compares to *Fleet Engineers® Inc.* 031-01250 and 031-1251*

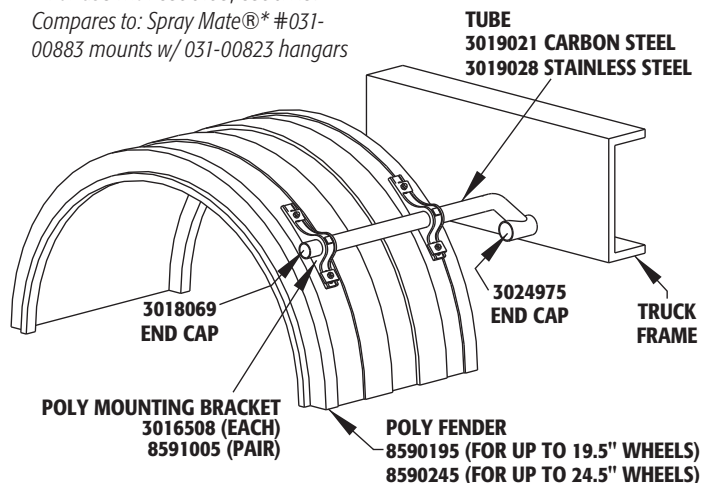
E.



F.



G.



ORDERING INFORMATION

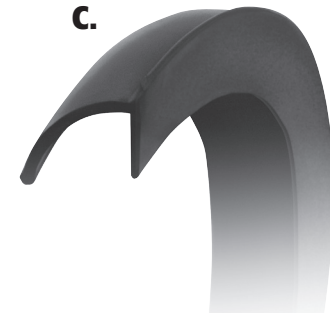
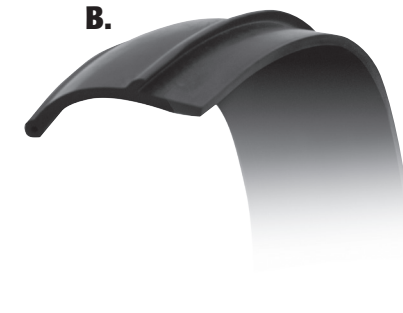
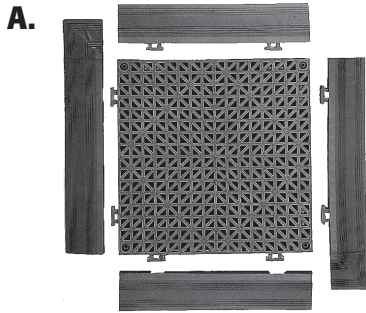
PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8590195	Poly Fender, Fits Minimum 19.5" Dual Rear Wheels, 48"L x 22½" W x 20"T	8.60 lbs.	859 (N)
B 8590245	Poly Fender, Fits Up to 24.5" Dual Rear Wheels, 50½"L x 26½" W x 23½"T	14.30 lbs.	859 (N)
C 8591000	Fender Mounting Kit (1 side complete), Black Powder Coat	21.00 lbs.	859 (N)
C 8591001	Fender Mounting Kit (1 side complete), Stainless Steel	21.00 lbs.	859 (N)
D 8591020	Universal Fender Mounting Kit, Straight Arm w/ Bolt, Black Powder Coat (one side)	13.00 lbs.	859 (N)
D 8591030	Universal Fender Mounting Kit, Straight Arm w/ Bolt, Stainless Steel (one side)	13.00 lbs.	859 (N)
E 8591010	Fender Mounting Arm w/ Bolt (1 piece), Black Powder Coat	8.05 lbs.	859 (N)
F 8591005	Fender Mounting Kit Hangar Bracket Assembly Only (pair)	2.40 lbs.	859 (N)
G 3016508	Fender Mounting Kit Hangar Bracket Only (1 piece)	1.20 lbs.	859 (N)
NEW 3018069	End Cap, Black Plastic, replacement (see drawing)	0.02 lbs.	859 (N)
NEW 3024975	End Cap, Black Plastic, replacement for Frame End (see drawing)	0.02 lbs.	859 (N)

*Buyers Products is not authorized by nor affiliated with the manufacturer of Spray Control Systems, Inc.® or Fleet Engineers, Inc.® products.

RUBBER/POLYMER PRODUCTS

FENDER EXTENSIONS

TARP STRAPS



S-Hooks not included

A. Dry-Mat Tile 3/4" Thick

- Constructed of tough, automotive grade recycled plastic
- Relieves physical stress on the job
- Provides fast evaporation while protecting the surface below
- Maintains original shape and color
- Fast, easy installation

B. Wide Heavy-Duty Rubber Fender Extension

- 1/4" thick
- Extends fender 2 1/2"
- Built-in curvature for smooth fit
- Supplied in 50' coils
- Black in color

C. Blind Mount Standard Duty Rubber Fender Extensions

- 3/16" thick
- Extends fender 2"
- Built-in curvature for smooth fit
- Supplied in 50' coils
- Black in color

D. 2.5" S Hook

- Sold separately from tarp straps
- .180 dia.
- Zinc Plated

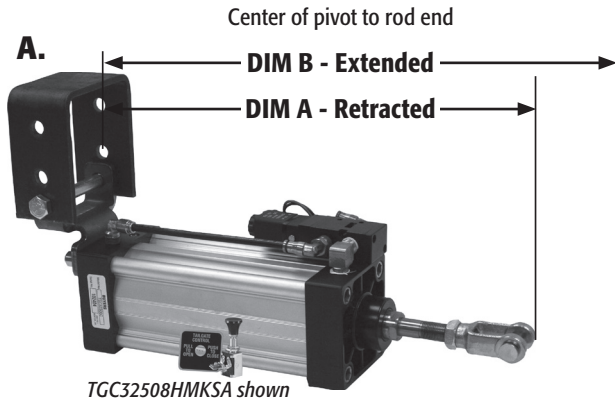
E. Tarp Straps

- EPDM rubber provides outstanding resistance to extreme weather conditions.
- Heavy-duty square ends for strength / tear resistance.
- S-Hooks sold separately (part # 9225).
- Made in USA

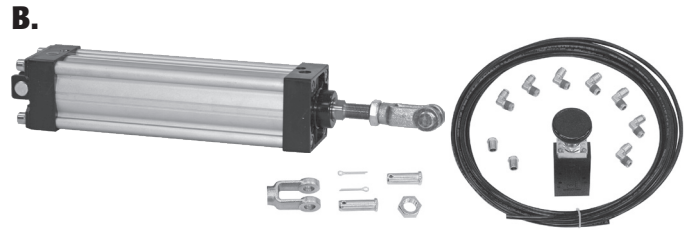
ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	DM1212B	12" x 12" Tile	1.5 lbs.	880 (N)
A	DM0212BM	2" x 12" Male Edge	1.5 lbs.	880 (N)
A	DM0212BF	2" x 12" Female Edge	1.5 lbs.	880 (N)
A	DM0214BMC	2" x 14" Male Corner	0.5 lbs.	880 (N)
B	B52150	Wide Heavy-Duty Rubber Fender Extension	30.0 lbs.	874 (N)
C	B52169	Blind Mount Standard Duty Rubber Fender Extension	28.0 lbs.	874 (N)
D	9225	2.5" S Hook (100 per carton)	4.0 lbs.	360 (N)
E	TS9	Rubber Tarp Strap, 9" (100 per carton)	0.11 lbs.	350 (Y)
E	TS15	Rubber Tarp Strap, 15" (100 per carton)	0.12 lbs.	350 (Y)
E	TS20	Rubber Tarp Strap, 20" (100 per carton)	0.15 lbs.	350 (Y)
E	TS31	Rubber Tarp Strap, 31" (50 per carton)	0.25 lbs.	350 (Y)
E	TS41	Rubber Tarp Strap, 41" (50 per carton)	0.30 lbs.	350 (Y)

DUMP BODY HARDWARE



TAILGATE CYLINDERS AIR VALVES



A. Tie Rod Style Cylinders (Enclosed Tie Rods)

- Extruded Aluminum Body
- 5/8"-18 Threaded Rod
- 1/4" NPT Port Threads
- 1/2" Clevis Mount (Removable for Hinge Mount)
- Pillow Valves (Prevents Piston from Hitting Inner Walls)
- Includes: (2) 1/2" Clevis Pins; (1) 5/8"-18 Threaded Adjustable Yoke; (2) Cotter Pins

B. Tie Rod Style Cylinder Kits

- Extruded Aluminum Body
- 5/8"-18 Threaded Rod
- 1/4" NPT Port Threads
- 1/2" Clevis Mount (Removable for Hinge Mount)
- Pillow Valves (Prevents Piston from Hitting Inner Walls)
- Includes: (2) 1/2" Clevis Pins; (1) 5/8"-18 Threaded Adjustable Yoke; Cotter Pins, (7) 1/4" Male Push-On Fittings, 75' x 1/4" Nylon Tubing, (1) BAV020 Valve

ORDERING INFORMATION

PART NO.	MOUNT	STROKE	BORE	DIM A	DIM B	ROD DIA	FEATURES	WEIGHT	CAT.
A TGC25006V	CLEVIS	6	2.5	13.25	19.25	3/4"	V	6.10 lbs.	512 (N)
B TGC25006VSPK	CLEVIS	6	2.5	13.25	19.25	3/4"	V, SPK	10.10 lbs.	512 (N)
A TGC25008V	CLEVIS	8	2.5	15.25	19.25	3/4"	V	6.59 lbs.	512 (N)
A TGC25008VK	CLEVIS	8	2.5	15.25	19.25	3/4"	V, K	7.10 lbs.	512 (N)
B TGC25008VSPK	CLEVIS	8	2.5	15.25	19.25	3/4"	V, SPK	10.25 lbs.	512 (N)
A TGC32506V	CLEVIS	6	3.25	15.00	21.00	1"	V	9.00 lbs.	512 (N)
A TGC32506VK	CLEVIS	6	3.25	15.00	21.00	1"	V, K	10.25 lbs.	512 (N)
B TGC32506VSPK	CLEVIS	6	3.25	15.00	21.00	1"	V, SPK	13.75 lbs.	512 (N)
A TGC32508HM	HINGE	8	3.25	17.00	25.00	1"	HM	13.50 lbs.	512 (N)
A TGC32508HMKSA	HINGE	8	3.25	17.00	25.00	1"	HM, KSA	14.00 lbs.	512 (N)
A TGC32508V	CLEVIS	8	3.25	17.00	25.00	1"	V	10.50 lbs.	512 (N)
A TGC32508VKSA	CLEVIS	8	3.25	17.00	25.00	1"	V, KSA	11.50 lbs.	512 (N)
B TGC32508VSPK	CLEVIS	8	3.25	17.00	25.00	1"	V, SPK	13.10 lbs.	512 (N)

ABBREVIATION	FEATURES
V	Clevis Mount
HM	Hinge Mount
K	Manual Air Valve
KSA	Electric Solenoid
SPK	Cylinder Kit

COMPARABLE TAILGATE CYLINDERS

BUYERS	APSCO®*	TECHTRAN®*	VELVAC®*
TGC25006V	—	29-250X6	100004, 100123
TGC25008V	C-5070	29-250X8	100007, 100124
TGC32506V	C-6057	29-350X6	100006, 100131
TGC32508V	C-6089	29-350X8	100132, 100136, 100137

◆ see buyersproducts.com for a complete list of cylinders ◆

Custom Complete Tailgate Cylinder Kits

- Available by special order
- Contact customer service for more information

Air Valves (See our complete line on page H2-H3)



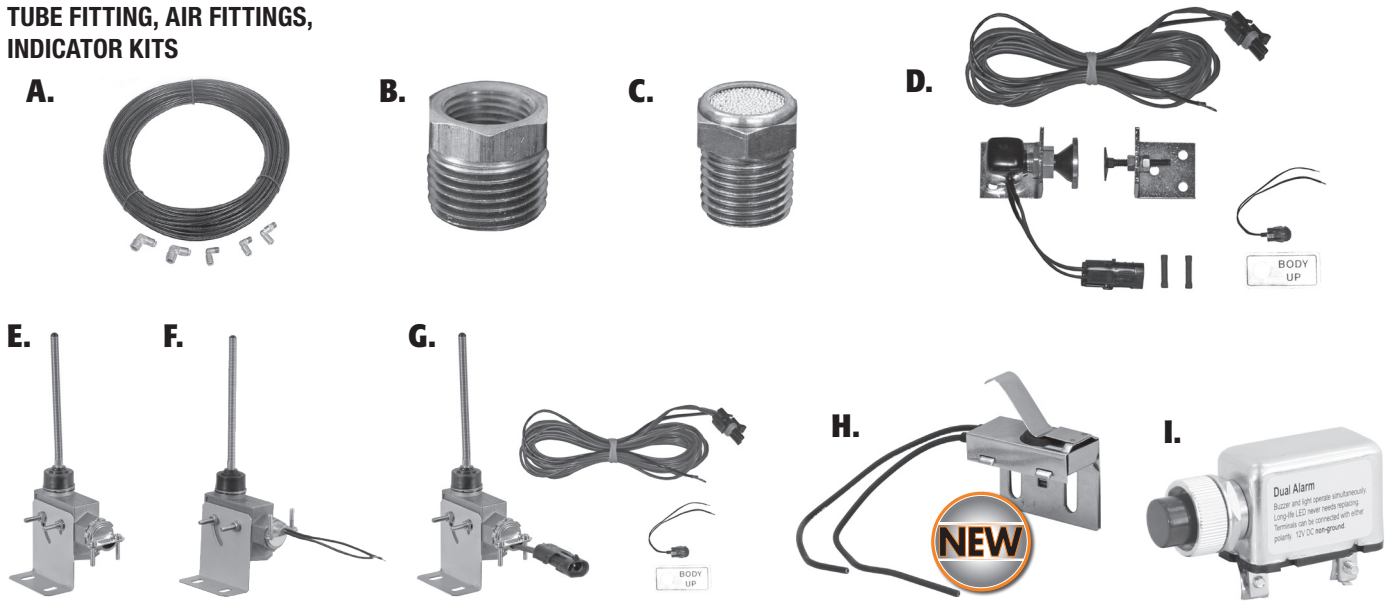
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
C BAV010	4-Way, 2-Position Air Valve 1/8" N.P.T. Ports	0.50 lbs.	645 (N)
D BAV020	4-Way, 3-Position Air Valve; 1/4" N.P.T. Ports	1.86 lbs.	645 (N)
E BAV015	4-Way, 3-Position Air Valve 1/4" N.P.T. Ports	0.67 lbs.	645 (N)
F BAV050SA	4-Way, 2-Position Solenoid Valve	1.21 lbs.	645 (N)
G BSW050	Push-Pull Switch, for use with BAV050SA	0.20 lbs.	645 (N)

*Buyers Products is not authorized by nor affiliated with the manufacturer of APSCO®, TECHTRAN®, or VELVAC® products.

DUMP BODY HARDWARE

TUBE FITTING, AIR FITTINGS, INDICATOR KITS



A. Nylon Tube and Fitting Installation Kit

TGC01TFK Kit contains:

- 1/4" x 100' D.O.T. approved nylon tube
- Two 1/4" x 1/8" brass elbows
- Two 1/4" x 1/4" push-in elbows
- One 1/4" x 1/8" swivel elbow

TGC02TFK Kit contains:

- 3/8" x 100' D.O.T. approved nylon tube
- Four 3/8" x 1/4" push-in elbows
- One 3/8" x 1/4" swivel elbow

These kits contain all material required to install 2 1/2" or 3 1/4" cylinders using the BAV010, BAV020 air valves

B. Reducer Bushings

- Brass Bushings

C. NPT Breather

- Pneumatic Breather Vent
- Max Pressure 150 PSI
- Max Temp 300 F
- 40 Microns

D. Body-Up Indicator Kits

- Tells the driver when the dump body is in the raised position
- Reduces the chance of overhead collisions with raised dump bodies
- Kit Includes: Weather Tight Switch, 20' Wiring Harness, Packard Weatherproof Connectors, Body and Chassis Mounting Brackets, Red Indicator Light and In-Cab Indicator Decal (SK12 includes buzzer light)

E.-G. Body-Up Indicator

- 360° Activation
- Water Resistant
- Includes Bracket & Wiring Plug
- Adjustable Wand
- 12 VDC, 15 AMPs
- Normally closed

H. Body-Up Indicator

- Water proof, IP68 rated
- 304 stainless steel housing with adj. mounts
- Operates in extreme temperatures: -40°F - 185° F
- 12-24 VDC, 1.17 AMPs
- Normally closed, no polarity
- 2-1/4"L x 7/8"W x 2-1/4"H
- Ideal for use with BL10 buzzer light

I. Buzzer Light

- Combination warning light & buzzer operate simultaneously for two way warning of hazardous conditions.
- 12 VDC, .2 AMPs
- Red lens, snaps out for easy bulb replacement. (bulb included)
- 70 DB at 3 ft.

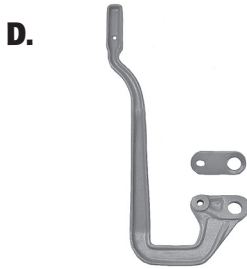
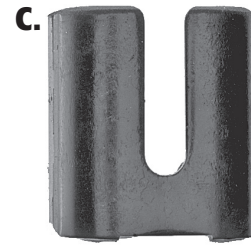
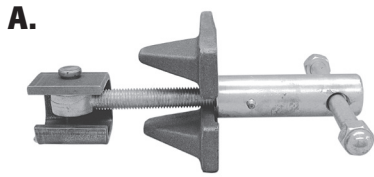
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A TGC01TFK	Tube and Fitting Installation Kit (1/4" tube)	2.50 lbs.	649 (N)
A TGC02TFK	Tube and Fitting Installation Kit (3/8" tube)	2.50 lbs.	649 (N)
B RAB038025	Brass 3/8" x 1/4" Reducer Bushing	0.04 lbs.	649 (N)
B RAB050038	Brass 1/2" x 3/8" Reducer Bushing	0.05 lbs.	649 (N)
C BAV01502	1/8" N.P.T. Breather	0.02 lbs.	649 (N)
C BAV02002	1/4" N.P.T. Breather	0.02 lbs.	649 (N)
D SK10	Body-Up Indicator Kit	1.40 lbs.	639 (N)
D SK12	Body-Up Indicator Kit with Buzzer Light	1.70 lbs.	639 (N)
E B95	Body-Up Indicator, 15 AMP	.80 lbs.	888 (N)
F B95W	Body-Up Indicator, prewired, 15 AMP	.80 lbs.	888 (N)
G SK11	Body-Up Indicator Kit, prewired with Packard connector, 15 AMP, w/ harness & light	1.11 lbs.	639 (N)
H B96W	Body-Up Indicator, prewired, 1.17 AMP	.20 lbs.	639 (N)
I BL10	Buzzer Light	.16 lbs	639 (N)

NEW

DUMP BODY HARDWARE

TAILGATE LATCH & LEVER



A. Tailgate Latch Assy.

- Bar assembly constructed of A-36 steel, w/ forged rod end & bracket for ease of use & strength of operation
- The latch assembly can be used to provide a seal for dump body and dump trailer tailgates

B. Welded Ring with Chain

- 1/4" stock 2 3/4" O.D. ring
- Use with tailgate release lever
- Available in plain, zinc, or stainless steel

C. Chain Latch

- Formed from 3/8" steel
- Provides a latch point for safety chains up to 3/8" in size

D. Tailgate Release Lever

- Ductile iron release lever slides over 1" dia. cross shaft & bolts to adapter plate for 2 point attachment
- Adapter is designed to weld to 1" dia. cross shaft to provide mounting point for L001 tailgate release lever

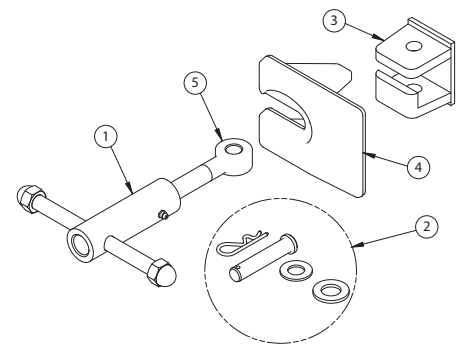
E. Tailgate Linkage Connecting Plate

- Stamped from 1/2" steel plate
- Other sizes available by special order

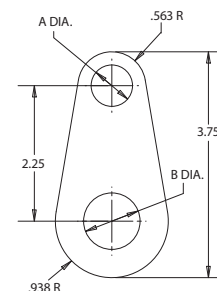
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A TGL3410ST	Steel Tailgate Latch Assy. w/ Forged Bracket & Clevis	10.30 lbs.	520 (N)
A TGL3410	Steel Tailgate Latch Assy. w/ Alum. Bracket & Clevis	6.00 lbs.	520 (N)
A TGL3410HDW ②	Hardware Kit for Tailgate Latches	0.40 lbs.	520 (N)
A TGL34BKTF ④	Forged Bracket, Tailgate Latch, Steel	3.00 lbs.	520 (N)
A TGL34BKT ④	Bracket, Tailgate Latch, Aluminum	1.60 lbs.	520 (N)
A TGL34CLCS ③	Cast Steel Clevis for Tailgate Latch	1.27 lbs.	520 (N)
A TGL34CL ③	Clevis for Aluminum Tailgate Latch	0.60 lbs.	520 (N)
A TGL34SB ①	Steel Bar Assy. (winder) for Tailgate Latch	2.40 lbs.	520 (N)
A TGL34SBR ①&⑤	Steel Latch Assy. for Tailgate Latch	3.40 lbs.	520 (N)
A B27028LMZ ⑤	Rod End Only, 3/4"-10 x 7 1/2"	1.05 lbs.	705 (N)
B 58R5	5 Links of Chain	0.26 lbs.	512 (N)
B 58R5SS	5 Links of Chain, Stainless Steel	0.28 lbs.	512 (N)
B 58R5Z	5 Links of Chain, Zinc	0.26 lbs.	512 (N)
B 58R6	6 Links of Chain, Zinc	0.40 lbs.	512 (N)
B 58R14	14 Links of Chain	0.57 lbs.	512 (N)
C CL375	Chain Latch	1.25 lbs.	512 (N)
D L001	Tailgate Release Lever	6.80 lbs.	512 (N)
D L001C	Tailgate Adapter Plate	0.70 lbs.	512 (N)

NEW
NEW



TGL3410/TGL3410ST (B)
see ① - ⑤ in Ordering Information for correct part number

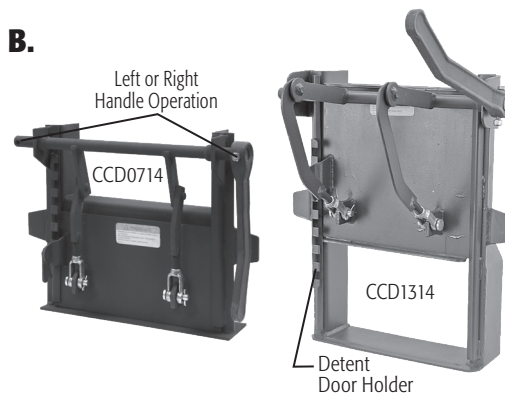
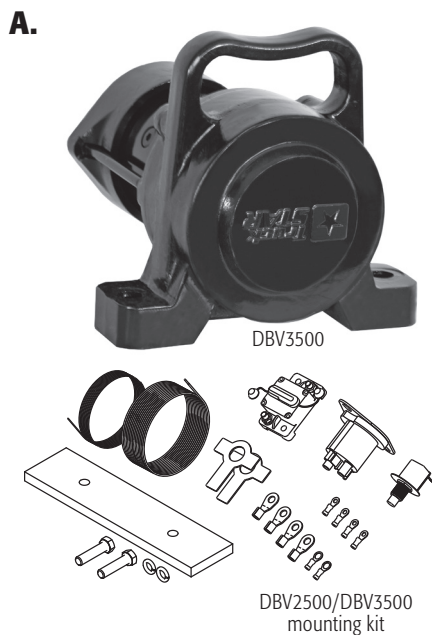


ORDERING INFORMATION

PART NO.	A DIA.	B DIA.	WEIGHT	CAT.
E TGCAM0001	5/8"	1 1/4"	0.60 lbs.	512 (N)
E TGCAM0002	1/2"	1"	0.60 lbs.	512 (N)
E TGCAM0003	5/8"	1"	0.60 lbs.	512 (N)
E TGCAM0004	1/2"	1 1/4"	0.60 lbs.	512 (N)

DUMP BODY HARDWARE

VIBRATORS, INSPECTION DOORS, SHOVEL HOLDER



A. Dump Body Vibrators

- O-Ring sealed for weather resistance
- Sealed, permanently lubricated bearings
- Hardened steel motor shaft
- Light weight, aluminum housing for ease of installation with less corrosion

Mounting Kit includes:
50' 4AWG wire, solenoid, circuit breaker, push-button switch, steel mounting plate with fasteners (DBV2500 & DBV3500)

B. Inspection Doors

- Designed to be welded into dump body tailgates
- Adjustable door travel clevis & door linkage
- Bolt-on cast iron door handle interchanges for left or right hand operation
- Over-center positive locking handle
- Detent door holder (or positioner)
- Durable carbon steel construction
- Individually boxed
- CCD0714: for 1-ton to super-duty dumps
- CCD1314: for medium & heavy class dumps
- Plain finish for easy installation

C. Shovel Holder

- HD spring mechanism secures shovel or other round handled tool
- Ideal for dump body applications
- Stainless Steel or Carbon Steel with Black Powder Coat finish

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A DBV2500	2,500 lbs. Force 12VDC Vibrator for 9' - 12' Dumps, with mounting kit	60.00 lbs.	555 (Y)
A DBV3500	3,500 lbs. Force 12VDC Vibrator for 13'+ Dumps, with mounting kit	60.00 lbs.	555 (Y)
A 3022840	15 Second Vibrator Timer	0.10 lbs.	555 (Y)
A 3009253	Alum. Vibrator Mounting Plate for Alum. Dump Bodies	3.50 lbs.	520 (N)
B CCD0714	Inspection Door w/detent, 7¼"T x 13¾"W Door opening	37.00 lbs.	512 (N)
NEW 3015862	Replacement Handle for CCD0714	3.00 lbs.	512 (N)
B CCD1314	Inspection Door w/detent, 12-3/8"T x 13½"W Door opening	37.00 lbs.	512 (N)
NEW 3015863	Replacement Handle for CCD1314	2.76 lbs.	512 (N)
C SH675	Shovel Holder, Carbon Steel Black Powder Coat Finish	2.75 lbs.	520 (N)
C SH675SS	Shovel Holder, Stainless Steel	2.75 lbs.	520 (N)

A.

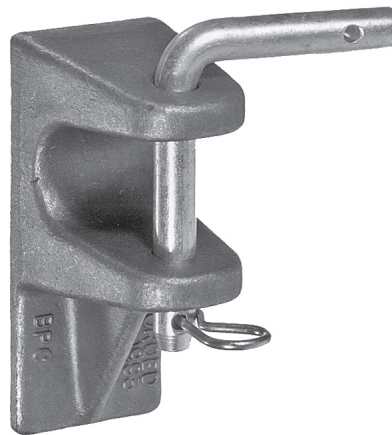


A. Drop Forged Lower Hinge Assembly

- Heavy-duty forged latch
- For 1" & 1¼" dia. tailgate posts
- Bases are forged from C1020 steel for ease of welding
- Movable latch is forged from C1045 steel for increased strength
- Forged latches offer improved ductility not found in cast products
- New thicker rib design

Custom pin holes & grease fittings are available as special orders

B.



B. Drop Forged Upper Tailgate Bracket

- Bracket comes complete with ½" diameter "L" pin and hairpin cotter
- Is available for use with 1¼" and 1½" diameter tailgate posts

C.



C. Banjo Eyes

- Available in stamped steel
- For dump tailgates and various load securing applications
- Other thicknesses and configurations available by special order

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BTL020B2	2½" wide Lower Hinge Assy., (1/2" pin hole) for 1" dia. post	6.00 lbs.	512 (N)
A BTL030B2	2½" wide Lower Hinge Assy., (1/2" pin hole) for 1¼" dia. post	6.00 lbs.	512 (N)
A BTL030B656	2½" wide Lower Hinge Assy., (21/32" pin hole) for 1¼" dia. post	6.00 lbs.	512 (N)
A BTL030M2	4" wide Lower Hinge Assy., (1/2" pin hole) for 1¼" dia. post	6.85 lbs.	512 (N)
B BTB030	Fits 1¼" dia. Tailgate Posts	3.10 lbs.	512 (N)
B BTB040	Fits 1½" dia. Tailgate Posts	3.00 lbs.	512 (N)
C TGBE3125	Banjo Eye, Steel (for 5/16" chain), 3.56" x 3.5" x 5/16"	.87 lbs.	512 (N)
C TGBE3138	Banjo Eye, Steel (for 3/8" chain), 3.56" x 3.5" x 5/16"	.78 lbs.	512 (N)

REPLACEMENT PARTS & ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
B284001	½" Tailgate Pin Replacement, Zinc	.35 lbs.	520 (N)
HP10	⅛" Hairpin Cotter Replacement, Zinc	.04 lbs.	520 (N)

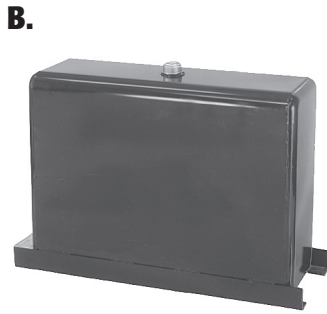
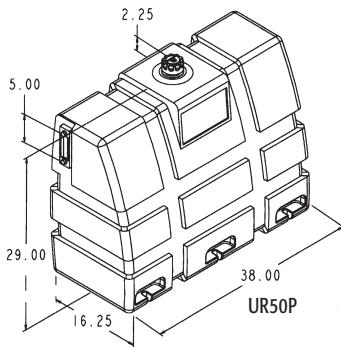
HYDRAULICS

UPRIGHT HYDRAULIC RESERVOIRS



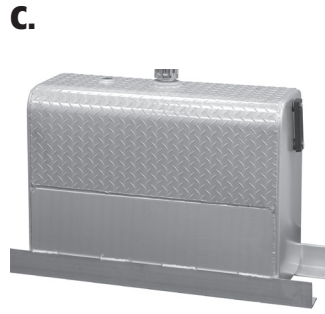
A. Upright Polymer Reservoir

- Extra large capacity reservoir (55 gallon)
- Constructed from rugged reinforced polyethylene
- Features Include:
 - dual 2" NPT field serviceable port, heavy-duty strapless hold down system, powder coated steel mounting saddle, screw-in diffuser (2" to 1 1/4"), sight temperature gauge, heavy-duty chain mounted 40 micron filler breather cap



B. Upright Steel Reservoir

- Sturdy 12 gauge steel construction
- Fully baffled
- Includes a 1/4 turn filler breather unit and domed vent
- Includes hardware mounting kit, sight temp., level gauge.



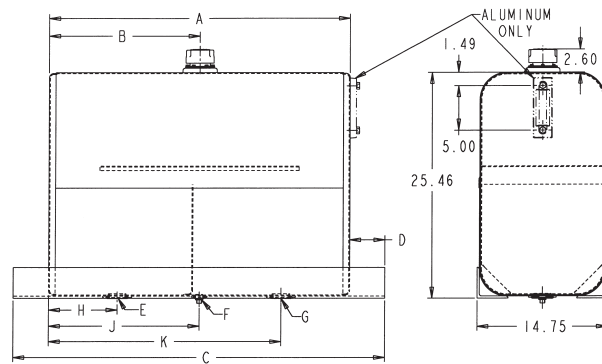
C. Upright Aluminum Reservoir

- High-quality aluminum construction
- Features Include:
 - Full internal baffle, chrome breather cap, chrome filler cap, sight temperature gauge, diamond tread finish
- Includes hardware mounting kit



D. Steel Bulkhead Reservoir

- 26"H x 42"L x 8-1/2"D
- 12 Gauge, black powder coated, steel
- 10 or 25 micron in-tank return-line filter
- (2) 2", NPTF suction ports (on each side) with (1) 100 mesh (150 micron) stainless steel strainer
- Internal baffles
- Nylon filler strainer-breather cap with internal shield and 30 mesh (500 micron) strainer
- 1" built-in sight gauge, standard, with ports for optional LDR02 sight-temperature gauge
- (2) 0.824" diameter for through-tank mounting bolts
- 5/8" chain lifting loop
- Ideal for mechanics trucks with hydraulic cranes, outriggers, and compressors



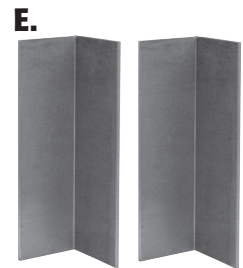
PART NO.	A	B	C	D	E	F	G	H	J	K
UR50S	34.00	17.00	42.00	4.00	1-1/4"NPT	3/4"NPT	2"NPT	7.75	17.00	26.25
UR70S	49.25	24.62	53.75	2.25	1-1/4"NPT	3/4"NPT	2"NPT	16.62	24.62	32.62
UR50A	34.00	17.00	42.00	4.00	1-1/2"NPT	1/2"NPT	1-1/2"NPT	7.75	17.00	26.25
UR70A	49.25	24.62	53.25	2.00	1-1/2"NPT	1/2"NPT	1-1/2"NPT	16.62	24.62	32.62

ORDERING INFORMATION

PART NO.	DESCRIPTION	USABLE CAPACITY	WEIGHT	CAT.
A UR50P	50 Gallon Polymer Reservoir	50-55 gal.	102 lbs.	638 (N)
B UR50S	50 Gallon Steel Reservoir	50.0 gal.	157 lbs.	638 (N)
B UR70S	70 Gallon Steel Reservoir	67.5 gal.	206 lbs.	638 (N)
C UR50A	50 Gallon Aluminum Reservoir	50.0 gal.	58 lbs.	638 (N)
C UR70A	70 Gallon Aluminum Reservoir	67.5 gal.	73 lbs.	638 (N)
D BH36SF10	36 Gallon Steel Bulkhead Reservoir w/ 10 Micron Filter	30.0 gal.	132 lbs.	638 (N)
D BH36SF25	36 Gallon Steel Bulkhead Reservoir w/ 25 Micron Filter	30.0 gal.	132 lbs.	638 (N)

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
E UR50FB	Upright Frame Bracket Kit, for use with UR50S & UR50A	8.0 lbs.	120 (N)
F UR50MK	Upright Tank Spring Kit, for use with UR50S & UR50A	1.6 lbs.	638 (N)

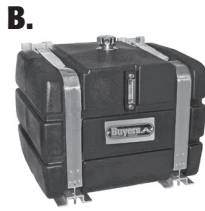


IMPORTANT - All new machinery and components contain a certain amount of built in contamination. Flushing components during assembly reduces contamination but never eliminates it. It is essential that new equipment has an off-load period of "running in" to allow the filter to remove contaminants.



A. Side Mount Polymer Reservoir

- Heavy-duty poly (.375" min. thickness)
- Raised anti-slosh fill neck w/ 1/4 turn 40 micron chrome filler cap
- Fluid sight level/thermometer gauge
- Fully baffled for use with Central Hydraulic Systems
- Hardware & brackets included
- Can be shipped U.P.S.



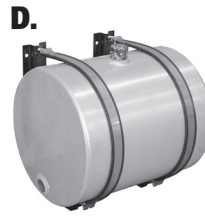
B. Side Mount Polymer Reservoir

- Heavy-duty poly (.375" min. thickness)
- Raised anti-slosh fill neck w/ 1/4 turn 40 micron chrome filler cap
- Fluid sight level/thermometer gauge
- Easily adapts to 2 or 3 lines for most dump trailer applications
- Hardware & brackets included



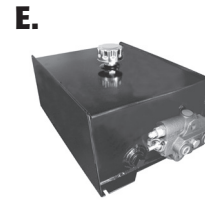
C. Side Mount Steel Reservoir

- 13 gauge steel construction
- Fully baffled
- 2" NPT return port/drain on bottom
- Fluid sight level/thermometer gauge
- Includes a 1/4 turn filler breather unit
- Brackets sold separately
- Fluid sight level/thermometer gauge



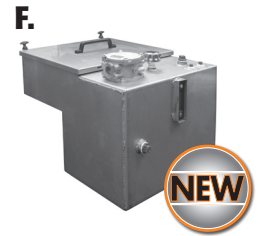
D. Side Mount Round Aluminum Reservoir

- 2" NPT suction return/ports on ends
- 1/2" NPT port/drain on bottom
- Includes a 1/4 turn filler breather unit with bracket strainer
- 11 gauge shell .118 thick, 12 gauge heads .100 thick
- Brackets & 24" insulators are included



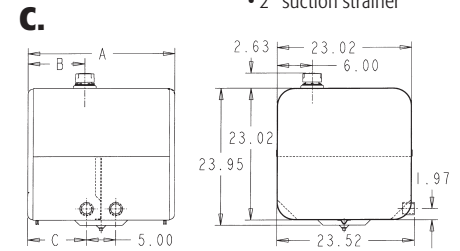
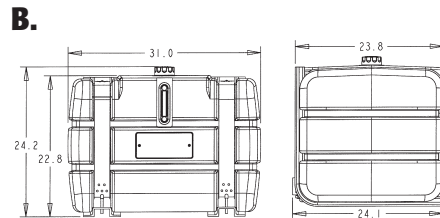
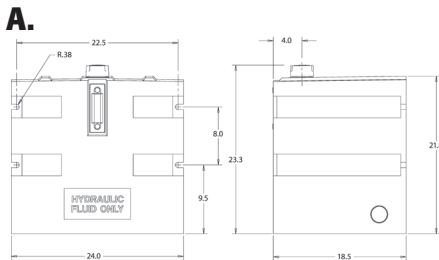
E. Frame Mount Steel Reservoir

- HD 7/11 gauge steel construction
- Black powder coat finish
- Mounts behind cab, between frame rails
- Fully-baffled 8 gallon reservoir includes hydraulic valve (cable or air operated) for dump bed operation
- Compact, low-profile design

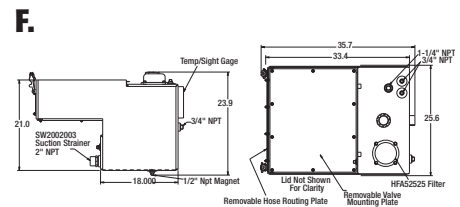
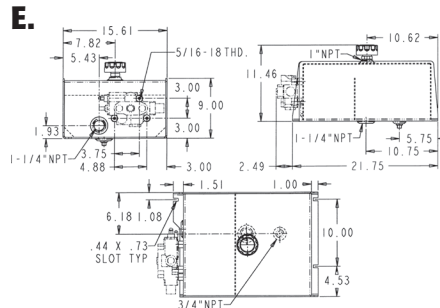
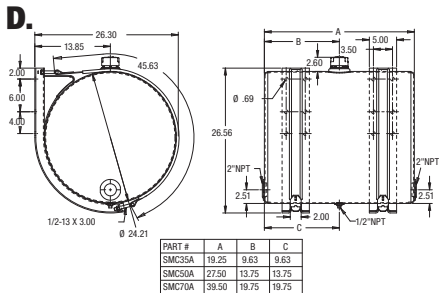


F. Stainless Steel Reservoir w/Valve Enclosure

- Nominal 32 gal. capacity
- 3/4", 1", & 1-1/4" NPT return ports on front
- 1-1/4" NPT port on front
- 2" NPT suction port
- 3/4" NPT load sense port on top, inside enclosure
- 10 gauge, 304 stainless steel
- 50 GPM tank mounted return line filter, 1-1/4 port
- Water resistant valve enclosure, with removable valve mounting plate and removable hose routing plate
- 2" suction strainer



PART #	A	B	C
SMS50S	25.00	9.63	10.00
SMS70S	35.00	14.63	15.00



ORDERING INFORMATION

PART NO.	DESCRIPTION	USABLE CAPACITY	WEIGHT	CAT.
A SMR25P	25 Gallon Side Mount Poly Reservoir	25.0 gal.	43.00 lbs.	638 (N)
B SMR50P	50 Gallon Side Mount Poly Reservoir	37.0 gal.	76.00 lbs.	638 (N)
C SMS50S	50 Gallon Side Mount Steel Reservoir	44.0 gal.	108.00 lbs.	638 (N)
C SMS70S	70 Gallon Side Mount Steel Reservoir	61.0 gal.	134.00 lbs.	638 (N)
D SMC35A	35 Gallon Side Mount Aluminum Reservoir	29.0 gal.	74.00 lbs.	638 (N)
D SMC50A	50 Gallon Side Mount Aluminum Reservoir	42.0 gal.	77.00 lbs.	638 (N)
D SMC70A	70 Gallon Side Mount Aluminum Reservoir	60.0 gal.	83.50 lbs.	638 (N)
E FMR8S	8 Gal. Frame Mount Steel Reservoir	6.0 gal.	60.50 lbs.	638 (N)
E FMR8S3W	8 Gal. Steel Reservoir, Power Up / Gravity Down	6.0 gal.	73.58 lbs.	638 (N)
E FMR8S3WPB	8 Gal. Steel Reservoir, Power Up / Gravity Down w/Power Beyond	6.0 gal.	74.50 lbs.	638 (N)
E FMR8S4W	8 Gal. Steel Reservoir, Power Up / Power Down	6.0 gal.	75.75 lbs.	638 (N)
E FMR8S4WPB	8 Gal. Steel Reservoir, Power Up / Power Down w/Power Beyond	6.0 gal.	75.54 lbs.	638 (N)
F SMR30VESS	30 Gal. Stainless Steel Reservoir w/ Valve Enclosure	23.0 gal.	264.00 lbs.	638 (N)
G SMS005BK	Side Mount Bracket Kit, for SMS50S & SMS70S	-	49.10 lbs.	120 (N)

NEW

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HYDRAULICS

HYDRAULIC RESERVOIRS w/ INTEGRAL BRACKETS



A. 7 Gallon Reservoir

- 10 & 12 Gauge steel, factory powder coated
- 3/4" screen in breather cap
- 3/4" magnetic drain plug
- 1 1/4" suction ports
- 1" return ports
- Low profile design allows for use in small areas
- All sides of the reservoir are ported, allowing for multiple position mounting

B. 15 Gallon Reservoir

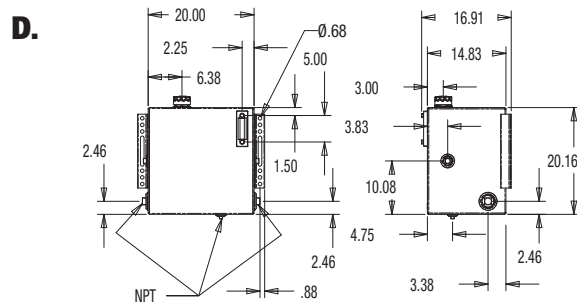
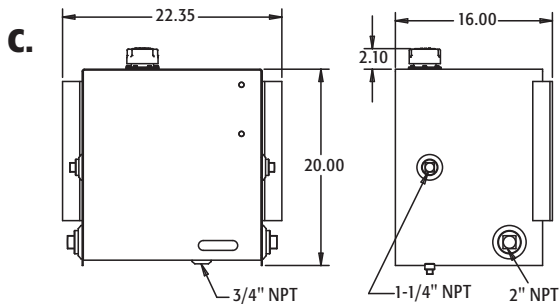
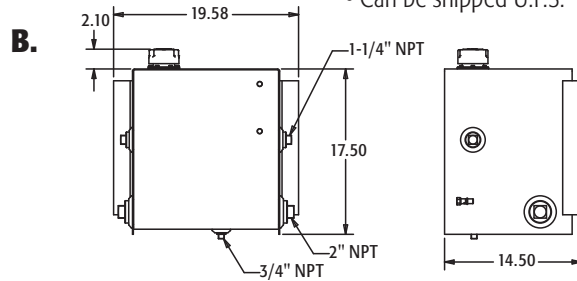
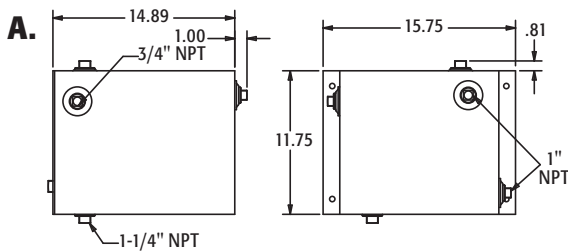
- 13 gauge H.R.P.O. steel, factory powder coated
- Welded mounting angles
- 1/4 turn chrome filler breather w/ basket strainer
- Oil level gauge with temperature indicator
- Interior baffle between suction and discharge
- Large 2" NPT suction ports
- Magnetic drain plug
- Fully tested
- Can be shipped U.P.S.

C. 25 Gallon Reservoir

- 13 gauge H.R.P.O. steel, factory powder coated or 14 gauge 304 Stainless Steel
- Welded mounting angles
- 1/4 turn chrome filler breather w/ basket strainer
- Oil level gauge with temperature indicator
- Interior baffle between suction and discharge
- Large 2" NPT suction ports
- Magnetic drain plug
- Fully tested
- Can be shipped U.P.S.

D. 25 Gallon Reservoir

- shown w/ filter installed
- 13 gauge H.R.P.O. steel, factory powder coated
 - Welded mounting angles
 - 1/4 turn chrome filler breather w/ basket strainer
 - Oil level gauge with temperature indicator
 - Interior baffle between suction and discharge
 - Large 2" NPT suction ports
 - Magnetic drain plug
 - Fully tested
 - Pre drilled for tank mounted filter, included w/ HFA91025 or HFA92525 (shipped separately)
 - Can be shipped U.P.S.

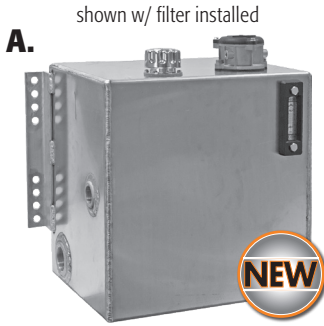


ORDERING INFORMATION

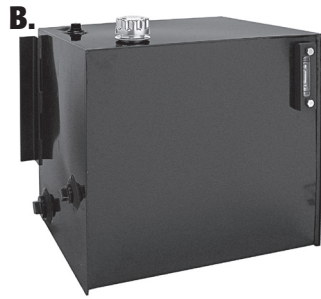
PART NO.	DESCRIPTION	USABLE CAPACITY	WEIGHT	CAT.
A SMR7S	7 Gal. Reservoir, Steel	7.0 gal.	36 lbs.	638 (N)
B SMR15S	15 Gal. Reservoir, Steel	11.0 gal.	60.5 lbs.	638 (N)
NEW B SMR15SS	15 Gal. Reservoir, Stainless Steel	11.0 gal.	60.0 lbs.	638 (N)
NEW B SMR15SSF10	15 Gal. Reservoir, Stainless Steel, w/ 10 Micron Filter	11.0 gal.	62.0 lbs.	638 (N)
NEW B SMR15SSF25	15 Gal. Reservoir, Stainless Steel, w/ 25 Micron Filter	11.0 gal.	62.0 lbs.	638 (N)
C SMR25S	25 Gal. Reservoir, Steel	18.0 gal.	71.0 lbs.	638 (N)
NEW D SMR25SF10	25 Gal. Reservoir, Steel, w/ 10 Micron Filter	18.0 gal.	73.0 lbs.	638 (N)
NEW D SMR25SF25	25 Gal. Reservoir, Steel, w/ 25 Micron Filter	18.0 gal.	73.0 lbs.	638 (N)

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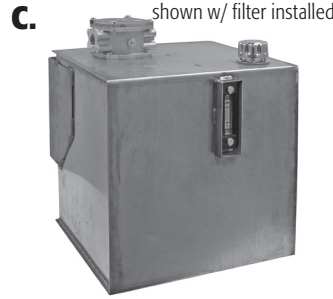
HYDRAULIC RESERVOIRS w/ INTEGRAL BRACKETS



- C. 25 Gallon Reservoir, Aluminum**
- .125 thick smooth aluminum
 - Aluminum welded mounting angles
 - 1/4 turn chrome filler breather w/ basket strainer
 - Oil level gauge with temperature indicator
 - Interior baffle between suction and discharge
 - Large 2" NPT suction ports, 1-1/4" NPT return port
 - Magnetic drain plug
 - Fully tested
 - Pre drilled for tank mounted filter, included w/ HFA91025 or HFA92525 (shipped separately)
 - Can be shipped U.P.S.



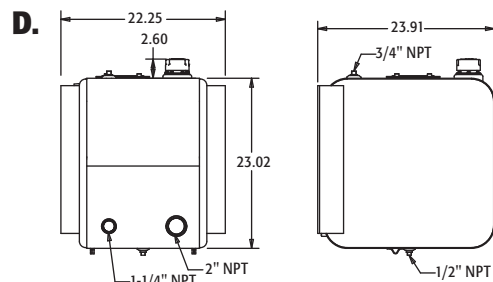
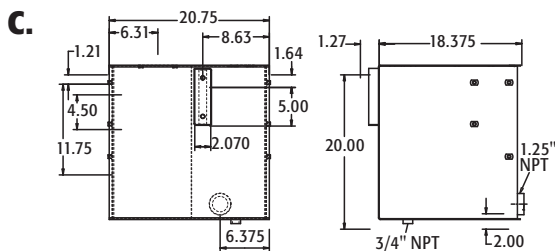
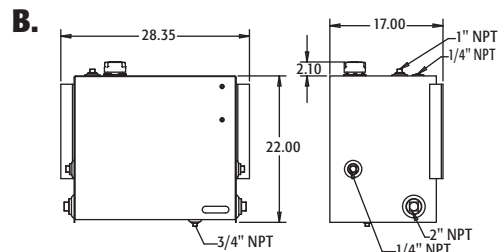
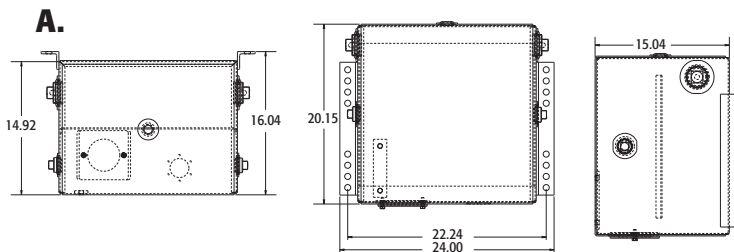
- B. 30 Gallon Reservoir, Steel**
- 13 Gauge H.R.P.O. steel, factory painted or primed
 - Welded mounting angles
 - 1/4 turn chrome filler breather w/ basket strainer
 - Oil level gauge with temperature indicator
 - Interior baffle between suction and discharge
 - Large 2" NPT suction ports
 - Magnetic drain plug
 - Fully tested
 - Top drain port
 - Port to accommodate breather monitor kit & fluid level gauge



- C. 30 Gallon Reservoir, Stainless Steel**
- .090 thick 316 stainless steel
 - Welded carbon steel mounting brackets
 - 1/4 turn chrome filler breather w/ basket strainer
 - Oil level gauge with temperature indicator
 - Interior baffle between suction and discharge
 - 1-1/4" NPT suction port
 - Magnetic drain plug.
 - Fully tested
 - Pre drilled for tank mounted filter, included w/ SMR30SS10 or SMR30SS25 (shipped separately)
 - Can be shipped UPS



- D. 37 Gallon Reservoir**
- 12 gauge H.R.P.O. steel, painted flat black
 - Welded mounting angles
 - ¼ turn chrome filler breather w/ wire basket strainer
 - Site level gauge
 - Interior baffle between suction and discharge
 - Large 2" NPT suction port & 1¼" NPT return
 - Magnetic drain plug w/ sump
 - Fully tested
 - ¾" NPT load sensing pump drain port
 - Clean out cover standard
 - Accepts tank mounted return filters & strainers



ORDERING INFORMATION

PART NO.	DESCRIPTION	USABLE CAPACITY	WEIGHT	CAT.
A SMR25AF10	25 Gal. Reservoir, Aluminum, w/ 10 Micron Filter	18.0 gal.	43 lbs.	638 (N)
A SMR25AF25	25 Gal. Reservoir, Aluminum, w/ 25 Micron Filter	18.0 gal.	43 lbs.	638 (N)
B SMR30S	30 Gal. Reservoir, Steel	30.0 gal.	84 lbs.	638 (N)
C SMR30SS	30 Gal. Reservoir, Stainless Steel	30.0 gal.	74 lbs.	638 (N)
C SMR30SS10	30 Gal. Reservoir, Stainless Steel, w/ 10 Micron Filter	30.0 gal.	82 lbs.	638 (N)
C SMR30SS25	30 Gal. Reservoir, Stainless Steel, w/ 25 Micron Filter	30.0 gal.	82 lbs.	638 (N)
D SMR37S	37 Gallon Reservoir, Steel	37.0 gal.	103 lbs.	638 (N)

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NEW
NEW

HYDRAULICS

FLANGES

A.



A. Stamped Welding Flange

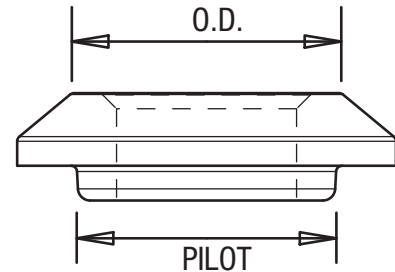
B.



B. Forged Welding Flange

ORDERING INFORMATION

	PART NO.	SIZE / MATERIAL	O.D.	PILOT	THICK-NESS	WEIGHT per 100	CAT.
A	FA025	¼" Aluminum	1.770"	.600"	.134"	4 lbs.	629 (N)
A	FA038	⅜" Aluminum	1.770"	.755"	.134"	4 lbs.	629 (N)
A	FA050	½" Aluminum	1.780"	.930"	.134"	4 lbs.	629 (N)
A	FA075	¾" Aluminum	2.350"	1.135"	.134"	7 lbs.	629 (N)
A	FA100	1" Aluminum	2.360"	1.385"	.134"	7 lbs.	629 (N)
A	FA125	1¼" Aluminum	2.868"	1.740"	.134"	8 lbs.	629 (N)
A	FA150	1½" Aluminum	3.25"	1.75"	.55"	10 lbs.	629 (N)
A	FA200	2" Aluminum	3.81"	2.22"	.81"	12 lbs.	629 (N)
A	FS012	⅛" Steel	1.680"	.480"	.134"	9 lbs.	629 (N)
A	FS025	¼" Steel	1.770"	.755"	.134"	9 lbs.	629 (N)
A	FS038	⅜" Steel	1.770"	.755"	.134"	9 lbs.	629 (N)
A	FS050	½" Steel	1.780"	.930"	.134"	9 lbs.	629 (N)
A	FS075	¾" Steel	2.350"	1.135"	.134"	15 lbs.	629 (N)
A	FS100	1" Steel	2.360"	1.385"	.134"	15 lbs.	629 (N)
A	FS125	1¼" Steel	2.868"	1.740"	.134"	18 lbs.	629 (N)
A	FS150	1½" Steel	3.658"	1.958"	.118"	30 lbs.	629 (N)
A	FS200	2" Steel	3.705"	2.455"	.118"	30 lbs.	629 (N)
A	FSSW025	¼" Stainless Steel	1.738"	.620"	.134"	8.0 lbs.	629 (N)
A	FSSW038	⅜" Stainless Steel	1.738"	.755"	.134"	8.2 lbs.	629 (N)
A	FSSW050	½" Stainless Steel	1.740"	.910"	.134"	8.7 lbs.	629 (N)
A	FSSW075	¾" Stainless Steel	2.355"	1.110"	.134"	9.4 lbs.	629 (N)
A	FSSW100	1" Stainless Steel	2.317"	1.370"	.134"	10.0 lbs.	629 (N)
A	FSSW125	1¼" Stainless Steel	2.847"	1.745"	.134"	10.6 lbs.	629 (N)
A	FSSW150	1½" Stainless Steel	3.240"	1.958"	.134"	11.3 lbs.	629 (N)
B	FDF012	⅛" Forged Steel	1.312"	1.312"	–	10 lbs.	629 (N)
B	FDF025	¼" Forged Steel	1.312"	1.312"	–	9 lbs.	629 (N)
B	FDF038	⅜" Forged Steel	1.312"	1.937"	–	7 lbs.	629 (N)
B	FDF050	½" Forged Steel	1.625"	1.125"	–	12 lbs.	629 (N)
B	FDF075	¾" Forged Steel	1.937"	1.375"	–	19 lbs.	629 (N)
B	FDF100	1" Forged Steel	2.25"	1.687"	–	29 lbs.	629 (N)
B	FDF125	1¼" Forged Steel	2.562"	2"	–	33 lbs.	629 (N)
B	FDF150	1½" Forged Steel	2.812"	2.25"	–	37 lbs.	629 (N)
B	FDF200	2" Forged Steel	3.375"	2.625"	–	51 lbs.	629 (N)
B	FDF250	2½" Forged Steel	4.062"	3.156"	–	110 lbs.	629 (N)
B	FDF300	3" Forged Steel	4.625"	3.656"	–	126 lbs.	629 (N)
B	FDF400	4" Forged Steel	5.812"	4.719"	–	212 lbs.	629 (N)





A. Reservoir Cleanout Filter Flange Assembly

- Assembly provides access for reservoir cleaning and internal suction strainer
- Flange only provides mounting surface for tank mounted return filter

B. - C. Magnetic Drain Plug

- 3/4" NPT Port
- Square head plug (PPM12)
- Square socket plug (PPM08 & PPM16)

D. Filter Element Monitoring Kit

- Dash mounted indicator light indicates when element is dirty
- Enables driver to monitor element condition under working conditions
- Pressure switch is preset at 15 PSI or 25 PSI

E. Oil Level Gauge with Temperature Indicator

- Heavy aluminum cast body construction
- 1/2"-13 Threads
- 5" on center

F. Oil Level Gauge with Temp. Indicator

- Polycarbonate body/window
- 1/2"-13 Threads
- 5" on center

G. Filler Breather Weld Flange Adaptor

- 12 gauge flange
- Welds to the top of reservoirs to adapt to most standard filler breather units
- Provides 1" rise

H. Filler-Strainer Breather Cap Assy.

- Contains 1/4 turn chrome filler breather (40 micron) cap w/ chain
- "Hydraulic fluid only" stamped on cap
- 6 self tapping screws
- 1 30 mesh (500 micron) strainer basket
- 1 mounting flange w/ 2 gaskets

I. Breather Cap Assembly

- Rust-Free poly breather cap assembly
- 1/4 Turn filler/breather (40 micron) cap w/ chain
- "Hydraulic Fluid Only" on cap
- 6 self-tapping screws
- 1 30 mesh (500 micron) strainer basket
- 1 Mounting flange w/ 2 - Rubber gaskets
- High impact technopolymer construction
- Temperature range: -22° F to +240°F
- Displacement: 192 GPM

J. Push-In Type Breather Cap

- Acts as ventilator to provide a free flow of clean, fresh air into hydraulic fluid, fuel, oil, chemical & coolant tanks or reservoirs
- Large oil resistant filter elements filter dirt & dust particles as small as 40 micron

K. Breather Cap

- Acts as ventilator to provide a free flow of clean, fresh air into hydraulic fluid, fuel, oil, chemical & coolant tanks or reservoirs
- Large oil resistant filter elements filter dirt & dust particles as small as 40 micron

L. Buzzer Light

- Warning light & buzzer operate simultaneously for 2-way warning
- For 12 VDC electrical systems.
- Red lens, snaps out for easy bulb replacement. (bulb included)
- 0.2 AMPS max draw
- 70 DB at 3 ft.

ORDERING INFORMATION

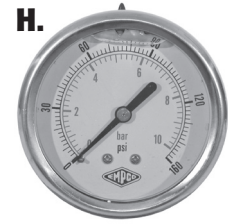
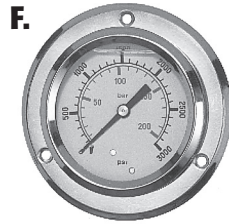
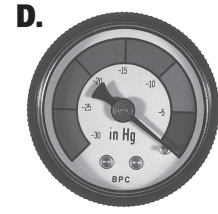
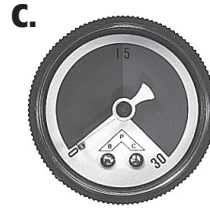
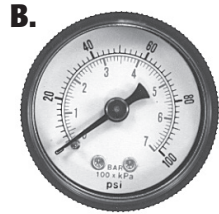
PART NO.	DESCRIPTION	WEIGHT	CAT.
A CPA56	Filter Flange Assembly	2.88 lbs.	635 (N)
A HFF56	Filter Flange	1.36 lbs.	635 (N)
A CP56	Cover Plate	1.49 lbs.	635 (N)
A 3005534	Gasket	.12 lbs.	635 (N)
B PPM08	1/2" Magnetic Pipe Plug, Square Socket	.12 lbs.	627 (N)
B PPM12	3/4" Magnetic Pipe Plug, Square Head	.19 lbs.	627 (N)
C PPM16	1" Magnetic Pipe Plug, Square Socket	.50 lbs.	627 (N)
D PSK15	Filter Element Monitor - 15 PSI	1.00 lbs.	639 (N)
D PSK25	Filter Element Monitor - 25 PSI	1.00 lbs.	639 (N)
E LDR02	Oil Level Gauge with Temperature Indicator, Glass	.65 lbs.	630 (N)
F LDR04	Oil Level Gauge w/ Temperature Sight Gauge	.65 lbs.	630 (N)
G TAF001	Filler Breather Weld Flange Adaptor, Steel	.61 lbs.	638 (N)
G TAF001A	Filler Breather Weld Flange Adaptor, Aluminum	.22 lbs.	638 (N)
H TFA005715	Filler-Strainer Breather Cap Assy.	.56 lbs.	635 (N)
H TFA005715L	Filler-Strainer Breather Cap Assy. w/ Locking Tab	.56 lbs.	635 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
H BC40	Filler-Strainer Breather Cap Assy. w/ Plastic Basket	.74 lbs.	635 (N)
H TC0015	Filler Breather Replacement Cap w/ Chain	.33 lbs.	635 (N)
I TFA005715L	Filler-Strainer Breather Cap Assy. w/ Locking Tab	.56 lbs.	635 (N)
J BECO61A	Push-In Type Breather Cap for 1 1/2" O.D. Tube, Chrome	.24 lbs.	635 (N)
J BECO61AB	Push-In Type Breather Cap for 1 1/2" O.D. Tube, Black (Heavy-Duty)	.24 lbs.	635 (N)
K HBF2	Breather Cap 1/8" NPT	.20 lbs.	635 (N)
K HBF4	Breather Cap 1/4" NPT	.15 lbs.	635 (N)
K HBF6	Breather Cap 3/8" NPT	.17 lbs.	635 (N)
K HBF8	Breather Cap 1/2" NPT	.29 lbs.	635 (N)
K HBF12	Breather Cap 3/4" NPT	.54 lbs.	635 (N)
K HBF12P	Breather Cap 3/4" NPT Plastic	.04 lbs.	635 (N)
K HBF16	Breather Cap 1" NPT	.70 lbs.	635 (N)
L BL10	Buzzer Light	.16 lbs.	639 (N)

HYDRAULICS

GAUGES SENSOR KITS



A. Sight Level Gauge

- Zinc plated
- Rated at 125 PSI / 250°

B. - C. Pressure Gauge

- 1/8-27 NPTF ports
- Available with white dial 0-100 PSI dual scale or 0-30 PSI red/ green dial

D. Vacuum Gauge

- 1/8-27 NPTF ports
- Multicolored dial 0 to 30 in. Hg

E. - H. Glycerin Filled Pressure Gauge

- 2 1/2" diameter stainless steel case & bezel
- Spiral bourdon tube over 600 PSI
- Built in relief valve
- Dual scale; Accuracy ± 1.6% full scale
- Deflection center 40% of scale, otherwise 2% FSD
- Standard stem is 1/4 NPT

I. Pressure Switches

- Preset at 15 PSI (PS15)
- Preset at 25 PSI (PS25)
- Proof 350 PSI
- Normally Open (SPST)
- 1/8" NPT

J. Pressure Switch

- PS2575:**
- Adjustable Range 25-75 PSI
 - Proof 1000 PSI
 - Open or Closed (SPDT)
 - 1/8" NPT
- PS2501K:**
- Adj. Range 250-1,000 PSI
 - Proof 9,000 PSI
 - 1/4" NPT

K. - L. Oil Level Sensor Kits

- Provides operator with an in cab monitoring light, indicating when oil is low
- Requires a 1" NPT port in reservoir top
- Indicator light presses into any 1/2" diameter hole
- Installs in minutes
- Kit contains: 1 Electric Fluid Level Switch, 1 B272332 Light (Red), 1 E79855 Fuse, 2 E11 Insulate Female disconnect, 4 E421005 FXF Connector, 1 E22D Decal - "Hydraulic Fluid Low"

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A HSG075	3/4" NPT Sight Level Gauge	0.10 lbs.	630 (N)
A HSG100	1" NPT Sight Level Gauge	0.20 lbs.	630 (N)
A HLLG1	5" Hydraulic Liquid Level Gauge, 1/2"-13 NC thd.	0.18 lbs.	630 (N)
B HSP15P	Pressure Gauge	0.70 lbs.	630 (N)
C BTI15P	Pressure Gauge	0.70 lbs.	630 (N)
D HSP15V	Vacuum Gauge 1 1/2" dial with 1/8" NPT Stem	0.70 lbs.	630 (N)
E HPGS100	Stem Mount 0-100 PSI	0.50 lbs.	630 (N)
E HPGS160	Stem Mount 0-160 PSI	0.50 lbs.	630 (N)
E HPGS200	Stem Mount 0-200 PSI	0.50 lbs.	630 (N)
E HPGS300	Stem Mount 0-300 PSI	0.50 lbs.	630 (N)
E HPGS500	Stem Mount 0-500 PSI	0.50 lbs.	630 (N)
E HPGS1	Stem Mount 0-1000 PSI	0.50 lbs.	630 (N)
E HPGS3	Stem Mount 0-3000 PSI	0.50 lbs.	630 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
E HPGS4	Stem Mount 0-4000 PSI	0.50 lbs.	630 (N)
E HPGS5	Stem Mount 0-5000 PSI	0.50 lbs.	630 (N)
E HPGS10	Stem Mount 0-10,000 PSI	0.50 lbs.	630 (N)
F HPGP3	Panel Flange Mount 0-3000 PSI	0.65 lbs.	652 (Y)
F HPGP5	Panel Flange Mount 0-5000 PSI	0.65 lbs.	652 (Y)
G HPGC100	Panel Clamp Mount 0-100 PSI	0.66 lbs.	651 (Y)
G HPGC160	Panel Clamp Mount 0-160 PSI	0.66 lbs.	651 (Y)
G HPGC600	Panel Clamp Mount 0-600 PSI	0.66 lbs.	651 (Y)
H HPGCB160	Center Back Mount 0-160 PSI	0.55 lbs.	630 (N)
H HPGCB300	Center Back Mount 0-300 PSI	0.55 lbs.	630 (N)
I PS15	Pressure Switch, 15 PSI, 1/8" NPT	0.25 lbs.	640 (N)
I PS25	Pressure Switch, 25 PSI, 1/8" NPT	0.25 lbs.	627 (N)
J PS2575	Pressure Switch, Adj. 25-75 PSI	0.25 lbs.	624 (N)
J PS2501K	Pressure Switch, Adj. 250-1,000 PSI	0.50 lbs.	624 (N)
K E22	Oil Level Sensor Kit	0.61 lbs.	630 (N)
L E32	Oil Level Sensor Kit w/ Slush Shield	0.65 lbs.	630 (N)

Buyers Clutch Pump Units provide a compact and efficient, easily-installed source of hydraulic power for popular trucks or most off-road vehicles. These pumps are engine mounted, belt-driven units with a specially designed mounting bracket. Controlled by a simple on/off switch in the cab, the clutch pump operates only when needed, even when the vehicle is moving.

Clutch Specifications:

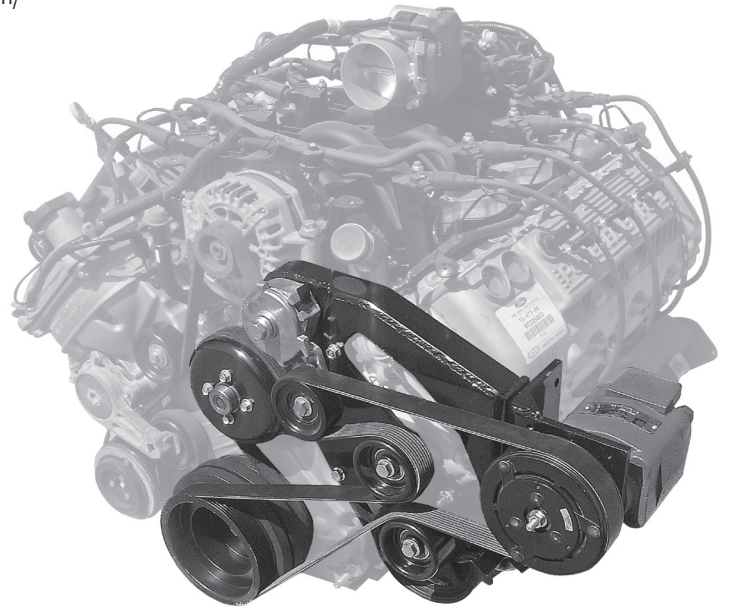
- Electrical clutch - ON to engage; OFF to disengage
- Rated 90 ft. lb. nominal, 120 ft. lb. after burnishing
- All electrical materials are rated at Class A (105 degrees C)
- Zinc plated for corrosion resistance

Typical Applications:

- Snow removal equipment
- Salt and de-icer spreaders
- Grain augers and conveyors
- Fertilizer spreaders
- Portable lumber machinery
- Auxiliary circuits for farm and construction equipment
- Hydraulic tools
- Dump truck kits
- Tow trucks
- Whenever live hydraulics are required on a vehicle

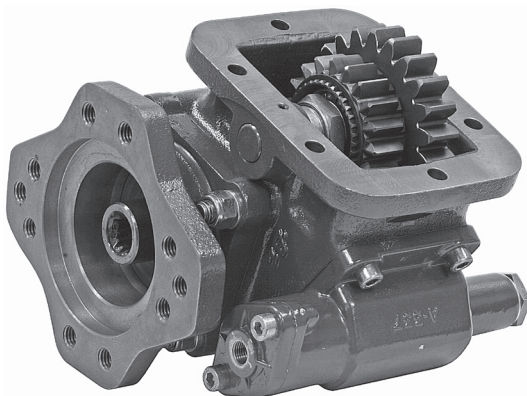
Clutch Pump Features:

- Engine mounted, belt driven clutch
- Adaptable to virtually any pickup truck, van, tractor, dump truck or vehicle with a 15 HP and up engine
- PTO or PTO cables not required
- 12 volt unit

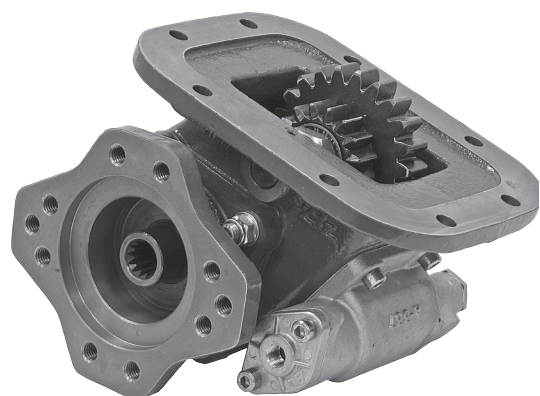


CONTACT OUR HYDRAULICS DEPARTMENT AT 440-299-5251 FOR ASSISTANCE IN SELECTING THE CORRECT PUMP KIT FOR YOUR APPLICATION.

Buyers 1000 Series and 2000 Series PTO's have been engineered to work with most existing transmissions in the market. They are durable with a wide range of input gears, shifters, speed ratios, and output shafts to meet all of the market applications.



1000 SERIES



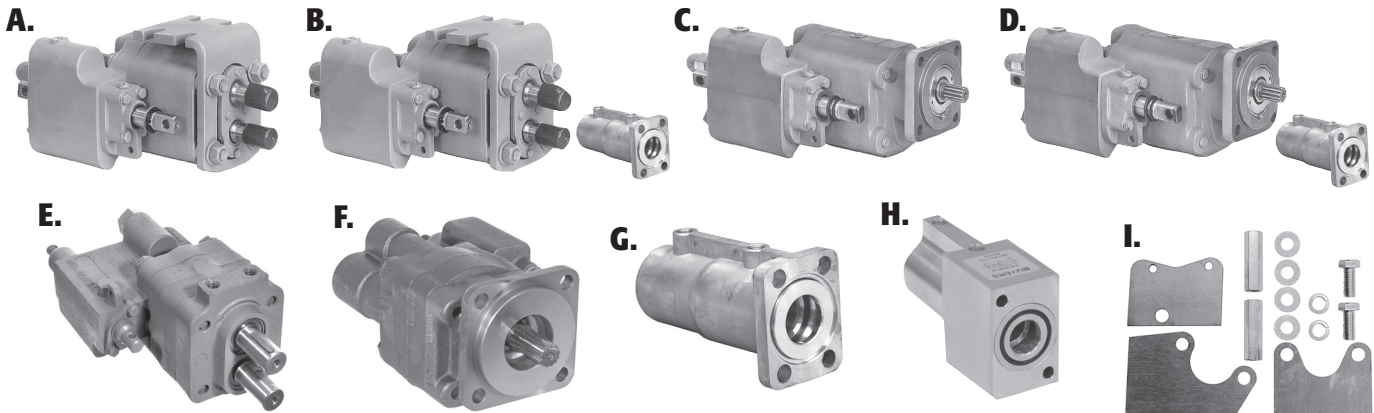
2000 SERIES

CONTACT OUR HYDRAULICS DEPARTMENT AT 440-299-5251 FOR ASSISTANCE IN SELECTING THE CORRECT PTO FOR YOUR APPLICATION.

HYDRAULICS

HYDRAULIC PUMPS

AIR CYLINDERS



A. - D. Direct & Remote Mount Hydraulic Pumps w/ Manual Valves

- Cast iron roller bearing dump pump
- Designed for 2 or 3 line installations
- Rebuildable & comes with mounting bracket
- Direct mount pump includes a 4 bolt SAE B mounting flange and 7/8" 13 spline input shaft
- All BPC1010 Series pumps are 2 1/2" dia. gear

For direct pumps, rotation must be specified.

E. - F. Direct & Remote Mount Hydraulic Pumps w/ Manual Valves

- Ideal for small dump applications
- Mounting: H101 (remote mount) 2 bolt mounting pad H102 (direct mount) SAE B 4 bolt flange
- Porting: 1 1/4" inlet, 3/4" NPT cylinder port, 3/4" NPT return port

G. - H. Air Shift Cylinder for Hydraulic Pumps w/ Manual Valves

- Converts manual pump operation to pneumatically controlled pump
- Complete with pump activator cylinder and mounting hardware

I. Pump Support Bracket Kit

- Supports Buyers BPC1010-Series, HydraStar™ C1010
- -Series, Commercial C101/ C102, Permco DM640-Series
- Kit Includes: Transmission Plate, (2) Pump Plates, (2) Coupling Nuts, (2) 5/8" Bolts, (4) Flat Washers, (2) Lock Washers, Instructions

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BPC1010	Manual Valve Hydraulic Pump/Valve, Remote Mount, 1" Round Shaft 1/4" x 1 1/4" Keyway	74.0 lbs.	620 (Y)
B BPC1010AS	BPC1010 Hydraulic Pump, w/ AS301 Included, Remote Mount	76.0 lbs.	130 (Y)
C BPC1010DMCW	For Clockwise Rotation, Direct Mount	74.0 lbs.	620 (Y)
C BPC1010DMCCW	For Counterclockwise Rotation, Direct Mount	74.0 lbs.	620 (Y)
D BPC1010DMCWAS	BPC1010DMCW Hydraulic Pump, w/ AS301 Included, Direct Mount	76.0 lbs.	130 (Y)
D BPC1010DMCCWAS	BPC1010DMCCW Hydraulic Pump, w/ AS301 Included, Direct Mount	76.0 lbs.	130 (Y)

PART NO.	GEAR SIZE	MOUNTING	C.I.R.	FLOW @ 1000 RPM	FLOW @ 1800 RPM	MAX PRESSURE	WEIGHT	CAT.
E H101115	1 1/2"	Remote	2.96	11.7	21	2500	35 lbs.	620 (Y)
E H101120	2"	Remote	3.94	16.1	29	2500	38 lbs.	620 (Y)
F H102115CCW	1 1/2"	Direct	2.96	11.7	21	2500	35 lbs.	620 (Y)
F H102115CW	1 1/2"	Direct	2.96	11.7	21	2500	35 lbs.	620 (Y)
F H102120CCW	2"	Direct	3.94	16.1	29	2500	38 lbs.	620 (Y)
F H102120CW	2"	Direct	3.94	16.1	29	2500	38 lbs.	620 (Y)

Buyers comparable pumps (single, tandem, or piggyback) for: Commercial*, Permco*, Tyrone*, Vickers® & others

PART NO.	DESCRIPTION	WEIGHT	CAT.
G AS301 ①*	Air Shift Cylinder	2.34 lbs.	646 (N)
G AS302*	Air Shift Cylinder with Tubing & Fittings	2.65 lbs.	646 (N)
H BASK16 ②*	Air Shift Cylinder	1.43 lbs.	646 (N)
H BASK16P ③*	Air Shift Cylinder	1.38 lbs.	646 (N)

*Valve, tubing, fitting, and bracket kit are sold separately. Part No. K1010TAS

ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
I PB10	Pump Support Bracket Kit	2.8 lbs.	648 (N)

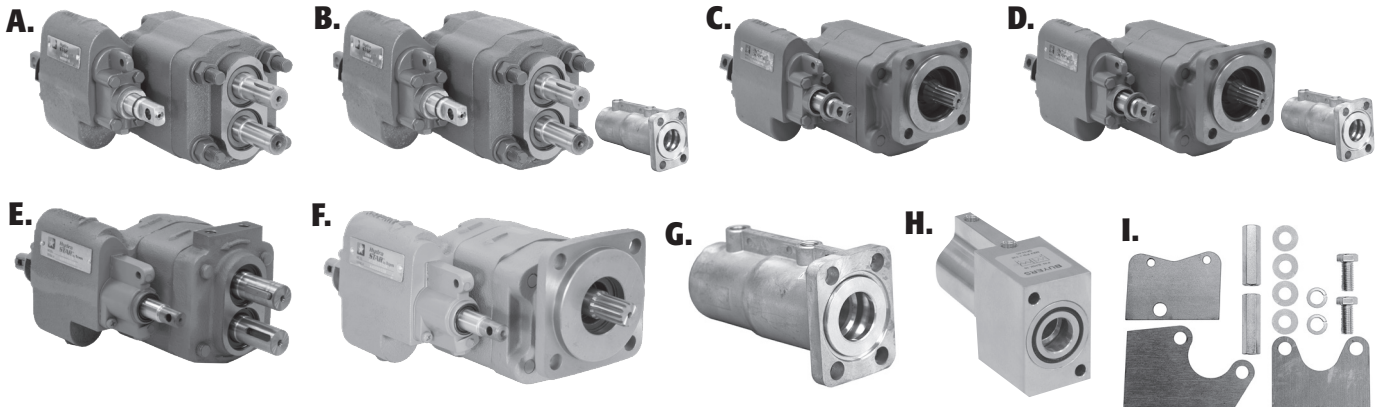
*Buyers Products is not authorized by nor affiliated with the manufacturer of Commercial, Permco, Tyrone, Muncie®, or Vickers® products.

BPC1010 Series	
RPM	GPM OUTPUT
600	13
900	21
1200	33
1500	37.5
1800	46

- ① Compares to: Commercial* C101/C102 Buyers BPC1010 HydraStar™ C1010, C1010DM, Muncie® E Series Permco* DMD25/DM640 Tyrone* T101/T102
- ② Compares to: Commercial* G101/G102 HydraStar™ CH101/CH102
- ③ Compares to: Buyers H101/H102 Permco* DM300/DM400

PUMP ROTATION

To identify pump rotation, view pump with shaft facing you and belly of pump down



A. - D. HydraStar™ Direct & Remote Mount Hydraulic Pumps w/Manual Valves

- Cast iron roller bearing dump pump
- Designed for 2 or 3 line installations
- Rebuildable & comes with mounting bracket
- Direct mount pump includes a 4 bolt SAE B mounting flange and 7/8" 13 spline input shaft
- All C1010 Series pumps are 2 1/2" dia. gear

For direct pumps, rotation must be specified.

E. - F. HydraStar™ Direct & Remote Mount Hydraulic Pumps w/Manual Valves

- Ideal for small dump applications
- Mounting:
CH101 (remote mount) 2 bolt mounting pad
CH102 (direct mount) SAE B 4 bolt flange
- Porting:
1 1/4" inlet, 3/4" NPT cylinder port, 3/4" NPT return port

G. - H. Air Shift Cylinder for Hydraulic Pumps w/ Manual Valves

- Converts manual pump operation to pneumatically controlled pump
- Complete with pump activator cylinder and mounting hardware

I. Pump Support Bracket Kit

- Supports Buyers BPC1010-Series, HydraStar™ C1010-Series, Commercial C101/C102, Permco DM640-Series
- Kit Includes: Transmission Plate, (2) Pump Plates, (2) Coupling Nuts, (2) 5/8" Bolts, (4) Flat Washers, (2) Lock Washers, Instructions

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.					
A C1010	Manual Valve Hydraulic Pump/Valve, Remote Mount, 1" Round Shaft 1/4" x 1 1/4" Keyway	74.0 lbs.	620 (Y)					
B C1010AS	BPC1010 Hydraulic Pump, w/ AS301 Included, Remote Mount	76.0 lbs.	130 (Y)					
C C1010DMCW	For Clockwise Rotation, Direct Mount	74.0 lbs.	620 (Y)					
C C1010DMCCW	For Counterclockwise Rotation, Direct Mount	74.0 lbs.	620 (Y)					
D C1010DMCWAS	BPC1010DMCW Hydraulic Pump, w/ AS301 Included, Direct Mount	76.0 lbs.	130 (Y)					
D C1010DMCCWAS	BPC1010DMCCW Hydraulic Pump, w/ AS301 Included, Direct Mount	76.0 lbs.	130 (Y)					
PART NO.	GEAR SIZE	MOUNTING	C.I.R.	FLOW @ 1000 RPM	FLOW @ 1800 RPM	MAX PRESSURE	WEIGHT	CAT.
E CH101115	1 1/2"	Remote	2.96	11.7	21	2500	35 lbs.	620 (Y)
E CH101120	2"	Remote	3.94	16.1	29	2500	38 lbs.	620 (Y)
F CH102115CCW	1 1/2"	Direct	2.96	11.7	21	2500	35 lbs.	620 (Y)
F CH102115CW	1 1/2"	Direct	2.96	11.7	21	2500	35 lbs.	620 (Y)
F CH102120CCW	2"	Direct	3.94	16.1	29	2500	38 lbs.	620 (Y)
F CH102120CW	2"	Direct	3.94	16.1	29	2500	38 lbs.	620 (Y)
Buyers comparable pumps (single, tandem, or piggyback) for: Commercial*, Permco*, Tyrone*, Vickers® & others								
PART NO.	DESCRIPTION	WEIGHT	CAT.					
G AS301 ①*	Air Shift Cylinder	2.34 lbs.	646 (N)					
G AS302*	Air Shift Cylinder with Tubing & Fittings	2.65 lbs.	646 (N)					
H BASK16 ②*	Air Shift Cylinder	1.43 lbs.	646 (N)					
H BASK16P ③*	Air Shift Cylinder	1.38 lbs.	646 (N)					
*Valve, tubing, fitting, and bracket kit are sold separately. Part No. K1010TAS								

C1010 Series	
RPM	GPM OUTPUT
600	13
900	21
1200	33
1500	37.5
1800	46

- ① Compares to:
Commercial* C101/C102
Buyers BPC1010,
BPC1010DM
HydraStar™ C1010,
Muncie® E Series
Permco* DMD25/DM640
Tyrone* T101/T102
- ② Compares to:
Commercial* G101/G102
HydraStar™ CH101/CH102
- ③ Compares to:
Buyers H101/H102
Permco* DM300/DM400

ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
I PB10	Pump Support Bracket Kit	2.8 lbs.	648 (N)

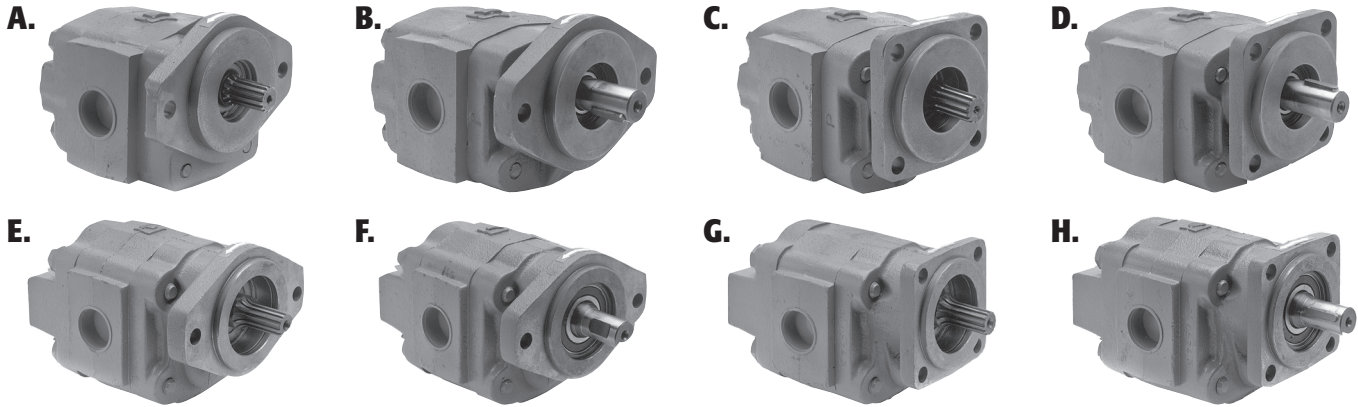
* Buyers Products is not authorized by nor affiliated with the manufacturer of Commercial, Permco, Tyrone, Muncie®, or Vickers® products.

PUMP ROTATION

To identify pump rotation, view pump with shaft facing you and belly of pump down

HYDRAULICS

HYDRAULIC PUMPS



A. - D. H21 Series Hydraulic Pump

- 2 Bolt and 4 Bolt SAE B Mount
- Birotational pump

E. - H. H50 Series Hydraulic Pump

- 2 Bolt and 4 Bolt SAE B Mount
- Birotational pump

ORDERING INFORMATION

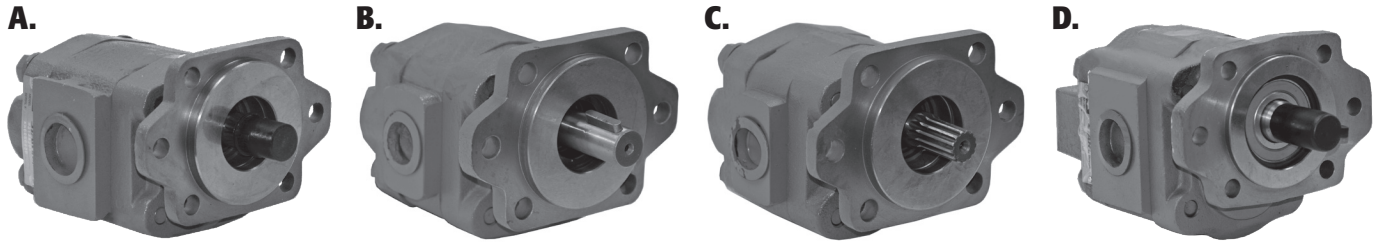
	PART NO.	MOUNTING	OUTBOARD BEARING	SHAFT	FLOW @ 1000 RPM	MAX. PRESSURE	NPT PORTS SIDE	NPT PORTS REAR	GEAR WIDTH	WEIGHT	CAT.
H21 Series											
A	H2132101	2 Bolt	N	7/8-13 Spline	6.8	3000	1"	1"	1	29.0 lbs.	620 (Y)
A	H2132121	2 Bolt	N	7/8-13 Spline	8.7	3000	1"	1"	1¼	31.7 lbs.	620 (Y)
A	H2132151	2 Bolt	N	7/8-13 Spline	11.3	3000	1"	1"	1½	31.7 lbs.	620 (Y)
A	H2132171	2 Bolt	N	7/8-13 Spline	13.0	2500	1¼"	1"	1¾	37.0 lbs.	620 (Y)
A	H2132201	2 Bolt	N	7/8-13 Spline	15.3	2500	1¼"	1"	2	35.0 lbs.	620 (Y)
B	H2132103	2 Bolt	Y	1" Keyed ¼ KW	6.8	3000	1"	1"	1	16.47 lbs.	620 (Y)
B	H2132123	2 Bolt	Y	1" Keyed ¼ KW	8.7	3000	1"	1"	1¼	16.47 lbs.	620 (Y)
B	H2132153	2 Bolt	Y	1" Keyed ¼ KW	11.3	3000	1"	1"	1½	16.47 lbs.	620 (Y)
B	H2132173	2 Bolt	Y	1" Keyed ¼ KW	13.0	2500	1¼"	1"	1¾	16.47 lbs.	620 (Y)
B	H2132203	2 Bolt	Y	1" Keyed ¼ KW	15.3	2500	1¼"	1"	2	39.0 lbs.	620 (Y)
C	H2134101	4 Bolt	N	7/8-13 Spline	6.8	3000	1"	1"	1	31.0 lbs.	620 (Y)
C	H2134121	4 Bolt	N	7/8-13 Spline	8.7	3000	1"	1"	1¼	32.0 lbs.	620 (Y)
C	H2134151	4 Bolt	N	7/8-13 Spline	11.3	3000	1"	1"	1½	34.0 lbs.	620 (Y)
C	H2134171	4 Bolt	N	7/8-13 Spline	13.0	2500	1¼"	1"	1¾	34.56 lbs.	620 (Y)
C	H2134201	4 Bolt	N	7/8-13 Spline	15.3	2500	1¼"	1"	2	36.38 lbs.	620 (Y)
D	H2134103	4 Bolt	Y	1" Keyed ¼ KW	6.8	3000	1"	1"	1	33.0 lbs.	620 (Y)
D	H2134123	4 Bolt	Y	1" Keyed ¼ KW	8.7	3000	1"	1"	1¼	33.0 lbs.	620 (Y)
D	H2134153	4 Bolt	Y	1" Keyed ¼ KW	11.3	3000	1"	1"	1¾	34.0 lbs.	620 (Y)
D	H2134173	4 Bolt	Y	1" Keyed ¼ KW	13.0	2500	1¼"	1"	¾	35.0 lbs.	620 (Y)
D	H2134203	4 Bolt	Y	1" Keyed ¼ KW	15.3	2500	1¼"	1"	2	38.05 lbs.	620 (Y)
H50 Series											
E	H5032171	2 Bolt	N	7/8-13 Spline	18	2500	1¼"	1¼"	1¾	45.0 lbs.	620 (Y)
E	H5032201	2 Bolt	N	7/8-13 Spline	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
E	H5032221	2 Bolt	N	7/8-13 Spline	21.5	2500	1½"	1¼"	2¼	51.28 lbs.	620 (Y)
E	H5032251	2 Bolt	N	7/8-13 Spline	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)
F	H5032173	2 Bolt	Y	1" Keyed ¼ KW	18	2500	1¼"	1¼"	1¾	44.0 lbs.	620 (Y)
F	H5032203	2 Bolt	Y	1" Keyed ¼ KW	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
F	H5032223	2 Bolt	Y	1" Keyed ¼ KW	21.5	2500	1½"	1¼"	2¼	53.92 lbs.	620 (Y)
F	H5032253	2 Bolt	Y	1" Keyed ¼ KW	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)
G	H5034171	4 Bolt	N	7/8-13 Spline	18	2500	1¼"	1¼"	1¾	45.0 lbs.	620 (Y)
G	H5034201	4 Bolt	N	7/8-13 Spline	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
G	H5034221	4 Bolt	N	7/8-13 Spline	21.5	2500	1½"	1¼"	2¼	44.0 lbs.	620 (Y)
G	H5034251	4 Bolt	N	7/8-13 Spline	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)
H	H5034173	4 Bolt	Y	1" Keyed ¼ KW	18	2500	1¼"	1¼"	1¾	44.0 lbs.	620 (Y)
H	H5034203	4 Bolt	Y	1" Keyed ¼ KW	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
H	H5034223	4 Bolt	Y	1" Keyed ¼ KW	21.5	2500	1½"	1¼"	2¼	51.47 lbs.	620 (Y)
H	H5034253	4 Bolt	Y	1" Keyed ¼ KW	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)

Buyers comparable pumps (single, tandem, or piggyback) for: Commercial*, Permco*, Tyrone*, Vickers® & others

H21 SERIES FLOW CHART/GAL. PER MIN.					
GEAR WIDTH	1"	1¼"	1½"	1¾"	2"
C.I.R.	2.0	2.5	3.0	3.5	4.0
RPM					
600	3.0	4.0	6.0	7.0	8.5
900	6.0	7.5	10.0	11.5	13.5
1000	6.8	8.3	11.7	13.3	15.8
1200	8.5	11.0	14.0	16.0	19.0
1500	11.0	14.0	17.5	20.5	24.0
1800	13.5	17.5	21.5	25.0	29.0
2100	16.0	21.0	25.5	29.5	34.5

H50 SERIES FLOW CHART/GAL. PER MIN.				
GEAR WIDTH	1¾"	2"	2¼"	2½"
C.I.R.	3.86	5.15	5.58	6.0
RPM				
600	10.0	11.0	12.0	13.0
900	15.0	17.5	19.0	21.0
1000	18.0	20.0	21.1	27.8
1200	21.0	24.0	26.5	29.0
1500	27.0	30.5	33.5	37.5
1800	32.5	37.0	41.0	46.0
2100	38.5	43.5	48.0	54.0

* Buyers Products is not authorized by nor affiliated with the manufacturer of Commercial, Permco, Tyrone, or Vickers® products.



A. - B. H21 Series HydraStar™ Hydraulic Pump

- 2 Bolt and 4 Bolt SAE B Mount
- Birotational pump

C. - D. H50 Series HydraStar™ Hydraulic Pump

- 2 Bolt and 4 Bolt SAE B Mount
- Birotational pump

ORDERING INFORMATION

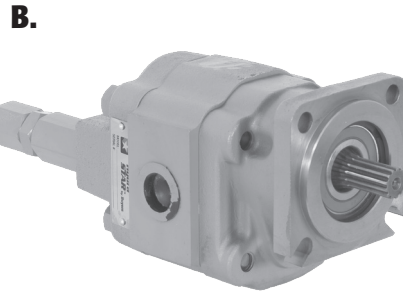
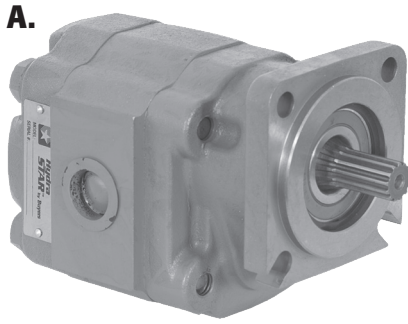
PART NO.	MOUNTING	OUTBOARD BEARING	SHAFT	FLOW @ 1000 RPM	MAX. PRESSURE	NPT PORTS SIDE	NPT PORTS REAR	GEAR WIDTH	WEIGHT	CAT.
H21 Series HydraStar™ Hydraulic Pumps										
A H2136101	2/4 Bolt	N	7/8-13 Spline	6.8	3000	1"	1"	1	29.0 lbs.	620 (Y)
A H2136121	2/4 Bolt	N	7/8-13 Spline	8.7	3000	1"	1"	1¼	31.7 lbs.	620 (Y)
A H2136151	2/4 Bolt	N	7/8-13 Spline	11.3	3000	1"	1"	1½	31.7 lbs.	620 (Y)
A H2136171	2/4 Bolt	N	7/8-13 Spline	13.0	2500	1¼"	1"	1¾	37.0 lbs.	620 (Y)
A H2136201	2/4 Bolt	N	7/8-13 Spline	15.3	2500	1¼"	1"	2	35.0 lbs.	620 (Y)
B H2136103	2/4 Bolt	Y	1" Keyed ¼ KW	6.8	3000	1"	1"	1	16.47 lbs.	620 (Y)
B H2136123	2/4 Bolt	Y	1" Keyed ¼ KW	8.7	3000	1"	1"	1¼	16.47 lbs.	620 (Y)
B H2136153	2/4 Bolt	Y	1" Keyed ¼ KW	11.3	3000	1"	1"	1½	16.47 lbs.	620 (Y)
B H2136173	2/4 Bolt	Y	1" Keyed ¼ KW	13.0	2500	1¼"	1"	1¾	16.47 lbs.	620 (Y)
B H2136203	2/4 Bolt	Y	1" Keyed ¼ KW	15.3	2500	1¼"	1"	2	39.0 lbs.	620 (Y)
H50 Series HydraStar™ Hydraulic Pumps										
C H5036171	2/4 Bolt	N	7/8-13 Spline	18	2500	1¼"	1¼"	1¾	45.0 lbs.	620 (Y)
C H5036201	2/4 Bolt	N	7/8-13 Spline	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
C H5036221	2/4 Bolt	N	7/8-13 Spline	21.5	2500	1½"	1¼"	2¼	51.28 lbs.	620 (Y)
C H5036251	2/4 Bolt	N	7/8-13 Spline	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)
D H5036173	2/4 Bolt	Y	1" Keyed ¼ KW	18	2500	1¼"	1¼"	1¾	44.0 lbs.	620 (Y)
D H5036203	2/4 Bolt	Y	1" Keyed ¼ KW	20	2500	1¼"	1¼"	2	44.0 lbs.	620 (Y)
D H5036223	2/4 Bolt	Y	1" Keyed ¼ KW	21.5	2500	1½"	1¼"	2¼	53.92 lbs.	620 (Y)
D H5036253	2/4 Bolt	Y	1" Keyed ¼ KW	27.8	2500	1½"	1¼"	2½	50.0 lbs.	620 (Y)

H21 SERIES FLOW CHART/GAL. PER MIN.					
GEAR WIDTH	1"	1¼"	1½"	1¾"	2"
C.I.R.	2.0	2.5	3.0	3.5	4.0
RPM					
600	3.0	4.0	6.0	7.0	8.5
900	6.0	7.5	10.0	11.5	13.5
1000	6.8	8.3	11.7	13.3	15.8
1200	8.5	11.0	14.0	16.0	19.0
1500	11.0	14.0	17.5	20.5	24.0
1800	13.5	17.5	21.5	25.0	29.0
2100	16.0	21.0	25.5	29.5	34.5

H50 SERIES FLOW CHART/GAL. PER MIN.				
GEAR WIDTH	1¾"	2"	2¼"	2½"
C.I.R.	3.86	5.15	5.58	6.0
RPM				
600	10.0	11.0	12.0	13.0
900	15.0	17.5	19.0	21.0
1000	18.0	20.0	21.1	27.8
1200	21.0	24.0	26.5	29.0
1500	27.0	30.5	33.5	37.5
1800	32.5	37.0	41.0	46.0
2100	38.5	43.5	48.0	54.0

HYDRAULICS

HYDRAULIC PUMPS

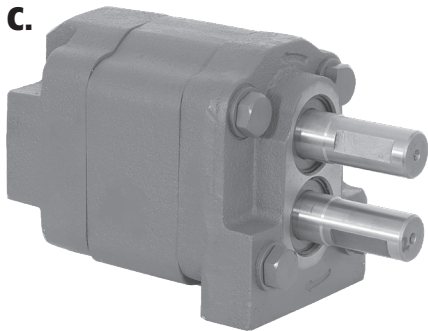


A. - B. Live Floor Hydraulic Pumps

- 4 Bolt SAE B Mount
- Counter clockwise rotation

ORDERING INFORMATION

	PART NO.	MOUNTING	OUTBOARD BEARING	SHAFT	FLOW @ 1000 RPM	MAX. PRESSURE	NPT PORTS		GEAR WIDTH	WEIGHT	CAT.
							SUCTION	REAR			
A	H5134171	4 Bolt	Y	7/8"-13 Spline	18	3000	1 1/4"	-	1 3/4"	44.0 lbs.	620 (Y)
A	H5134221	4 Bolt	Y	7/8"-13 Spline	21.1	3000	1 1/4"	-	2 1/4"	46.0 lbs.	620 (Y)
A	H5134251	4 Bolt	Y	7/8"-13 Spline	24.2	3000	1 1/2"	-	2 1/2"	49.6 lbs.	620 (Y)
B	H6134171	4 Bolt	Y	7/8"-13 Spline	18	3000	1 1/4"	1"	1 3/4"	51.0 lbs.	620 (Y)
B	H6134251	4 Bolt	Y	7/8"-13 Spline	24.2	3000	1 1/2"	1"	2 1/2"	49.6 lbs.	620 (Y)



C. Dual Shaft Hydraulic Pump

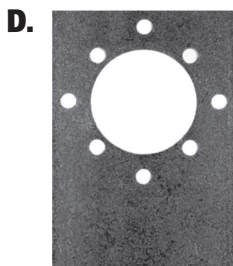
- Max. operating pressure 2500 PSI continuous duty
- 1800 Max. RPM
- Birotational pump
- Excellent for refuse applications

DUAL SHAFT PUMPS FLOW CHART/GAL. PER MIN.

GEAR WIDTH	2"	2 1/2"
C.I.R.	5.15	6.43
RPM		
900	17.5	21.0
1000	22.3	27.8
1200	24.0	29.0
1500	30.5	37.5
1800	37.0	46.0

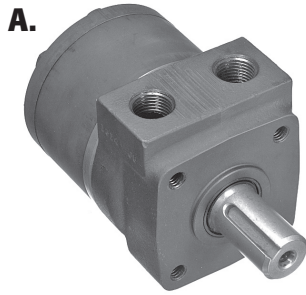
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
C	HDS36205 2" Gear	47.00 lbs.	620 (Y)
C	HDS36255 2 1/2" Gear	49.75 lbs.	620 (Y)



ACCESSORIES

PART NO.	DESCRIPTION	APPLICATION	WEIGHT	CAT.
D	H504	Pump Mounting Bracket	Used with H21 Series, H50/51 Series, and Live Floor Pumps	7.0 lbs. 631 (N)



A. Hydraulic Motors

Char-Lynn® H Series motors are economical, efficient, small, compact, and powerful, designed for medium duty applications. These motors have the industry proven spool valve design combined with state-of-the-art gerotors. In addition, a wide variety of mounting flanges with a 1" diameter straight shaft, woodruff keyway, and ½" NPT port provides design flexibility. Direction of shaft rotation and shaft speed can be controlled easily and smoothly throughout the speed range of the motor, and equipment can be driven direct eliminating costly mechanical components. **Other motors are available. Contact our Hydraulics Department at 440-299-5251 with your requirements.**

ORDERING INFORMATION & COMPARABLE MOTORS

	BUYERS	DISPL.	CHAR-LYNN®¹	DISPL.	TRW ROSS¹	DISPL.	PRINCE¹	DISPL.	ORBMARK®¹	DISPL.	WHITE®¹	DISPL.	WEIGHT	CAT.
A	HM002P	2.8	101-1025	2.8	MG-03-12-10	3.0	ADM502RP	3.00	HD104W2FSWP	3.0	RS-03-0301	3.0	8.1 lbs.	621 (N)
A	HM004P	2.8	101-1001	2.8	MG-03-13-10	3.0	ADM504RP	3.00	HD104W4FSWP	3.0	RS-03-0101	3.0	8.0 lbs.	621 (N)
A	HM012P	4.5	101-1026	4.5	MG-05-12-10	5.0	ADM752RP	4.67	HD106W2FSWP	4.5	RS-04-0301	4.5	8.9 lbs.	621 (N)
A	HM014P	4.5	101-1002	4.5	MG-05-13-10	5.0	ADM754RP	4.67	HD106W4FSWP	4.5	RS-05-0101	5.45	8.9 lbs.	621 (N)
A	HM032P	7.3	101-1706	7.3	MG-06-12-10	—	ADM1002RP	6.07	HD108W2FSWP	6.2	RS-06-0301	6.4	9.9 lbs.	621 (N)
A	HM034P	7.3	101-1755	7.3	MG-06-13-10	6.0	ADM1004RP	6.07	HD108W4FSWP	6.2	RS-06-0101	6.4	9.9 lbs.	621 (N)
A	HM042P	9.7	101-1028	9.7	—	—	ADM1502RP	9.34	HD114W2FSWP	10.3	RS-10-0301	10.0	10.4 lbs.	621 (N)
A	HM044P	9.7	101-1004	9.7	—	—	ADM1504RP	9.34	HD114W4FSWP	10.3	RS-10-0101	10.0	10.4 lbs.	621 (N)
A	HM052P	11.3	101-1029	11.3	MG-12-12-10	12.0	ADM2002RP	12.15	HD114W2FSWP	10.3	RS-10-0301	10.0	10.9 lbs.	621 (N)
A	HM054P	11.3	101-1005	11.3	MG-12-13-10	12.0	ADM2004RP	12.15	HD114W4FSWP	10.3	RS-10-0101	10.0	10.9 lbs.	621 (N)
A	HM062P	14.1	101-1030	14.1	MG-14-12-10	12.0	ADM2502RP	15.25	HD120W2FSWP	14.9	RS-14-0301	14.6	11.56 lbs.	621 (N)
A	HM064P	14.1	101-1006	14.1	MG-14-13-10	14.0	ADM2504RP	15.25	HD120W4FSWP	14.9	RS-14-0101	14.6	11.56 lbs.	621 (N)
A	HM072P	17.9	101-1031	17.9	MG-18-12-10	—	ADM3002RP	17.90	HD124W2FSWP	17.9	RS-18-0301	18.0	12.56 lbs.	621 (N)
A	HM074P	17.9	101-1007	17.9	MG-18-13-10	18.0	ADM3004RP	17.90	HD124W4FSWP	17.9	RS-18-0301	18.0	12.56 lbs.	621 (N)
A	HM082P	22.6	101-1032	22.6	MG-24-12-10	—	ADM4002RP	24.40	HD132W2FSWP	23.8	RS-24-0301	24.0	14.87 lbs.	621 (N)
A	HM084P	22.6	101-1008	22.6	MG-24-13-10	24.0	ADM4004RP	24.40	HD132W4FSWP	23.8	RS-24-0101	24.0	14.87 lbs.	621 (N)

HYDRAULIC MOTORS INFORMATION CHART

	HM002P HM004P	HM012P HM014P	HM032P HM034P	HM042P HM044P	HM052P HM054P	HM062P HM064P	HM072P HM074P	HM082P HM084P
Displ. cm³/r [in³/r]	46 [2.8]	74 [4.5]	97 [5.9]	159 [9.7]	185 [11.3]	231 [14.1]	293 [17.9]	370 [22.6]
Max Speed (RPM) @ Continuous Flow	969	760	585	353	304	243	192	152
FLOW LPM [GPM]	Continuous	45 [12]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]
	Intermittent	53 [14]	68 [18]	68 [18]	76 [20]	76 [20]	76 [20]	76 [20]
Torque LPM [lb-in]	Continuous	73 [650]	118 [1044]	155 [1368]	233 [2059]	265 [2343]	302 [2669]	351 [3110]
	Intermittent**	99 [876]	158 [1401]	207 [1829]	319 [2824]	356 [3151]	415 [3671]	466 [4121]
Min. Starting Torque Nm [lb-in]	@ Cont. Pressure	59 [520]	95 [840]	124 [1100]	186 [1650]	211 [1870]	238 [2110]	282 [2500]
	@ Int. Pressure	81 [720]	130 [1150]	171 [1510]	262 [2320]	293 [2590]	339 [3000]	388 [3430]
Pressure Δ Bar [Δ PSI]	Continuous*	124 [1800]	124 [1800]	124 [1800]	114 [1650]	110 [1600]	100 [1450]	93 [1350]
	Intermittent*(**)	165 [2400]	165 [2400]	165 [2400]	155 [2250]	148 [2150]	138 [2000]	124 [1800]

Maximum Case Pressure, without Case Drain is 103 Bar [1500 PSI]

* Maximum intermittent pressure at motor inlet port of 172 Bar [2500 PSI] without regard to A Bar [A PSI] and/or back pressure ratings or combination thereof.

** A simultaneous maximum torque and maximum speed NOT recommended.

6B Splined or Tapered shafts are recommended whenever operating above 282 Nm [2500 lb-in] of torque, especially for those applications subject to frequent reversals.

Δ Bar [Δ PSI] – True pressure difference between inlet port and outlet port.

Continuous Rating – Motor may be run continuously at these ratings.

Intermittent Operation – 10% of every minute.

Recommended Fluids – Premium quality, anti-wear type hydraulic oil. Minimum oil viscosity (at operating temperature) should be the highest of the following:

$$100 \text{ SUS or } \frac{300 \times \text{Bar}}{\text{RPM}} = \text{SUS} \quad \left[\frac{20 \times \text{PSI}}{\text{RPM}} = \text{SUS} \right]$$

Recommended Maximum System Operating Temperature is 82° C [180° F]

Recommended Filtration – per ISO Cleanliness Code, level 18/13

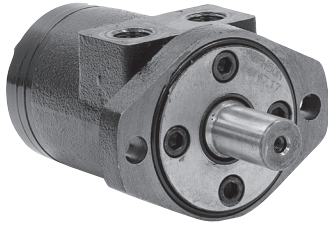
To assure best motor life, run motor for approximately one hour at 30% of rated pressure before application to full load. Be sure motor is filled with fluid prior to any load applications.

¹Buyers Products is not authorized by nor affiliated with the manufacturer of Char-Lynn®, TRW Ross, Prince Hydraulics, Orbmak, or White Drive Products® products.

HYDRAULICS

HYDRASTM HYDRAULIC MOTORS

A.



A. HydraStarTM Hydraulic Motors

HydraStarTM Series motors are economical, efficient, small, compact, and powerful, designed for medium duty applications. These motors have the industry proven spool valve design combined with state-of-the-art gerotors. In addition, a wide variety of mounting flanges with a 1" diameter straight shaft, woodruff keyway, and 1/2" NPT port provides design flexibility. Direction of shaft rotation and shaft speed can be controlled easily and smoothly throughout the speed range of the motor, and equipment can be driven direct eliminating costly mechanical components. **Other motors are available. Contact our Hydraulics Department at 440-299-5251 with your requirements.**

ORDERING INFORMATION & COMPARABLE MOTORS

	BUYERS	DISPL.	CHAR-LYNN ^{®1}	DISPL.	TRW ROSS ¹	DISPL.	PRINCE ¹	DISPL.	ORBMARK ^{®1}	DISPL.	WHITE ^{®1}	DISPL.	WEIGHT	CAT.
A	CM002P	2.8	101-1025	2.8	MG-03-12-10	3.0	ADM502RP	3.00	HD104W2FSWP	3.0	RS-03-0301	3.0	8.1 lbs.	621 (N)
A	CM004P	2.8	101-1001	2.8	MG-03-13-10	3.0	ADM504RP	3.00	HD104W4FSWP	3.0	RS-03-0101	3.0	8.0 lbs.	621 (N)
A	CM012P	4.5	101-1026	4.5	MG-05-12-10	5.0	ADM752RP	4.67	HD106W2FSWP	4.5	RS-04-0301	4.5	8.9 lbs.	621 (N)
A	CM014P	4.5	101-1002	4.5	MG-05-13-10	5.0	ADM754RP	4.67	HD106W4FSWP	4.5	RS-05-0101	5.45	8.9 lbs.	621 (N)
A	CM032P	7.3	101-1706	7.3	MG-06-12-10	—	ADM1002RP	6.07	HD108W2FSWP	6.2	RS-06-0301	6.4	9.9 lbs.	621 (N)
A	CM034P	7.3	101-1755	7.3	MG-06-13-10	6.0	ADM1004RP	6.07	HD108W4FSWP	6.2	RS-06-0101	6.4	9.9 lbs.	621 (N)
A	CM042P	9.7	101-1028	9.7	—	—	ADM1502RP	9.34	HD114W2FSWP	10.3	RS-10-0301	10.0	10.4 lbs.	621 (N)
A	CM044P	9.7	101-1004	9.7	—	—	ADM1504RP	9.34	HD114W4FSWP	10.3	RS-10-0101	10.0	10.4 lbs.	621 (N)
A	CM052P	11.3	101-1029	11.3	MG-12-12-10	12.0	ADM2002RP	12.15	HD114W2FSWP	10.3	RS-10-0301	10.0	10.9 lbs.	621 (N)
A	CM054P	11.3	101-1005	11.3	MG-12-13-10	12.0	ADM2004RP	12.15	HD114W4FSWP	10.3	RS-10-0101	10.0	10.9 lbs.	621 (N)
A	CM062P	14.1	101-1030	14.1	MG-14-12-10	12.0	ADM2502RP	15.25	HD120W2FSWP	14.9	RS-14-0301	14.6	11.56 lbs.	621 (N)
A	CM064P	14.1	101-1006	14.1	MG-14-13-10	14.0	ADM2504RP	15.25	HD120W4FSWP	14.9	RS-14-0101	14.6	11.56 lbs.	621 (N)
A	CM072P	17.9	101-1031	17.9	MG-18-12-10	—	ADM3002RP	17.90	HD124W2FSWP	17.9	RS-18-0301	18.0	12.56 lbs.	621 (N)
A	CM074P	17.9	101-1007	17.9	MG-18-13-10	18.0	ADM3004RP	17.90	HD124W4FSWP	17.9	RS-18-0301	18.0	12.56 lbs.	621 (N)
A	CM082P	22.6	101-1032	22.6	MG-24-12-10	—	ADM4002RP	24.40	HD132W2FSWP	23.8	RS-24-0301	24.0	14.87 lbs.	621 (N)
A	CM084P	22.6	101-1008	22.6	MG-24-13-10	24.0	ADM4004RP	24.40	HD132W4FSWP	23.8	RS-24-0101	24.0	14.87 lbs.	621 (N)
A	CM092P	24.9	—	—	—	—	—	—	—	—	—	—	21.2 lbs.	621 (N)

HYDRAULIC MOTORS INFORMATION CHART

	CM002P CM004P	CM012P CM014P	CM032P CM034P	CM042P CM044P	CM052P CM054P	CM062P CM064P	CM072P CM074P	CM082P CM084P
Displ. cm ³ /r [in ³ /r]	46 [2.8]	74 [4.5]	97 [5.9]	159 [9.7]	185 [11.3]	231 [14.1]	293 [17.9]	370 [22.6]
Max Speed (RPM) @ Continuous Flow	969	760	585	353	304	243	192	152
FLOW LPM [GPM]	Continuous	45 [12]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]
	Intermittent	53 [14]	68 [18]	68 [18]	76 [20]	76 [20]	76 [20]	76 [20]
Torque LPM [lb-in]	Continuous	73 [650]	118 [1044]	155 [1368]	233 [2059]	265 [2343]	302 [2669]	351 [3110]
	Intermittent**	99 [876]	158 [1401]	207 [1829]	319 [2824]	356 [3151]	415 [3671]	466 [4121]
Min. Starting Torque Nm [lb-in]	@ Cont. Pressure	59 [520]	95 [840]	124 [1100]	186 [1650]	211 [1870]	238 [2110]	282 [2500]
	@ Int. Pressure	81 [720]	130 [1150]	171 [1510]	262 [2320]	293 [2590]	339 [3000]	388 [3430]
Pressure Δ Bar [Δ PSI]	Continuous*	124 [1800]	124 [1800]	124 [1800]	114 [1650]	110 [1600]	100 [1450]	93 [1350]
	Intermittent*(**)	165 [2400]	165 [2400]	165 [2400]	155 [2250]	148 [2150]	138 [2000]	124 [1800]

Maximum Case Pressure, without Case Drain is 103 Bar [1500 PSI]

* Maximum intermittent pressure at motor inlet port of 172 Bar [2500 PSI] without regard to A Bar [A PSI] and/or back pressure ratings or combination thereof.

** A simultaneous maximum torque and maximum speed NOT recommended.

6B Splined or Tapered shafts are recommended whenever operating above 282 Nm [2500 lb-in] of torque, especially for those applications subject to frequent reversals.

Δ Bar [Δ PSI] – True pressure difference between inlet port and outlet port.

Continuous Rating – Motor may be run continuously at these ratings.

Intermittent Operation – 10% of every minute.

Recommended Fluids – Premium quality, anti-wear type hydraulic oil. Minimum oil viscosity (at operating temperature) should be the highest of the following:

$$100 \text{ SUS or } \frac{300 \times \text{Bar}}{\text{RPM}} = \text{SUS} \quad \left[\frac{20 \times \text{PSI}}{\text{RPM}} = \text{SUS} \right]$$

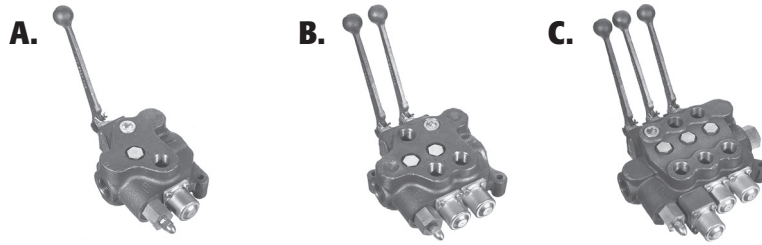
Recommended Maximum System Operating Temperature is 82° C [180° F]

Recommended Filtration – per ISO Cleanliness Code, level 18/13

To assure best motor life, run motor for approximately one hour at 30% of rated pressure before application to full load.

Be sure motor is filled with fluid prior to any load applications.

¹Buyers Products is not authorized by nor affiliated with the manufacturer of Char-Lynn®, TRW Ross, Prince Hydraulics, Orbmark, or White Drive Products® products.



VH1 Handles Sold Separately

A. - C. Directional Control Valves

General Specifications

- Number of Spools 1,2,3
- Rated Working Pressure 2500 PSI (172 bar)
- Max. Shock and Surge Pressure 4000 PSI (276 bar)
- Rated Flow Capacity 30 GPM (114 l/m)
- Max. Spool Leakage (1000 PSI) 16 cc/min
- Mounting, Any Position 3 Mounting Holes for 3/8" Bolts
- Weight 1 Spool: 13 lbs.; 2 Spool: 21 lbs.; 3 Spool: 33 lbs.

Standard Features

- Integral load holding check valves (prevents reverse flow through valve when shifting)
- Integral differential poppet type relief valve, adjustable (set @ 2000 PSI, 10 GPM)
- Balanced, select-fit spools (provide minimum leakage, smooth operation)
- External spool seals (permit easy replacement, reduced maintenance cost)

- In/Out 1-1/16" #12 SAE; Work Ports 1-1/16" #12 SAE or 3/4"-16 #8 SAE

Optional Features Available

- Power Beyond (permits use of neutral flow at system pressure); also permits field conversion from closed center to open center (tandem) operation
- Air Operated - AS1
- Cable Operated: Cable Connection Kit B302890

Text Definitions

- 3 Way = Power Up, Gravity Down
 - 4 Way = Power Up, Power Down
 - 3 Position = Spool / Handle has 3 positions: Up/Neutral/Down
 - Spring Centered = Spool returns to neutral when operator releases
 - Detent = Valve Spool stays in position until changed by operator
- Air Cylinder (Converts valve from manual to air operated).*
Cable Connection Kit (Converts valve from manual to cable operated)
Other Valves available. Contact customer service with your requirements.

ORDERING INFORMATION

	PART NO.	# SPOOLS	SPOOL ACTION	POWER BEYOND	PORT SIZE AND TYPE	WEIGHT	CAT.
A	HV13AG00D0	1	3 Way - Spring Center	None	All - 1-1/16 #12 SAE	13.08 lbs.	624 (N)
A	HV13AG2ED0	1	3 Way - Spring Center	Yes	All - 1-1/16 #12 SAE	14.0 lbs.	624 (N)
A	HV13PG00D0	1	3 Way - Detent Out	None	All - 1-1/16 #12 SAE	15.0 lbs.	624 (N)
A	HV13PG1ED0	1	3 Way - Detent Out	Yes	All - 1-1/16 #12 SAE	14.04 lbs.	624 (N)
A	HV11AG00D0	1	4 Way - Spring Center	None	All - 1-1/16 #12 SAE	14.0 lbs.	624 (N)
A	HV11AG00F0	1	4 Way - Spring Center	None	In/Out - 3/4 NPTF Cyl. 1-1/16 SAE #12	12.92 lbs.	624 (N)
A	HV11BG00D0	1	4 Way - Center Detent	None	All - 1-1/16 #12 SAE	13.0 lbs.	624 (N)
A	HV11AG2ED0	1	4 Way - Spring Center	Yes	All - 1-1/16 #12 SAE	14.0 lbs.	624 (N)
B	HV233AAG2ED0	2	3 Way - Spring Center, 3 Way - Spring Center	Yes	All - 1-1/16 #12 SAE	23.5 lbs.	624 (N)
B	HV211AAG00D0	2	4 Way - Spring Center, 4 Way - Spring Center	None	All - 1-1/16 #12 SAE	23.5 lbs.	624 (N)
B	HV211AAG2ED0	2	4 Way - Spring Center, 4 Way - Spring Center	Yes	All - 1-1/16 #12 SAE	22.0 lbs.	624 (N)
B	HV211AAG3EB0	2	4 Way - Spring Center, 4 Way - Spring Center	Conv.	All - 1-1/16 #12 SAE	21.91 lbs.	624 (N)
B	HV231AAG3ED0	2	3 Way - Spring Center, 4 Way - Spring Center	Conv.	All - 1-1/16 #12 SAE	22.75 lbs.	624 (N)
B	HV231NAG2EC0	2	3 Way - Detent In, 4 Way - Spring Center	Yes	In/Out - 1-1/16 #12 SAE, Work - 3/4-16 #8 SAE	23.0 lbs.	624 (N)
B	HV271PAG3ED0	2	3 Way Mot. Sp. - Det. Out, 4 Way - Spring Center	Conv.	All - 1-1/16 #12 SAE	22.9 lbs.	624 (N)
C	HV3331NAAG2EC0	3	3 Way - Detent In, 3 Way - Spring Center, 4 Way	Yes	In/Out - 1-1/16 #12 SAE, Work - 3/4-16 #8 SAE	29.8 lbs.	624 (N)
C	HV3311NAAG2EC0	3	3 Way - Detent In, 4 Way - Spring Center, 4 Way	Yes	In/Out - 1-1/16 #12 SAE, Work - 3/4-16 #8 SAE	33.0 lbs.	624 (N)
C	HV3111AAAG00D0	3	4 Way - Spring Center, 4 Way - Spring Center, 4 Way	None	All - 1-1/16 #12 SAE	33.0 lbs.	624 (N)
C	HV3111AAAG2ED0	3	4 Way - Spring Center, 4 Way - Spring Center, 4 Way	Yes	All - 1-1/16 #12 SAE	33.0 lbs.	624 (N)

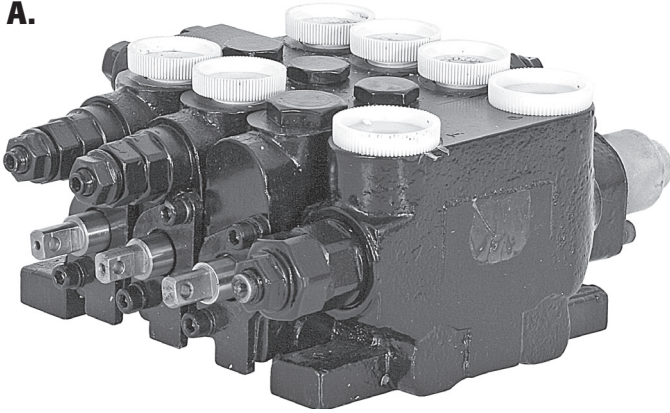
ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
VH1	Handle and Linkage Assembly	0.33 lbs.	633 (N)
B302890	Remote Valve Control Connection Kit	0.75 lbs.	240 (N)
AS1	Single Spool Air Cylinder (see pg. G18)	1.0 lbs.	646 (N)

HYDRAULICS

SECTIONAL VALVES

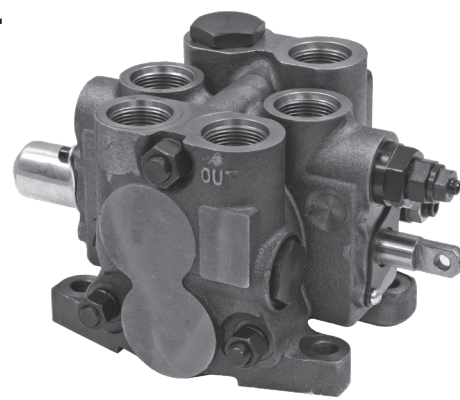
A.



A. 21 GPM Valves

- All valves rated to 21 GPM
- Port sizes: IN/OUT - 3/4" straight thread 11/16-12
Work Ports - 5/8" straight thread (7/8-12)
- Valve rated to 4,300 PSI with higher pressure main relief (non-standard)
- Main relief 1,300-3,000 PSI; set at 2,150 PSI
- Port relief angle 1,900-4,300 PSI; set at 1,800 PSI
- Port relief dump 400-1,900 PSI; set at 600 PSI
- All valves have cylinder spools unless specified as motor.
- Other configurations available

B.



B. 40 GPM Valves

- All valves rated to 40 GPM
- All ports are #16 SAE (1-5/16"-12 UNF-2B) straight thread
- Valve rated to 4,300 PSI w/higher pressure main relief (non-standard)
- Main relief 1,300-3,000 PSI; set at 2,150 PSI
- Port relief angle 1,900-4,300 PSI; set at 1,800 PSI
- Port relief dump 400-1,900 PSI; set at 600 PSI
- All valves have cylinder spools unless specified as motor.
- Other configurations available:
3 Way = power up, gravity down, 4 Way = power up, power down,
PB = power beyond, PR = one port relief, 2 PR = two port relief

ORDERING INFORMATION

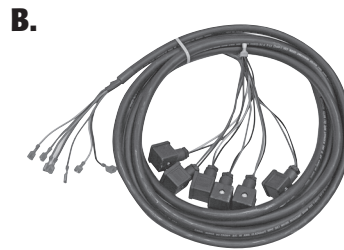
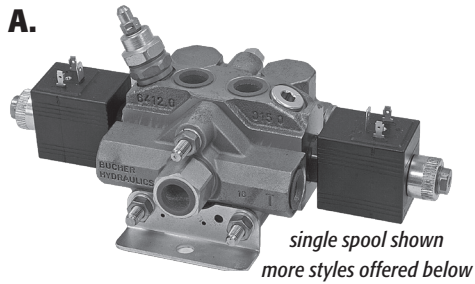
PART NO.	DESCRIPTION	GPM	WEIGHT	CAT.
A 203	3 way, w/o power beyond	21	17.42 lbs.	624 (N)
A 203D42PRPB	3 way Det. in, 4 way 2 port reliefs, power beyond	21	24.06 lbs.	624 (N)
A 203D4PR42PRPB	3 way Det. in, 4 way port relief, 4 way 2 port relief, power beyond	21	32.00 lbs.	624 (N)
A 203PB	3 way, power beyond	21	17.38 lbs.	624 (N)
A 204	4 way, w/o power beyond	21	17.19 lbs.	624 (N)
A 204PB	4 way, power beyond	21	17.38 lbs.	624 (N)
A 204PR	4 way, one port relief, w/o power beyond	21	17.77 lbs.	624 (N)
A 204PRPB	4 way, one port relief, power beyond	21	17.73 lbs.	624 (N)
A B303035	Valve Connection Kit	21	0.75 lbs.	624 (N)
B 403	3 way	40	31.5 lbs.	624 (N)
B 403D42PRPB	3 way Det. in, 4 way 2 port reliefs, power beyond	40	44.7 lbs.	624 (N)
B 403D44PB	3 way Det. in, 4 way, 4 way, power beyond	40	44.5 lbs.	624 (N)
B 403D4PR42PRPB	3 way Det. in, 4 way port relief, 4 way 2 port relief, power beyond	40	57.1 lbs.	624 (N)
B 403PB	3 way, power beyond	40	31.2 lbs.	624 (N)
B 404	4 way	40	31.1 lbs.	624 (N)
B 404PB	4 way, power beyond	40	30.4 lbs.	624 (N)
B 404PR	4 way, one port relief	40	31.6 lbs.	624 (N)
B 404PRPB	4 way, one port relief, power beyond	40	31.1 lbs.	624 (N)
B B303036	Valve Connection Kit	40	0.75 lbs.	624 (N)

TEXT DEFINITIONS

- POWER BEYOND (PERMITS USE OF NEUTRAL FLOW AT SYSTEM PRESSURE);
ALSO PERMITS FIELD CONVERSION FROM CLOSED CENTER TO OPEN CENTER (TANDEM) OPERATION
- 3 WAY = POWER UP, GRAVITY DOWN
- 4 WAY = POWER UP, POWER DOWN
- 3 POSITION = SPOOL / HANDLE HAS 3 POSITIONS: UP/NEUTRAL/DOWN
- SPRING CENTERED = SPOOL RETURNS TO NEUTRAL WHEN OPERATOR RELEASES
- DETENT = VALVE SPOOL STAYS IN POSITION UNTIL CHANGED BY OPERATOR

◆ SEE BUYERS LITERATURE NUMBER SVLIT1 FOR COMPLETE LISTING ◆

ELECTRIC SECTIONAL VALVES HYDRAULIC VALVES



A. Electrically Operated Sectional Valves

- All valves are: 12 VOLT, 2.4 Amps
- Rated to 11 GPM (NON PROPORTIONAL)
- All ports are #8 SAE Straight thread
- Valve rated to 4300 PSI with higher pressure main relief (non standard)
- Main relief 1300-3000 PSI; Set at 2150 PSI
- Port relief angle 1900-4300 PSI; Set at 2150 PSI
- Port relief dump 400-1900 PSI; Set at 600 PSI
- All valves have cylinder spools unless specified as motor.

B. 14' Harness

- Designed for Electrically Operated Sectional Valve
- DIN connectors installed for valve end

C. 8' Harness

- Designed for Electrically Operated Sectional Valve
- Female push-on connectors for switch end
- Main power harness
- 3 conductors

D. Switch Panel

- Includes 2 momentary action rockers and 1 detent rocker

E. Hydraulic Valve

- 3 Pos., 3-Way w/ air shift 1" NPT ports
- Can also be shifted with handle (Part No. HV25H)
- 35 gal. nominal flow rating
- Relief valve preset @ 2,000 PSI (max allowable)
- Compares to Gresen* Valve #AG25P3HP

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A HVE3	3 Way	10.74 lbs.	624 (N)
A HVE334PB	3 Way, 3 Way, 4 Way, PB	26.00 lbs.	624 (N)
A HVE33PB	3 Way, 3 Way, PB	16.75 lbs.	624 (N)
A HVE342PRPB	3 Way, 4 Way w/2 PR, PB	16.75 lbs.	624 (N)
A HVE344PB	3 Way, 4 Way, 4 Way, PB	10.78 lbs.	624 (N)
A HVE34M	3 Way, 4 Way Motor Spool	15.50 lbs.	624 (N)
A HVE34M3PB	3 Way, 4 Way Motor, 3 Way, PB	26.00 lbs.	624 (N)
A HVE34PR3PR3PRPB	3 Way, 4 Way w/2 PR, 3 Way w/ PR, 3 Way w/ PR, PB	35.25 lbs.	624 (N)
NEW A HVE342PR4PRPB	3 Way, 4 Way w/2 PR, 4 Way w/ PR, PB	16.00 lbs.	624 (N)
A HVE3PB	3 Way, PB	10.89 lbs.	624 (N)
A HVE4	4 Way	10.85 lbs.	624 (N)
A HVE42PRPB	4 Way w/ 2 PR, PB	11.02 lbs.	624 (N)
A HVE44	4 Way, 4 Way	16.60 lbs.	624 (N)
A HVE44PB	4 Way, 4 Way, PB	16.78 lbs.	624 (N)
A HVE4PB	4 Way, PB	11.00 lbs.	624 (N)
A HVE4PR	4 Way w/ 1 PR	11.17 lbs.	624 (N)
A HVE4PRPB	4 Way w/ 1 PR, PB	10.85 lbs.	624 (N)
B HVEH	14' Harness for Electrically Operated Sectional Valve	3.9 lbs.	639 (N)
C HVEH8	8' Harness for Electrically Operated Sectional Valve	8.3 lbs.	633 (N)
D HVESP	Switch Panel for Electrically Operated Sectional Valve	0.71 lbs.	633 (N)
E HV25	Hydraulic Valve (handle not included)	22.0 lbs.	633 (N)
E HV25H	Handle for HV25	1.10 lbs.	633 (N)

ELECTRICALLY OPERATED SECTIONAL VALVES

3 WAY = power up, gravity down
 4 WAY = power up, power down
 PB = power beyond
 1 PR = one port relief
 2 PR = two port relief

* Buyers Products is not authorized by nor affiliated with the manufacturer of Gresen products.

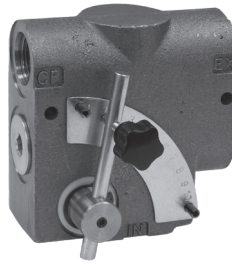
HYDRAULICS

FLOW DIVIDER, CROSS-OVER RELIEF, SELECTOR VALVES

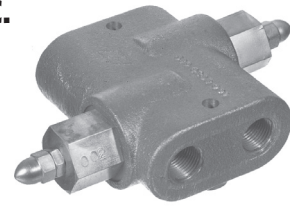
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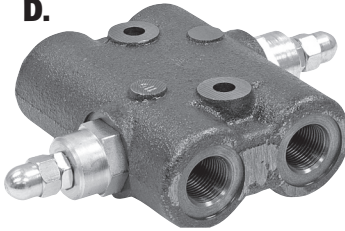
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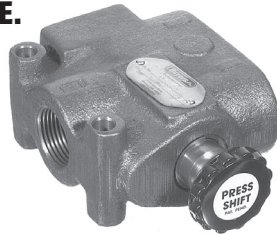
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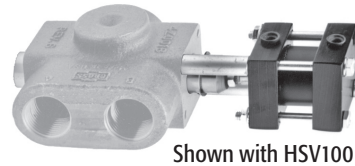
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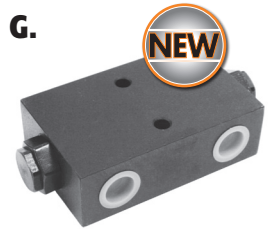


F.



Shown with HSV100

G.



A. Priority Flow Divider Valve

- Priority flow dividers split the oil from a single inlet into two separate flows
- One is a controlled, adjustable flow which has priority on the oil entering the valve
- The other is a secondary flow based on oil in excess of that demanded by the priority flow
- Both flows may be used simultaneously at different pressures without affecting the priority flow rate
- External adjusting knob controls priority flow rate
- Load may be applied to either port without affecting priority flow rate

B. Side Ported Adjustable Flow Control Valve

- These valves will start or stop a hydraulic cylinder or motor and vary speed over wide range. Once set, it maintains constant speed regardless of load variations. Excess flow is returned to tank or used to power another function. Rated for 3000 PSI.

C. Cross-Over Relief Valve

- Cross-over type
- HCR050 set at 1000 PSI, but is adjustable between 500-1500 PSI
- HCR075 set at 1000 PSI, is not adjustable
- NPFT ports

D. Cross-Over Relief Valve

- Cross-over type
- Set at 2,000 PSI
- SAE ports

E. Two Position Press Shift Selector Valve

- Can be shifted under full line pressure
- Selector valves are designed with a hydraulically balanced spool that allows them to be shifted under full line pressure
- System pressure is bled off to a low pressure leg before reaching the seal, resulting in a reduced effort required to shift the spool
- The seal is operated in an unloaded condition

F. Air Cylinder

- Converts HSV100 selector valve from manual operation to air actuated operation

G. Double Check Valve

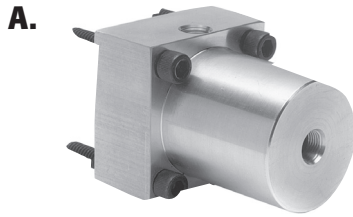
- Pilot operated
- Available in 1/2" N.P.T.F. or 1/2" SAE
- Working pressure 3625 PSI / 250 BAR
- Maximum pressure 4422 PSI / 315 BAR
- Cracking pressure 72.5 PSI / 5 BAR
- Used to convert latch pin flow applications to power angle plows

ORDERING INFORMATION

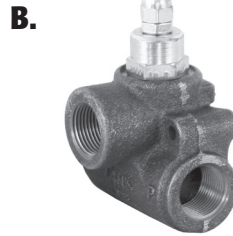
	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	HFD075	3/4" NPFT; 20GPM	4.0 lbs.	633 (N)
A	HFD100	1" NPFT; 30GPM	7.0 lbs.	624 (N)
B	HFDL075	Adj. Flow Control Valve w/ 3/4" NPT Ports, 0-30 GPM	8.0 lbs.	624 (N)
B	HFDL075SAE	Adj. Flow Control Valve w/ #12 SAE Ports, 0-30 GPM	10.0 lbs.	624 (N)
C	HCR050	Cross Over Relief Valve, 1/2" NPFT ports; 10 GPM	7.0 lbs.	624 (N)
C	HCR075	Cross Over Relief Valve, 3/4" NPFT ports; 20GPM	7.0 lbs.	624 (N)
D	HCR050SAE	Cross Over Relief Valve, 1/2" SAE Ports; 10 GPM	7.0 lbs.	624 (N)
E	HSV050	1/2" NPFT, 10 GPM	7.5 lbs.	624 (N)
E	HSV075	3/4" NPFT, 20 GPM	7.5 lbs.	624 (N)
E	HSV100	1" NPFT, 30 GPM	7.5 lbs.	624 (N)
F	HSV1C	Double Acting Control Cylinder	2.0 lbs.	646 (N)
G	HCVD08	Double Check Valve, 1/2" N.P.T.E.	3.15 lbs.	624 (N)
G	HCVD08SAE	Double Check Valve, 1/2" SAE	3.15 lbs.	624 (N)

NEW
NEW

AIR CYLINDERS SPREADER VALVES



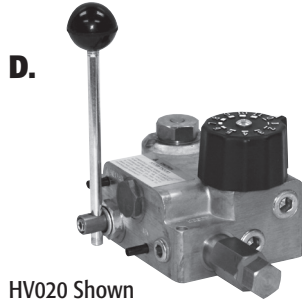
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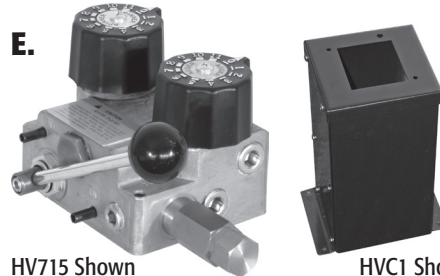
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HV020 Shown

A. Directional Control Valve Air Cylinder

- Converts any Buyers HV Series valve on pg. G15 from manual operation to air actuated operation



HV715 Shown

B. In-Line Relief Valve

- Range 1501-3000 PSI
- HRV07516 preset at 1650 PSI, HRV07518 preset at 2000 PSI, HRV10018 preset at 2000 PSI, HRV10025 preset at 2500 PSI



HVC1 Shown

F. Load Sensing Spreader Valve

- Internal load sensing checks to communicate pressure signals to load sensing pump
- Honed and matched hardened steel working parts for long life
- Rugged dirt tolerant and reliable
- Adjustable and detented hand knob with min. & max. stops. Eleven positive easy to adjust positions.
- Fully pressure compensated
- On/Unload lever control with detented stops
- 100% performance tested



F.

C. Electric/Hydraulic Spreader Control w/ GPS (sold separately)

- The SaltDogg® GPS Spreader Control provides proportional spreader operation at industry leading pricing and performance.
- The Garmin® GPS Antenna plugs-in for hassle free installation on any truck and provides exceptional spreader response. (sold separately)
- HV715Ep/HV1030EP - 12V programmable LED display controller with detented auger-conveyor/spinner controls
- HV715EPG/HV1030EPG - 3 function controller with LED display: Spinner, Auger-Conveyor, Electric Pre-Wet.
- Our simple wire harness uses weather proof connectors for secure, corrosion free connections.
- The proportional valves are housed in a protective weather enclosure for reliable service and deliver 0-7GPM (HV715EPG) or 0-10GPM (HV1030EPG) for the spinner and 0-15GPM (HV715EPG) or 0-30GPM (HV1030EPG) for the auger-conveyor circuits.

D. - E. Hydraulic Spreader Valves

- Single or Dual flow regulator with built-in on-off control plus system relief and pressure compensated
- Built-in differential style relief valve and on-off valve in a single compact body
- Permits easy installation with min. plumbing
- Detent hand knob for each flow control
- Easy to adjust flow, 11 positive positions
- Aluminum body
- All ports are 3/4" NPT, except 1/2" NPT spinner port
- Relief cartridge std. setting 1500 PSI (105 bar)

ORDERING INFORMATION

PART NO.	DESCRIPTION	GPM	WEIGHT	CAT.
A AS1	Single Spool Air Cylinder	—	1.0 lbs.	646 (N)
B HRV07516	#12 SAE, In-line Relief Valve	30	2.20 lbs.	624 (N)
B HRV07518	3/4" NPT, In-line Relief Valve	20	2.20 lbs.	624 (N)
B HRV10018	1" NPT, In-line Relief Valve	30	2.43 lbs.	624 (N)
B HRV10025	1" NPT, In-line Relief Valve	50	7.74 lbs	624 (N)
C HV715EP	Electric Hydraulic Spreader Valve Kit	7/15	30.0 lbs.	902 (N)
C HV715EPG	Electric Hydraulic Spreader Control Kit	22	31.0 lbs.	902(N)
C HV1030EP	Electric Hydraulic Spreader Valve Kit	10/30	30.0 lbs.	902 (N)
C HV1030EPG	Electric Hydraulic Spreader Control Kit	40	31.0 lbs.	902(N)
C GPS1	GPS Unit with Converter and Connector	—	1.0 lbs.	902 (N)

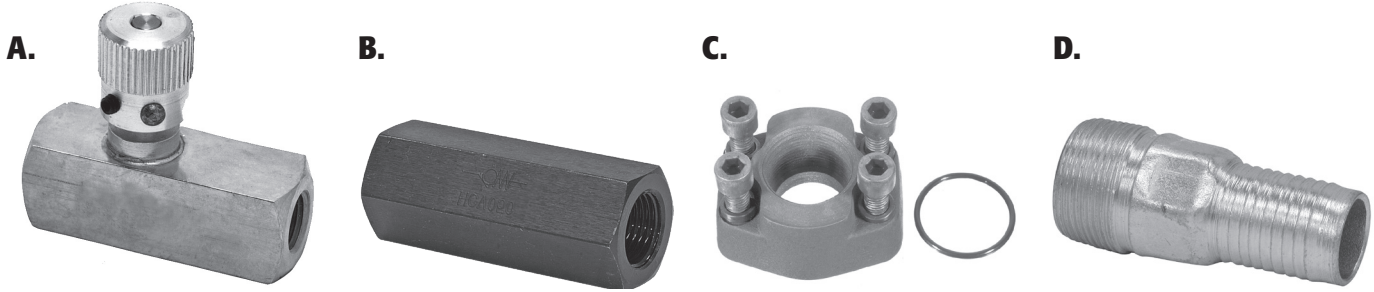
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ORDERING INFORMATION

PART NO.	DESCRIPTION	GPM	L/MIN	PSI	BAR	WEIGHT	CAT.
D HV020	Valve Only	20	76	2000	140	6.09 lbs.	902 (N)
D HVC020	Single Valve & Console	20	76	2000	140	19.21 lbs.	902 (N)
E HV715	Valve Only	7/15	83¼	2000	140	7.00 lbs.	902 (N)
E HVC715	Valve & Console	7/15	83¼	2000	140	20.77 lbs.	902 (N)
E HV715SAE	Valve Only, SAE Thds.	7/15	83¼	2000	140	7.00 lbs.	902 (N)
E HV1030	Valve Only	10/30	155	2000	140	7.50 lbs.	902 (N)
E HVC1030	Valve & Console	10/30	155	2000	140	21.00 lbs.	902 (N)
E HV1030SAE	Valve Only, SAE Thds.	10/30	155	2000	140	7.00 lbs.	902 (N)
F HV1030LS	Spreader Valve	10/30	151	3000	210	7.00 lbs.	636 (N)
F HV515LS	Spreader Valve	5/15	76	3000	210	7.00 lbs.	636 (N)
HVC1	Console Only	—	—	—	—	13.12 lbs.	902 (N)
ACC01	Acc. Plate	—	—	—	—	0.50 lbs.	902 (N)

HYDRAULICS

FLOW CONTROL VALVES, CHECK VALVES FLANGE ADAPTER KITS, COMBINATION NIPPLES



A. Flow Control Valve

- Available in NPT and SAE
- Provide precise control of flow and shutoff in one direction, and automatically permit full flow in the opposite direction.
- A two-step needle allows fine adjustment at low flow by using the first three turns of the adjusting knob; the next three turns open the valve to full flow, and also provide standard throttling adjustments
- The exclusive "Colorflow" color-band reference scale on the valve stem is a great convenience and time-saver in setting the valve originally and in returning it to any previous setting.
- Cracking pressure, for return check poppet: 5 PSI (0.4 Bar)
- Poppet material: Brass Valves (B Suffix): Soft seal Steel Valves (S Suffix): Solid metal poppet
- Maximum operating pressure:
Brass: Models F, inline only: 2000 PSI (140 Bar)
Steel: 400-800 sizes: 5000 PSI; 1200 sizes: 3000 PSI

B. Steel Check Valve

- Holds pressure in one direction and free flows in the other direction
- Available in NPT and SAE
- Female ports on each end
- 5 PSI spring
- Max pressure 4500 PSI

C. 4 Bolt Flange Adapter Kit

- Converts split flange to NPT porting
- Complete with bolts, lock washers & O-ring

D. Combination Nipple

- Zinc plated steel
- Machined from schedule 40 pipe
- Close tolerances and defined serrations
- Long first serration for easy installation

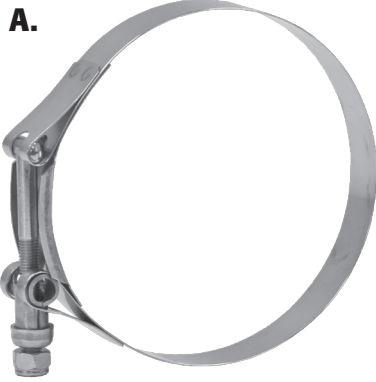
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A F400B	¼" Brass Flow Control Valve, NPT	0.48 lbs.	624 (N)
A F400S	¼" Steel Flow Control Valve, NPT	0.48 lbs.	624 (N)
A F600S	3/8" Steel Flow Control Valve, NPT	0.79 lbs.	624 (N)
A F800S	½" Steel Flow Control Valve, NPT	0.69 lbs.	624 (N)
A F1200S	¾" Steel Flow Control Valve, NPT	1.10 lbs.	624 (N)
A F400SAE	Steel Flow Control Valve, #4 SAE	1.90 lbs.	624 (N)
A F600SAE	Steel Flow Control Valve, #6 SAE	1.10 lbs.	624 (N)
A F800SAE	Steel Flow Control Valve, #8 SAE	2.46 lbs.	624 (N)
A F1200SAE	Steel Flow Control Valve, #12 SAE	2.33 lbs.	624 (N)
B HCV025	Steel Check Valve, 1/4" NPT	.25 lbs.	624 (N)
B HCV038	Steel Check Valve, 3/8" NPT	.43 lbs.	624 (N)
B HCV050	Steel Check Valve, 1/2" NPT	.75 lbs.	624 (N)
B HCV075	Steel Check Valve, 3/4" NPT	1.15 lbs.	624 (N)
B HCV100	Steel Check Valve, 1" NPT	2.13 lbs.	624 (N)
B HCV025SAE	Steel Check Valve, 1/4" SAE	.25 lbs.	624 (N)
B HCV038SAE	Steel Check Valve, 3/8" SAE	.43 lbs.	624 (N)
B HCV050SAE	Steel Check Valve, 1/2" SAE	.75 lbs.	624 (N)
B HCV075SAE	Steel Check Valve, 3/4" SAE	1.15 lbs.	624 (N)
B HCV100SAE	Steel Check Valve, 1" SAE	2.13 lbs.	624 (N)
C B431616U	1" Adapter Kit	1.51 lbs.	629 (N)
C B432020U	1¼" Adapter Kit	2.04 lbs.	629 (N)
C B432424U	1½" Adapter Kit	3.02 lbs.	629 (N)
C B433232U	2" Adapter Kit	4.90 lbs.	629 (N)
C B434040U	2½" Adapter Kit	5.06 lbs.	629 (N)

ORDERING INFORMATION

PART NO.	SIZE	MALE THREAD	HOSE I.D.	BARB END LENGTH	OVERALL LENGTH	WEIGHT	CAT.
D HCN050	½"	.50 NPT	.50"	1.350"	3.438"	0.17 lbs.	627 (N)
D HCN075	¾"	.75 NPT	.75"	1.350"	3.125"	0.20 lbs.	627 (N)
D HCN100	1"	1.00 NPT	1.00"	1.350"	3.250"	0.33 lbs.	627 (N)
D HCN125	1¼"	1.25 NPT	1.25"	1.650"	3.875"	0.54 lbs.	627 (N)
D HCN150	1½"	1.50 NPT	1.50"	1.650"	4.000"	0.64 lbs.	627 (N)
D HCN200	2"	2.00 NPT	2.00"	2.200"	4.375"	0.98 lbs.	627 (N)
D HCN250	2½"	2.50 NPT	2.50"	2.400"	5.500"	1.65 lbs.	627 (N)
D HCN300	3"	3.00 NPT	3.00"	3.000"	6.125"	2.05 lbs.	627 (N)
D BHES4X5*	1¼"	1.00 NPT	1.25"	1.650"	3.375"	0.35 lbs.	627 (N)
D BHEPS4X5	1¼"	1.00 NPT	1.25"	1.650"	3.375"	0.50 lbs.	627 (N)
D BHEPS5X6	1½"	1.25 NPT	1.50"	1.650"	3.500"	0.53 lbs.	627 (N)
D BHRPS6X5	1¼"	1.50 NPT	1.25"	1.650"	4.875"	0.83 lbs.	627 (N)

* Unplated



A. T-Bolt Clamp

- Heat treated 1/4"-28 UNF-3A plated steel T-bolts with plated steel locknuts
- A stainless steel welded liner closes the opening between clamp ends during tightening
- A smooth inner band prevents hoses from being cut or bulging and allows greater torquing capability than conventional worm gear clamps
- The band also assures equalized 360° clamping force around the hose for tight connections

HC095 and HC100 do not have floating bridge



B. Hose Clamp

- Material: CR Steel, C-1008-1010
- Finish: Zinc Plated
- Cushion: Black Vinyl, 1/32" thick
- **Packaged in quantities of 25 pieces**



C. Hose Cleat

- Black Vinyl Coated
- Zinc Plated Steel Construction
- 3/32" Dia. Mounting Hole

ORDERING INFORMATION

	PART NO.	NOM DIA.	MIN DIA.	MAX DIA.	WEIGHT	CAT.
A	HC095	1"	1.16"	1.38"	0.13 lbs.	625 (N)
A	HC100	1½"	1.25"	1.49"	0.12 lbs.	625 (N)
A	HC125	1¾"	1.55"	1.79"	0.14 lbs.	625 (N)
A	HC130	2"	1.73"	1.97"	0.14 lbs.	625 (N)
A	HC150	2⅛"	1.86"	2.17"	0.14 lbs.	625 (N)
A	HC155	2¼"	2.03"	2.34"	0.14 lbs.	625 (N)
A	HC160	2⅜"	2.16"	2.47"	0.15 lbs.	625 (N)
A	HC165	2½"	2.20"	2.51"	0.15 lbs.	625 (N)
A	HC200	2⅞"	2.34"	2.65"	0.15 lbs.	625 (N)
A	HC205	2⅝"	2.41"	2.72"	0.15 lbs.	625 (N)
A	HC210	2¾"	2.53"	2.84"	0.15 lbs.	625 (N)
A	HC215	2⅞"	2.66"	2.97"	0.15 lbs.	625 (N)
A	HC220	3"	2.78"	3.09"	0.15 lbs.	625 (N)
A	HC250	3⅛"	2.91"	3.22"	0.15 lbs.	625 (N)
A	HC260	3¼"	3.03"	3.34"	0.15 lbs.	625 (N)
A	HC270	3⅝"	3.16"	3.47"	0.15 lbs.	625 (N)
A	HC280	3½"	3.28"	3.59"	0.17 lbs.	625 (N)
A	HC295	3⅝"	3.41"	3.72"	0.17 lbs.	625 (N)
A	HC300	3¾"	3.53"	3.84"	0.17 lbs.	625 (N)
A	HC310	3⅞"	3.66"	3.97"	0.18 lbs.	625 (N)
A	HC400	4"	3.78"	4.09"	0.18 lbs.	625 (N)
A	HC410	4¼"	4.03"	4.34"	0.18 lbs.	625 (N)
A	HC500	5"	4.78"	5.09"	0.19 lbs.	625 (N)
A	HC600	6"	5.78"	6.09"	0.20 lbs.	625 (N)

ORDERING INFORMATION

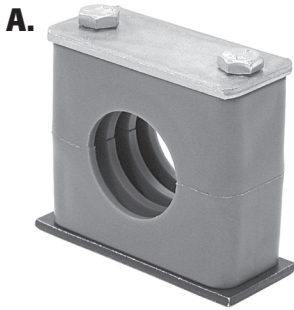
	PART NO.	CLAMPING DIA	BOLT HOLE	WEIGHT	CAT.
B	HK0509	¼"	¼"	0.28 lbs.	634 (N)
B	HK0709	⅜"	⅝"	0.32 lbs.	634 (N)
B	HK0809	7/16"	9/32"	0.50 lbs.	634 (N)
B	HK0913	½"	13/32"	0.04 lbs.	634 (N)
B	HK1013	9/16"	13/32"	0.98 lbs.	634 (N)
B	HK1113	5/8"	13/32"	1.06 lbs.	634 (N)
B	HK1213	11/16"	13/32"	1.14 lbs.	634 (N)
B	HK1313	¾"	13/32"	1.22 lbs.	634 (N)
B	HK1413	13/16"	13/32"	1.30 lbs.	634 (N)
B	HK1513	7/8"	13/32"	1.22 lbs.	634 (N)
B	HK1713	1"	13/32"	1.45 lbs.	634 (N)
B	HK1813	1⅛"	13/32"	1.32 lbs.	634 (N)
B	HK1913	1⅝"	13/32"	1.64 lbs.	634 (N)
B	HK2017	1⅞"	17/32"	2.30 lbs.	634 (N)
B	HK2117	1¼"	17/32"	2.40 lbs.	634 (N)
B	HK2317	1⅜"	17/32"	2.60 lbs.	634 (N)
B	HK2517	1½"	17/32"	2.74 lbs.	634 (N)
B	HK2617	1⅞"	17/32"	2.88 lbs.	634 (N)
B	HK2917	1¾"	17/32"	3.12 lbs.	634 (N)
B	HK3117	1⅞"	17/32"	3.32 lbs.	634 (N)
B	HK3217	1⅝"	17/32"	3.24 lbs.	634 (N)
B	HK3317	2"	17/32"	3.52 lbs.	634 (N)
B	HK3417	2⅝"	17/32"	3.76 lbs.	634 (N)
B	HK3817	2⅞"	17/32"	4.50 lbs.	634 (N)

ORDERING INFORMATION

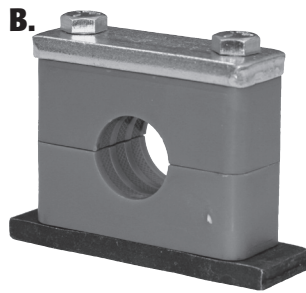
	PART NO.	DESCRIPTION	WEIGHT	CAT.
C	HCL100	1" Hose	0.04 lbs.	634 (N)

HYDRAULICS

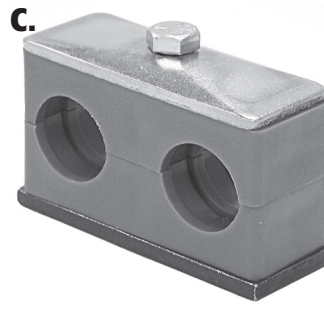
CLAMPS



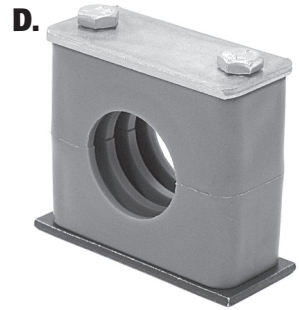
A. Standard Series Clamp for Tubing



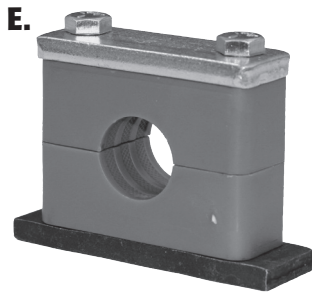
B. Heavy-Duty Series Clamp for Tubing



C. Twin Series Clamp for Tubing



D. Standard Series Clamp for Pipe



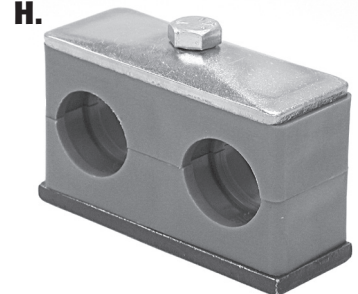
E. Heavy-Duty Series Clamp for Pipe



F. Twin Series Clamp for Pipe



G. Standard Series Clamp for Hose



H. Twin Series Clamp for Hose

ORDERING INFORMATION

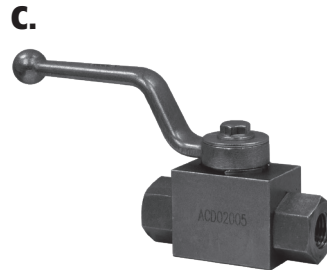
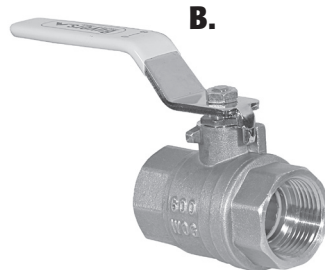
PART NO.	DESCRIPTION	I.D.	WEIGHT	CAT.
A SSCT025	Standard Series Clamp for Tubing	1/4"	0.18 lbs.	634 (N)
A SSCT031	Standard Series Clamp for Tubing	5/16"	0.20 lbs.	634 (N)
A SSCT038	Standard Series Clamp for Tubing	3/8"	0.17 lbs.	634 (N)
A SSCT050	Standard Series Clamp for Tubing	1/2"	0.21 lbs.	634 (N)
A SSCT062	Standard Series Clamp for Tubing	5/8"	0.21 lbs.	634 (N)
A SSCT075	Standard Series Clamp for Tubing	3/4"	0.26 lbs.	634 (N)
A SSCT100	Standard Series Clamp for Tubing	1"	0.24 lbs.	634 (N)
A SSCT125	Standard Series Clamp for Tubing	1-1/4"	0.41 lbs.	634 (N)
B HDSST025	Heavy-Duty Series Clamp for Tubing	1/4"	0.18 lbs.	634 (N)
B HDSST031	Heavy-Duty Series Clamp for Tubing	5/16"	0.20 lbs.	634 (N)
B HDSST038	Heavy-Duty Series Clamp for Tubing	3/8"	0.17 lbs.	634 (N)
B HDSST050	Heavy-Duty Series Clamp for Tubing	1/2"	0.21 lbs.	634 (N)
B HDSST062	Heavy-Duty Series Clamp for Tubing	5/8"	0.21 lbs.	634 (N)
B HDSST075	Heavy-Duty Series Clamp for Tubing	3/4"	0.26 lbs.	634 (N)
B HDSST100	Heavy-Duty Series Clamp for Tubing	1"	0.24 lbs.	634 (N)
B HDSST125	Heavy-Duty Series Clamp for Tubing	1-1/4"	0.41 lbs.	634 (N)
C TSCT025	Twin Series Clamp for Tubing	1/4"	0.21 lbs.	634 (N)
C TSCT038	Twin Series Clamp for Tubing	3/8"	0.20 lbs.	634 (N)
C TSCT050	Twin Series Clamp for Tubing	1/2"	0.29 lbs.	634 (N)
C TSCT062	Twin Series Clamp for Tubing	5/8"	0.30 lbs.	634 (N)
C TSCT075	Twin Series Clamp for Tubing	3/4"	0.38 lbs.	634 (N)
C TSCT087	Twin Series Clamp for Tubing	7/8"	0.57 lbs.	634 (N)
C TSCT100	Twin Series Clamp for Tubing	1"	0.37 lbs.	634 (N)
C TSCT125	Twin Series Clamp for Tubing	1 1/4"	0.63 lbs.	634 (N)
C TSCT150	Twin Series Clamp for Tubing	1 1/2"	0.61 lbs.	634 (N)
D SSCP012	Standard Series Clamp for Pipe	1/8"	0.17 lbs.	634 (N)
D SSCP025	Standard Series Clamp for Pipe	1/4"	0.21 lbs.	634 (N)
D SSCP038	Standard Series Clamp for Pipe	3/8"	0.20 lbs.	634 (N)
D SSCP050	Standard Series Clamp for Pipe	1/2"	0.24 lbs.	634 (N)
D SSCP075	Standard Series Clamp for Pipe	3/4"	0.29 lbs.	634 (N)
D SSCP100	Standard Series Clamp for Pipe	1"	0.41 lbs.	634 (N)
D SSCP125	Standard Series Clamp for Pipe	1 1/4"	0.40 lbs.	634 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	I.D.	WEIGHT	CAT.
E HDSSCP012	Heavy-Duty Series Clamp for Pipe	1/8"	0.17 lbs.	634 (N)
E HDSSCP025	Heavy-Duty Series Clamp for Pipe	1/4"	0.21 lbs.	634 (N)
E HDSSCP038	Heavy-Duty Series Clamp for Pipe	3/8"	0.20 lbs.	634 (N)
E HDSSCP050	Heavy-Duty Series Clamp for Pipe	1/2"	0.24 lbs.	634 (N)
E HDSSCP075	Heavy-Duty Series Clamp for Pipe	3/4"	0.29 lbs.	634 (N)
E HDSSCP100	Heavy-Duty Series Clamp for Pipe	1"	0.41 lbs.	634 (N)
E HDSSCP125	Heavy-Duty Series Clamp for Pipe	1-1/4"	0.40 lbs.	634 (N)
F TSCP012	Twin Series Clamp for Pipe	1/8"	0.20 lbs.	634 (N)
F TSCP025	Twin Series Clamp for Pipe	1/4"	0.29 lbs.	634 (N)
F TSCP038	Twin Series Clamp for Pipe	3/8"	0.31 lbs.	634 (N)
F TSCP050	Twin Series Clamp for Pipe	1/2"	0.38 lbs.	634 (N)
F TSCP075	Twin Series Clamp for Pipe	3/4"	0.43 lbs.	634 (N)
F TSCP100	Twin Series Clamp for Pipe	1"	0.63 lbs.	634 (N)
F TSCP125	Twin Series Clamp for Pipe	1-1/4"	0.59 lbs.	634 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	I.D.	O.D.	WEIGHT	CAT.
G SSCH018	Standard Series Clamp for Hose	3/16"	.557	0.24 lbs.	634 (N)
G SSCH025	Standard Series Clamp for Hose	1/4"	.619	0.22 lbs.	634 (N)
G SSCH038	Standard Series Clamp for Hose	3/8"	.777	0.24 lbs.	634 (N)
G SSCH050	Standard Series Clamp for Hose	1/2"	.908	0.38 lbs.	634 (N)
G SSCH062	Standard Series Clamp for Hose	5/8"	1.034	0.29 lbs.	634 (N)
G SSCH075	Standard Series Clamp for Hose	3/4"	1.19	0.28 lbs.	634 (N)
G SSCH100	Standard Series Clamp for Hose	1"	1.531	0.42 lbs.	634 (N)
H TSCH025	Twin Series Clamp for Hose	1/4"	.619	0.28 lbs.	634 (N)
H TSCH038	Twin Series Clamp for Hose	3/8"	.777	0.39 lbs.	634 (N)
H TSCH050	Twin Series Clamp for Hose	1/2"	.908	0.24 lbs.	634 (N)
H TSCH062	Twin Series Clamp for Hose	5/8"	1.034	0.49 lbs.	634 (N)
H TSCH075	Twin Series Clamp for Hose	3/4"	1.19	0.48 lbs.	634 (N)
H TSCH100	Twin Series Clamp for Hose	1"	1.531	0.60 lbs.	634 (N)



A. Gate Valve - Full Flow

- Have a screwed bonnet, non-rising stem, solid wedge disc, and integral seats
- Recommended for non-steam use in residential and light commercial applications
- May be repacked while in service under pressure
- 200 PSI W.O.G. Non-shock

B. Ball Valve - Full Flow

- For control of air, water, oil & gas
- 600 PSI W.O.G. Non-shock

C. 2-Port High Pressure Ball Valves

- 1/4" Thru 1 1/4" NPTF
- Rugged carbon steel or forged construction
- Blow out proof stems
- Buna seals standard

D. 3-Port High Pressure Ball Valves

- 1/4" Thru 1 1/4" NPTF
- Rugged carbon steel or forged construction
- Blow out proof stems
- Buna seals standard

ORDERING INFORMATION

PART NO.	PKG. PART NO.	VALVE SIZE	WEIGHT	CAT.
A HGV025		1/4"	0.50 lbs.	623 (Y)
A HGV038		3/8"	0.50 lbs.	623 (Y)
A HGV050		1/2"	0.60 lbs.	623 (Y)
A HGV075		3/4"	0.70 lbs.	623 (Y)
A HGV100		1"	1.00 lbs.	623 (Y)
A HGV125		1 1/4"	1.60 lbs.	623 (Y)
A HGV150		1 1/2"	2.00 lbs.	623 (Y)
A HGV200		2"	2.90 lbs.	623 (Y)
A HGV250		2 1/2"	6.10 lbs.	623 (Y)
B HBV025	60220	1/4"	0.40 lbs.	622 (Y)
B HBV038	60221	3/8"	0.30 lbs.	622 (Y)
B HBV050	60222	1/2"	0.60 lbs.	622 (Y)
B HBV075	60223	3/4"	0.80 lbs.	622 (Y)
B HBV100		1"	1.40 lbs.	622 (Y)
B HBV125		1 1/4"	1.94 lbs.	622 (Y)
B HBV150		1 1/2"	2.82 lbs.	622 (Y)
B HBV200		2"	5.30 lbs.	622 (Y)
B HBV250		2 1/2"	8.90 lbs.	622 (Y)



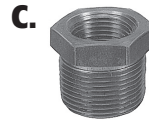
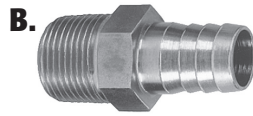
ORDERING INFORMATION

PART NO.	DESCRIPTION	THREAD SIZE	MAX WORKING PRESSURE	WEIGHT	CAT.
C HBVS025	2 Port High Pressure Ball Valve	1/4" NPTF	7250	0.77 lbs.	622 (Y)
C HBVS038	2 Port High Pressure Ball Valve	3/8" NPTF	7250	1.10 lbs.	622 (Y)
C HBVS050	2 Port High Pressure Ball Valve	1/2" NPTF	7250	1.43 lbs.	622 (Y)
C HBVS075	2 Port High Pressure Ball Valve	3/4" NPTF	5800	3.31 lbs.	622 (Y)
C HBVS100	2 Port High Pressure Ball Valve	1" NPTF	5000	4.41 lbs.	622 (Y)
C HBVS125	2 Port High Pressure Ball Valve	1 1/4" NPTF	5000	8.00 lbs.	622 (Y)
D HBV3W025	3 Port High Pressure Ball Valve	1/4" NPTF	5800	0.88 lbs.	622 (Y)
D HBV3W038	3 Port High Pressure Ball Valve	3/8" NPTF	5800	0.88 lbs.	622 (Y)
D HBV3W050	3 Port High Pressure Ball Valve	1/2" NPTF	5000	1.54 lbs.	622 (Y)
D HBV3W075	3 Port High Pressure Ball Valve	3/4" NPTF	5000	3.41 lbs.	622 (Y)
D HBV3W100	3 Port High Pressure Ball Valve	1" NPTF	5000	4.62 lbs.	622 (Y)
D HBV3W125	3 Port High Pressure Ball Valve	1 1/4" NPTF	5000	11.00 lbs.	622 (Y)

= Available in Full Color Retail Package

HYDRAULICS

HOSE & HOSE CONNECTORS



A. Suction Hose

- Internally reinforced suction or return line hose

B. Suction Hose Barbed Adaptor

- Hex style

C. Iron Reducing Bushing

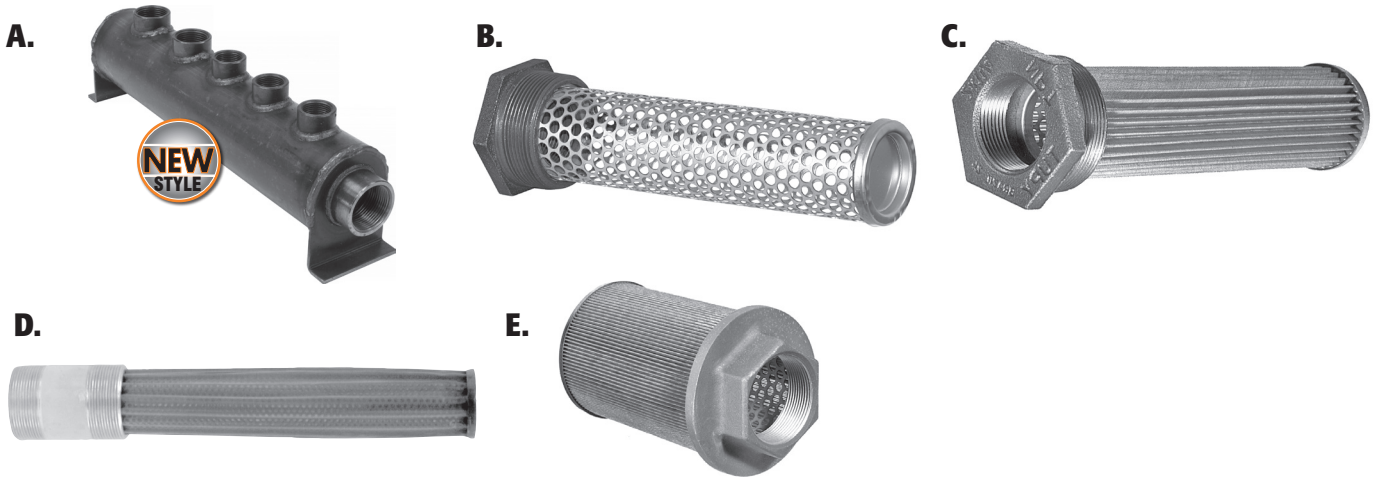
D. High Pressure Hose Assembly

- 1" high pressure SAE 100R2 (2 wire) hose assembly

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	WLH075600	¾" I.D. x 50' hose	24.5 lbs.	637 (N)
A	WLH100120	1" I.D. x 10' hose	7.50 lbs.	637 (N)
A	WLH100600	1" I.D. x 50' hose	37.5 lbs.	637 (N)
A	WLH10072	1" I.D. - 100R4 x 6'	3.00 lbs.	637 (N)
A	WLH10096	1" I.D. x 8' hose	6.00 lbs.	637 (N)
A	WLH12572	1¼" I.D. x 6' Suction Hose	6.60 lbs.	637 (N)
A	WLH12596	1¼" I.D. x 8' Suction Hose	8.80 lbs.	637 (N)
A	WLH125108	1¼" I.D. x 9' Suction Hose	9.90 lbs.	637 (N)
A	WLH125120	1¼" I.D. x 10' Suction Hose	11.0 lbs.	637 (N)
A	WLH125144	1¼" I.D. x 12' Suction Hose	14.0 lbs.	637 (N)
A	WLH125600	1¼" I.D. x 50' Suction Hose	55.0 lbs.	637 (N)
B	BCA16180	1" Male NPT x 1" Hose Barb	0.40 lbs.	627 (N)
B	BCA20180	1¼" Male NPT x 1¼" Hose Barb	0.75 lbs.	627 (N)
C	RAB125075	1¼" Male NPT x ¾" Female NPT	0.40 lbs.	627 (N)
C	RAB150125	1½" Male NPT x 1¼" Female NPT	0.30 lbs.	627 (N)
C	RAB125100	1¼" Male NPT x 1" Female NPT	0.26 lbs.	627 (N)
C	RAB200125	2" Male NPT x 1¼" Female NPT	0.68 lbs.	627 (N)
C	RAB200150	2" Male NPT x 1½" Female NPT	0.60 lbs.	627 (N)
D	HP1636	1" NPT x 1" NPT x 3' Long Hose Assembly	3.00 lbs.	637 (N)
D	HP1648	1" NPT x 1" NPT x 4' Long Hose Assembly	4.00 lbs.	637 (N)
D	HP1660	1" NPT x 1" NPT x 5' Long Hose Assembly	5.00 lbs.	637 (N)
D	HP1672	1" NPT x 1" NPT x 6' Long Hose Assembly	6.00 lbs.	637 (N)
D	HP1696	1" NPT x 1" NPT x 8' Long Hose Assembly	8.00 lbs.	637 (N)
D	HP16108	1" NPT x 1" NPT x 9' Long Hose Assembly	9.00 lbs.	637 (N)
D	HP16132	1" NPT x 1" NPT x 11' Long Hose Assembly	11.0 lbs.	637 (N)
D	HP16144	1" NPT x 1" NPT x 12' Long Hose Assembly	12.0 lbs.	637 (N)

RETURN LINE MANIFOLD STRAINERS



A. Return Line Manifold

- Constructed of 11 gauge steel
- Oil-fogged for maximum protection against rust before application
- Features six heavy-duty forged ports: three 3/4" NPT ports, two 1" NPT ports, and a 1 1/4" NPT return port that are used to eliminate numerous return lines back to the reservoir
- 14.5" length
- Max 50 PSI working pressure

D. Tank Strainer

- 2" NPTF Port
- 100 Mesh Standard
- Flow Rating: 49 GPM (5ft/sec)
- Bypass 3 PSI (6" Hg)

B. Return Line Diffuser

- This 8-7/8" long diffuser is highly effective in reducing aeration, foaming, turbulence and noise caused by return lines

E. Single Element Sump Strainer

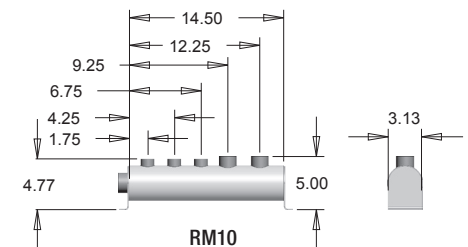
- 1" through 2 1/2" NPTF port size
- Extra large filtering area with integral 3 PSI bypass valve
- Cleanable
- 100 mesh (150 micron)

C. Thru-wall Sump Strainer

- Low cost yet highly efficient
- Cleanable wire cloth
- 5 GPM (19 L/min.) to 50 GPM (379 L/min.) flows available
- 3 PSI bypass
- Through the wall mini sump filters for fluid power, lubrication, fuel and related systems
- Nominal rating: 150 micron
- Wire cloth: stainless steel 100 mesh
- Fittings: cast iron bushings
- Construction: epoxy bond

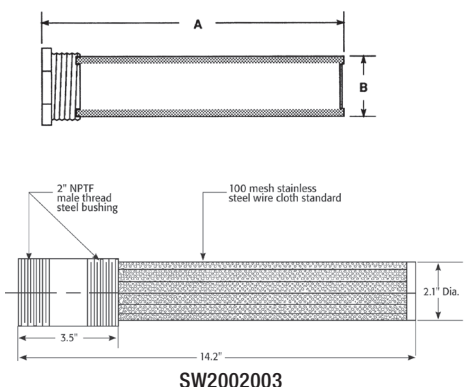
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A RM10	Return Line Manifold	6.80 lbs.	624 (N)
B HD200125	2" NPT x 1 1/4" Diffuser	0.92 lbs.	635 (N)



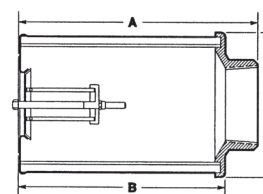
ORDERING INFORMATION

PART NO.	FLOW GPM	L/MIN	NPT SIZES		ELEMENT AREA	A	B	WEIGHT	CAT.
			MALE THREAD	OUTLET PORT					
C SW1000503	5	19	1"	1/2"	36 sq. in.	4.71"	1.00"	0.68 lbs.	635 (N)
C SW1250753	10	38	1 1/4"	3/4"	70 sq. in.	8.18"	1.38"	0.48 lbs.	635 (N)
C SW1501003	15	57	1 1/2"	1"	90 sq. in.	7.91"	1.56"	0.59 lbs.	635 (N)
C SW2001253	25	95	2"	1 1/4"	125 sq. in.	9.01"	2.00"	1.10 lbs.	635 (N)
C SW3002003	50	189	3"	2"	285 sq. in.	9.31"	3.00"	1.84 lbs.	635 (N)
D SW2002003	49	185	2"	2"	105.6 sq. in.	14.2"	2.1"	1.20 lbs.	635 (N)



ORDERING INFORMATION

PART NO.	FLOW GPM	L/MIN	PORT SIZES (NPTF)	A	B	C	WEIGHT	CAT.
E SI1253	20	76	1 1/4"	6.84"	6.10"	3.36"	0.70 lbs.	635 (N)
E SI1503	30	114	1 1/2"	8.03"	7.28"	3.37"	1.10 lbs.	635 (N)
E SI2003	50	189	2"	9.86"	9.10"	3.93"	1.20 lbs.	635 (N)
E SI2503	75	284	2 1/2"	10.14"	8.72"	5.12"	1.70 lbs.	635 (N)



HYDRAULICS

FILTERS

A.



B.



C.



D.



A. HFA0-Series

- 200 PSI working pressure
- Flows up to 7 GPM for return and 2 GPM for suction line applications
- $\frac{9}{16}$ "-18 UN (SAE-6), (FH000)
- $\frac{3}{8}$ " NPTF Ports (FH001)

B. HFA6-Series

- 200 PSI working pressure
- Flows up to 15 GPM for return and 5 GPM for suction line applications
- $\frac{1}{2}$ " NPT Ports
- Two $\frac{1}{8}$ " NPT Gage Ports

C. HFA1-Series

- 200 PSI working pressure
- Flows up to 15 GPM for return and 5 GPM for suction line applications
- $\frac{3}{4}$ " NPT Ports
- Two $\frac{1}{8}$ " NPT Gage Ports

D. HFA7-Series

- 200 PSI working pressure
- Flows up to 15 GPM for return and 5 GPM for suction line applications
- 1" NPT Ports
- Two $\frac{1}{8}$ " NPT Gage Ports

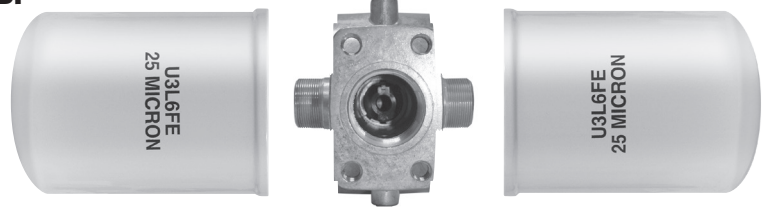
ORDERING INFORMATION

PART NO.	COMPONENT	DESCRIPTION	WEIGHT	CAT.
A FH000	Filter Head	$\frac{9}{16}$ "-18 UN (SAE-6) No Bypass	0.58 lbs.	635 (N)
A FH001	Filter Head	$\frac{3}{8}$ " NPTF, No Bypass	0.58 lbs.	635 (N)
A U0L3FE	Replacement Element	10 Micron	0.62 lbs.	635 (N)
B FH615	Filter Head	15 PSI Bypass	0.58 lbs.	635 (N)
B FH625	Filter Head	25 PSI Bypass	0.58 lbs.	635 (N)
B U1L3FE	Replacement Element	10 Micron	1.10 lbs.	635 (N)
B U1L6FE	Replacement Element	25 Micron	1.04 lbs.	635 (N)
C HFA11015	Filter Assembly	10 Micron, 15 PSI Bypass	1.68 lbs.	635 (N)
C HFA11025	Filter Assembly	10 Micron, 25 PSI Bypass	1.68 lbs.	635 (N)
C HFA12515	Filter Assembly	25 Micron, 15 PSI Bypass	1.68 lbs.	635 (N)
C HFA12525	Filter Assembly	25 Micron, 25 PSI Bypass	1.68 lbs.	635 (N)
C FH115	Filter Head	15 PSI Bypass	0.58 lbs.	635 (N)
C FH125	Filter Head	25 PSI Bypass	0.58 lbs.	635 (N)
C U1L3FE	Replacement Element	10 Micron	1.10 lbs.	635 (N)
C U1L6FE	Replacement Element	25 Micron	1.04 lbs.	635 (N)
C HSP15P	Indicator Gauge	Pressure (Return Line)	0.12 lbs.	635 (N)
C HSP15V	Indicator Gauge	Vacuum (Suction)	0.12 lbs.	635 (N)
C U3L007	Filter Bracket	Filter Bracket, for FHA1 & FHA2 Series	1.30 lbs.	635 (N)
D FH715	Filter Head	15 PSI Bypass	0.81 lbs.	635 (N)
D FH725	Filter Head	25 PSI Bypass	0.81 lbs.	635 (N)
D U1L3FE	Replacement Element	10 Micron	1.10 lbs.	635 (N)
D U1L6FE	Replacement Element	25 Micron	1.04 lbs.	635 (N)

A.



B.



A. HFA2-Series

- 150 PSI working pressure
- Flows up to 50 GPM for return and 15 GPM for suction line applications
- 1¼" NPT Ports (FH215, FH225)
- Four ⅛" NPT Gage Ports

B. HFA3-Series

- 150 PSI working pressure
- Flows up to 100 GPM for return and 35 GPM for suction line applications
- 1½" NPT Ports

ORDERING INFORMATION

PART NO.	COMPONENT	DESCRIPTION	WEIGHT	CAT.
A HFA21015	Filter Assembly	10 Micron, 15 PSI Bypass	3.48 lbs.	635 (N)
A HFA21025	Filter Assembly	10 Micron, 25 PSI Bypass	3.48 lbs.	635 (N)
A HFA22515	Filter Assembly	25 Micron, 15 PSI Bypass	3.48 lbs.	635 (N)
A HFA22525	Filter Assembly	25 Micron, 25 PSI Bypass	3.48 lbs.	635 (N)
A FH215	Filter Head	15 PSI Bypass	1.71 lbs.	635 (N)
A FH225	Filter Head	25 PSI Bypass	2.36 lbs.	635 (N)
A U3L3FE	Replacement Element	10 Micron	2.10 lbs.	635 (N)
A U3L6FE	Replacement Element	25 Micron	2.10 lbs.	635 (N)
A HSP15P	Indicator Gauge	Pressure (Return Line)	0.12 lbs.	630 (N)
A HSP15V	Indicator Gauge	Vacuum (Suction)	0.12 lbs.	630 (N)
A U3L007	Filter Bracket	Universal Filter Bracket	1.30 lbs.	635 (N)
B HFA31015	Filter Assembly	10 Micron, 15 PSI Bypass	6.56 lbs.	635 (N)
B HFA31025	Filter Assembly	10 Micron, 25 PSI Bypass	6.56 lbs.	635 (N)
B HFA32515	Filter Assembly	25 Micron, 15 PSI Bypass	6.56 lbs.	635 (N)
B HFA32525	Filter Assembly	25 Micron, 25 PSI Bypass	6.56 lbs.	635 (N)
B FH315	Filter Head	15 PSI Bypass	2.31 lbs.	635 (N)
B FH325	Filter Head	25 PSI Bypass	2.31 lbs.	635 (N)
B U3L3FE	Replacement Element	10 Micron	2.10 lbs.	635 (N)
B U3L6FE	Replacement Element	25 Micron	2.10 lbs.	635 (N)
B HSP15P	Indicator Gauge	Pressure (Return Line)	0.12 lbs.	630 (N)
B HSP15V	Indicator Gauge	Vacuum (Suction)	0.12 lbs.	630 (N)
B U3L007	Filter Bracket	Filter Bracket, for FHA1 & FHA2 Series	1.30 lbs.	635 (N)

HYDRAULICS

FILTERS

A.



A. HFA4-Series

- 150 PSI working pressure
- Flows up to 90 GPM for return and 20 GPM for suction line applications
- Both 1½" NPT and 2" SAE Ports

B.



B. HFA5-Series

- In tank filter assembly
- 100 PSI working pressure
- Flows up to 50 GPM
- For use with mineral & petroleum based fluids
- Elements replaceable through filter cover
- Operating temperature -22°F to +212°F (-30°C to +100°C)
- Aluminum casting & Buna-N-seals
- 1¼" NPT inlet port

C.



C. HFA9-Series

- In tank filter assembly
- 100 PSI working pressure
- Flows up to 26 GPM
- For use with mineral & petroleum based fluids
- Elements replaceable through filter cover
- Operating temperature -22°F to +212°F (-30°C to +100°C)
- Aluminum casting & Buna-N-seals
- 1" NPT inlet port

ORDERING INFORMATION

	PART NO.	COMPONENT	DESCRIPTION	WEIGHT	CAT.
A	HFA41015	Filter Assembly	10 Micron, 15 PSI Bypass	9.56 lbs.	635 (N)
A	HFA41025	Filter Assembly	10 Micron, 25 PSI Bypass	9.56 lbs.	635 (N)
A	HFA42515	Filter Assembly	25 Micron, 15 PSI Bypass	9.56 lbs.	635 (N)
A	HFA42525	Filter Assembly	25 Micron, 25 PSI Bypass	9.56 lbs.	635 (N)
A	FH415	Filter Head	15 PSI Bypass	5.28 lbs.	635 (N)
A	FH425	Filter Head	25 PSI Bypass	5.59 lbs.	635 (N)
A	U3L3FE	Replacement Element	10 Micron	2.10 lbs.	635 (N)
A	U3L6FE	Replacement Element	25 Micron	2.10 lbs.	635 (N)
A	HSP15P	Indicator Gauge	Pressure (Return Line)	0.12 lbs.	630 (N)
A	HSP15V	Indicator Gauge	Vacuum (Suction)	0.12 lbs.	630 (N)
A	FH4B	Filter Bracket	Filter Bracket for HFA-4 Series	2.00 lbs.	635 (N)
B	HFA51025	Filter Assembly	10 Micron 25 PSI Bypass	6.35 lbs.	635 (N)
B	HFA52525	Filter Assembly	25 Micron 25 PSI Bypass	6.07 lbs.	635 (N)
B	U5L3FE	Replacement Element	10 Micron Element Only (for HFA5 Series)	1.09 lbs.	635 (N)
B	U5L6FE	Replacement Element	25 Micron Element Only (for HFA5 Series)	1.09 lbs.	635 (N)
B	HSP15P	Indicator Gauge	Pressure (Return Line)	0.12 lbs.	630 (N)
C	HFA91025	Filter Assembly	10 Micron, 25 PSI Bypass, 26 GPM	2.80 lbs.	630 (N)
C	HFA92525	Filter Assembly	25 Micron, 25 PSI Bypass, 40 GPM	2.60 lbs.	630 (N)
C	U9L3FE	Replacement Element	10 Micron Element Only (for HFA9 Series)	0.48 lbs.	630 (N)
C	U9L6FE	Replacement Element	25 Micron Element Only (for HFA9 Series)	0.48 lbs.	630 (N)

COMPARABLE FILTER ELEMENTS

Buyers	U1L3FE	U1L6FE	U3L3FE	U3L6FE	Buyers	U1L3FE	U1L6FE	U3L3FE	U3L6FE
AC	PF16	PF26	PF828		MPF	S28	S29	S58	S59
Baldwin	BT839-10	BT839-25	BT287-10		NAPA	1551	1552	1758	1759
Canflo	RSE30-10	RSE30-25	RSE50-10	RSE50-25	New Holland	20932		262546	
Case			R25844	A57857	Owatonna		170-32375		
Caterpillar			342449 or 8J1600		Parker	921999	925023	926169	926170
Cross	1A9021	1A9023	1A9251*	1A9253*	Pall			9500FS4UJH	
Deere			AT44696	AT44696 or AR43261	Prince	FA-10	FA-25	FB10	FB25
Deluxe	WD451	WD453	WD347		Purolator			R29	
Ditch Witch	155910		155954		Ripley	DP752-10	DP752-25		
Fleet Guard	LF6056		LF680		Stieger		18-502	18-842	18-498
Fram	P1653A	P1654A	PH47-10		Tennant	52582	UCC	1500-4-10	1500-4-25
Gresen	K22001	K22002	K23018*	K23019*	Vickers			575942 or 941107	
Hastings	P731	P732	P430		Wix	51551	515523	51759	
Hydra-Mac			3401-303	3401-307	Zinga	AE10	AE25	SE10	SE25
Lenz	CP752-10	CP752-30	1282-10-50		Heil				75C425-1
LHA	SPE15-10	SPE15-25	SPE50-10	SPE50-25	International Harvester				69149-C1
Motorcraft	FH-10	FH-11	FL275						

* Should use flat seal Part No. HFFS

Buyers Products is not authorized by nor affiliated with the manufacturer's products listed above. This information is made available for the convenience of our customers and is not meant to indicate that the product is shipped to/from above companies

A Complete Line of Hydraulic Fittings

Steel Pipe Fittings

Typical Application: Grease, instrumental and most hydraulic systems
Pressure: Up to 3000 PSI depending on pipe size.

Sealing Method: 1-piece tapered pipe, dryseal (NPTF)

Vibration Rating: Fair resistance

Material: Carbon steel – AISI/ SAE 12L14

Advantage: Dryseal pipe threads (NPTF), zinc plate, compact size, broad selection of styles and sizes.

Conformance: Meets SAE specifications

Pipe Size	1/16"	1/8"	1/4"	3/8"
Thread Size B	1/16-27	1/8-27	1/4-28	3/8-18

Pipe Size	1/2"	3/4"	1"
Thread Size B	1/2-14	3/4-14	1-11 1/2

Pipe Size	1 1/4"	1 1/2"	2"
Thread Size B	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2

PRODUCT CATEGORY

All Hydraulic Fittings:
 CAT. 627(N)



Reducer Bushing

PART NO.	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3109X4X2	1/4"	1/8"
H3109X6X2	3/8"	1/8"
H3109X6X4	3/8"	1/4"
H3109X8X2	1/2"	1/8"
H3109X8X4	1/2"	1/4"
H3109X8X6	1/2"	3/8"
H3109X12X4	3/4"	1/4"
H3109X12X6	3/4"	3/8"
H3109X12X8	3/4"	1/2"
H3109X16X6	1"	3/8"
H3109X16X8	1"	1/2"
H3109X16X12	1"	3/4"
H3109X20X16	1-1/4"	1"
H3109X24X20	1-1/2"	1-1/4"



Hex Head Plug

PART NO.	MALE PIPE THREAD
H3159X2	1/8"
H3159X4	1/4"
H3159X6	3/8"
H3159X8	1/2"
H3159X12	3/4"
H3159X16	1"



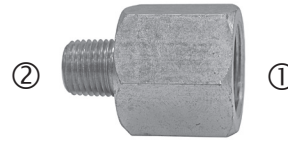
Hex Socket Plug

PART NO.	MALE PIPE THREAD
H3169X2	1/8"
H3169X4	1/4"



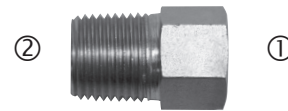
Square Head Plug

PART NO.	MALE PIPE THREAD
H3179X2	1/8"
H3179X4	1/4"
H3179X6	3/8"
H3179X8	1/2"
H3179X12	3/4"
H3179X16	1"



Adapter

PART NO.	① FEMALE PIPE THREAD	② MALE PIPE THREAD
H3209X8X4	1/2"	1/4"
H3209X8X6	1/2"	3/8"
H3209X12X8	3/4"	1/2"
H3209X16X12	1"	3/4"



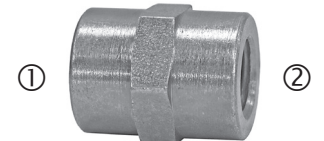
Female Straight Thread O-Ring to Male Pipe Adapter

PART NO.	① FEMALE PORT SIZE	② MALE PIPE THREAD
H3239X6X6	3/8"	3/8"
H3239X8X8	1/2"	1/2"
H3239X10X8	5/8"	1/2"



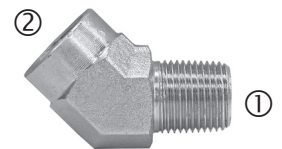
Straight Thread O-Ring Adapter

PART NO.	① MALE PORT SIZE	② FEMALE PIPE THREAD
H3269X6X4	3/8"	1/4"
H3269X6X6	3/8"	3/8"
H3269X8X4	1/2"	1/4"
H3269X8X6	1/2"	3/8"
H3269X8X8	1/2"	1/2"
H3269X10X4	5/8"	1/4"
H3269X10X6	5/8"	3/8"
H3269X10X8	5/8"	1/2"
H3269X10X12	5/8"	3/4"
H3269X12X8	3/4"	1/2"
H3269X12X12	3/4"	3/4"
H3269X16X8	1"	1/2"
H3269X16X12	1"	3/4"
H3269X16X16	1"	1"
H3269X20X16	1-1/4"	1"
H3269X20X20	1-1/4"	1-1/4"



Coupling

PART NO.	① FEMALE PIPE THREAD	② FEMALE PIPE THREAD
H3309X2	1/8"	1/8"
H3309X4	1/4"	1/4"
H3309X6X4	3/8"	1/4"
H3309X6	3/8"	3/8"
H3309X8X6	1/2"	3/8"
H3309X8	1/2"	1/2"
H3309X12	3/4"	3/4"
H3309X16	1"	1"



45° Street Elbow

PART NO.	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3359X2	1/8"	1/8"
H3359X4	1/4"	1/4"
H3359X6	3/8"	3/8"
H3359X8	1/2"	1/2"
H3359X12	3/4"	3/4"
H3359X16	1"	1"



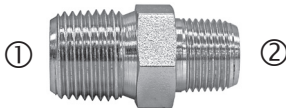
90° Street Elbow

PART NO.	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3409X2	1/8"	1/8"
H3409X4	1/4"	1/4"
H3409X6	3/8"	3/8"
H3409X8	1/2"	1/2"
H3409X12	3/4"	3/4"
H3409X16	1"	1"
H3409X20	1-1/4"	1-1/4"



90° Straight Thread O-Ring Male Elbow

PART NO.	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3459X8	1/2"	3/8"
H3459X10	5/8"	1/2"
H3459X12	3/4"	3/4"



Hex Nipple

PART NO.	① MALE PIPE THREAD	② MALE PIPE THREAD
H3069X2	1/8"	1/8"
H3069X4X2	1/4"	1/8"
H3069X4	1/4"	1/4"
H3069X6X4	3/8"	1/4"
H3069X6	3/8"	3/8"
H3069X8X4	1/2"	1/4"
H3069X8X6	1/2"	3/8"
H3069X8	1/2"	1/2"
H3069X12X8	3/4"	1/2"
H3069X12	3/4"	3/4"
H3069X16	1"	1"
H3069X20	1-1/4"	1-1/4"

See page G34 for Package Part Numbers

HYDRAULICS

FITTINGS



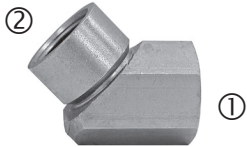
90° Elbow

PART NO	① FEMALE PIPE THREAD	② FEMALE PIPE THREAD
H3509X2	1/8"	1/8"
H3509X4	1/4"	1/4"
H3509X6	3/8"	3/8"
H3509X8	1/2"	1/2"
H3509X12	3/4"	3/4"
H3509X16	1"	1"
H3509X20	1-1/4"	1-1/4"



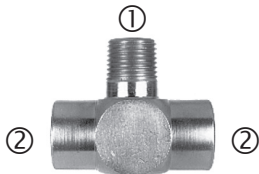
90° Male Pipe Elbow

PART NO	① MALE PIPE THREAD	② MALE PIPE THREAD
H3529X4	1/4"	1/4"
H3529X6	3/8"	3/8"
H3529X8	1/2"	1/2"
H3529X12	3/4"	3/4"
H3529X16	1"	1"



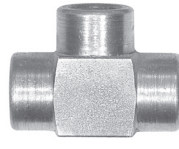
45° Elbow

PART NO	① FEMALE PIPE THREAD	② FEMALE PIPE THREAD
H3559X4	1/4"	1/4"
H3559X6	3/8"	3/8"
H3559X12	3/4"	3/4"
H3559X16	1"	1"



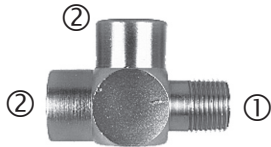
Male Branch Tee

PART NO	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3609X4	1/4"	1/4"
H3609X6	3/8"	3/8"
H3609X8	1/2"	1/2"
H3609X12	3/4"	3/4"
H3609X16	1"	1"



Tee

PART NO	FEMALE PIPE THREAD
H3709X2	1/8"
H3709X4	1/4"
H3709X6	3/8"
H3709X8	1/2"
H3709X12	3/4"
H3709X16	1"
H3709X20	1-1/4"



Male Run Tee

PART NO	① MALE PIPE THREAD	② FEMALE PIPE THREAD
H3759X4	1/4"	1/4"
H3759X6	3/8"	3/8"
H3759X8	1/2"	1/2"
H3759X12	3/4"	3/4"
H3759X16	1"	1"



Straight Thread O-Ring Hex Socket Plug

PART NO	PORT SIZE
H7238X2	1/8"
H7238X4	1/4"
H7238X6	3/8"
H7238X8	1/2"
H7238X10	5/8"
H7238X12	3/4"
H7238X14	7/8"
H7238X16	1"
H7238X20	1-1/4"



Cross

PART NO	FEMALE PIPE THREAD
H3959X4	1/4"

TUBE FITTINGS J.I.C. 37

Typical Application: Hydraulic, instrumentation and chemical processing systems

Pressure: Up to 10,000 PSI depending on tube size.

Sealing Method: 3-piece flare

Vibration Rating: Good resistance

Material: Carbon steel – AISI/ SAE 12L14
Used With: Copper, brass, steel, aluminum and other tubing that can be flared.

Advantage: Zinc plate, 3 piece design.

Broad selection of styles and sizes. Interchangeable with all sources.

Identifying Characteristics: Short nut with sleeve protruding. Material is generally steel or stainless.

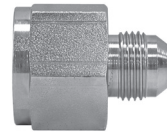
Conformance: Meets J.I.C., SAE (J154) Standards

Tube O.D.	1/8"	3/16"	1/4"	5/16"
Thread B	5/16"-24	3/8"-24	7/16"-20	1/2"-20

Tube O.D.	3/8"	1/2"	5/8"
Thread B	9/16"-18	3/4"-16	7/8"-14

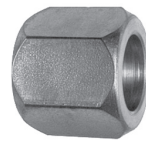
Tube O.D.	3/4"	7/8"	1"
Thread B	1 1/16"-12	1 3/16"-12	1 5/16"-12

Tube O.D.	1 1/4"	1 1/2"	2"
Thread B	1 5/8"-12	1 7/8"-12	2 1/2"-12



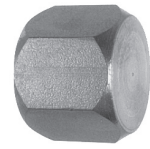
Reducer

PART NO	TUBE REDUCTION
H5015X6X4	3/8" to 1/4"
H5015X8X4	1/2" to 1/4"
H5015X8X6	1/2" to 3/8"
H5015X10X8	5/8" to 1/2"
H5015X16X12	1" to 3/4"



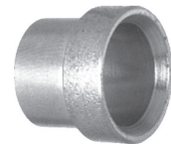
Nut 3-Piece

PART NO	TUBE O.D.
H5105X3	3/16"
H5105X4	1/4"
H5105X6	3/8"
H5105X8	1/2"
H5105X10	5/8"
H5105X12	3/4"
H5105X14	7/8"
H5105X16	1"



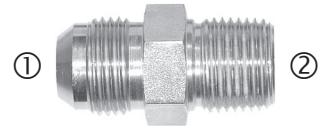
Cap

PART NO	TUBE O.D.
H5129X2	1/8"
H5129X3	3/16"
H5129X4	1/4"
H5129X5	5/16"
H5129X6	3/8"
H5129X8	1/2"
H5129X10	5/8"
H5129X12	3/4"
H5129X14	7/8"
H5129X16	1"
H5129X20	1-1/4"
H5129X24	1-1/2"



Sleeve 3-Piece

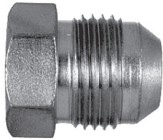
PART NO	TUBE O.D.
H5165X4	1/4"
H5165X6	3/8"
H5165X8	1/2"
H5165X10	5/8"
H5165X12	3/4"
H5165X16	1"



Male Connector

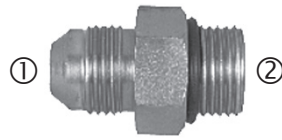
PART NO	① TUBE O.D.	② PIPE THREAD
H5205X4	1/4"	1/8"
H5205X4X4	1/4"	1/4"
H5205X4X6	1/4"	3/8"
H5205X4X8	1/4"	1/2"
H5205X5X6	5/16"	3/8"
H5205X6X2	3/8"	1/8"
H5205X6	3/8"	1/4"
H5205X6X6	3/8"	3/8"
H5205X6X8	3/8"	1/2"
H5205X8	1/2"	3/8"
H5205X8X4	1/2"	1/4"
H5205X8X8	1/2"	1/2"
H5205X8X12	1/2"	3/4"
H5205X10X6	5/8"	3/8"
H5205X10	5/8"	1/2"
H5205X10X12	5/8"	3/4"
H5205X12X8	3/4"	1/2"
H5205X12	3/4"	3/4"
H5205X12X16	3/4"	1"
H5205X16X12	1"	3/4"
H5205X16	1"	1"
H5205X20X16	1-1/4"	1"
H5205X20	1-1/4"	1-1/4"
H5205X24	1-1/2"	1-1/2"
H5205X32	2"	2"

See page G34 for Package Part Numbers



Plug

PART NO	TUBE O.D.
H5229X4	1/4"
H5229X5	5/16"
H5229X6	3/8"
H5229X8	1/2"
H5229X10	5/8"
H5229X12	3/4"
H5229X16	1"
H5229X20	1-1/4"
H5229X24	1-1/2"



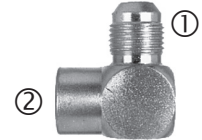
Straight Thread O-Ring Connector

PART NO	① TUBE O.D.	② PORT SIZE
H5315X4	1/4"	1/4"
H5315X4X6	1/4"	3/8"
H5315X6X4	3/8"	1/4"
H5315X6	3/8"	3/8"
H5315X6X8	3/8"	1/2"
H5315X8X6	1/2"	3/8"
H5315X8	1/2"	1/2"
H5315X8X10	1/2"	5/8"
H5315X8X12	1/2"	3/4"
H5315X10X8	5/8"	1/2"
H5315X10	5/8"	5/8"
H5315X10X12	5/8"	3/4"
H5315X12X8	3/4"	1/2"
H5315X12X10	3/4"	5/8"
H5315X12	3/4"	3/4"
H5315X12X16	3/4"	1"
H5315X16	1"	1"
H5315X16X20	1"	1-1/4"
H5315X20X16	1-1/4"	1"
H5315X20	1-1/4"	1-1/4"



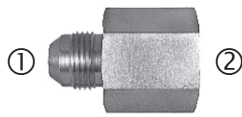
Swivel Nut 45° Elbow

PART NO	TUBE O.D.
H5356X4	1/4"
H5356X6	3/8"
H5356X8	1/2"
H5356X10	5/8"
H5356X12	3/4"
H5356X16	1"



90° Female Elbow

PART NO	① TUBE O.D.	② FEMALE PIPE THREAD
H5455X8X8	1/2"	1/2"
H5455X10	5/8"	1/2"
H5455X12	3/4"	3/4"
H5455X16	1"	1"



Rigid Female Pipe to Male JIC

PART NO	① TUBE O.D.	② FEMALE PIPE THREAD
H5255X4X4	1/4"	1/4"
H5255X6	3/8"	1/4"
H5255X6X6	3/8"	3/8"
H5255X8	1/2"	3/8"
H5255X8X8	1/2"	1/2"
H5255X10	5/8"	1/2"
H5255X12	3/4"	3/4"
H5255X16	1"	1"
H5255X20	1-1/4"	1-1/4"
H5255X32	2"	2"



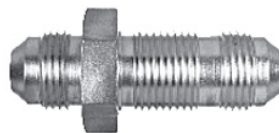
Straight Thread O-Ring 45° Elbow

PART NO	① TUBE O.D.	② PORT SIZE
H5365X4	1/4"	1/4"
H5365X6	3/8"	3/8"
H5365X8	1/2"	1/2"
H5365X8X10	1/2"	5/8"
H5365X12	3/4"	3/4"
H5365X16	1"	1"



90° Union Elbow

PART NO	TUBE O.D.
H5505X6	3/8"
H5505X8	1/2"
H5505X12	3/4"



Bulkhead Union

Nut sold separately, see page F-32

PART NO	TUBE O.D.
H5325X4	1/4"
H5325X6	3/8"
H5325X8	1/2"
H5325X10	5/8"
H5325X12	3/4"
H5325X16	1"



90° Male Elbow

PART NO	① TUBE O.D.	② MALE PIPE THREAD
H5405X4	1/4"	1/8"
H5405X4X4	1/4"	1/4"
H5405X6	3/8"	1/4"
H5405X6X6	3/8"	3/8"
H5405X6X8	3/8"	1/2"
H5405X8	1/2"	3/8"
H5405X8X8	1/2"	1/2"
H5405X8X12	1/2"	3/4"
H5405X10	5/8"	1/2"
H5405X10X12	5/8"	3/4"
H5405X12X8	3/4"	1/2"
H5405X12	3/4"	3/4"
H5405X16	1"	1"
H5405X20	1-1/4"	1-1/4"
H5405X24	1-1/2"	1-1/2"



Swivel Nut 90° Elbow

PART NO	TUBE O.D.
H5506X4	1/4"
H5506X6	3/8"
H5506X8	1/2"
H5506X10	5/8"
H5506X12	3/4"
H5506X16	1"



Small Hex Union

PART NO	① TUBE O.D.	② TUBE O.D.
H5305X4	1/4"	1/4"
H5305X6	3/8"	3/8"
H5305X8X6	1/2"	3/8"
H5305X8	1/2"	1/2"
H5305X10	5/8"	5/8"
H5305X12	3/4"	3/4"
H5305X16	1"	1"
H5305X20	1-1/4"	1-1/4"



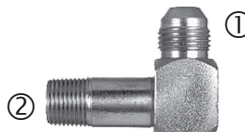
45° Male Elbow

PART NO	① TUBE O.D.	② FEMALE PIPE THREAD
H5355X4X4	1/4"	1/4"
H5355X6	3/8"	1/4"
H5355X6X6	3/8"	3/8"
H5355X8	1/2"	3/8"
H5355X10	5/8"	1/2"
H5355X12	3/4"	3/4"
H5355X16	1"	1"



Large Hex Union

PART NO	TUBE O.D.
H5306X6	3/8"
H5306X8	1/2"
H5306X10	5/8"
H5306X12	3/4"
H5306X16	1"



90° Male Elbow Long

PART NO	① TUBE O.D.	② MALE PIPE THREAD
H5425X4X4	1/4"	1/4"
H5425X10	5/8"	1/2"
H5425X12	3/4"	3/4"
H5425X14	7/8"	3/4"



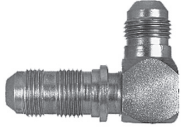
Straight Thread O-Ring 90° Elbow

PART NO	① TUBE O.D.	② PORT SIZE
H5515X5	5/16"	5/16"
H5515X6	3/8"	3/8"
H5515X6X8	3/8"	1/2"
H5515X8X6	1/2"	3/8"
H5515X8	1/2"	1/2"
H5515X8X10	1/2"	5/8"
H5515X10	5/8"	5/8"
H5515X12X10	3/4"	5/8"
H5515X12	3/4"	3/4"
H5515X14	7/8"	7/8"
H5515X16X12	1"	3/4"
H5515X16	1"	1"
H5515X20	1-1/4"	1-1/4"

= Available in Full Color Retail Package

HYDRAULICS

FITTINGS



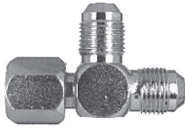
Bulkhead Union Elbow

PART NO	TUBE O.D.
H5525X6	3/8"
H5525X8	1/2"
H5525X10	5/8"
H5525X12	3/4"



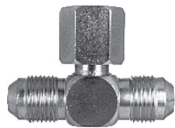
Union Tee

PART NO	TUBE O.D.
H5705X4	1/4"
H5705X6	3/8"
H5705X8	1/2"
H5705X16	1"



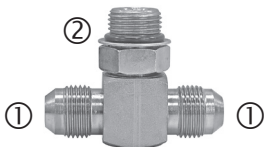
Swivel Nut Run Tee

PART NO	TUBE O.D.
H5706X4	1/4"
H5706X6	3/8"
H5706X8	1/2"
H5706X10	5/8"
H5706X12	3/4"
H5706X16	1"



Swivel Nut Branch Tee

PART NO	TUBE O.D.
H5707X6	3/8"
H5707X8	1/2"
H5707X16	1"



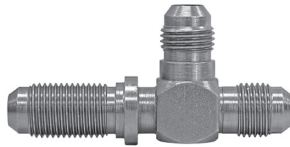
Straight Thread O-Ring Branch Tee

PART NO	① TUBE O.D.	② PORT SIZE
H5715X6	3/8"	3/8"
H5715X8	1/2"	1/2"



Straight Thread O-Ring Run Tee

PART NO	① TUBE O.D.	② PORT SIZE
H5716X4	1/4"	1/4"
H5716X6	3/8"	3/8"
H5716X8	1/2"	1/2"
H5716X12	3/4"	3/4"



Bulkhead Run Tee

PART NO	TUBE O.D.
H5726X6	3/8"
H5726X8	1/2"



Bulkhead Branch Tee

PART NO	TUBE O.D.
H5737X6	3/8"



Bulkhead Nut

PART NO	TUBE O.D.
H5924X4	1/4"
H5924X6	3/8"
H5924X8	1/2"
H5924X10	5/8"
H5924X12	3/4"
H5924X16	1"



90° Straight Thread Hose Connector

PART NO	① MALE SAE THREAD	② HOSE ID
H890X16X12	3/4"	1"
H890X20X16	1"	1 1/4"

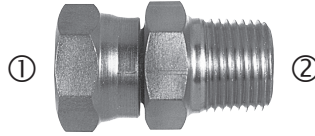
Swivel Adapters

Typical Application: Low, medium, and high hydraulic systems.

Pressure: Up to 10,000 PSI depending on size.

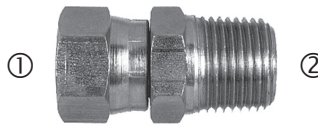
Sealing Method: Metal to metal, 30° cone - NPSM thread.

Plating: Zinc, clear dichromate finish.



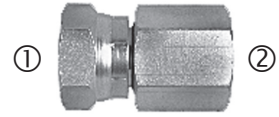
Female 37° JIC Swivel to Male Pipe

PART NO	① TUBE O.D.	② MALE PIPE THREAD
H9100X4X4	7/16"	1/4"
H9100X6X4	9/16"	1/4"
H9100X6X6	9/16"	3/8"
H9100X8X6	3/4"	3/8"
H9100X8X8	3/4"	1/2"
H9100X10X8	7/8"	1/2"
H9100X12X8	1-1/16"	1/2"
H9100X12X12	1-1/16"	3/4"
H9100X16X16	1-5/16"	1"
H9100X20X20	1-5/8"	1-1/4"



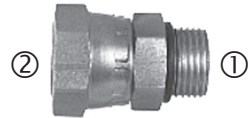
Female Pipe Swivel to Male Pipe Straight

PART NO	① NPSM SWIVEL NUT	② MALE PIPE THREAD
H9205X2X2	1/8"	1/8"
H9205X4X4	1/4"	1/4"
H9205X4X6	1/4"	3/8"
H9205X6X4	3/8"	1/4"
H9205X6X6	3/8"	3/8"
H9205X6X8	3/8"	1/2"
H9205X8X6	1/2"	3/8"
H9205X8X8	1/2"	1/2"
H9205X8X12	1/2"	3/4"
H9205X12X8	3/4"	1/2"
H9205X12X12	3/4"	3/4"
H9205X12X16	3/4"	1"
H9205X16X12	1"	3/4"
H9205X16X16	1"	1"
H9205X20X20	1-1/4"	1-1/4"
H9205X24X24	1-1/2"	1-1/2"
H9205X32X32	2"	2"



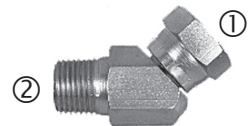
Female Pipe Swivel to Female Pipe Straight

PART NO	① NPSM SWIVEL NUT	② FEMALE PIPE THREAD
H9255X4X4	1/4"	1/4"
H9255X6X6	3/8"	3/8"
H9255X8X8	1/2"	1/2"
H9255X12X12	3/4"	3/4"
H9255X16X16	1"	1"
H9255X20X20	1-1/4"	1-1/4"
H9255X24X24	1-1/2"	1-1/2"
H9255X32X32	2"	2"



Male Straight Thread to Female Pipe Swivel Straight

PART NO	① NPSM SWIVEL NUT	② FEMALE PIPE THREAD
H9315X4X4	7/16"	1/4"
H9315X4X6	7/16"	3/8"
H9315X6X6	9/16"	3/8"
H9315X6X8	9/16"	1/2"
H9315X8X6	3/4"	3/8"
H9315X8X8	3/4"	1/2"
H9315X10X8	7/8"	1/2"
H9315X10X12	7/8"	3/4"
H9315X12X12	1-1/16"	3/4"
H9315X16X16	1-5/16"	1"
H9315X20X20	1-5/8"	1-1/4"



Female Pipe Swivel to Male Pipe 45° Elbow

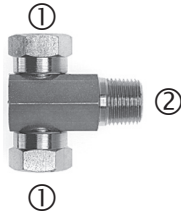
PART NO	① NPSM SWIVEL NUT	② MALE PIPE THREAD
H9355X2X2	1/8-27	1/8-27
H9355X4X4	1/4-18	1/4-18
H9355X6X6	3/8-18	3/8-18
H9355X8X8	1/2-14	1/2-14
H9355X8X12	1/2-14	3/4-14
H9355X12X12	3/4-14	3/4-14
H9355X16X16	1-11 1/2	1-11 1/2
H9355X20X20	1 1/4-11 1/2	1 1/4-11 1/2

See page G34 for Package Part Numbers



Male Straight Thread to Female Pipe Swivel 45° Elbow

PART NO	① STRAIGHT THREAD	② NPSM SWIVEL NUT
H9365X10X8	7/8-14	1/2-14
H9365X12X12	1-1/16-12	3/4-14



Female Pipe Swivel to Male Pipe Branch Tee

PART NO	① NPSM SWIVEL THREAD	② MALE PIPE THREAD
H9406X8X8X8	1/2-14	3/4-14



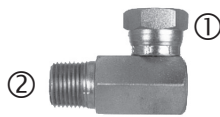
Female Pipe Swivel to Female Pipe 45° Elbow

PART NO	① STRAIGHT THREAD	② NPSM SWIVEL NUT
H9385X4X4	1/4-18	1/4-18
H9385X6X6	3/8-18	3/8-18
H9385X8X8	1/2-14	1/2-14
H9385X12X12	3/4-14	3/4-14



Female Pipe Swivel to Female Pipe 90° Elbow

PART NO	① NPSM SWIVEL NUT	② FEMALE PIPE THREAD
H9455X4X4	1/4-18	1/4-18
H9455X6X6	3/8-18	3/8-18
H9455X8X8	1/2-14	1/2-14
H9455X12X12	3/4-14	3/4-14
H9455X24X24	1½-11½	1½-11½
H9455X32X32	2-11½	2-11½



Female Pipe Swivel to Male Pipe 90° Elbow

PART NO	① NPSM SWIVEL NUT	② MALE PIPE THREAD
H9405X2X2	1/8-27	1/8-27
H9405X4X4	1/4-18	1/4-18
H9405X4X6	1/4-18	3/8-18
H9405X6X4	3/8-18	1/4-18
H9405X6X6	3/8-18	3/8-18
H9405X6X8	3/8-18	1/2-14
H9405X8X6	1/2-14	3/8-18
H9405X8X8	1/2-14	1/2-14
H9405X8X12	1/2-14	3/4-14
H9405X12X12	3/4-14	3/4-14
H9405X16X16	1-11½	1-11½
H9405X16X20	1-11½	1¼-11½
H9405X20X20	1¼-11½	1¼-11½



Male Straight Thread to Female Pipe Swivel 90° Elbow

PART NO	① STRAIGHT THREAD	② NPSM SWIVEL NUT
H9515X4X4	7/16-20	1/4-18
H9515X4X6	7/16-20	3/8-18
H9515X6X6	9/16-18	3/8-18
H9515X6X8	9/16-18	1/2-14
H9515X8X6	3/4-16	3/8-18
H9515X8X8	3/4-16	1/2-14
H9515X10X8	7/8-14	1/2-14
H9515X10X12	7/8-14	3/4-14
H9515X12X12	1-1/16-12	3/4-14
H9515X16X16	1-5/16-12	1-11½

Packaged Hydraulic Fittings

PART NO.	PACKAGE PART NO.
H3069X4	60022
H3069X6	60023
H3069X8	60024
H3069X12X8	60027
H3179X6	60043
H3179X8	60044
H3179X12	60046
H3309X6	60053
H5205X4	60061
H5205X6	60062
H5205X6X6	60063
H5205X8X8	60064
H5315X8X10	60087
H5515X6	60093
H5515X8	60095
H9205X6X6	60103
H9205X8X8	60105
H9205X12X12	60107
H9205X16X16	60109
H9255X8X8	60113
H9405X4X4	60121
H9405X6X6	60122
H9405X8X8	60123
H9405X8X12	60124
H9405X12X12	60126

HYDRAULICS

WETLINE KITS



A. Upright Reservoir/Direct Mount Pump Hydraulic Wetline Kit

Kit contains:

- Upright reservoir
- Frame bracket kit with fasteners
- Reservoir isolation package
- 46 GPM cast iron pump/valve combination with bracket
- 6' internally reinforced 1 1/4" suction hose
- Two 1 1/4" barbed adaptor fittings
- Two 1 1/4" S.S. hose clamps
- One 1" high pressure swivel adaptor
- One 1" wing type high pressure quick detach coupling
- One 6' long 1" high pressure hose

B. Side Mount Reservoir Remote Mount Pump/Direct Mount Pump Hydraulic Wetline Kit

Kit contains:

- Side mount reservoir
- Reservoir bracket kit with fasteners
- 46 GPM cast iron pump/valve combination with bracket
- 6' of internally reinforced 1 1/4" suction hose
- Two 1 1/4" barbed adaptor fittings
- One 1 1/2" x 1 1/4" reducing bushing
- Two 1 1/4" S.S. hose clamps
- One 1" high pressure swivel adaptor
- One 1" wing type high pressure quick detach coupler
- One 6' long 1" high pressure hose

ORDERING INFORMATION

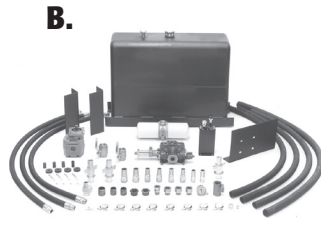
PART NO.	DESCRIPTION	WEIGHT	CAT.
A UWLK50DMCW	50 Gallon Wetline Kit Clockwise Rotation - Direct - Steel Tank	271 lbs.	648 (N)
A UWLK50DMCCW	50 Gallon Wetline Kit Counterclockwise Rotation - Direct - Steel Tank	271 lbs.	648 (N)
A UWLK70DMCW	70 Gallon Wetline Kit Clockwise Rotation - Direct - Steel Tank	320 lbs.	648 (N)
A UWLK70DMCCW	70 Gallon Wetline Kit Counterclockwise Rotation - Direct - Steel Tank	320 lbs.	648 (N)
A UWLK50ADM CW	50 Gallon Wetline Kit Clockwise Rotation - Direct - Aluminum Tank	172 lbs.	648 (N)
A UWLK50ADMCCW	50 Gallon Wetline Kit Counterclockwise Rotation - Direct - Aluminum Tank	172 lbs.	648 (N)
A UWLK70ADM CW	70 Gallon Wetline Kit Clockwise Rotation - Direct - Aluminum Tank	187 lbs.	648 (N)
A UWLK70ADMCCW	70 Gallon Wetline Kit Counterclockwise Rotation - Direct - Aluminum Tank	187 lbs.	648 (N)
A UWLK50PDMCW	50 Gallon Wetline Kit Clockwise Rotation - Direct - Poly Tank	285 lbs.	648 (N)
A UWLK50PDMCCW	50 Gallon Wetline Kit Counterclockwise Rotation - Direct - Poly Tank	285 lbs.	648 (N)
B SMWLK50DMCW	50 Gallon Wetline Kit Clockwise Rotation - Direct - Steel Tank	243 lbs.	648 (N)
B SMWLK50DMCCW	50 Gallon Wetline Kit Counterclockwise Rotation - Direct - Steel Tank	243 lbs.	648 (N)
B SMWLK50PDMCW	50 Gallon Wetline Kit Clockwise Rotation - Direct - Poly Tank	165 lbs.	648 (N)
B SMWLK50PDMCCW	50 Gallon Wetline Kit Counterclockwise Rotation - Direct - Poly Tank	165 lbs.	648 (N)
B SMWLK70DMCW	70 Gallon Wetline Kit Clockwise Rotation - Direct - Steel Tank	261 lbs.	648 (N)
B SMWLK70DMCCW	70 Gallon Wetline Kit Counterclockwise Rotation - Direct - Steel Tank	261 lbs.	648 (N)

IMPORTANT - All new machinery and components contain a certain amount of built in contamination. Flushing components during assembly reduces contamination but never eliminates it. It is essential that new equipment has an off-load period of "running in" to allow the filter to remove contaminants.



A. Aluminum Side Mount Reservoir Hydraulic Wetline Kit

- Direct mount pump
- Kit contains aluminum reservoir and all components that are part of our steel wetline kits



B. Dual Pressure Direct Mount Pump Hydraulic Wetline Kit

- Designed to operate a live floor as well as a dump trailer
- Kit contains:**
 - Upright steel reservoir
 - Frame bracket kit with fasteners
 - Valve panel
 - 42 GPM valve with main relief preset at 2800 PSI
 - Port relief set at 2000 PSI
 - Dowelled pump rated to 3000 PSI
 - 100 GPM return line filter
 - Sleek in cab pneumatic controls with console
 - All hose, adaptors, clamps, & fittings
 - 2 ball valves, 3 wing type couplers



C. 37 Gal. Wetline Kit for Live Floor

- Operates Live Floor Trailer
- Kit includes:**
 - 37 gallon reservoir
 - Dowelled pump w/ built in relief
 - Ball valve, wing couplers, hose, fittings, clamps and adaptors
 - Tank mounted filter 50 GPM
 - This system is designed for optimum speed and longevity



D. 50 Gal. Wetline Kit for Live Floor

- Operates Live Floor Trailer
- Kit includes:**
 - 50 gallon reservoir
 - Dowelled pump w/ built in relief
 - Ball valve, wing couplers, hose, fittings, clamps and adaptors
 - Tank mounted filter 50 GPM
 - This system is designed for optimum speed and longevity

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A SMWLK50ADMCW	50 Gallon Clockwise Rotation - Direct - Wetline Kit	191 lbs.	648 (N)
A SMWLK50ADMCCW	50 Gallon Counterclockwise Rotation - Direct - Wetline Kit	191 lbs.	648 (N)
A SMWLK70ADMCW	70 Gallon Clockwise Rotation - Direct - Wetline Kit	201 lbs.	648 (N)
A SMWLK70ADMCCW	70 Gallon Counterclockwise Rotation - Direct - Wetline Kit	201 lbs.	648 (N)
B DLFK50CCW	50 Gallon Dual Pressure Counterclockwise Rotation Kit, 18 GPM Pump	390 lbs.	648 (N)
B DLFK50CCW24	50 Gallon Dual Pressure Counterclockwise Rotation Kit, 24 GPM Pump	390 lbs.	648 (N)
B DLFK50CCWSM	50 Gallon Dual Pressure Counterclockwise Rotation Kit, 18 GPM Pump	379 lbs.	648 (N)
B DLFK70CCW	70 Gallon Dual Pressure Counter-clockwise Rotation Kit, 18 GPM Pump	430 lbs.	648 (N)
C LFK3718	37 Gallon Reservoir, 18 GPM Pump-Counterclockwise	143.3 lbs.	648 (N)
C LFK3724	37 Gallon Reservoir, 24 GPM Pump-Counterclockwise	143.3 lbs.	648 (N)
D LFK5018	50 Gallon Reservoir, 18 GPM Pump-Counterclockwise	228 lbs.	648 (N)
D LFK5024	50 Gallon Reservoir, 24 GPM Pump-Counterclockwise	228 lbs.	648 (N)

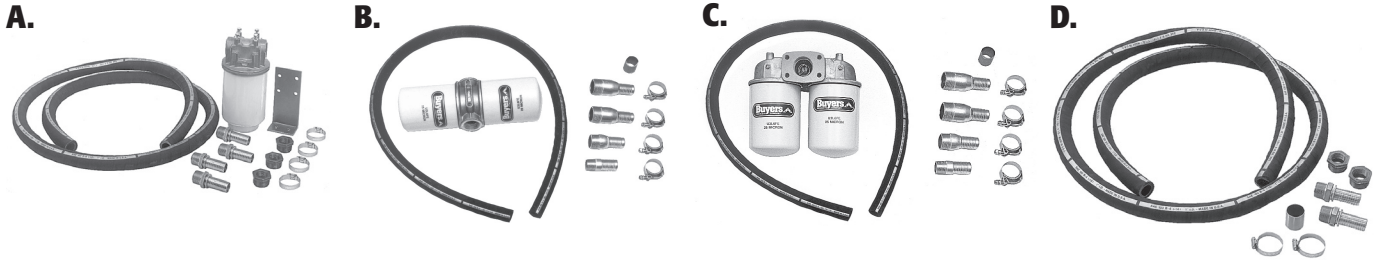
ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
UXLH1	For use with all wetline kits; This part number ordered with a wetline kit will exchange the standard 6' suction & high pressure hoses for 9' suction & high pressure hoses	19.5 lbs.	648 (N)

IMPORTANT - All new machinery and components contain a certain amount of built in contamination. Flushing components during assembly reduces contamination but never eliminates it. It is essential that new equipment has an off-load period of "running in" to allow the filter to remove contaminants.

HYDRAULICS

WETLINE KITS



A. 3-Line Filtration Kit/25 Micron Filter

Kit includes:

- 10' 1" dia. return line hose
- Four 1" barbed adapters
- Three 1¼" x 1" reducing bushings
- Four 1" hose clamps
- Return line filter with bypass and 25 micron spin on element
- Filter to frame mounting bracket
- Pump/valve bypass sleeve
- For up to 3 stage telescopic cylinder

B. 3-Line Filtration Kit/25 Micron High Capacity Over Under Filter

Kit includes:

- 10' 1¼" dia. return line hose
- Four 1¼" barbed adapters
- Four 1¼" hose clamps
- Return line filter with bypass and two 25 micron spin on elements
- Pump/valve bypass sleeve
- For up to 6 stage telescopic cylinder

C. 3-Line Filtration Kit/25 Micron High Capacity Side-by-Side Filter

Kit includes:

- 10' 1¼" dia. return line hose
- Four 1¼" barbed adapters
- Four 1¼" hose clamps
- Return line filter with bypass and two 25 micron spin on elements
- Pump/valve bypass sleeve
- For up to 6 stage telescopic cylinder

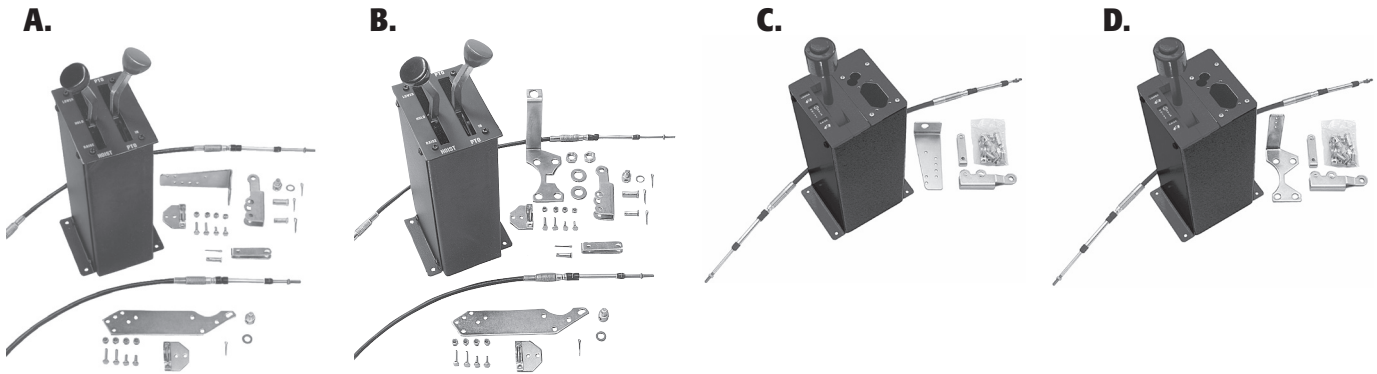
D. 3-Line Kit without Filter

Kit includes:

- 10' 1" dia. return line hose
- Two 1" barbed adapters
- Two 1¼" x 1" bushings
- Two 1" S.S. hose clamps
- Pump/valve bypass sleeve

ORDERING INFORMATION

	PART NO.	DESCRIPTION	RATING	WEIGHT	CAT.
A	U3LWF	3-Line Kit with 25 Micron Filter	50 GPM	17 lbs.	635 (N)
B	U3LWF3	3-Line Kit with 25 Micron High Capacity Filter, Over Under	100 GPM	20 lbs.	635 (N)
C	U3LWF4	3-Line Kit with 25 Micron High Capacity Filter, Side-by-Side	90 GPM	20 lbs.	635 (N)
D	U3LLF	3-Line Kit without Filter	—	10 lbs.	635 (N)



A. Remote Mount Pump Cable Console Shift System Kit

Kit contains:

- Heavy-duty dual lever quadrant
- Black powder coated steel console
- 1/4" stainless steel rod end
- Control cables, 6' and 8' long
- Pump connection kit for attaching cable control to remote mount pump
- P.T.O. connection kit for attaching cable control to dual gear P.T.O.
- Two cable connection kits for attaching cable controls to shift quadrant

B. Direct Mount Pump Cable Console Shift System Kit

Kit contains:

- Heavy-duty dual lever quadrant
- Black powder coated steel console
- 1/4" stainless steel rod end
- Control cables, 6' and 8' long
- Pump connection kit for attaching cable control to direct mount pump
- P.T.O. connection kit for attaching cable control to dual gear P.T.O.
- Two cable connection kits for attaching cable controls to shift quadrant

C. Remote Mount Pump Air P.T.O./Cable Controlled Hoist Cable Console Shift System Kit

Kit contains:

- B-Series hoist shift quadrant
- Black powder coated steel console
- 1/4" stainless steel rod end cable 8' long
- Connection kit for attaching control cable to hoist quadrant
- Connection kit for attaching control cable to remote mount hydraulic pump

D. Direct Mount Pump Air P.T.O./Cable Controlled Hoist Cable Console Shift System Kit

Kit contains:

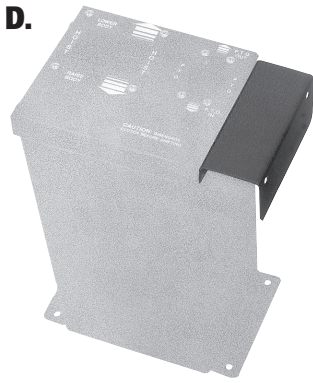
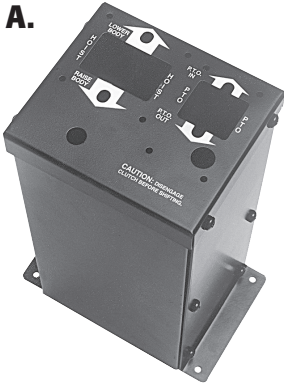
- B-Series hoist shift quadrant
- Mounting plate for CHELSEA- or MUNCIE-type P.T.O. air valve
- Black powder coated steel console
- 1/4" stainless steel rod end cable 8' long
- Connection kit for attaching control cable to hoist quadrant
- Connection kit for attaching control cable to direct mount hydraulic pump

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A UCCS1	Shift System Kit	23.5 lbs.	120 (N)
B UCCS1DMCW	Shift System Kit - Clockwise	23.5 lbs.	120 (N)
B UCCS1DMCCW	Shift System Kit - Counterclockwise	23.5 lbs.	120 (N)
C UCCS1ACM	Air P.T.O./Cable Controlled Hoist Console Kit for Remote Mount Pump - Chelsea or Muncie Type P.T.O.	18.5 lbs.	120 (N)
D UCCS1ACDMCW	Air P.T.O./Cable Controlled Hoist Console Kit for Direct Mount Pump - Clockwise	18.5 lbs.	120 (N)
D UCCS1ACDMCCW	Air P.T.O./Cable Controlled Hoist Console Kit for Direct Mount Pump - Counterclockwise	18.5 lbs.	120 (N)

HYDRAULICS

CONSOLES for WETLINE KITS OPTIONS



A. Air P.T.O./Air Hoist Console

- Black powder coated steel console
- Top panel punched and lettered for mounting a CHELSEA type P.T.O. air valve and a WILLIAMS type hoist air valve
- 5/8" diameter capped hole for air tailgate switch is standard

B. Air P.T.O./Air Hoist Console

- Black powder coated steel console
- Top panel punched and lettered for mounting a MUNCIE type P.T.O. air valve and a WILLIAMS type hoist air valve
- 5/8" diameter capped hole for air tailgate switch is standard

C. Blank Console

- Black powder coated steel console
- Unpunched top panel for mounting air valves, electric switches, gauges, etc

D. Side Mount Accessory Plate

- Designed to mount on all Buyers consoles
- Existing mounting holes are utilized to add capacity to shift consoles
- Ideal for mounting switches, gauges, etc.

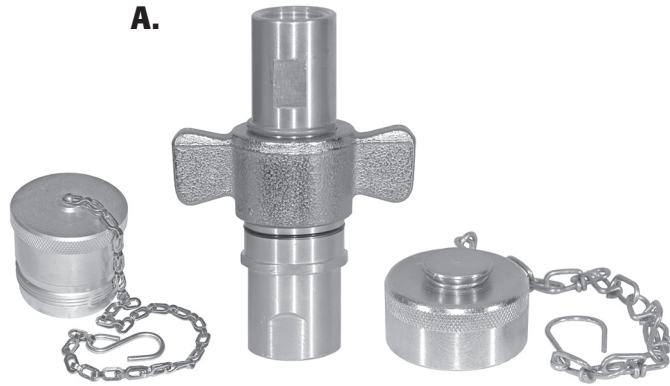
E. Blank Console

- Black powder coated steel console
- Unpunched top panel for mounting air valves, electric switches, gauges, etc

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A AC010	Air P.T.O./Air Hoist Console, 14 1/8" High	12.0 lbs.	220 (N)
A SAC010	Air P.T.O./Air Hoist Console, 6 1/2" High	6.0 lbs.	220 (N)
B AC010M	Air P.T.O./Air Hoist Console, 14 1/8" High	12.0 lbs.	220 (N)
B SAC010M	Air P.T.O./Air Hoist Console, 6 1/2" High	6.0 lbs.	220 (N)
C AC010B	Blank Console, 7" W x 6 1/8" D 14 1/8" H	12.0 lbs.	220 (N)
C SAC010B	Blank Console, 7" W x 6 1/8" D 6 1/2" H	6.0 lbs.	220 (N)
D ACC01	Side Mount Accessory Plate	0.5 lbs.	220 (N)
E BC12914	Blank Console, 12" W x 9" D x 14" H	28.0 lbs.	220 (N)

**See page H4 for
Air Control Valves**



A. Wing Type Quick Detach Hydraulic Coupler

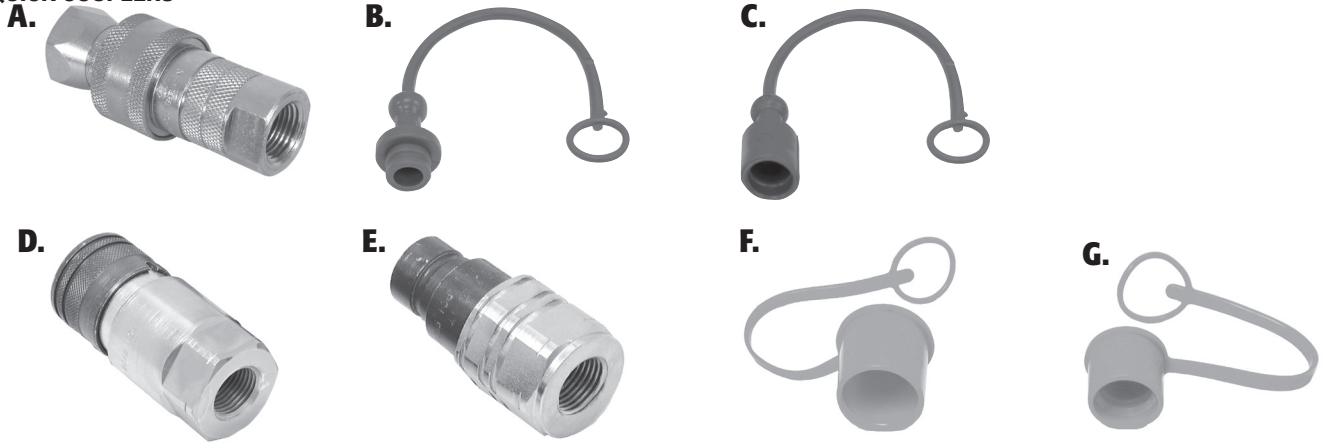
- Solid Brass
- Ductile iron wing sections

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
3/4" NPT Coupler (Flow Rate 18 GPM)			
A QDWC12	3/4" Wing Type Quick Detach Coupler	2.00 lbs.	647 (N)
A QDWC121	3/4" Wing Type Quick Detach Coupler, Male End	0.76 lbs.	647 (N)
A QDWC122	3/4" Wing Type Quick Detach Coupler, Female End	1.24 lbs.	647 (N)
A QDDC121	Steel Dust Cap w/Chain	0.45 lbs.	647 (N)
A QDDP122	Steel Dust Plug w/Chain	0.50 lbs.	647 (N)
1" NPT Coupler (Flow Rate 45 GPM)			
A QDWC16	1" Complete Coupler Male & Female Assemblies	3.25 lbs.	644 (N)
A QDWC161	1" Male End Only	1.35 lbs.	644 (N)
A QDWC162	1" Female End Only	1.90 lbs.	644 (N)
A QDDC161	Steel Dust Cap w/Chain	0.40 lbs.	644 (N)
A QDDP162	Steel Dust Plug w/Chain	0.60 lbs.	644 (N)
1 1/4" NPT Coupler (Flow Rate 75 GPM)			
A QDWC20	1 1/4" Complete Coupler Male & Female Assemblies	4.50 lbs.	644 (N)
A QDWC201	1 1/4" Male End Only	1.70 lbs.	644 (N)
A QDWC202	1 1/4" Female End Only	2.80 lbs.	644 (N)
A QDDC201	Steel Dust Cap w/Chain	0.55 lbs.	644 (N)
A QDDP202	Steel Dust Plug w/Chain	0.70 lbs.	644 (N)
1 1/2" NPT Coupler (Flow Rate 100 GPM)			
A QDWC24	1 1/2" Wing Type Quick Detach Coupler	6.10 lbs.	644 (N)
A QDWC241	1 1/2" Wing Coupler Male End	2.65 lbs.	647 (N)
A QDWC242	1 1/2" Wing Coupler Female End	2.17 lbs.	647 (N)
A QDDC241	Steel Dust Cap w/Chain	0.65 lbs.	644 (N)
A QDDP242	Steel Dust Plug w/Chain	0.80 lbs.	647 (N)

HYDRAULICS

QUICK COUPLERS



A. - C. Sleeve Type Quick Detach Hydraulic Coupler

- Rugged general purpose coupler with a single acting sleeve
- Connects when system is not operating or when pressure has been relieved
- Zinc plated steel bodies

D. - G. Flush-Face Couplers

- Push to connect design, no need to retract the sleeve to connect
- Locking sleeve standard on all sizes to prevent accidental disconnection during operation
- 5,000 PSI rating and a 4 to 1 safety factor
- Very minimal spillage upon disconnection
- No air inclusion upon connection
- Comparable to Parker®, Faster®, Holmbury*, Safeway®*
- A push on "toilet seat" style dust protector for the coupler side helps keep contaminants from entering the hydraulic system
- Manufactured to ISO 16028 specifications

Note: The standard "FF" series couplings are NOT designed to connect or disconnect under pressure even though you are able to connect the plug into the coupler with up to 200 lbs. of residual pressure

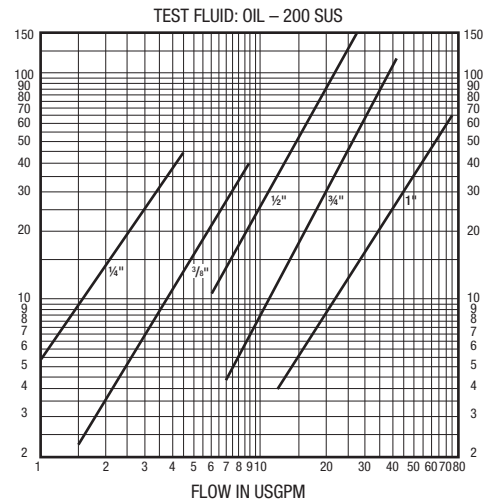
ORDERING INFORMATION

PART NO.	PKG. PART NO.	DESCRIPTION	WEIGHT	CAT.
A B40002	60005	¼" NPTF Coupler Assy.	0.34 lbs.	644 (N)
A B40003	60006	⅜" NPTF Coupler Assy.	0.67 lbs.	644 (N)
A B40004	60007	½" NPTF Coupler Assy.	0.80 lbs.	644 (N)
A B40005	60008	¾" NPTF Coupler Assy.	1.00 lbs.	644 (N)
A B40006		1" NPTF Coupler Assy.	2.50 lbs.	644 (N)
B B40002DP		¼" Dust Plug	0.02 lbs.	644 (N)
B B40003DP		⅜" Dust Plug	0.04 lbs.	644 (N)
B B40004DP		½" Dust Plug	0.04 lbs.	644 (N)
B B40005DP		¾" Dust Plug	0.11 lbs.	644 (N)
B B40006DP		1" Dust Plug	0.11 lbs.	644 (N)
C B40002DC		¼" Dust Cap	0.03 lbs.	644 (N)
C B40003DC		⅜" Dust Cap	0.04 lbs.	644 (N)
C B40004DC		½" Dust Cap	0.04 lbs.	644 (N)
C B40005DC		¾" Dust Cap	0.07 lbs.	644 (N)
C B40006DC		1" Dust Cap	0.14 lbs.	644 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	PORT NPT	WEIGHT	CAT.
D FF0606	⅜" Female Coupler	⅜"	0.70 lbs.	644 (N)
D FF0608	⅜" Female Coupler	½"	0.67 lbs.	644 (N)
D FF0808	½" Female Coupler	½"	1.19 lbs.	644 (N)
D FF0812	½" Female Coupler	¾"	1.13 lbs.	644 (N)
D FF08S12	½" Female Coupler	1 1/16"-12 UNF	1.10 lbs.	644 (N)
D FF1012	5/8" Female Coupler	3/4"	1.23 lbs.	644 (N)
D FF10S78	5/8" Female Coupler	7/8"-14 UNF	1.24 lbs.	644 (N)
E FM0606	⅜" Male Plug	⅜"	0.42 lbs.	644 (N)
E FM0608	⅜" Male Plug	½"	0.39 lbs.	644 (N)
E FM0808	½" Male Plug	½"	0.72 lbs.	644 (N)
E FM0812	½" Male Plug	¾"	0.67 lbs.	644 (N)
E FM08S12	½" Male Plug	1 1/16"-12 UNF	0.64 lbs.	644 (N)
E FM1012	5/8" Male Plug	¾"	0.73 lbs.	644 (N)
E FM10S78	5/8" Male Plug	7/8"-14 UNF	0.76 lbs.	644 (N)
F FF06FC	⅜" Dust Cap, Female Coupler	-	0.05 lbs.	644 (N)
F FF08FC	½" Dust Cap, Female Coupler	-	0.06 lbs.	644 (N)
G FF06MC	⅜" Dust Cap, Male Plug	-	0.04 lbs.	644 (N)
G FF08MC	½" Dust Cap, Male Plug	-	0.04 lbs.	644 (N)

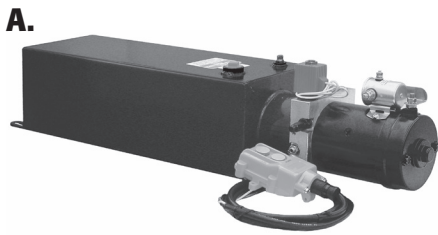
B4000 SERIES (1/4, 3/8, 1/2, 3/4, 1)



B4000 SERIES (1/4, 3/8, 1/2, 3/4, 1)

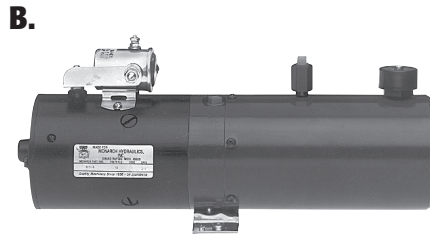
	¼"	⅜"	½"	¾"	1"
Rated PSI	2500	2500	2500	2000	2000
Temp. Range	-40° to +250° F				
Valves	Ball	Ball	Ball	Ball	Poppet

* Buyers Products is not authorized by nor affiliated with the manufacturer of Parker®, Faster®, Holmbury, or Safeway® products.



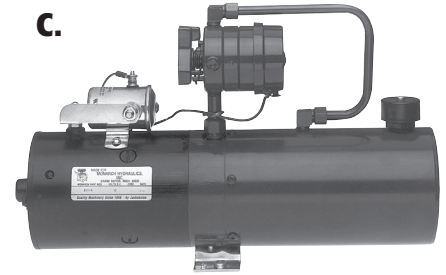
A. Electric 3-Way Valve Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve, flow control on down
- .375" NPTF outlet port
- Suction filter
- Large 5½" x 6½" x 19" reservoir 715 in.³ (3 gallon usable)
- Large dump valve 8 GPM
- Control box with 6' cord
- *Power Up - Gravity Down*



B. No Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- .375" NPTF outlet port
- Suction filter
- Horizontal mounting
- Includes solenoid and strap
- Pump .130 in.³/Rev. 12 Volt D.C.
- No Valve



C. Manual 4-Way Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- 4-way tandem center valve condenser equipped for synchronization with pump/motor
- .250" NPTF valve outlet ports
- Suction filter
- Rod and ball handle
- Horizontal mounting
- *Power Up - Power Down*

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A PU303LRS	6¼" x 7¼" x 21" 3.1 Gallon Steel Reservoir (715 in ³)	48 lbs.	636 (N)
B PU304	6" x 9" Steel Reservoir - 1 Gallon Usable (217 in ³)	31 lbs.	636 (N)
B PU304LR	6¼" x 7" x 15" Steel Reservoir - 2.2 Gallon Usable (510 in ³)	41 lbs.	636 (N)
C PU310	6" x 9" Steel Reservoir - 1 Gallon Usable (217 in ³)	35 lbs.	636 (N)
C PU310LR	6¼" x 7" x 15" Steel Reservoir - 2.2 Gallon Usable (510 in ³)	45 lbs.	636 (N)

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
B63322	Canister Type ,Fits 311LR	0.48 lbs.	636 (N)
1306505	Insulated, Fits 310LR	0.83 lbs.	900 (N)
13060510	Grounded, Fits 304LR, 319LR, 642LR	0.91 lbs.	900 (N)
PU1143	Replacement Filler Cap	0.04 lbs.	636 (N)
M3100	Replacement Motor - Light Duty	16.50 lbs.	600 (N)

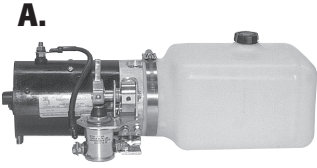
FLOW RATES for HYDRAULIC POWER UNITS

Pressure	GPM
2000 PSI	1.30
2500 PSI	1.20
3000 PSI	1.10

Buyers power units are preset at 2500 PSI

HYDRAULICS

D.C. HYDRAULIC POWER UNITS



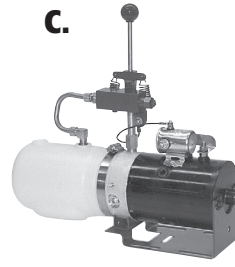
A. Manual 3-Way Release Valve (Metered) D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- Check valve and normally closed manually operated release valve with built-in metering for "fine control" of lowering speed
- Heavy duty motor start switch
- .250" & .375" NPTF outlet ports
- Suction filter
- Rod and ball handle
- Horizontal mounting
- *Power Up - Gravity Down*



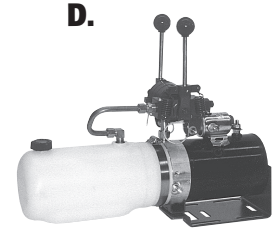
B. Electric 3-Way Release Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve, check valve
- Solenoid actuated, normally closed release valve is mounted externally
- Control station is included
- Double filtration: suction filter and valve body
- .375" NPTF outlet port
- Horizontal mounting
- *Power Up - Gravity Down*



C. Manual 3-Way Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjust-able system relief valve
- Manually operated 3-way valve with cylinder port checked
- Electrical contact for synchronizing valve and motor
- .250" NPTF outlet
- Rod and ball handle
- Suction filter
- Horizontal mounting
- *Power Up - Gravity Down*



D. Manual 3-Way/4-Way Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- 3-way/4-way valve, banked
- 4-way valve is tandem center rotary shear type with .250" NPTF outlets
- 3-way valve has checked cylinder port and .250" NPTF outlet
- Valve assembly is fitted with electrical contacts for synchronizing valve with motor
- Rod and ball handles
- Suction filter
- Horizontal mounting
- *Flow Lift, Plow Angle*

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A PU311	5½" x 6½" x 10" Poly Reservoir - .86 Gallon Usable (199 in ³)	32 lbs.	636 (N)
A PU311LR	5½" x 6½" x 19" Poly Reservoir - 1.87 Gallon Usable (432 in ³)	35 lbs.	636 (N)
B PU319	5½" x 6½" x 10" Poly Reservoir - .86 Gallon Usable (199 in ³)	33 lbs.	636 (N)
B PU319LR	5½" x 6½" x 19" Poly Reservoir - 1.87 Gallon Usable (432 in ³)	42 lbs.	636 (N)
B PU319LRS	5½" x 6½" x 19" Steel Reservoir - 1.87 Gallon Usable (432 in ³)	42 lbs.	636 (N)
C PU5003	4½" x 8" Poly Reservoir 1.36 Quart (79 in ³)	32 lbs.	636 (N)
D PU5007	4½" x 10" Poly Reservoir 1.8 Quart (106 in ³)	35 lbs	636 (N)

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
B63322	Solenoid Canister Type ,Fits 311LR	0.48 lbs.	636 (N)
1306505	Solenoid Insulated, Fits 310LR	0.83 lbs.	900 (N)
1306510	Solenoid Grounded, Fits 304LR, 319LR, 642LR	0.91 lbs.	900 (N)
PU1143	Replacement Filler Cap	0.04 lbs.	636 (N)
M3100	Replacement Motor - Light Duty	16.50 lbs.	600 (N)

FLOW RATES for HYDRAULIC POWER UNITS

Pressure	GPM
2000 PSI	1.30
2500 PSI	1.20
3000 PSI	1.10

Buyers power units are preset at 2500 PSI

A.

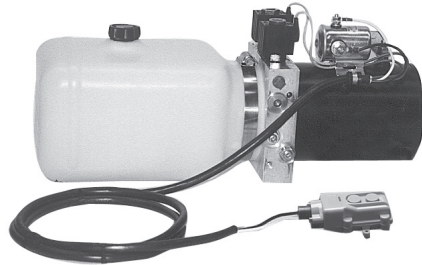


A. Pump/Motor Only D.C. Power Unit

- Pump/motor unit only
- Requires separate self-contained reservoir and valve (sold separately)
- Externally adjustable system relief valve
- .375" NPTF inlet and outlet ports
- .125" NPTF relief valve exhaust port.

Not a replacement unit, will not fit any other units

B.



B. Electric 4-Way Function D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- Check valve
- Cartridge valves are located outside the reservoir on PU642 & PU642LR. Inside on PU642S & PU642LRS
- 4-way function
- C-1 port is positively checked (2500 PSI)
- C-2 port 800 PSI
- .250" NPTF outlet ports
- Factory wired control station and cable
- Triple filtration: suction, high pressure return and valve
- Horizontal mounting.
- *Power Up - Power Down*

C.



C. Electric 4-Way/3-Way Valve D.C. Power Unit

- Pump/motor/reservoir
- Externally adjustable system relief valve
- Check valve
- Cartridge valves are located outside the reservoir on manifold block.
- 4-way/3-way function
- C-1 & C2 plow angle 1200 PSI crossover relief
- C-3 2000 PSI
- .250" NPTF outlet ports
- Factory wired control station and cable
- Triple filtration: suction, high pressure return and valve
- Plow lift and Plow angle

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A PU526	Pump/Motor Only No Reservoir	25 lbs.	636 (N)
B PU642	5½" x 6½" x 10" Poly Reservoir - .86 Gallon Usable (199 in ³)	39 lbs.	636 (N)
B PU642S	5½" x 6½" x 10" Steel Reservoir - .86 Gallon Usable (199 in ³)	39 lbs.	636 (N)
B PU642LR	5½" x 6½" x 19" Poly Reservoir - 1.87 Gallon Usable (432 in ³)	38 lbs.	636 (N)
B PU642LRS	5½" x 6½" x 19" Steel Reservoir - 1.87 Gallon Usable (432 in ³)	38 lbs.	636 (N)
C PU3593	Electric 4-Way/3-Way Power Unit w/ Push Button Valves, Horizontal 1.36 Quart Reservoir	34 lbs.	636 (N)
C PU3593LR	Electric 4-Way/3-Way Power Unit w/ Push Button Valves, Horizontal .83 Gallon Reservoir	42 lbs.	636 (N)
C PU3593LRV	Electric 4-Way/3-Way Power Unit w/ Push Button Valves, Vertical .872 Gallon Reservoir	42 lbs.	636 (N)

NEW
NEW

ACCESSORIES & REPLACEMENT PARTS

PART NO.	DESCRIPTION	WEIGHT	CAT.
B63322	Canister Type ,Fits 311LR	0.48 lbs.	636 (N)
1306505	Insulated, Fits 310LR	0.83 lbs.	900 (N)
13060510	Grounded, Fits 304LR, 319LR, 642LR	0.91 lbs.	900 (N)
PU1143	Replacement Filler Cap	0.04 lbs.	636 (N)
M3100	Replacement Motor - Light Duty	16.50 lbs.	600 (N)

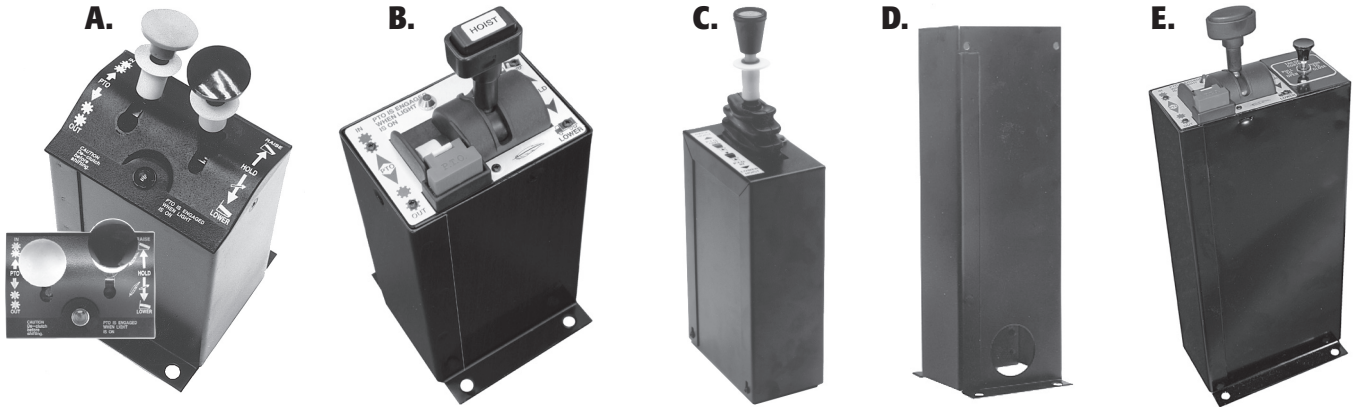
FLOW RATES for HYDRAULIC POWER UNITS

Pressure	GPM
2000 PSI	1.30
2500 PSI	1.20
3000 PSI	1.10

Buyers power units are preset at 2500 PSI

PNEUMATICS

AIR CONTROL VALVES & CONSOLES



A. K80 Series Valves

Applications:

Dump Truck, Dump Trailer, Transfer Trailer, Live Floor Trailer, Asphalt/Live Bottom Trailer, Bottom Dump, Side Dump, Platform Dump, and others

NOTE: White Sleeve = Feathering / Orange Sleeve = Automatic Disengage
K80F, K80DF, K85F, K85DF provide full range feathering qualities (valve regulates pressure from 10 to 125 P.S.I.)

B. P.T.O./Pump Valve

- Controlled Lowering (Feathering)
- Automatic Disengagement of the P.T.O. in "Lower" (K90)

Optional:

- Dead Man Control
- Heavy-duty Console

C. Air Control Valves

- 5-way, 3-position, stackable air control valve with a push button auxiliary function
- Capable of many applications including P.T.O./Hoist control
- Movement of the handle in either direction allows controlled pressure output to work ports 'A' or 'B' respectively, in a proportional manner, allowing feathering

D. - E. Consoles for K80 & K90 Series Valves

- Consoles designed to fit the following valves: K80, K80D, K81, K80F, K80DF, K85F, K85DF, K90, K90D

Shown with K90 and BAV010 installed

ORDERING INFORMATION

PART NO.	DESCRIPTION	COLOR CODE		WEIGHT	CAT.
		PUMP LEVER SLEEVE	P.T.O. LEVER SLEEVE		
A K80	Non-Feathering, Non-Disengage, Non-Return P.T.O./Pump Valve	Yellow	Yellow	2.45 lbs.	645 (N)
A K80D	Non-Feathering, Non-Disengage, Spring Return P.T.O./Pump Valve	Yellow	Yellow	2.45 lbs.	645 (N)
A K80F	Feathering, Non-Disengage, Non-Return P.T.O./Pump Valve	White	Yellow	2.65 lbs.	645 (N)
A K80DF	Feathering, Non-Disengage, Spring Return P.T.O./Pump Valve	White	Yellow	2.65 lbs.	645 (N)
A K85F	Feathering, Disengage, Non-Return P.T.O./Pump Valve	White	Orange	2.65 lbs.	645 (N)
A K85DF	Feathering, Disengage, Spring Return, P.T.O./Pump Valve	White	Orange	2.65 lbs.	645 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B K90	Standard Valve	3.16 lbs.	645 (N)
B K90D	Valve w/ Spring Return Raise (Dead Man Control)	3.16 lbs.	645 (N)
C K70DF	Valve - P.T.O./Hoist, Feather Down	2.60 lbs.	645 (N)
C K70C	Console for K70DF, 31/2 x 63/4 x 10"	2.75 lbs.	645 (N)
C K70B	Bracket (Left Side Driver Seat)	1.00 lbs.	645 (N)
C K70BK	Tubing, Fittings & K70B Bracket	1.50 lbs.	645 (N)
C K70TK	Tubing & Fittings Kit	0.55 lbs.	645 (N)
D K90C	Single Cabinet, 3 1/4" x 4 3/4" x 8"	2.0 lbs	645 (N)
D K90TC	Single Cabinet, 3 1/4" x 4 3/4" x 14"	4.0 lbs	645 (N)
D K90LC	Single Cabinet, 7 1/8" x 6 1/8" x 14 1/8"	2.0 lbs.	645 (N)
E K90TGC	Console only, 3 3/8" x 6 3/4" x 14, accepts K80/K90 plus BAV010	3.5 lbs.	645 (N)

**Valves
& Consoles
Sold
Separately**



A. 4-Way, 2-Position Air Valve

- 4-way, 2-position air valve
- Panel mounted valve is ideal for operating double acting cylinders
- Mounts in dashboards or consoles
- Requires 1/2" dia. hole for mounting
- Includes tailgate control faceplate

B. 4-Way, Manual Air Valve

- 4-way manual air valve
- 3-position detented spool allows for adjusting linkage without shutting off air pressure
- Center position blocks air at valve while opening both cylinder ports to atmosphere
- Large 1/4" NPT ports allow maximum air flow
- Requires a 5/8" mounting hole
- Die Cast Zinc

C. 4-Way, Manual Air Valve

- 4-way, 3-position air valve
- Detented spool allows for adjusting linkage without shutting off air pressure
- Center position blocks air at valve while opening both cylinder ports to atmosphere
- Requires 5/8" dia. hole for mounting
- Anodized aluminum

D. 4-Way, 2-Position Solenoid Valve

- 5 port, 4-way, 2-position solenoid valve
- Large 1/4" N.P.T. ports assure adequate air flow
- Rugged 12 V.D.C. coil comes complete with 2' leads
- Can be easily converted to 3-way operation by installing 2 pipe plugs

E. 1/4" NPT Breather

- Breather Vent
- Max Pressure 150 PSI
- Max Temp 300 F
- 40 Microns

F. Push-Pull Switch

- Normally open switch is designed to operate tailgate solenoid valves
- Can be mounted in dash-boards or consoles
- A 1/2" dia. hole is required
- Tailgate control faceplate is included
- For use w/ BAV050A

G. Filter/Regulator/Lubricator

- Compact design, 9 1/2" L x 4 1/2" W x 7 1/2" H
- Metal bowls w/sight glass, quick detach
- Manual moisture drain
- Replaceable filter
- Die cast, modular design w/ built-in mounts
- Lubricator can be unbolted
- 150 PSI gauge included
- 41° F - 140° F temperature range

H. Hose Reels

- Dual pedestal base & formed support arms
- Durable black powder coat finish
- Fully enclosed heavy-duty spring
- Full flow steel axle, 90° balanced pressure, sealed brass swivel joint
- Decutching gear protects spring from reverse winding
- Four direction, anti-sag roller guide
- 1/2" NPT inlet & outlet
- Durable, black or red exterior grade hose w/ crimped fitting rated for 300 PSI air/water
- Maximum hose temperature 210° F/100° C

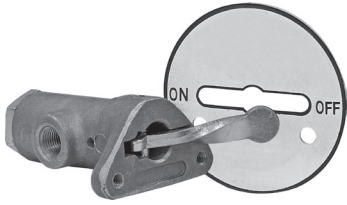
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BAV010	4-Way, 2-Position Air Valve 1/8" N.P.T. Ports	0.50 lbs.	645 (N)
B BAV020	4-Way, 3-Position Air Valve; 1/4" NPT Ports	1.86 lbs.	645 (N)
C BAV015	4-Way, 3-Position Air Valve 1/4" N.P.T. Ports	0.67 lbs.	645 (N)
D BAV050SA	4-Way, 2-Position Solenoid Valve	1.21 lbs.	645 (N)
E BAV02002	1/4" NPT Breather	0.57 lbs.	645 (N)
F BSW050	Push-Pull Switch	0.20 lbs.	645 (N)
G FRL12150	Pneumatic Filter/Reg./Lub. 1/2" NPT, 141 CFM, 150 PSI	5.30 lbs.	570 (N)
H HR3850	3/8" x 50' Black Hose & Steel Reel (air/water)	49.50 lbs.	570 (N)
H HR1250	1/2" x 50' Black Hose & Steel Reel (air/water)	58.50 lbs.	570 (N)

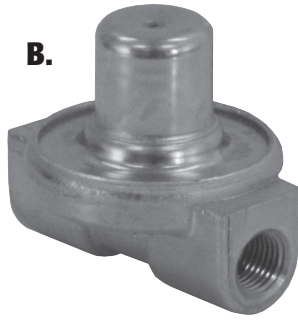
PNEUMATICS

AIR VALVES

A.



B.



C.



D.



E.



F.



G.



H.



A. Universal 3-Way Toggle Valve

- (3) 1/8" NPT Ports
- 174 PSI

B. Pressure Protection Air Valve

- 1/4" NPT Ports
- 70 PSI

C. Universal Air Drain Valve

- Universal
- Automatic, self-closing
- 5' cable, vinyl coated
- Uncrimped end for adjustable length (clip included)
- 1/4" NPTF male thread

D. Pressure Regulator

- Relieving Type
- (2) 1/8" NPTF Work Ports
- (2) 1/8" Gauge Ports
- (2) Plugs
- Maximum inlet pressure: 300 PSI
- Regulating Range: 2-60 PSI
- Locking Knob

Compares to Parker® #14R013FC with P01531 nut

E. Toggle Air Valve

- 4-way
- 5-port, 1/8"
- Commonly used with lift axle controllers
- 2-position
- 150 PSI

Compares to Parker® 410811000

F. Pressure Gauge

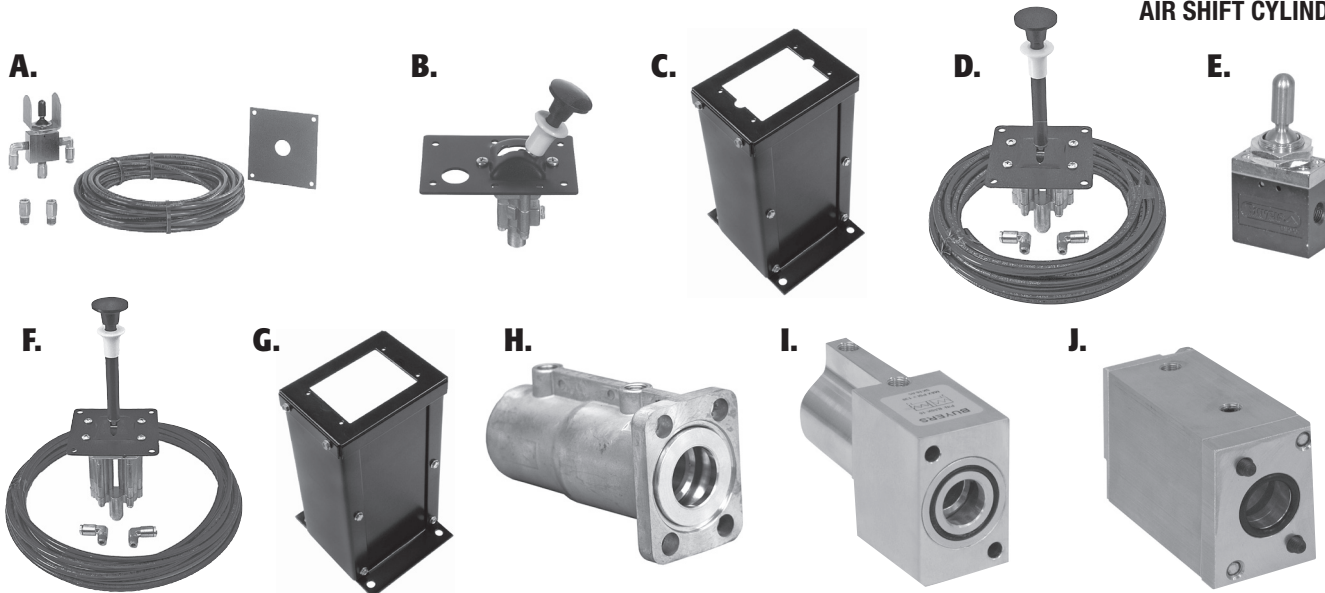
- 2" Dial
 - 0-160 PSI
 - 1/8" NPT Male
 - 12 VDC backlit gauge
- Compares to Parker® AM-2.0-150MMPM*

G. - H. Lift Axle Control Assemblies

- In cab controls for air suspension and lift axle
- Pre-plumbed and assembled
- Fittings/DOT tubing and mounting plate included
- 17.25"L x 3.75"T Steel mounting plate is pre-drilled & powder coated
- Available in single or double acting
- Individual components also available

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 6451000	Toggle Air Valve w/Faceplate, 174 PSI; 1/8" NPT Ports	0.30 lbs.	645 (N)
	B 6451005	Pressure Protection Air Valve, 70 PSI Closing; 1/4" NPT Ports	0.53 lbs.	645 (N)
	C 6451010	Universal Air Drain Valve	0.24 lbs.	645 (N)
	D 6451025	Pressure Regulator	0.40 lbs.	645 (N)
	E 6451030	Toggle Valve, 4-way, 5-port	0.50 lbs.	645 (N)
	F 6451035	Pressure Gauge	0.23 lbs.	645 (N)
NEW	G 6451050	Lift Axle Control Assembly w/ Push/Pull Air Valve, 1/4" dia. Nylon Tubing, Single Acting	2.40 lbs.	645 (N)
NEW	G 6451055	Lift Axle Control Assembly w/ Push/Pull Air Valve, 3/8" dia. Nylon Tubing, Double Acting	2.50 lbs.	645 (N)
NEW	H 6451051	Lift Axle Control Assembly w/ Toggle Air Valve, 1/4" dia. Nylon Tubing, Single Acting	2.43 lbs.	645 (N)



A. Toggle Style Air Valve Kit

- Spring return brass air feathering toggle valve
- Brass push in fittings
- 25' x 1/4" dia. nylon D.O.T. approved tubing
- Console adapter plate
- Stainless steel finger guard

F. Neutral Lockout/Feathering Air Valve Kit

- Spring return neutral lockout feathering valve
- Brass compression fittings
- 25' x 1/4" dia. tubing

B. 3 Way, 2 Position Air Valve

- 3-way 2-position detented
- Manual air valve used for engaging PTO's

C. 8" Console

- Console for BAV030

D. Neutral Lockout Air Valve Kit

- Spring return neutral lockout air valve
- Brass compression fittings
- 25' x 1/4" dia. tubing

E. Neutral Lockout Toggle with 3 Position Detents

G. 8" Console

- Console for K1010AS or K1010FAS

H. - J. Air Shift Cylinder for Hydraulic Pump w/ Manual Valve

- Converts manual pump operation to pneumatically controlled pump
- Complete with pump activator cylinder and mounting hardware

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	K1010TAS	Toggle Style Air Valve Kit	1.26 lbs.	645 (N)
B	BAV030	3-Way 2-Position, Manual Air Valve	0.90 lbs.	645 (N)
B	BAV030B	Bulb for BAV030, 3/4" Amber	0.31 lbs.	645 (N)
C	BAV030C	8" Console for BAV030	5.50 lbs.	645 (N)
D	K1010AS	Neutral Lockout Air Valve Kit	2.40 lbs.	645 (N)
D	BAV040	4-Way, 3 Position Air Valve, Only	2.00 lbs.	645 (N)
E	BAV020TD	Toggle Detented Valve Only	1.00 lbs.	645 (N)
E	BAV020T	Toggle Valve Only	1.00 lbs.	645 (N)
F	K1010FAS	Neutral Lockout/Feathering Air Valve Kit	2.40 lbs.	645 (N)
F	K1010FAS1	Neutral Lockout/Feathering Air Valve Only (fittings and tubing not included)	1.57 lbs.	645 (N)
G	K1010C	8" Console for K1010AS or K1010FAS	5.50 lbs.	645 (N)
H	AS301 ①*	Air Shift Cylinder	2.34 lbs.	646 (N)
H	AS302*	Air Shift Cylinder with Tubing & Fittings (NT04025 & BE90M25P125)	2.65 lbs.	646 (N)
I	BASK16 ②*	Air Shift Cylinder	1.43 lbs.	646 (N)
J	BASK16P ③*	Air Shift Cylinder	1.38 lbs.	646 (N)

*Valve, tubing, fitting, and bracket kit are sold separately. Part No. K1010TAS

*Buyers Products is not authorized by nor affiliated with the manufacturer of Commercial, Permco, Tyrone, or Muncie® products.

- ① Compares to:
Commercial* C101/C102
Buyers BPC1010
Muncie* E Series
Permco* DMD25/DM640
Tyrone* T101/T102
- ② Compares to:
Commercial* G101/G102
Hydrastar CH101/CH102
- ③ Compares to:
Buyers H101/H102
Permco* DM300/DM400

PNEUMATICS

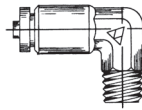
BRASS D.O.T. PUSH-IN AIR FITTINGS & TUBING

Brass D.O.T. Push-In Air Fittings

- Brass construction
- Meet D.O.T. FMVSS 571.106 air brake performance specifications

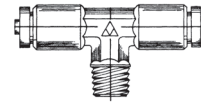
PRODUCT CATEGORY

All Push in Air Fittings: CAT. 649(N)



MALE ELBOW

PART NO.	TUBE O.D.	PIPE THREAD
BE90M25P125	1/4"	1/8"
BE90M25P25	1/4"	1/4"
BE90M375P25	3/8"	1/4"
BE90M375P375	3/8"	3/8"



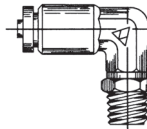
MALE BRANCH TEE

PART NO.	TUBE O.D.	PIPE THREAD
BBTOM25P125	1/4"	1/8"
BBTOM25P25	1/4"	1/4"
BBTOM375P25	3/8"	1/4"
BBTOM375P375	3/8"	3/8"



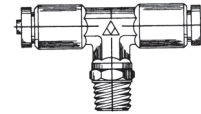
UNION CONNECTOR

PART NO.	TUBE O.D.
BUCOP25	1/4"
BUCOP375	3/8"



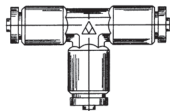
SWIVEL MALE ELBOW

PART NO.	TUBE O.D.	PIPE THREAD
BE90M25P125S	1/4"	1/8"
BE90M25P25S	1/4"	1/4"
BE90M375P25S	3/8"	1/4"
BE90M375P375S	3/8"	3/8"



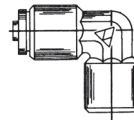
SWIVEL MALE BRANCH TEE

PART NO.	TUBE O.D.	PIPE THREAD
BBTOM25P125S	1/4"	1/8"
BBTOM25P25S	1/4"	1/4"
BBTOM375P25S	3/8"	1/4"
BBTOM375P375S	3/8"	3/8"



UNION TEE

PART NO.	TUBE O.D.
BUTOP25	1/4"
BUTOP375	3/8"



FEMALE ELBOW

PART NO.	TUBE O.D.	PIPE THREAD
BE90F25P125	1/4"	1/8"
BE90F25P25	1/4"	1/4"
BE90F375P25	3/8"	1/4"
BE90F375P375	3/8"	3/8"

PRODUCT CATEGORY

All Push in Air Fittings: CAT. 649(N)

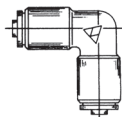


D.O.T. Nylon Air Tubing

ORDERING INFORMATION

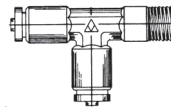
PART NO.	COLOR	TUBE O.D. SIZE	LENGTH	WEIGHT
NT04100	Black	1/4"	100 ft.	1.71 lbs.
NT04250	Black	1/4"	250 ft.	3.53 lbs.
NT06100	Black	3/8"	100 ft.	3.19 lbs.
NT06500	Black	3/8"	500 ft.	15.5 lbs.
NT08100	Black	1/2"	100 ft.	5.75 lbs.
NT08500	Black	1/2"	500 ft.	22.25 lbs.
NT10100	Black	5/8"	100 ft.	9.0 lbs.
NT10250	Black	5/8"	250 ft.	21.2 lbs.
NT12050	Black	3/4"	50 ft.	5.0 lbs.
NTB04100	Blue	1/4"	100 ft.	1.22 lbs.
NTB06100	Blue	3/8"	100 ft.	3.19 lbs.
NTG04100	Green	1/4"	100 ft.	1.23 lbs.
NTG06100	Green	3/8"	100 ft.	2.80 lbs.
NTY04100	Yellow	1/4"	100 ft.	1.24 lbs.
NTY06100	Yellow	3/8"	100 ft.	2.77 lbs.
NTY08100	Yellow	1/2"	100 ft.	5.75 lbs.
NTR04100	Red	1/4"	100 ft.	1.71 lbs.
NTR06100	Red	3/8"	100 ft.	4.00 lbs.
NTR08100	Red	1/2"	100 ft.	5.75 lbs.

* Product Cat. for all Air Tubing 649 (N)



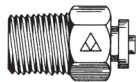
UNION ELBOW

PART NO.	TUBE O.D.
BUE90P25	1/4"
BUE90P375	3/8"



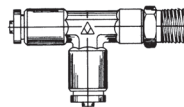
MALE RUN TEE

PART NO.	TUBE O.D.	PIPE THREAD
BRTOM25P125	1/4"	1/8"
BRTOM25P25	1/4"	1/4"
BRTOM375P25	3/8"	1/4"



MALE CONNECTOR

PART NO.	TUBE O.D.	PIPE THREAD
BC00M25P125	1/4"	1/8"
BC00M25P25	1/4"	1/4"
BC00M375P25	3/8"	1/4"
BC00M375P375	3/8"	3/8"



SWIVEL MALE RUN TEE

PART NO.	TUBE O.D.	PIPE THREAD
BRTOM25P125S	1/4"	1/8"
BRTOM25P25S	1/4"	1/4"
BRTOM375P25S	3/8"	1/4"
BRTOM375P375S	3/8"	3/8"

Brass/Poly D.O.T. Push-In Air Fittings

- Brass/Poly construction
- Meet D.O.T. FMVSS 571.106 air brake performance specifications

PRODUCT CATEGORY

All Push in Air Fittings: CAT. 649(N)



UNION CONNECTOR

PART NO	TUBE O.D.
NUC0P25	1/4"
NUC0P375	3/8"
NUC0P500	1/2"
NUC0P625	5/8"
NUC0P750	3/4"



UNION TEE

PART NO.	TUBE O.D.
NUT0P25	1/4"
NUT0P375	3/8"
NUT0P500	1/2"
NUT0P625	5/8"



UNION ELBOW

PART NO.	TUBE O.D.
NUE90P25	1/4"
NUE90P375	3/8"
NUE90P500	1/2"



SWIVEL FEMALE ELBOW

PART NO.	TUBE O.D.	PIPE THREAD
NE90F25P125S	1/4"	1/8"
NE90F25P25S	1/4"	1/4"
NE90F375P25S	3/8"	1/4"
NE90F375P375S	3/8"	3/8"
NE90F500P25S	1/2"	1/4"
NE90F500P375S	1/2"	3/8"
NE90F500P500S	1/2"	1/2"



MALE CONNECTOR

PART NO.	TUBE O.D.	PIPE THREAD
NC00M25P125	1/4"	1/8"
NC00M25P25	1/4"	1/4"
NC00M375P25	3/8"	1/4"
NC00M375P375	3/8"	3/8"
NC00M500P25	1/2"	1/4"
NC00M500P375	3/8"	3/8"
NC00M500P500	1/2"	1/2"
NC00M625P375	5/8"	3/8"
NC00M625P500	5/8"	1/2"
NC00M750P375	3/4"	3/8"
NC00M750P500	3/4"	1/2"
NC00M750P750	3/4"	3/4"



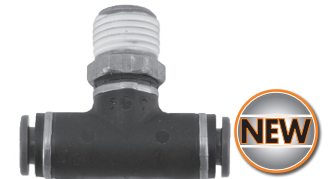
SWIVEL MALE ELBOW

PART NO.	TUBE O.D.	PIPE THREAD
NE90M25P125S	1/4"	1/8"
NE90M25P25S	1/4"	1/4"
NE90M375P25S	3/8"	1/4"
NE90M375P375S	3/8"	3/8"
NE90M500P25S	1/2"	1/4"
NE90M500P375S	1/2"	3/8"
NE90M500P500S	1/2"	1/2"
NE90M625P375S	5/8"	3/8"
NE90M625P500S	5/8"	1/2"
NE90M750P500S	3/4"	1/2"



SWIVEL MALE RUN TEE

PART NO.	TUBE O.D.	PIPE THREAD
NRT0M25P125S	1/4"	1/8"
NRT0M25P25S	1/4"	1/4"
NRT0M375P25S	3/8"	1/4"
NRT0M375P375S	3/8"	3/8"
NRT0M500P25S	1/2"	1/4"
NRT0M500P375S	1/2"	3/8"
NRT0M500P500S	1/2"	1/2"



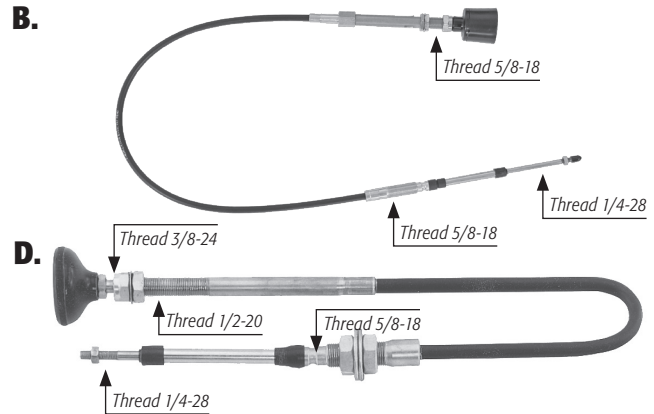
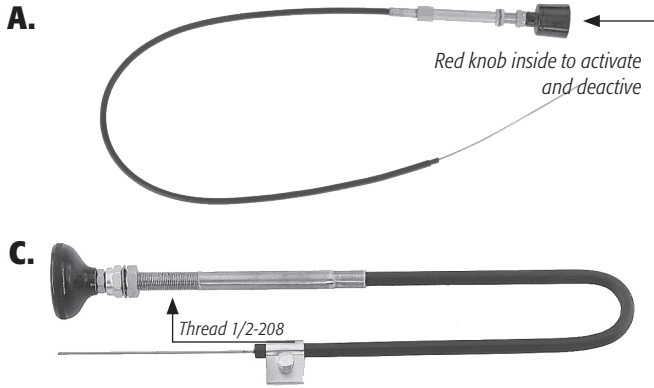
SWIVEL MALE BRANCH TEE

PART NO.	TUBE O.D.	PIPE THREAD
NBT0M25P125S	1/4"	1/8"
NBT0M25P25S	1/4"	1/4"
NBT0M375P25S	3/8"	1/4"
NBT0M375P375S	3/8"	3/8"
NBT0M500P25S	1/2"	1/4"
NBT0M500P375S	1/2"	3/8"
NBT0M500P500S	1/2"	1/2"
NBT0M625P375S	5/8"	3/8"
NBT0M625P500S	5/8"	1/2"

PRODUCT CATEGORY
All Push in Air Fittings: CAT. 649(N)

CABLES & CONTROL SYSTEMS

MID-LATCH CABLE CONTROLS VALVE CONTROL CABLES



A. Plain End - 5" Travel

- Mid-latch controls satisfy OSHA requirements for latching hoist controls for dump body applications.
- Ideal for operating hydraulic valves and forward-reverse P.T.O.s
- 5" of total travel (2½" on both sides of the center detent)
- Standard ⅜" conduit
- .091 stainless steel core wire
- Can be cut to length by the installer

B. Rod End - 3" Travel

- Mid-latch controls satisfy OSHA requirements for latching hoist controls for dump body applications.
- Ideal for operating hydraulic valves and forward-reverse P.T.O.s
- 3" of total travel (1½" on both sides of the center detent).
- ¼" stainless steel output rod
- Universal style bulkhead/clamp conduit fitting
- Factory lubricated and sealed.

C. R38D-Series 5" Travel Stainless Steel Core Wire

- Part No. 65 Knob
- ⅜" - 24 THD. & ½" - 20 THD.
- .375 diameter conduit
- .088 diameter stainless steel core
- Long lay construction
- Includes Clip as shown (Part No. 4100)

D. R38DR-Series 3" Travel Stainless Steel Core Wire w/ Rod End Control

- Part No. 65 Knob
- ½" - 20 THD., ⅝" - 18 THD., & ¼" - 28 THD.
- .375 diameter conduit
- .088 diameter stainless steel core
- Long lay construction

Order nuts and washers separately. Shown with combination bulkhead and clamp mount. For Bulkhead applications order BNW015 Nut & Washer Kit.

ORDERING INFORMATION				
	PART NO.	CABLE LENGTH	WEIGHT	CAT.
A	R38LL5X04	4'	1.94 lbs.	181 (Y)
A	R38LL5X06	6'	2.19 lbs.	181 (Y)
A	R38LL5X08	8'	2.53 lbs.	181 (Y)
A	R38LL5X10	10'	2.64 lbs.	181 (Y)
A	R38LL5X12	12'	3.20 lbs.	181 (Y)
A	R38LL5X15	15'	3.32 lbs.	181 (Y)
A	R38LL5X20	20'	3.97 lbs.	181 (Y)
A	R38LL5X25	25'	4.65 lbs.	181 (Y)
B	R38LLR3X06	6'	2.45 lbs.	181 (Y)
B	R38LLR3X08	8'	2.70 lbs.	181 (Y)
B	R38LLR3X10	10'	2.88 lbs.	181 (Y)
B	R38LLR3X12	12'	3.19 lbs.	181 (Y)
B	R38LLR3X25	25'	4.79 lbs.	181 (Y)
B	R38LLR3X30	30'	5.32 lbs.	181 (Y)

See pgs. D34 - D36 for Rod and Clevis Assemblies
See pgs. I13 & I14 for Hardware & Accessories

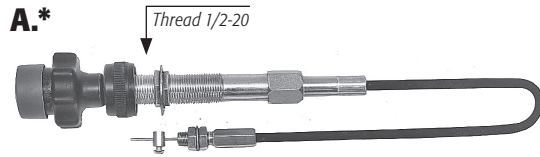
ORDERING INFORMATION				
	PART NO.	DESCRIPTION	WEIGHT	CAT.
C	R38D6X06	6' SS Core Wire	2.13 lbs.	160 (Y)
C	R38D6X08	8' SS Core Wire	2.13 lbs.	160 (Y)
C	R38D6X10	10' SS Core Wire	2.34 lbs.	160 (Y)
C	R38D6X12	12' SS Core Wire	2.75 lbs.	160 (Y)
C	R38D6X15	15' SS Core Wire	3.00 lbs.	160 (Y)
C	R38D6X20	20' SS Core Wire	3.63 lbs.	160 (Y)
C	R38D6X25	25' SS Core Wire	4.25 lbs.	160 (Y)
C	R38D6X30	30' SS Core Wire	4.88 lbs.	160 (Y)
D	R38DR3X04	4' SS Core Wire w/ Rod End Control	1.88 lbs.	180 (Y)
D	R38DR3X06	6' SS Core Wire w/ Rod End Control	2.13 lbs.	180 (Y)
D	R38DR3X08	8' SS Core Wire w/ Rod End Control	2.38 lbs.	180 (Y)
D	R38DR3X10	10' SS Core Wire w/ Rod End Control	2.63 lbs.	180 (Y)
D	R38DR3X12	12' SS Core Wire w/ Rod End Control	2.88 lbs.	180 (Y)
D	R38DR3X15	15' SS Core Wire w/ Rod End Control	3.25 lbs.	180 (Y)
D	R38DR3X20	20' SS Core Wire w/ Rod End Control	3.88 lbs.	180 (Y)
D	R38DR3X25	25' SS Core Wire w/ Rod End Control	4.38 lbs.	180 (Y)

Imprinted Knob for P.T.O. and Pump Cable

Imprinted knobs are available with your company name or logo. A minimum initial order of 25 pieces or RD38D, R05B, or RO4D-Series Cables is required. A combination of all series cables, of assorted lengths, enables you to receive imprinted knobs with cables at no additional charge. No tooling charges or minimum reorder required.



REPLACEMENT PART & ACCESSORIES			
PART NO.	DESCRIPTION	WEIGHT	CAT.
65	Imprinted Knob for P.T.O. & Pump Cable	0.13 lbs.	290 (N)



A. 3100-Series Vernier Adjustable Locking Control Cables

- 3/4-16 UNF
- .260 diameter conduit
- .075 dia. stainless steel core shown w/ optional Bulkhead Fitting part number 1207R

B. 4100-Series Vernier Heavy-Duty Adjustable Locking Control Cables

- 3/4-16 UNF
- .375 diameter conduit
- .088 dia. stainless steel core shown w/ optional Bulkhead Fitting part number 1238

C. Vernier Adjustable Locking Control Cable Replacement Head

- O-Ring sealed plunger assembly suitable for exterior applications
- Adjustable friction collet assures stable settings in the presence of severe vibration
- Dual lock balls provide increased load range & extended plunger life

D. Mack® Replacement Throttle Cable, Stop Cable

- Designed for panels with 5/8" square mounting holes
- Easily trim to size

ORDERING INFORMATION

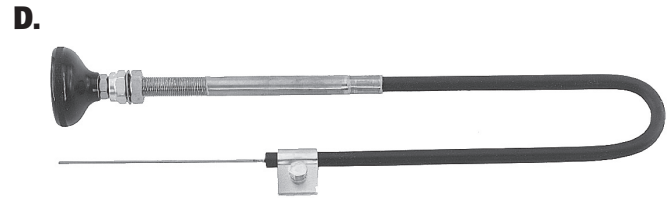
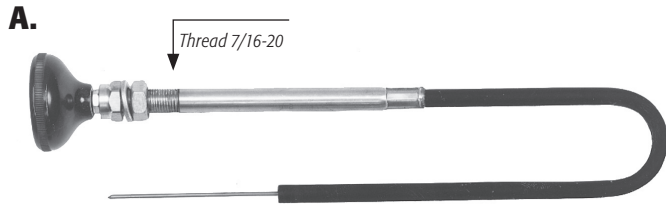
PART NO.	DESCRIPTION	WEIGHT	CAT.
A VCGT3100X06	6' Vernier Adjustable Locking Control Cables	1.94 lbs.	140 (Y)
A VCGT3100X10	10' Vernier Adjustable Locking Control Cables	2.19 lbs.	140 (Y)
A VCGT3100X15	15' Vernier Adjustable Locking Control Cables	2.63 lbs.	140 (Y)
A VCGT3100X20	20' Vernier Adjustable Locking Control Cables	2.96 lbs.	140 (Y)
A VCGT3100X25	25' Vernier Adjustable Locking Control Cables	3.28 lbs.	140 (Y)
A VCGT3100X30	30' Vernier Adjustable Locking Control Cables	3.65 lbs.	140 (Y)
B VCGTX06	6' Vernier Heavy-Duty Adjustable Locking Control Cables	2.25 lbs.	140 (Y)
B VCGTX10	10' Vernier Heavy-Duty Adjustable Locking Control Cables	2.75 lbs.	140 (Y)
B VCGTX15	15' Vernier Heavy-Duty Adjustable Locking Control Cables	3.38 lbs.	140 (Y)
B VCGTX20	20' Vernier Heavy-Duty Adjustable Locking Control Cables	4.00 lbs.	140 (Y)
B VCGTX25	25' Vernier Heavy-Duty Adjustable Locking Control Cables	4.63 lbs.	140 (Y)
B VCGTX30	30' Vernier Heavy-Duty Adjustable Locking Control Cables	5.00 lbs.	140 (Y)
B VCGTX35	35' Vernier Heavy-Duty Adjustable Locking Control Cables	5.88 lbs.	140 (Y)
C VCGTH0	Vernier Cable Head Only	1.00 lbs.	140 (Y)
D R109	108" Stop Cable	0.75 lbs.	210 (Y)

See pgs. I13 & I14 for Hardware & Accessories

* Buyers Products is not authorized by nor affiliated with the manufacturer of Mack® products.

CABLES & CONTROL SYSTEMS

CONTROL CABLES



A. R05B-Series 5" Travel Control Cables

- Comparable to Chelsea®* cables
- Part No. 65 Knob
- 3/8" - 24 THD. & 1/2" - 20 THD
- .312 diameter spiral wound conduit
- .085 diameter stainless steel core

Spiral wound conduit can be cut with side cutting pliers

B. R09D-Series 3 1/2" Travel, Heavy-Duty T-Handle Locking Cables

- 7/16" - 20 THD. & 1/2" - 20 THD.
- .260 diameter conduit
- .073 diameter oil tempered core

C. R21C-Series Choke Cables

- Available in 6', 8', 10', 15' lengths

D. R04D-Series 5" Travel Oil Tempered Steel Core Wire

- 3/8"-24 Thd and 1/2"-20 Thd
- .375 diameter conduit
- .091 diameter oil tempered steel core
- Long lay construction
- Includes Clip as shown (Part No. 4100)

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	R05B5X06	6' Travel Control Cables	1.94 lbs.	161 (Y)
A	R05B5X10	10' Travel Control Cables	2.38 lbs.	161 (Y)
A	R05B5X15	15' Travel Control Cables	3.05 lbs.	161 (Y)
B	R09D3.5X06	6' Heavy-Duty T-Handle Locking Cables	1.38 lbs.	150 (Y)
B	R09D3.5X10	10' Heavy-Duty T-Handle Locking Cables	1.63 lbs.	150 (Y)
B	R09D3.5X15	15' Heavy-Duty T-Handle Locking Cables	2.00 lbs.	150 (Y)
B	R09D3.5X20	20' Heavy-Duty T-Handle Locking Cables	2.38 lbs.	150 (Y)
B	R09D3.5X25	25' Heavy-Duty T-Handle Locking Cables	2.63 lbs.	150 (Y)
B	R09D3.5X30	30' Heavy-Duty T-Handle Locking Cables	3.13 lbs.	150 (Y)
C	R21CX06	6' Choke Cables	0.33 lbs.	190 (Y)
C	R21CX08	8' Choke Cables	0.34 lbs.	190 (Y)
C	R21CX10	10' Choke Cables	1.00 lbs.	190 (Y)
C	R21CX15	15' Choke Cables	0.72 lbs.	190 (Y)
D	R04D4.5X06	6' Travel Oil Tempered Steel Core Wire	1.88 lbs.	170 (Y)
D	R04D4.5X08	8' Travel Oil Tempered Steel Core Wire	2.25 lbs.	170 (Y)
D	R04D4.5X10	10' Travel Oil Tempered Steel Core Wire	2.50 lbs.	170 (Y)
D	R04D4.5X12	12' Travel Oil Tempered Steel Core Wire	2.63 lbs.	170 (Y)
D	R04D4.5X15	15' Travel Oil Tempered Steel Core Wire	3.13 lbs.	170 (Y)
D	R04D4.5X20	20' Travel Oil Tempered Steel Core Wire	3.75 lbs.	170 (Y)

*Buyers Products is not authorized by nor affiliated with the manufacturer of Chelsea products.



A. Single-Axis Remote Valve Control

- Weatherproof zinc diecast control
- Can be mounted on interior or exterior of vehicle
- Units can be mounted singly or stacked for multi-spool valves



B. Single-Axis with Detent Remote Valve Control

- Added safety feature of detents
- Weatherproof zinc diecast control
- Can be mounted on interior or exterior of vehicle
- Units can be mounted singly or stacked for multi-spool valves



C. Single-Axis Remote Valve Control

- Center locking or non-locking
- 70° handle, composite pivot
- For use with RVC "B302845" series cables
- Rear cable connection eliminates the need to bend cables
- Units can be mounted singly or stacked for multi-spool valves
- Knobs accept stick-on function label (VSK040)



D. Dual-Axis Remote Valve Control

- Dual axis controls are used to control two valves simultaneously



E. Remote Valve Control Consoles

- Consoles are 13 gauge steel
- Black powder coated finish
- All fasteners are included

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A B206301	Single-Axis Remote Valve Control	2.95 lbs.	240 (N)
B B206301001	Single-Axis Remote Valve Control with Center Detent	2.50 lbs.	240 (N)
B B206301002	Single-Axis Remote Valve with End Detents	2.50 lbs.	240 (N)
B B206301003	Single-Axis Remote Valve Control with Center & End Detent	2.56 lbs.	240 (N)
C B206401	Single-Axis Remote Valve Control, Non-locking, Composite, 70° Offset Handle	1.60 lbs.	240 (N)
C B206401001	Single-Axis Remote Valve Control, Center-locking, Composite, 70° Offset Handle	1.20 lbs.	240 (N)
D B206305	Dual Axis Remote Valve Control	4.44 lbs.	240 (N)
E VSC1	Single Lever Console (9" H x 1 ³ / ₄ " W)	3.20 lbs.	240 (N)
E VSC2	Dual Lever Console (9" H x 3 ³ / ₈ " W)	4.25 lbs.	240 (N)
E VSC3	Triple Lever Console (9" H x 4 ¹⁵ / ₁₆ " W)	4.75 lbs.	240 (N)
E VSC4	Quad Lever Console (9" H x 6 ⁹ / ₁₆ " W)	6.00 lbs.	240 (N)

* See pg. 15 for RVC cables

ACCESSORIES

PART NO.	DESCRIPTION	WEIGHT	CAT.
B206301R0	Rubber Boot Cover for B20631	0.40 lbs.	240 (N)
3014204	Mounting Brackets for B206401 / B206401001	0.48 lbs.	240 (N)
3014332	Mounting Hardware for B206401 / B206401001, Single (2-1/2" Bolts)	0.13 lbs.	240 (N)
3014333	Mounting Hardware for B206401 / B206401001, Double (4-1/4" Bolts)	0.18 lbs.	240 (N)
3014334	Mounting Hardware for B206401 / B206401001, Triple (5-3/4" Bolts)	0.23 lbs.	240 (N)
3014335	Mounting Hardware for B206401 / B206401001, Quadruple (7-3/8" Bolts)	0.28 lbs.	240 (N)



3014204 & 3014332 Shown Mounted on B206401

CABLES & CONTROL SYSTEMS

REMOTE VALVE CONTROL SYSTEMS



A. RVC Adapter Input w/ Bonnet Output Control Cable



B. Remote Valve Control Connection Kit

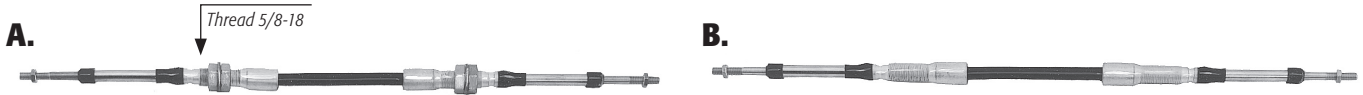
- Works with any controller from page 14
- 9/16" stroke
- Connects directly to valve spool

C. Remote Valve Control Knob

ORDERING INFORMATION				
PART NO.	DESCRIPTION	WEIGHT	CAT.	
A B302845036	36" Remote Valve Control Cable	1.00 lbs.	240	(N)
A B302845048	48" Remote Valve Control Cable	1.31 lbs.	240	(N)
A B302845060	60" Remote Valve Control Cable	1.41 lbs.	240	(N)
A B302845072	72" Remote Valve Control Cable	2.23 lbs.	240	(N)
A B302845084	84" Remote Valve Control Cable	2.44 lbs.	240	(N)
A B302845096	96" Remote Valve Control Cable	2.00 lbs.	240	(N)
A B302845108	108" Remote Valve Control Cable	2.07 lbs.	240	(N)
A B302845120	120" Remote Valve Control Cable	2.44 lbs.	240	(N)
A B302845132	132" Remote Valve Control Cable	2.44 lbs.	240	(N)
A B302845144	144" Remote Valve Control Cable	2.70 lbs.	240	(N)
A B302845156	156" Remote Valve Control Cable	3.00 lbs.	240	(N)
A B302845168	168" Remote Valve Control Cable	3.25 lbs.	240	(N)
A B302845180	180" Remote Valve Control Cable	3.38 lbs.	240	(N)
B B302863	Gresen S.P. (bracket required)	0.75 lbs.	240	(N)
B B303032	Gresen 25P, CP, CS, V20, V42	0.75 lbs.	240	(N)
B B303032	Energy CV50, CVP, CVA, 200	0.75 lbs.	240	(N)
B B302890	Buyers, Cross BA, BC, CA, CD	0.75 lbs.	240	(N)
B B303418F	Commercial A20 Front Entry	0.75 lbs.	240	(N)
B B303418R	Commercial A20 Rear Entry	0.75 lbs.	240	(N)
B B302889	Racine ML25 1/2"	0.75 lbs.	240	(N)
B B302889	Parker VDP12	0.75 lbs.	240	(N)
B B303034	Rex Roth 30-S2 MP18	0.75 lbs.	240	(N)
B B303035	Buyers 20-30 GPM sectional	0.75 lbs.	240	(N)
B B302889M	Gresen V31	0.75 lbs.	240	(N)
B B306205	Gresen V30	0.75 lbs.	240	(N)
C VSK001	Black knob, 3/8"-24 Thd.	0.13 lbs.	290	(N)
D VSK040	Decal sheet, for VSK001	0.13 lbs.	290	(N)



D. Remote Valve Decal Sheet for Control Knob



A. - B. 5200-Series Universal Mount Control Cables

- 3" and 4" Travel
- .125 Core
- 1/4"-28 Thread stainless steel rod
- 40 lb. - 100 lb. load range
- 8" Minimum bend radius
- Stocked 3' to 20'
- Other lengths and travels available

ORDERING INFORMATION

Length in inches is determined by measuring overall length from one end of rod to the other end of rod.

Example:

52 03 BBU 072
 series travel type of length
 mount

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 5203BBU036	36" Universal Mount Control Cable with Bulkheads, nuts & washers	1.63 lbs.	260 (Y)
A 5203BBU048	48" Universal Mount Control Cable with Bulkheads, nuts & washers	1.75 lbs.	260 (Y)
A 5203BBU060	60" Universal Mount Control Cable with Bulkheads, nuts & washers	2.00 lbs.	260 (Y)
A 5203BBU072	72" Universal Mount Control Cable with Bulkheads, nuts & washers	2.35 lbs.	260 (Y)
A 5203BBU084	84" Universal Mount Control Cable with Bulkheads, nuts & washers	2.25 lbs.	260 (Y)
A 5203BBU096	96" Universal Mount Control Cable with Bulkheads, nuts & washers	2.44 lbs.	260 (Y)
A 5203BBU108	108" Universal Mount Control Cable with Bulkheads, nuts & washers	2.69 lbs.	260 (Y)
A 5203BBU120	120" Universal Mount Control Cable with Bulkheads, nuts & washers	3.10 lbs.	260 (Y)
A 5203BBU132	132" Universal Mount Control Cable with Bulkheads, nuts & washers	3.00 lbs.	260 (Y)
A 5203BBU144	144" Universal Mount Control Cable with Bulkheads, nuts & washers	3.13 lbs.	260 (Y)
A 5203BBU156	156" Universal Mount Control Cable with Bulkheads, nuts & washers	3.25 lbs.	260 (Y)
A 5203BBU168	168" Universal Mount Control Cable with Bulkheads, nuts & washers	3.56 lbs.	260 (Y)
A 5203BBU180	180" Universal Mount Control Cable with Bulkheads, nuts & washers	3.63 lbs.	260 (Y)
A 5203BBU192	192" Universal Mount Control Cable with Bulkheads, nuts & washers	4.00 lbs.	260 (Y)
A 5203BBU204	204" Universal Mount Control Cable with Bulkheads, nuts & washers	4.19 lbs.	260 (Y)
A 5203BBU216	216" Universal Mount Control Cable with Bulkheads, nuts & washers	4.19 lbs.	260 (Y)
A 5203BBU228	228" Universal Mount Control Cable with Bulkheads, nuts & washers	5.81 lbs.	260 (Y)
A 5203BBU240	240" Universal Mount Control Cable with Bulkheads, nuts & washers	4.31 lbs.	260 (Y)
B 5203CCU036	36" Universal Mount Control Cable with Clamp Mount	1.44 lbs.	260 (Y)
B 5203CCU048	48" Universal Mount Control Cable with Clamp Mount	1.56 lbs.	260 (Y)
B 5203CCU060	60" Universal Mount Control Cable with Clamp Mount	1.75 lbs.	260 (Y)
B 5203CCU072	72" Universal Mount Control Cable with Clamp Mount	2.00 lbs.	260 (Y)
B 5203CCU084	84" Universal Mount Control Cable with Clamp Mount	2.07 lbs.	260 (Y)
B 5203CCU096	96" Universal Mount Control Cable with Clamp Mount	2.25 lbs.	260 (Y)
B 5203CCU108	108" Universal Mount Control Cable with Clamp Mount	2.50 lbs.	260 (Y)
B 5203CCU120	120" Universal Mount Control Cable with Clamp Mount	2.56 lbs.	260 (Y)
B 5203CCU132	132" Universal Mount Control Cable with Clamp Mount	2.75 lbs.	260 (Y)
B 5203CCU144	144" Universal Mount Control Cable with Clamp Mount	2.94 lbs.	260 (Y)
B 5203CCU156	156" Universal Mount Control Cable with Clamp Mount	3.07 lbs.	260 (Y)
B 5203CCU168	168" Universal Mount Control Cable with Clamp Mount	3.38 lbs.	260 (Y)
B 5203CCU180	180" Universal Mount Control Cable with Clamp Mount	3.44 lbs.	260 (Y)
B 5203CCU192	192" Universal Mount Control Cable with Clamp Mount	3.75 lbs.	260 (Y)
B 5203CCU204	204" Universal Mount Control Cable with Clamp Mount	4.00 lbs.	260 (Y)
B 5203CCU216	216" Universal Mount Control Cable with Clamp Mount	4.00 lbs.	260 (Y)
B 5203CCU228	228" Universal Mount Control Cable with Clamp Mount	5.50 lbs.	260 (Y)
B 5203CCU240	240" Universal Mount Control Cable with Clamp Mount	6.13 lbs.	260 (Y)

See pgs. 114 & 115 for Hardware & Accessories

CABLES & CONTROL SYSTEMS

PUSH-PULL CABLES



A. - B. 6200-Series Universal Mount Control Cables

- 3" and 4" Travel
- .188 Core
- 5/16"-24 Thread stainless steel rod
- 110 lb. - 200 lb. load range
- 10" Minimum bend radius
- Stocked 3' to 20' in 12" increments
- Other lengths and travels available

ORDERING INFORMATION

Length in inches is determined by measuring overall length from one end of rod to the other end of rod.

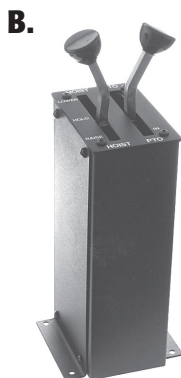
Example:

62 03 BBU 072
 series travel type of length
 mount

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	6203BBU036	36" Universal Mount Control Cable with Bulkheads, nuts & washers	0.19 lbs.	270 (Y)
A	6203BBU048	48" Universal Mount Control Cable with Bulkheads, nuts & washers	2.22 lbs.	270 (Y)
A	6203BBU060	60" Universal Mount Control Cable with Bulkheads, nuts & washers	2.50 lbs.	270 (Y)
A	6203BBU072	72" Universal Mount Control Cable with Bulkheads, nuts & washers	2.75 lbs.	270 (Y)
A	6203BBU084	84" Universal Mount Control Cable with Bulkheads, nuts & washers	3.00 lbs.	270 (Y)
A	6203BBU096	96" Universal Mount Control Cable with Bulkheads, nuts & washers	3.25 lbs.	270 (Y)
A	6203BBU108	108" Universal Mount Control Cable with Bulkheads, nuts & washers	3.25 lbs.	270 (Y)
A	6203BBU120	120" Universal Mount Control Cable with Bulkheads, nuts & washers	3.25 lbs.	270 (Y)
A	6203BBU132	132" Universal Mount Control Cable with Bulkheads, nuts & washers	3.88 lbs.	270 (Y)
A	6203BBU144	144" Universal Mount Control Cable with Bulkheads, nuts & washers	3.13 lbs.	270 (Y)
A	6203BBU156	156" Universal Mount Control Cable with Bulkheads, nuts & washers	4.44 lbs.	270 (Y)
A	6203BBU168	168" Universal Mount Control Cable with Bulkheads, nuts & washers	4.69 lbs.	270 (Y)
A	6203BBU180	180" Universal Mount Control Cable with Bulkheads, nuts & washers	5.00 lbs.	270 (Y)
A	6203BBU192	192" Universal Mount Control Cable with Bulkheads, nuts & washers	5.31 lbs.	270 (Y)
A	6203BBU204	204" Universal Mount Control Cable with Bulkheads, nuts & washers	5.44 lbs.	270 (Y)
A	6203BBU216	216" Universal Mount Control Cable with Bulkheads, nuts & washers	5.69 lbs.	270 (Y)
A	6203BBU228	228" Universal Mount Control Cable with Bulkheads, nuts & washers	5.76 lbs.	270 (Y)
A	6203BBU240	240" Universal Mount Control Cable with Bulkheads, nuts & washers	5.76 lbs.	270 (Y)
B	6203CCU036	36" Universal Mount Control Cable with Clamp Mount	2.08 lbs.	270 (Y)
B	6203CCU048	48" Universal Mount Control Cable with Clamp Mount	2.00 lbs.	270 (Y)
B	6203CCU060	60" Universal Mount Control Cable with Clamp Mount	2.25 lbs.	270 (Y)
B	6203CCU072	72" Universal Mount Control Cable with Clamp Mount	2.50 lbs.	270 (Y)
B	6203CCU084	84" Universal Mount Control Cable with Clamp Mount	2.81 lbs.	270 (Y)
B	6203CCU096	96" Universal Mount Control Cable with Clamp Mount	3.00 lbs.	270 (Y)
B	6203CCU108	108" Universal Mount Control Cable with Clamp Mount	3.00 lbs.	270 (Y)
B	6203CCU120	120" Universal Mount Control Cable with Clamp Mount	3.38 lbs.	270 (Y)
B	6203CCU132	132" Universal Mount Control Cable with Clamp Mount	3.63 lbs.	270 (Y)
B	6203CCU144	144" Universal Mount Control Cable with Clamp Mount	3.88 lbs.	270 (Y)
B	6203CCU156	156" Universal Mount Control Cable with Clamp Mount	4.19 lbs.	270 (Y)
B	6203CCU168	168" Universal Mount Control Cable with Clamp Mount	4.44 lbs.	270 (Y)
B	6203CCU180	180" Universal Mount Control Cable with Clamp Mount	4.75 lbs.	270 (Y)
B	6203CCU192	192" Universal Mount Control Cable with Clamp Mount	5.07 lbs.	270 (Y)
B	6203CCU204	204" Universal Mount Control Cable with Clamp Mount	5.19 lbs.	270 (Y)
B	6203CCU216	216" Universal Mount Control Cable with Clamp Mount	5.44 lbs.	270 (Y)
B	6203CCU228	228" Universal Mount Control Cable with Clamp Mount	5.56 lbs.	270 (Y)
B	6203CCU240	240" Universal Mount Control Cable with Clamp Mount	5.50 lbs.	270 (Y)

See pgs. 113 & 114 for Hardware & Accessories



Shift Systems Q-Series

A. P.T.O. or Hoist Single Lever Control

- Hardened steel gateplates with safety detents for use with all 3" travel clamp type push pull cables

B. P.T.O. - Hoist Dual Lever Control

- Hardened steel gateplates with safety detents for use with all 3" travel clamp type push pull cables

C. P.T.O. - Hoist - Hoist Triple Lever Control

- Hardened steel gateplates with safety detents for use with all 3" travel clamp type push pull cables

D. Air P.T.O. - Hoist Single Lever Control

- Combination air P.T.O. lever hoist control
 - The combination air P.T.O. cable operated hoist console is designed to accept CHELSEA-type or MUNCIE-type air valves
- NOTE: Air valve is supplied with P.T.O. It is not supplied with this control*

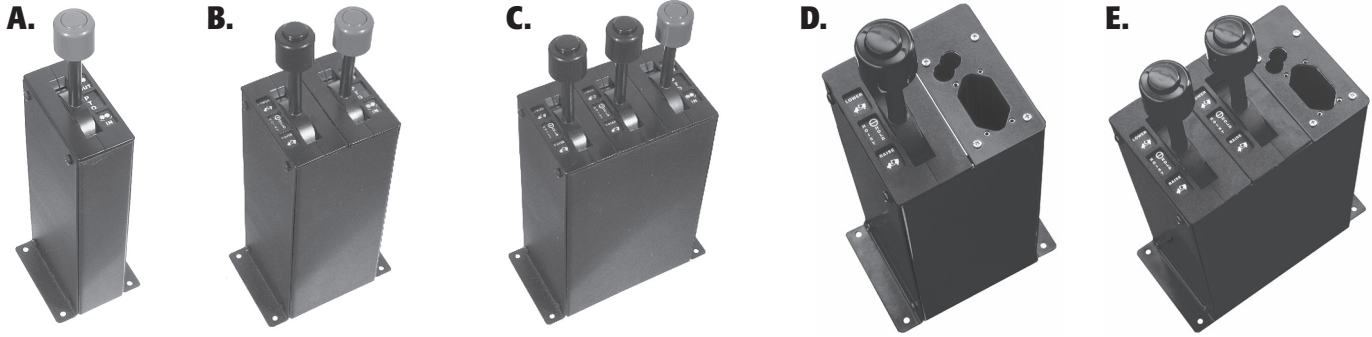
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
P.T.O. Lever End Detent			
A QSSPT52	PTO, Single-Lever For 1/4"-28 Thd. Cables	3.40 lbs.	220 (N)
A QSSPT62	PTO, Single-Lever For 5/16"-24 Thd. Cables	3.40 lbs.	220 (N)
Hoist Lever Center Detent			
A QSSPU52	Hoist, Single-Lever For 1/4"-28 Thd. Cables	3.40 lbs.	220 (N)
A QSSPU62	Hoist, Single-Lever For 5/16"-24 Thd. Cables	3.40 lbs.	220 (N)
Single Lever Console			
A QTS	Black Powder Coated Steel Console For All Q-Series Single-Lever Controls	0.40 lbs.	220 (N)
P.T.O. Hoist Dual Lever Control			
B QDS52	PTO – Hoist, Dual-Lever For 1/4"-28 Thd. Cables	5.20 lbs.	220 (N)
B QDS62	PTO – Hoist, Dual-Lever For 5/16"-24 Thd. Cables	5.20 lbs.	220 (N)
P.T.O. Dual Lever Console			
B QTD	Black Powder Coated Steel Console For All Q-Series Dual-Lever Controls	10.50 lbs.	220 (N)
P.T.O. Triple Lever Control			
C QTS52	PTO – Hoist – Hoist, For 1/4"-28 Thd. Cables	11.50 lbs.	220 (N)
C QTS62	PTO – Hoist – Hoist, For 5/16"-24 Thd. Cables	11.50 lbs.	220 (N)
P.T.O. Triple Lever Console			
C QTT	Black Powder Coated Steel Console For All Q-Series Triple-Lever Controls.	11.45 lbs.	220 (N)
Air P.T.O. Hoist Single Lever Control			
D QSA52	Single-Lever For 1/4"-28 Thd. Cables - Chelsea Only	3.80 lbs.	220 (N)
D QSA62	Single-Lever For 5/16"-24 Thd. Cables - Chelsea Only	3.80 lbs.	220 (N)
D QSA52M	Single-Lever For 1/4"-28 Thd. Cables - Muncie Only	3.80 lbs.	220 (N)
D QSA62M	Single-Lever For 5/16"-24 Thd. Cables - Muncie Only	3.80 lbs.	220 (N)
Air P.T.O. Single Lever Console			
D QTD	Black Powder Coated Steel Console For All Q-Series Dual-Lever Controls	10.50 lbs.	220 (N)

NOTE:
Levers
& Consoles
Sold
Separately

CABLES & CONTROL SYSTEMS

PUSH-PULL SHIFT SYSTEMS



Shift Systems B-Series

Button operated safety detents for use with all 3" travel clamp type push pull cables. We have redesigned the "B" Series Control from the knob down. Three rugged zinc alloy castings have replaced 6 stampings, 12 welds, 4 rivets, 4 clinch nuts and a 5 piece indicator strip. Optional single lamp panel lighting has been replaced by standard twin lamp illumination. Dependable nylon bushings suspend the one piece lever and gimbal assembly between the main body castings. The removal of 3 phillips head screws allows complete disassembly of this unit.

A. P.T.O. or Hoist Single Lever Control

B. P.T.O. - Hoist Dual Lever Control

C. P.T.O. - Hoist - Hoist Triple Lever Control

D. Air P.T.O. - Hoist Single Lever Control

- Used to cable actuate a hydraulic valve in vehicles equipped with a CHELSEA or MUNCIE air controlled P.T.O.
- Controls are grouped in a single console at the operator's fingertips

E. Air P.T.O. - Hoist - Hoist Dual Lever Control

- Used to cable actuate two hydraulic valves in vehicles equipped with a CHELSEA or MUNCIE air controlled P.T.O.

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
P.T.O. Lever End Detent			
A BSSPT52	PTO, Single Lever for 1/4"-28 Thd. Cables	3.85 lbs.	220 (N)
A BSSPT62	PTO, Single Lever for 5/16"-24 Thd. Cables	3.85 lbs.	220 (N)
Hoist Lever Center Detent			
A BSSPU52	Hoist, Single Lever for 1/4"-28 Thd. Cables	3.85 lbs.	220 (N)
A BSSPU62	Hoist, Single Lever for 5/16"-24 Thd. Cables	3.85 lbs.	220 (N)
Single Lever Console			
A BTS	Black Powder Coated Steel Console for all B-Series Single Lever Controls	7.60 lbs.	220 (N)
P.T.O. Hoist Dual Lever Control			
B BDS52	PTO - Hoist, Dual Lever For 1/4"-28 Thd. Cables	7.50 lbs.	220 (N)
B BDS62	PTO - Hoist, Dual Lever For 5/16"-24 Thd. Cables	7.50 lbs.	220 (N)
P.T.O. Dual Lever Console			
B BTD	Black Powder Coated Steel Console for all B-Series Dual Lever Controls	10.00 lbs.	220 (N)
P.T.O. Triple Lever Control			
C BTTT52	PTO - Hoist - Hoist for 1/4"-28 Thd. Cables	11.50 lbs.	220 (N)
C BTTT62	PTO - Hoist - Hoist for 5/16"-24 Thd. Cables	11.50 lbs.	220 (N)
P.T.O. Triple Lever Console			
C BTT	Black Powder Coated Steel Console for all B-Series Triple Lever Controls	11.45 lbs.	220 (N)
Air P.T.O. Hoist Single Lever Control			
D BA52	Air P.T.O.-Hoist Single Lever Hoist Control for 1/4"-28 Thd. Cables & P.T.O. Air Valve	4.50 lbs.	220 (N)
D BA62	Air P.T.O.-Hoist Single Lever Hoist Control for 5/16"-24 Thd. Cables & P.T.O. Air Valve	4.50 lbs.	220 (N)
Air P.T.O. Single Lever Console			
D BTD	Black Powder Coated Steel Console for all B-Series Dual Lever Controls	10.00 lbs.	220 (N)
Air P.T.O. Hoist Dual Lever Control			
E BTA52	Air P.T.O.-Hoist-Hoist Dual Lever Hoist Control w/ 1/4"-28 Thd. Cables & P.T.O. Air Valve	11.50 lbs.	220 (N)
E BTA62	Air P.T.O.-Hoist-Hoist, Dual Lever Hoist Control w/ 5/16"-24 Thd. Cables & P.T.O. Air Valve	11.50 lbs.	220 (N)
Air P.T.O. Single Dual Console			
E BTT	Black Powder Coated Steel Console for all B-Series Triple Lever Controls	11.45 lbs.	220 (N)

**NOTE:
Levers
& Consoles
Sold
Separately**

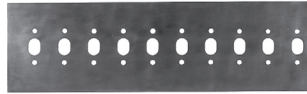
A.



A. Heavy Duty Control

- Zinc plated steel construction
- Designed for use with all 2" or 3" travel rod end cables with 1/4"-28 thd., or 5/16"-24 thd. rods
- 4-position forged handle provides mounting flexibility
- An adjustable lever stop limits travel to prevent stress at output end of cable
- An ideal replacement for solid rod installations

B.



B. Heavy-Duty Control Mounting Plate

- 24" x 7" plate
- 1/8" thick with 10 sets of mounting holes on 2 1/4" centers
- Can be field cut to fabricate mounting base for stacked levers

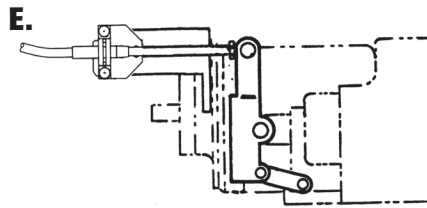
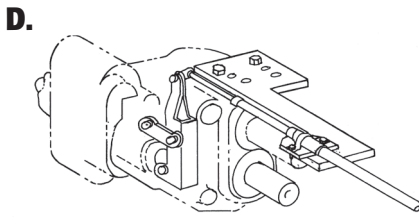
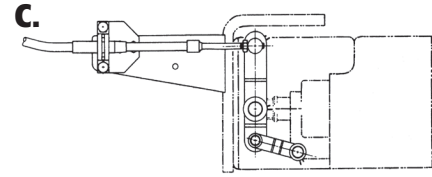
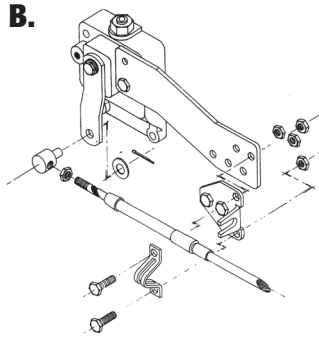
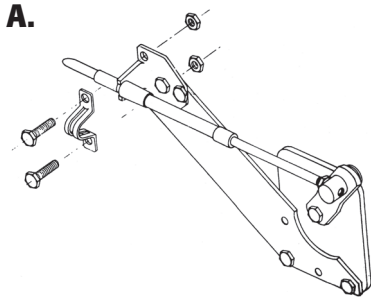
ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	HDCL352*	For 1/4"-28 Thd. Cables with 3" Travel	3.90 lbs.	220 (N)
A	HDCL362*	For 5/16"-24 Thd. Cables with 3" Travel	3.90 lbs.	220 (N)
A	HDCL252*	For 1/4"-28 Thd. Cables with 2" Travel	3.90 lbs.	220 (N)
A	HDCL262	For 5/16"-24 Thd. Cables with 2" Travel	3.90 lbs.	220 (N)
B	HDCLMP01	Lever Mounting Plate	5.50 lbs.	220 (N)

**Available with a 4" shorter lever. To order add an "S" suffix to the part number for cable selection see pgs. 16 & 17*

CABLES & CONTROL SYSTEMS

P.T.O. CONNECTION KITS PUMP CONNECTION KITS



A. BPT P.T.O. Connection Kit

- For double gear CHELSEA and similar P.T.O.s
- Kit contains all fasteners & hardware required

B. BPTSG P.T.O. Connection Kit

- For single gear CHELSEA and similar P.T.O.s.
- Fits all Muncie P.T.O.s.
- Kit contains all fasteners & hardware required

C. BPU Pump Connection Kit

- For BPC1010, commercial C101 & similar pumps
- Kit contains all fasteners & hardware required

D. BPUGD Pump Connection Kit

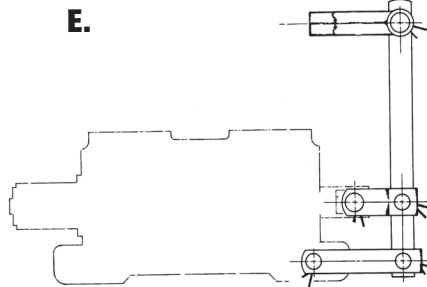
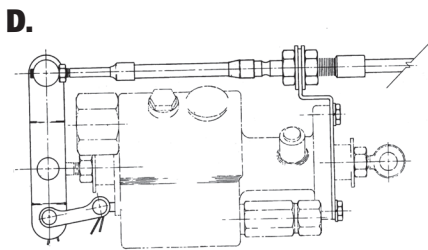
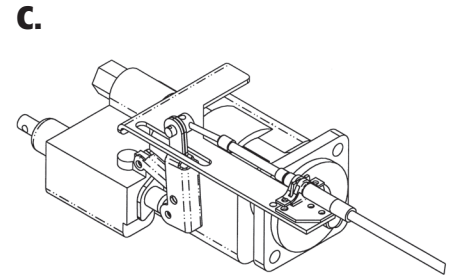
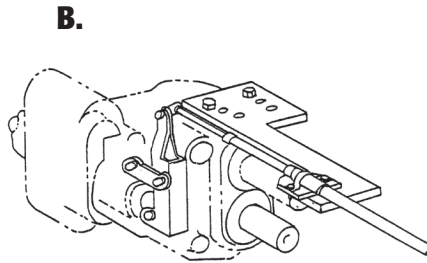
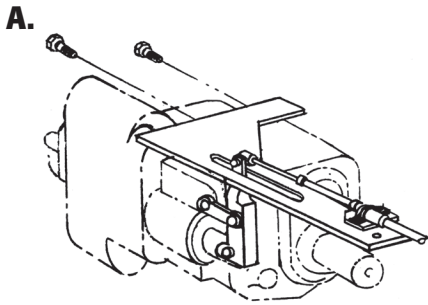
- For commercial G101 remote mount pumps
- Kit contains all fasteners & hardware required

E. BPU102DM Pump Connection Kit

- For BPC1010DM, commercial C102 & similar pumps
- Please specify clockwise or counterclockwise

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BPT	For 1/4"-28 Thd. and 5/16"-24 Thd. Control Cables	0.85 lbs.	230 (N)
B BPTSG	For 1/4"-28 Thd. and 5/16"-24 Thd. Control Cables	0.75 lbs.	230 (N)
C BPU	For 1/4"-28 Thd. and 5/16"-24 Thd. Control Cables	1.50 lbs.	230 (N)
D BPUGD	(Front or Rear Cable Entry) Attaches to Mounting Pad	2.65 lbs.	230 (N)
E BPU102DMCW	For Clockwise Rotation	1.70 lbs.	230 (N)
E BPU102DMCCW	For Counterclockwise Rotation	1.70 lbs.	230 (N)



A. BPUGDM Pump Connection Kit

- For Commercial* G102 pumps

B. H101CK Pump Connection Kit

- For use with Buyers H101 Series, Permco* DMR300 and DMR400 Series Remote Mount Pumps

C. H102CKCW Pump Connection Kit

- For use with Buyers H102 Series, Permco* DMD300 and DMD400 Series Direct Mount Pumps

D. BPUCH Pump Connection Kit

- For Chelsea* DPH Series and Similar Pumps (Also Fits Lever Shift P.T.O.s)

E. BSV Pump Connection Kit

- For Commercial* A-20, A-35 & similar valves

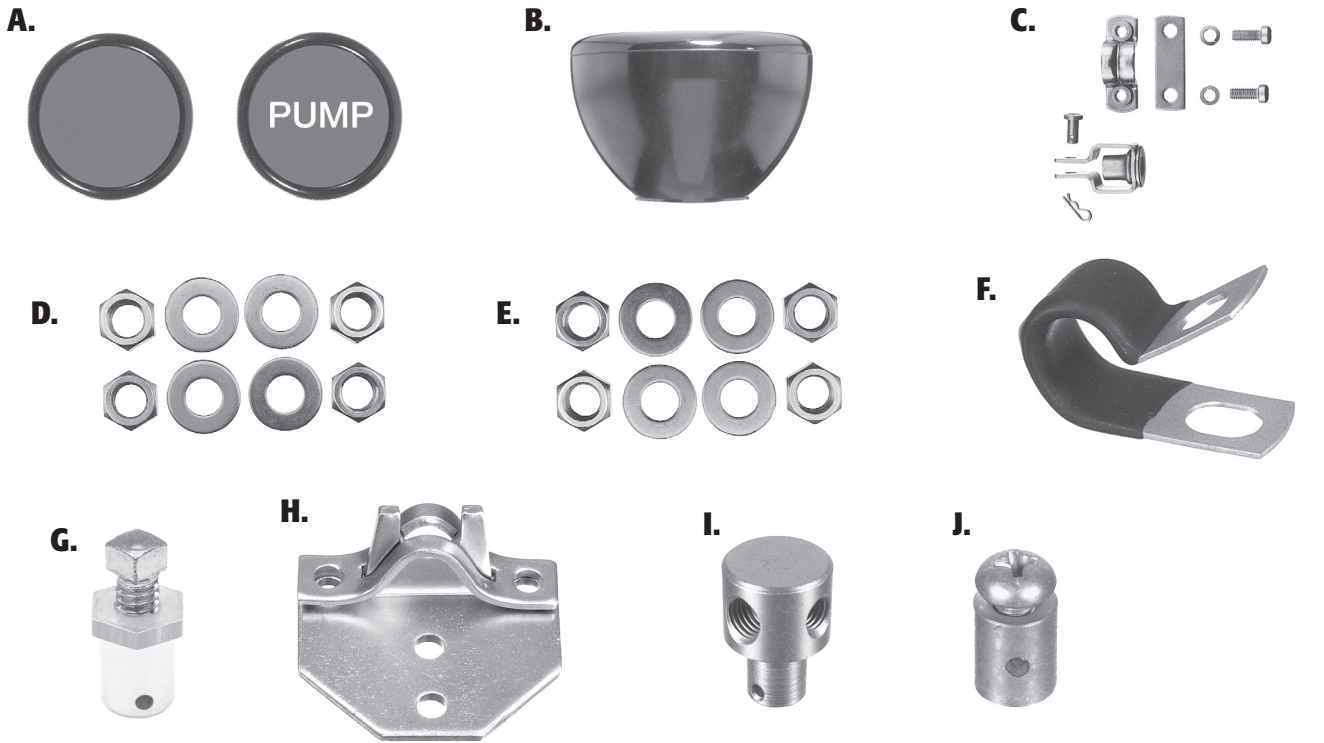
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A BPUGDMCW	For Clockwise Rotation	2.60 lbs.	230 (N)
A BPUGDMCCW	For Counterclockwise Rotation	2.60 lbs.	230 (N)
B H101CK	Connection Kit	2.40 lbs.	230 (N)
C H102CKCW	For Clockwise Rotation	2.40 lbs.	230 (N)
C H102CKCCW	For Counterclockwise Rotation	2.40 lbs.	230 (N)
D BPUCH	For Chelsea* DPH Series and Similar Pumps (Also Fits Lever Shift P.T.O.s)	0.80 lbs.	230 (N)
E BSV2052	For A-20 Valve and 1/4"-28 Thd. Cables	1.85 lbs.	230 (N)
E BSV2062	For A-20 Valve and 5/16"-24 Thd. Cables	1.85 lbs.	230 (N)
E BSV3552	For A-35 Valve and 1/4"-28 Thd. Cables	1.85 lbs.	230 (N)
E BSV3562	For A-35 Valve and 5/16"-24 Thd. Cables	1.85 lbs.	230 (N)

*Buyers Products is not authorized by nor affiliated with the manufacturer of Commercial, Permco, or Chelsea products.

CABLES & CONTROL SYSTEMS

KNOBS & HARDWARE



A. 2" Knob

• $\frac{3}{8}$ "-24 Thd. or $\frac{1}{4}$ "-28 Thd.

B. Replacement Knob for New Style Q-Series Controls

• $\frac{1}{2}$ -13 Thd. knob for all threaded shaft Q-Series controls

C. Shift Control Cable Connection Kit

• For both B-Series and Q-Series controls

D. Nut and Washer Kit for 52-Series Cable

• Four $\frac{5}{8}$ " nuts and four $\frac{5}{8}$ " washers for conduit thread on 52-Series control cable

E. Nut and Washer Kit for 62-Series Cable

• Four $\frac{1}{16}$ " nuts and four $\frac{1}{16}$ " washers for conduit thread on 62-Series control cable

F. Vinyl Coated Conduit Strap

• For larger sizes see pg. F-18

G. Bowden Pin

• Brass construction with .098 drill thru

H. Mounting Plate

• Provides an adjustable mounting base for all output ends of clamp-type push pull cables

I. Universal Pivot Pin

• For $\frac{1}{4}$ " thick levers with $\frac{7}{16}$ " dia. hole
• For both $\frac{1}{4}$ "-28 Thd. and $\frac{5}{16}$ "-24 Thd.

J. Throttle Stop

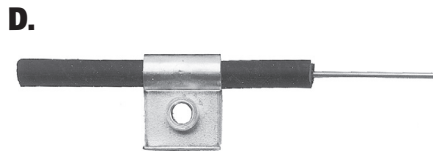
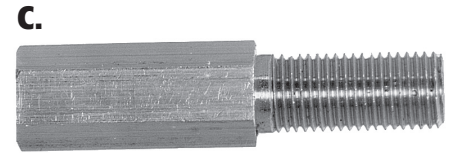
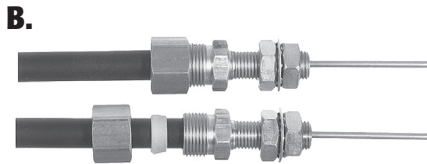
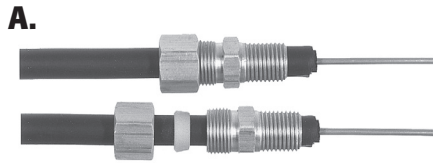
• $\frac{5}{16}$ " Diameter Brass Barrel Throttle Stop with .088 Hole

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 65	Plain, $\frac{3}{8}$ "-24 Thd.	0.13 lbs.	290 (N)
A 651	Lettered "PTO", $\frac{3}{8}$ "-24 Thd.	0.13 lbs.	290 (N)
A 652	Lettered "PUMP", $\frac{3}{8}$ " x 24 TDH.	0.13 lbs.	290 (N)
A 20	Plain, $\frac{1}{4}$ "-28 Thd.	0.13 lbs.	290 (N)
A 21	Lettered "PTO", $\frac{1}{4}$ "-28 Thd.	0.13 lbs.	290 (N)
A 22	Lettered "PUMP", $\frac{1}{4}$ "-28 Thd.	0.13 lbs.	290 (N)
B B658KR	Red Replacement Knob	0.13 lbs.	290 (N)
B B659KB	Black Replacement Knob	0.13 lbs.	290 (N)
C BQ52105	Kit for $\frac{1}{4}$ -28 Thd. Control Cables	0.10 lbs.	300 (N)
C BQ62106	Kit for $\frac{5}{16}$ -24 Thd. Control Cables	0.10 lbs.	300 (N)
D BNW015	Nut & Washer Kit for 52-Series Cable	0.29 lbs.	300 (N)
E BNW016	Nut & Washer Kit for 62-Series Cable	0.19 lbs.	300 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
F 250	For .260 Conduit	0.01 lbs.	290 (N)
F 312	For .312 Conduit	0.01 lbs.	290 (N)
F 375	For .375 Conduit	0.01 lbs.	290 (N)
G 6138	$\frac{3}{8}$ " Diameter	0.03 lbs.	290 (N)
G 6170	$\frac{7}{16}$ " Diameter	0.03 lbs.	290 (N)
G 6125B	Pivot Pin for $\frac{3}{16}$ " Thick Lever w/ $\frac{1}{4}$ " Hole	0.01 lbs.	290 (N)
H 356	Mounting Plate	0.15 lbs.	290 (N)
I P5262	Universal Pivot Pin	0.06 lbs.	290 (N)
J 516	$\frac{5}{16}$ " Dia. Brass Barrel Throttle Stop w/ .088 Hole	0.02 lbs.	290 (N)



A. Conduit Clamp

- Provides 1/2"-20 Thd. on all .375 conduit

B. Bulkhead Fitting

- Provides 3/8"-24 Thd. on output end of all .375 conduit
- Use w/ VCGT, RF04D, R38D Cables

C. Bulkhead Fitting

- Provides 3/8"-24 Thd. on output end of all .260 conduit
- Use W/VCGT 3100 Series Cables
- Replaces 1209R

D. Clamp

- Provides a 1/4" hole to secure output end of all .375 conduit

E. Chain Kit

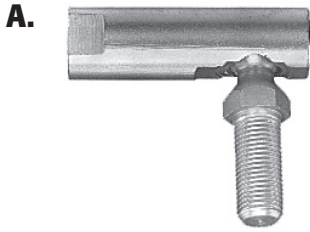
- Ideal for connecting throttle controls to linkages

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 1220R	Conduit Clamp	0.05 lbs.	290 (N)
B 1238	Bulkhead Fitting	0.03 lbs.	290 (N)
C 1207R	Bulkhead Fitting, Includes Nuts & Bolts	0.09 lbs.	290 (N)
D 4100	Clamp	0.06 lbs.	290 (N)
E 1250	1/4" X 6" Stainless Steel Ball Chain with 2 "S" Eyelets	0.03 lbs.	290 (N)

CABLES & CONTROL SYSTEMS

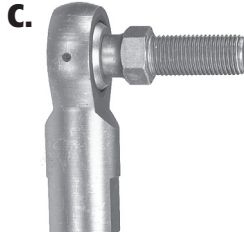
BALL JOINTS AND END ROD BEARINGS



A. Ball Joint



B. Rod End Bearing



C. Rod End Bearing with Stud



D. Rod End Bearing Male Thread

ORDERING INFORMATION

PART NO.	D	E	F	G	H	J	K	L	M	N	P	WEIGHT	CAT.
A BJ31	10-32	.172	7/16	7/16	1/8	5/16	1/16	3/8	1 1/16	7/8	7/16	0.13 lbs.	310 (N)
A BJ52	1/4-28	.193	15/32	9/16	1/8	3/8	3/32	7/16	1 7/32	3 1/32	1/2	0.08 lbs.	310 (N)
A BJ62	5/16-24	.232	17/32	1 1/16	5/32	7/16	3/32	1/2	1 13/32	1 1/8	9/16	0.08 lbs.	310 (N)
A BJ72	3/8-24	.297	1 1/16	7/8	3/16	1/2	3/32	5/8	1 11/16	1 3/8	3/4	0.25 lbs.	310 (N)
A BJ82	1/2-20	.417	7/8	1 1/8	1/4	5/8	1/8	3/4	2 3/8	1 15/16	1	0.31 lbs.	310 (N)

ORDERING INFORMATION

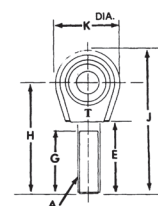
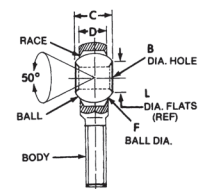
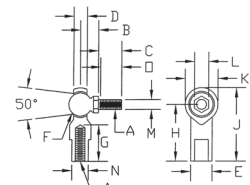
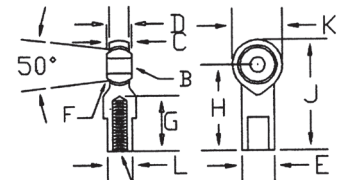
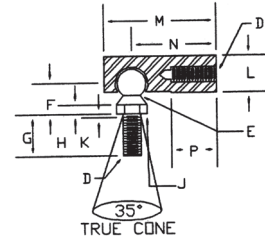
PART NO.	A	B	C	D	E	F	G	H	J	K	L	M	WEIGHT	CAT.
B BRE32F	10-32 UNF-2	.1895 - .1925	.310	.250	.406	.437	.562	1.062	1.375	.625	.310	.308	0.13 lbs.	310 (N)
B BRE52F	1/4-28 UNF-2	.2495 - .2525	.373	.281	.468	.516	.750	1.312	1.687	.750	.373	.357	0.08 lbs.	310 (N)
B BRE62F	5/16-24 UNF-2	.3120 - .3150	.435	.342	.500	.622	.750	1.375	1.812	.870	.435	.444	0.13 lbs.	310 (N)
B BRE72F	3/8-24 UNF-2	.3745 - .3775	.498	.404	.687	.716	.937	1.625	2.125	.995	.560	.514	0.13 lbs.	310 (N)
B BRE82F	1/2-20 UNF-2	.4995 - .5025	.623	.500	.875	.937	1.187	2.125	2.781	1.307	.748	.700	0.13 lbs.	310 (N)

ORDERING INFORMATION

PART NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	O	WEIGHT	CAT.
C BRE32S	10-32 UNF-2	.485	.500	.250	.406	.437	.562	1.062	1.375	.625	.310	.373	.310	.437	0.13 lbs.	310 (N)
C BRE52S	1/4-28 UNF-2	.485	.562	.281	.468	.516	.750	1.312	1.687	.750	.373	.435	.373	.470	0.13 lbs.	310 (N)
C BRE62S	5/16-24 UNF-2	.531	.687	.342	.500	.622	.750	1.375	1.812	.870	.435	.544	.435	.594	0.13 lbs.	310 (N)
C BRE72S	3/8-24 UNF-2	.656	.875	.404	.687	.716	.937	1.625	2.125	.995	.498	.613	.560	.781	0.18 lbs.	310 (N)
C BRE82S	1/2-20 UNF-2	.875	1.125	.500	.875	.937	1.187	2.125	2.781	1.307	.623	.748	.748	1.00	0.35 lbs.	310 (N)

ORDERING INFORMATION

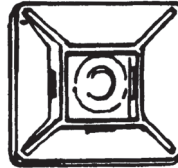
PART NO.	A	B	C	D	E	F	G	H	J	K	L	WEIGHT	CAT.
D BRE32M	10-32 UNF-2	.1895 - .1925	.310	.250	.812	.437	.750	1.250	1.562	.625	.308	0.03 lbs.	310 (N)
D BRE52M	1/4-28 UNF-2	.2495 - .2525	.373	.281	1.094	.516	1.000	1.562	1.937	.750	.357	0.06 lbs.	310 (N)
D BRE62M	5/16-24 UNF-2	.3120 - .3150	.435	.342	1.364	.622	1.250	1.875	2.312	.870	.444	0.06 lbs.	310 (N)
D BRE72M	3/8-24 UNF-2	.3745 - .3775	.498	.404	1.364	.716	1.250	1.937	2.437	.995	.514	0.10 lbs.	310 (N)
D BRE82M	1/2-20 UNF-2	.4995 - .5025	.623	.500	1.713	.937	1.500	2.438	3.094	1.307	.700	0.23 lbs.	310 (N)



A.



B.



A. Nylon Cable Ties

- 100% nylon
- Bent tip for ease of installation
- Available natural or black weather resistant (WR)

B. Adhesive Mount

- 1" square adhesive mount
- Also accepts #6 screw
- For all ties to .180 wide
- 100 pcs. per bag
- Color: Natural

ORDERING INFORMATION

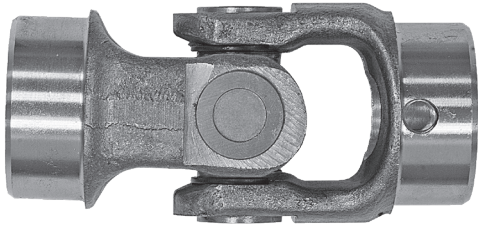
	PART NO.	LENGTH	WIDTH	TENSILE STRENGTH	COLOR	MILITARY STANDARD	PACKAGE QUANTITY	PACKAGE WEIGHT	CAT.
A	BTN040CPK	4"	.100	18 lbs.	Natural	MS-3367-4	100 PC	0.06 lbs.	320 (Y)
A	BTN055	5½"	.130	40 lbs.	Natural	MS-3367-5	1000 PC	1.32 lbs.	320 (Y)
A	BTN055CPK	5½"	.130	40 lbs.	Natural	MS-3367-5	100 PC	0.13 lbs.	320 (Y)
A	BTN075	7½"	.180	50 lbs.	Natural	MS-3367-1	1000 PC	2.50 lbs.	320 (Y)
A	BTN075CPK	7½"	.180	50 lbs.	Natural	MS-3367-1	100 PC	0.25 lbs.	320 (Y)
A	BTN011	11"	.180	50 lbs.	Natural	MS-3367-7	500 PC	4.25 lbs.	320 (Y)
A	BTN011CPK	11"	.180	50 lbs.	Natural	MS-3367-7	100 PC	0.85 lbs.	320 (Y)
A	BTN015	15"	.180	50 lbs.	Natural	MS-3367-2	100 PC	0.57 lbs.	320 (Y)
A	BTN145	14½"	.250	120 lbs.	Natural	MS-3367-3	100 PC	0.98 lbs.	320 (Y)
A	BTN240	24"	.350	175 lbs.	Natural	N/A	50 PC	1.40 lbs.	320 (Y)
A	BTN300	30"	.350	175 lbs.	Natural	MS-3367-6	50 PC	2.08 lbs.	320 (Y)
A	BTN075WR	7½"	.180	50 lbs.	Black	MS-3367-1	1000 PC	2.60 lbs.	320 (Y)
A	BTN075WRCPK	7½"	.180	50 lbs.	Black	MS-3367-1	100 PC	0.26 lbs.	320 (Y)
A	BTN011WR	11"	.180	50 lbs.	Black	MS-3367-7	500 PC	1.96 lbs.	320 (Y)
A	BTN011WRCPK	11"	.180	50 lbs.	Black	MS-3367-7	100 PC	0.24 lbs.	320 (Y)
A	BTN015WR	15"	.180	50 lbs.	Black	MS-3367-2	100 PC	0.56 lbs.	320 (Y)
A	BTN145WR	14½"	.250	120 lbs.	Black	MS-3367-3	100 PC	0.98 lbs.	320 (Y)

ORDERING INFORMATION

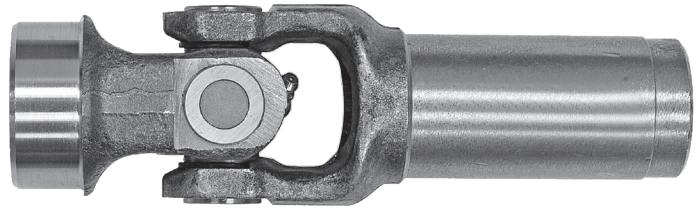
	PART NO.	DESCRIPTION	WEIGHT	CAT.
B	B08462	Adhesive Mount	0.42 lbs.	320 (Y)

DRIVELINE COMPONENTS

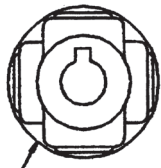
H7 SERIES UNIVERSAL JOINT ASSEMBLIES



H7 Standard Length



H7 Slip Length



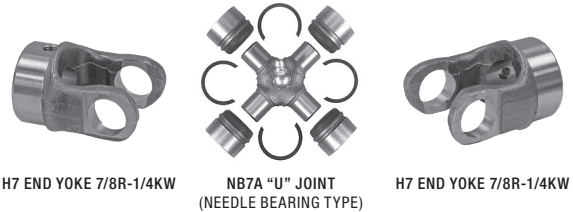
2.5000 CLEARANCE DIA.

Universal Joint Assemblies

All Buyers universal joint assemblies, end yokes and slip yokes are made of quality drop forged steel. These products are completely interchangeable with other major manufacturers.

Assembly Part Numbering System

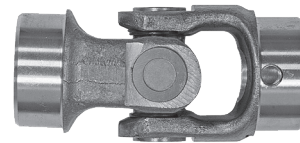
Use this system of numbering when ordering assemblies. Assemblies are available utilizing all the products available.



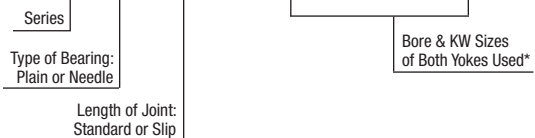
H7 END YOKE 7/8R-1/4KW

NB7A "U" JOINT
(NEEDLE BEARING TYPE)

H7 END YOKE 7/8R-1/4KW



H7 NB STD 7/8R-1/4KW x 7/8R-1/4KW



*In ordering slip joints, end yoke size is given first followed by slip yoke size.

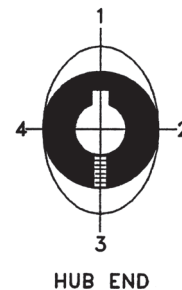
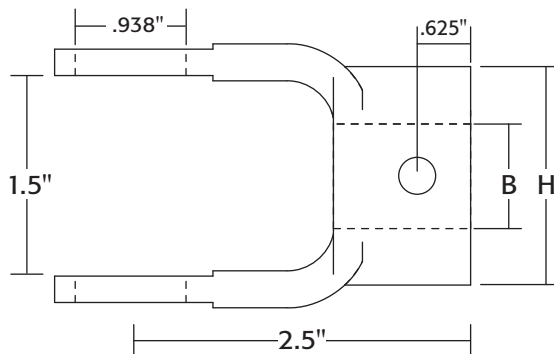
Maximum Recommended Torque

(continuous duty 1000 RPM):

Needle Bearing - 800 inch pounds

Maximum Recommended Angle Of Operation

15° continuous duty



A. H7 Series End Yoke

• H7-Series needle bearing uses NB7A "U" joint

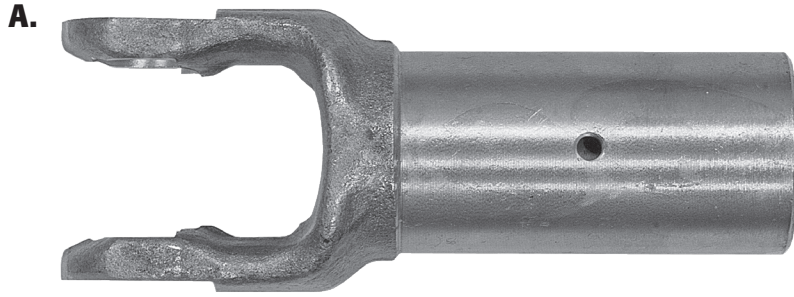
ORDERING INFORMATION

PART NO.	BORE SIZE	KEYWAY SIZE	KEYWAY AT	SET SCREW SIZE	SET SCREW AT	H	CAT.
Round Bore at B							
A 74373	5/8"	3/16"	1	3/8"-16	4	1 5/8"	020 (Y)
A 7413	3/4"	3/16"	1	3/8"-16	4	1 5/8"	020 (Y)
A 7423	3/4"	1/4"	1	3/8"-16	4	1 5/8"	020 (Y)
A 7443	13/16"	1/4"	1	3/8"-16	4	1 5/8"	020 (Y)
A 7453	7/8"	3/16"	1	3/8"-16	4	1 5/8"	020 (Y)
A 74263	7/8"	1/4"	1	3/8"-16	4	1 5/8"	020 (Y)
A 7463	7/8"	1/4"	2	3/8"-16	4	1 5/8"	020 (Y)
A 74293	1"	1/4"	1	3/8"-16	4	2"	020 (Y)
A 7493	1"	1/4"	2	3/8"-16	4	2"	020 (Y)
A 74393	1"	1/4"	2	3/8"-16	1	2"	020 (Y)
A 74443	1"	-	-	3/8" Pin hole	-	2"	020 (Y)
A 74103	1 1/8"	1/4"	2	3/8"-16	4	2"	020 (Y)
A 74183	1 1/4"	1/4"	2	3/8"-16	4	2"	020 (Y)
A 74123	1 1/4"	5/16"	2	3/8"-16	1	2"	020 (Y)
A 74223	1 1/4"	5/16"	2	3/8"-16 (2)	1-4	2"	020 (Y)
A 74323	1 1/4"	WELD	-	-	-	2"	020 (Y)
Square Bore at B							
A 7422	3/4"	-	Square	3/8"-16	4	1 5/8"	020 (Y)
A 7412	7/8"	-	Square	3/8"-16	4	2"	020 (Y)
A 7452	1"	-	Square	3/8"-16	4	2"	020 (Y)
Hex Bore at B							
A 74282	7/8"	-	Hex	3/8"-16	4	2"	020 (Y)
A 7432	1 1/8"	-	Hex	3/8"-16	4	2"	020 (Y)
Spline Bore at B							
A 74481	7/8"-13 SP.	Spline	3/8"-16	3	-	2"	020 (Y)
Quick Detach Bore							
A 74141	1 3/8"-6 SP.	Spline	O.D.	-	-	2"	020 (Y)
Rectangular Bore at B							
A 7424	3/4" x 7/8"	Rect.*	-	-	-	2"	020 (Y)
A 7434	1" x 1 1/8"	Rect.*	-	-	-	2"	020 (Y)

* Weld Type Yoke for Telescoping Driveline

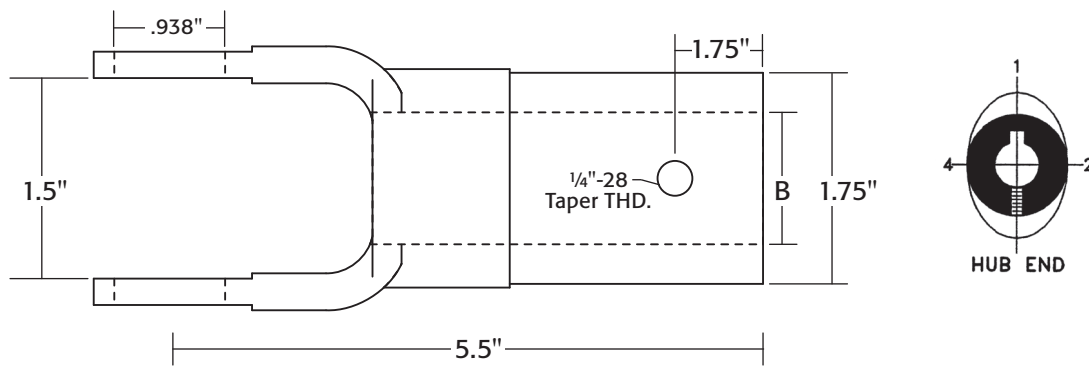
DRIVELINE COMPONENTS

H7 SERIES SLIP YOKES



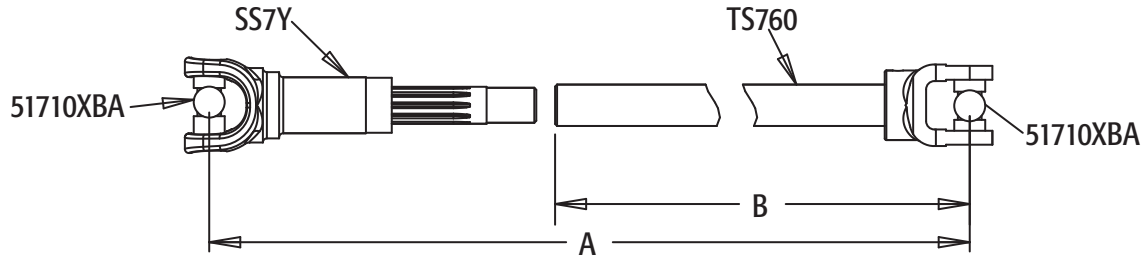
A. H7 Series Slip Yoke

• H7-Series needle bearing uses NB7A "U" joint



ORDERING INFORMATION					
PART NO.	BORE SIZE	KEYWAY SIZE	KEYWAY AT	LUBRICATOR AT	CAT.
Round Bore at B					
A 73133	7/8"	1/4"	1	2	020 (Y)
A 73383	1"	1/4"	1	2	020 (Y)
A 7383	1"	1/4"	2	4	020 (Y)
A 73163	1 1/4"	5/16"	2	4	020 (Y)
Square Bore at B					
A 7312	3/4"	-	-	3	020 (Y)
A 7322	7/8"	-	-	3	020 (Y)
A 73122	1"	-	-	3	020 (Y)
Spline Bore at B					
A 7381	1 1/8"-10 SP.	-	-	3	020 (Y)
A 7351	1 1/4"-6 SP.	-	-	3	020 (Y)
Hex Bore at B					
A 73162	7/8"	-	-	3	020 (Y)
A 7332	1 1/8"	-	-	3	020 (Y)

Tubular Shaft Assemblies TSA7 Series

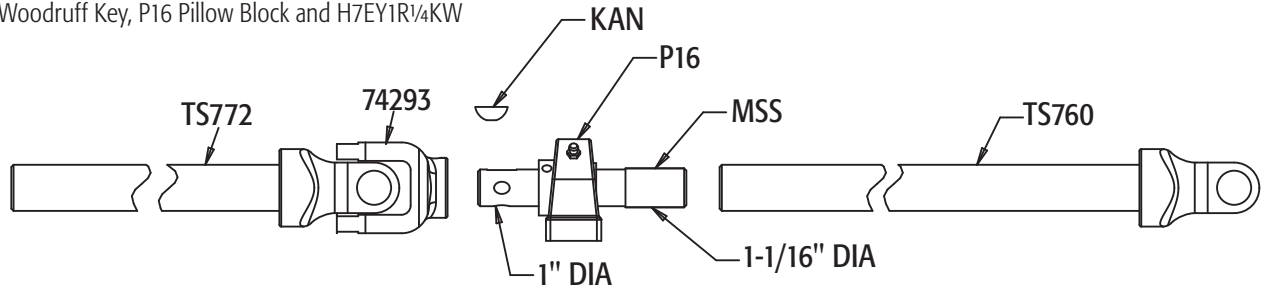


ORDERING INFORMATION

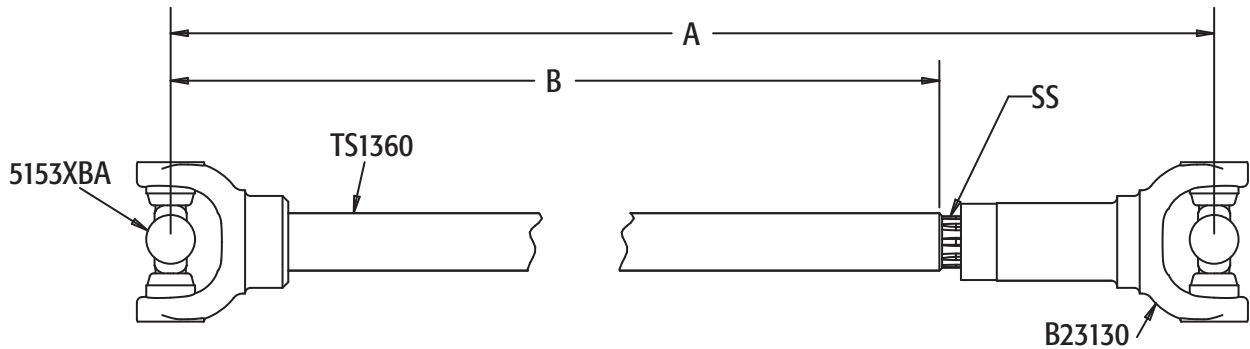
PART NO.	JOURNAL ASSEMBLY	SLIP YOKE	STUB SHAFT	TUBE AND WELD YOKE	OVERALL LENGTH	A	B TUBE AND WELD YOKE	WEIGHT	CAT.
TSA760	5170XBA	H7SY 1 $\frac{1}{8}$ -10 SP	SS	TS760	60"	55"	46-1/2"	12.16 lbs.	040 (Y)
TSA772	5170XBA	H7SY 1 $\frac{1}{8}$ -10 SP	SS	TS772	72"	67"	58-1/2"	11.20 lbs.	040 (Y)

TSA7 with Midship Stub

MSS Stubshaft use with TS760 and TS772 yoke and tubes, KAN Woodruff Key, P16 Pillow Block and H7EY1R1/4KW



Tubular Shaft Assemblies TSA13 Series

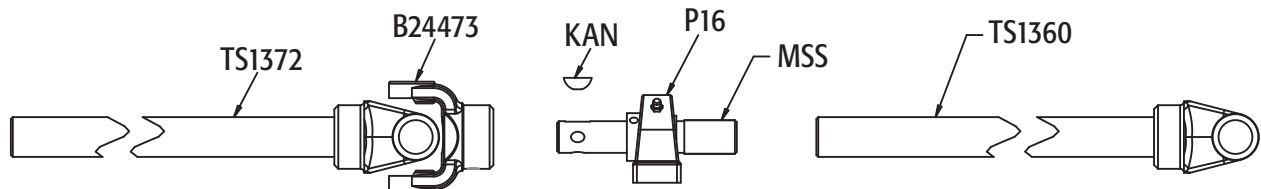


ORDERING INFORMATION

PART NO.	JOURNAL ASSEMBLY	SLIP YOKE	STUB SHAFT	TUBE AND WELD YOKE	OVERALL LENGTH	A	B TUBE AND WELD YOKE	WEIGHT	CAT.
TSA1360	5153XBA	B23130 1 $\frac{1}{8}$ -10 SP	SS	TS1360	60"	55"	46-1/2"	13.29 lbs.	040 (Y)
TSA1372	5153XBA	B23130 1 $\frac{1}{8}$ -10 SP	SS	TS1372	72"	67"	58-1/2"	14.75 lbs.	040 (Y)

TSA13 with Midship Stub

MSS Stubshaft use with TS1360 and TS1372 yoke and tubes, KAN Woodruff Key, P16 Pillow Block and B24473 1"R end yoke

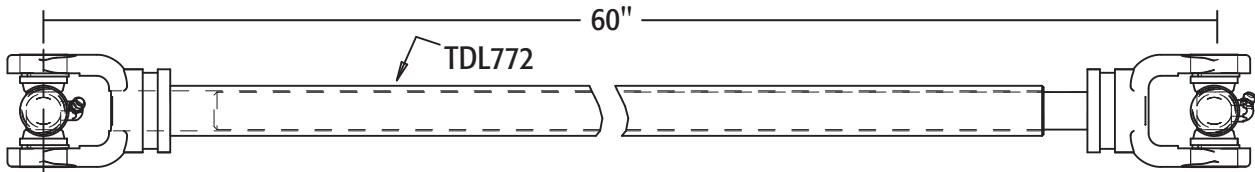


DRIVELINE COMPONENTS

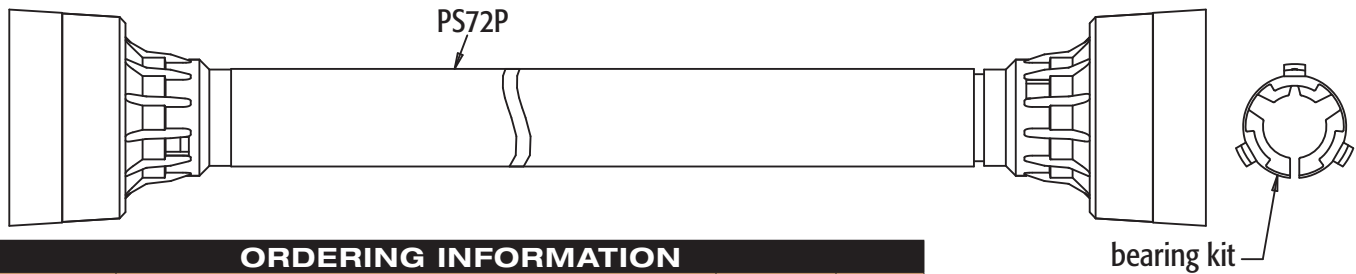
TELESCOPING DRIVELINE, SHAFTING

H7 SERIES TELESCOPING DRIVELINE

TDL772 Telescoping Rectangular Driveline



TDL772PS - (1 TDL772, 1 Plastic Shield, and 2 Bearing Kits)

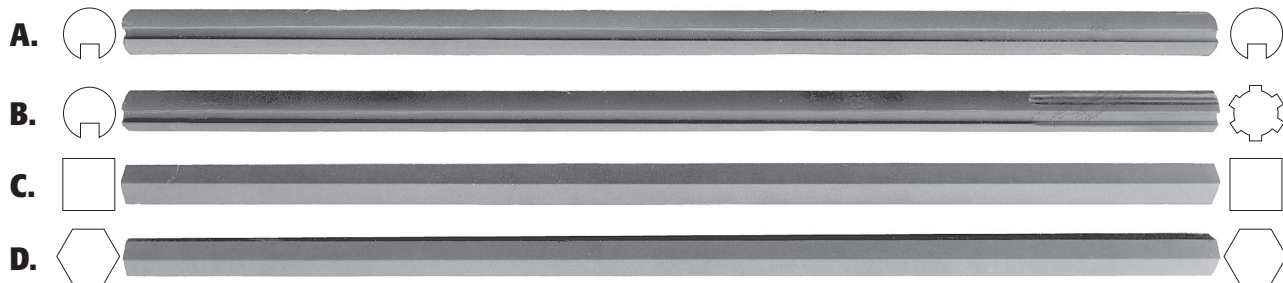


ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
TDL772	Telescoping Driveline Assembly	17.50 lbs.	050 (N)
TDL772PS	Telescoping Driveline Assembly with Shield and Bearing Kit	19.80 lbs.	050 (N)
PS72	Plastic Shield only for use with TDL772	2.28 lbs.	050 (N)

SOLID SHAFTING

- Buyers solid shafting speeds up P.T.O. installation while the full length keyway eliminates waste and increases strength.
- All solid shafting is produced with driveline shafting grade steel
- Available with round, splined, square, and hex shaftings



ORDERING INFORMATION

PART NO.	DIAMETER	KEYWAY	LENGTH	WEIGHT	CAT.
ROUND SHAFTING					
A 8725372	7/8"	1/4"	72"	12.30 lbs.	110 (Y)
A 10025372	1"	1/4"	72"	16.02 lbs.	110 (Y)
A 12531372	1 1/4"	5/16"	72"	25.02 lbs.	110 (Y)
A 15037372	1 1/2"	3/8"	72"	36.00 lbs.	110 (Y)

ORDERING INFORMATION

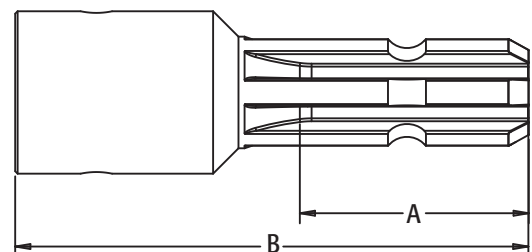
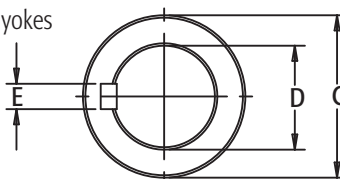
PART NO.	DIAMETER	KEYWAY	LENGTH	WEIGHT	CAT.
SPLINED SHAFTING					
B SH2027	1 1/4" 6 Splined	5/16"	72"	23.76 lbs.	110 (Y)
SQUARE SHAFTING					
C 870272	7/8" Square	-	72"	15.60 lbs.	110 (Y)
HEX SHAFTING					
D 871272	7/8" Hex	-	72"	13.50 lbs.	110 (Y)
D 1121272	1 1/8" Hex	-	72"	22.38 lbs	110 (Y)

SHAFT ADAPTERS

- Designed for tractor trailer drivelines, the spline is grooved to accommodate quick detach button type yokes

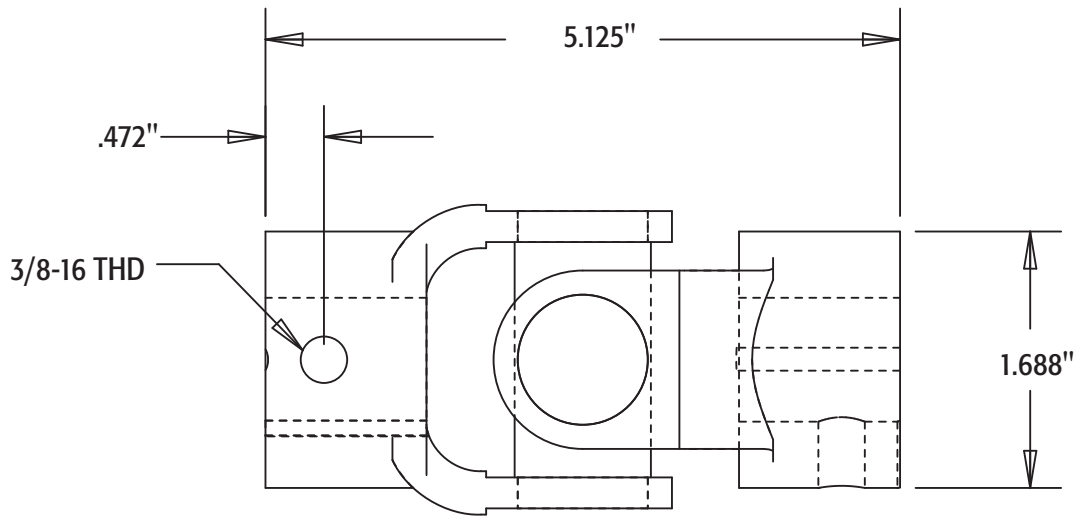
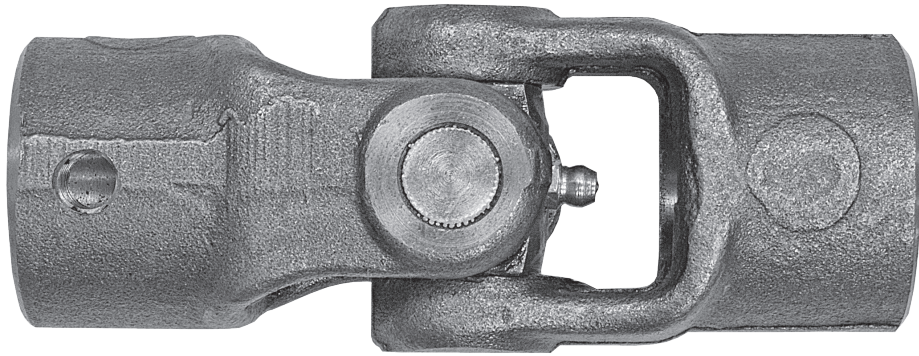
ORDERING INFORMATION

PART NO.	A	B	C	D	E
SA1	3.00	6.32	2.00	1.00	1/4"
SA2	3.00	6.32	2.00	1.125	1/4"
SA3	3.00	6.32	2.00	1.25	5/16"
SA4	3.00	7.13	2.75	1.50	3/8"



H3 STANDARD PIN & BLOCK JOINTS

- Ideal for Tarp Systems



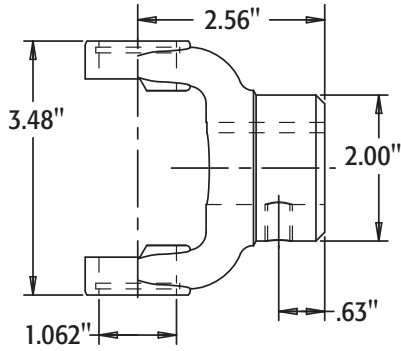
ORDERING INFORMATION

PART NO.	SIZES STOCKED
H3393X393	1R-1/4KW x 1" Round 1/4KW
H3293X282	1R-1/4KW x 7/8" Hex
H3013X013	3/4R-3/16KW x 3/4-3/16KW

DRIVELINE COMPONENTS

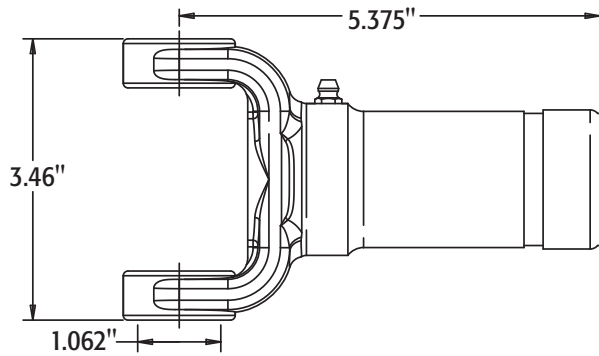
B1310 SERIES USE 5153XBA CROSS KIT

END YOKES



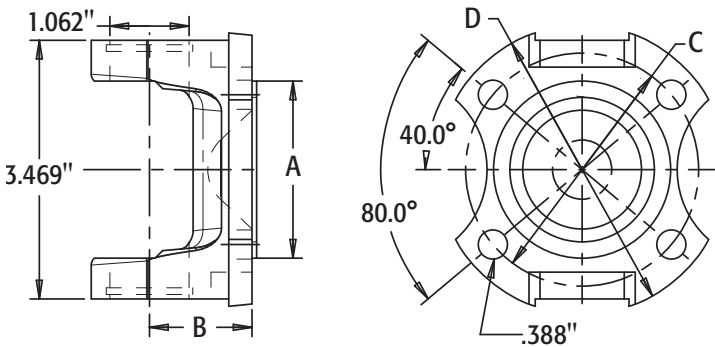
ORDERING INFORMATION			
PART NO.	DESCRIPTION	WEIGHT	CAT.
B24473	1" Round, 1/4" KW	1.80 lbs.	020 (Y)
B24503	1-1/8" Round, 1/4" KW	1.66 lbs.	020 (Y)
B24523	1-1/8" Round, 5/16" KW	1.73 lbs.	020 (Y)
B24533	1-1/4" Round, 5/16" KW	1.73 lbs.	020 (Y)
NEW B24573	1-1/4" Round, 1/4" KW	1.73 lbs.	020 (Y)
B241103	1-1/4" Round, No Keyway No Setscrew	1.76 lbs.	020 (Y)
B243331	7/8" 13 Spline Bore	2.00 lbs.	020 (Y)
B2432	1-1/8" Hex Bore	2.40 lbs.	020 (Y)

SLIP YOKES



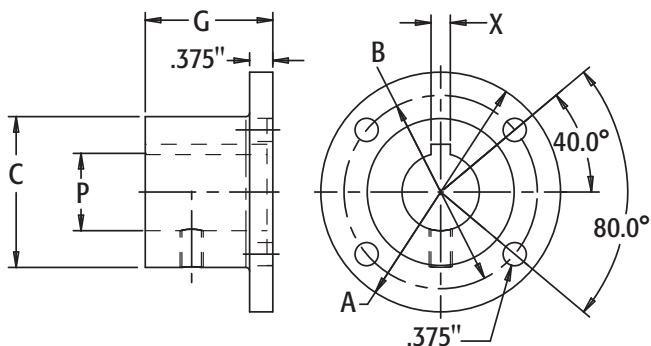
ORDERING INFORMATION			
PART NO.	DESCRIPTION	WEIGHT	CAT.
B23128KX	1-3/8" 16 Spline Bore	2.32 lbs.	020 (Y)
B23130	1-1/8" 10 Spline Bore	1.91 lbs.	020 (Y)
11840H	1-1/8" Hex Bore	1.91 lbs.	020 (Y)

FLANGE YOKES



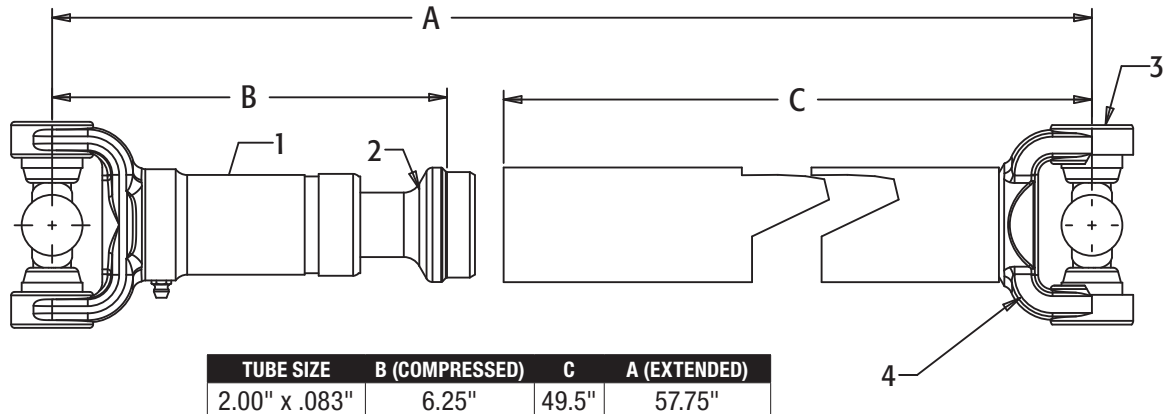
ORDERING INFORMATION						
PART NO.	A	B	C	D	WEIGHT	CAT.
B22329	2.375	1.375	3.125	3.875	1.50 lbs.	020 (Y)
B22479	2.750	1.375	3.750	4.625	2.00 lbs.	020 (Y)

COMPANION FLANGE



ORDERING INFORMATION								
PART NO.	A	B	C	G	P	X	WEIGHT	CAT.
B21333	3.875	3.125	2.44	2	1.25	.3125	3.0 lbs.	020 (Y)

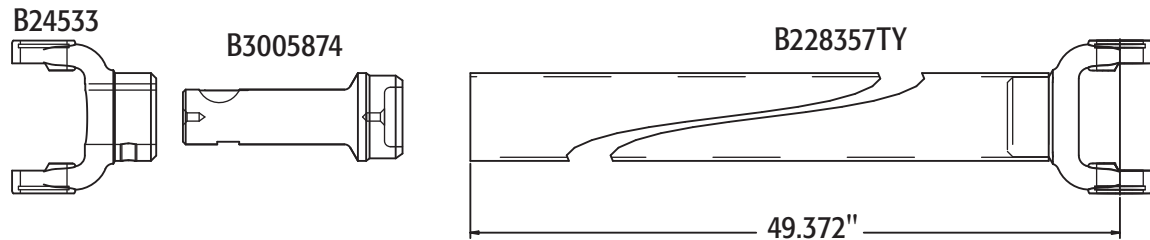
B1310 TUBULAR SHAFT ASSEMBLY



ORDERING INFORMATION			
PART NO.	DESCRIPTION	WEIGHT	CAT.
B9553SF	B1310 Tubular Shaft Assembly	15.0 lbs.	020 (Y)
B23128KX ①	Slip Yoke, 1-3/8"-16 Spline	2.32 lbs.	020 (Y)
B2401031 ②	Stub Shaft, 1-3/8"-16 Spline	2.25 lbs.	020 (Y)
5153XBA ③	Cross Bearing	1.17 lbs.	020 (Y)
B228357TY ④	Tube and Yoke	9.26 lbs.	020 (Y)

B1310 MIDSHIP STUB SHAFT

• Stub is used with a P20 Pillow Block, KBN Woodruff Key and B24533 End Yoke.



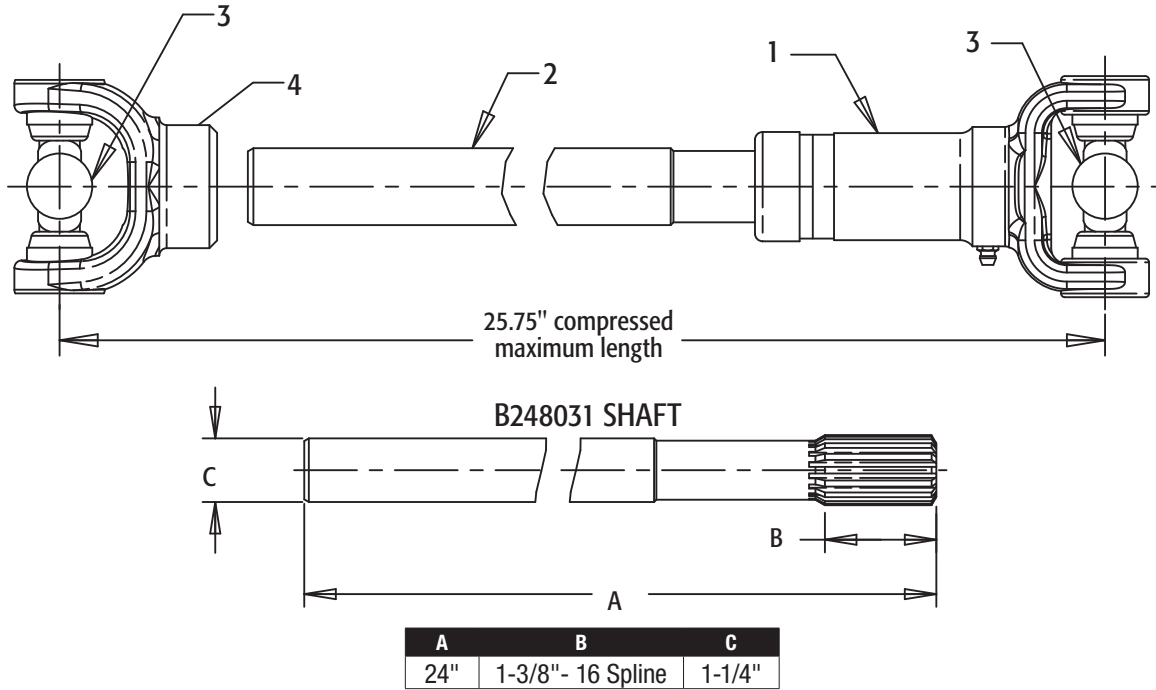
ORDERING INFORMATION			
PART NO.	DESCRIPTION	WEIGHT	CAT.
B3005874	B1310 Midship Stub Shaft	2.05 lbs.	020 (Y)

DRIVELINE COMPONENTS

B1310 UNWELDED DRIVESHAFT ASSEMBLIES

B1310 SOLID SHAFT ASSEMBLY

• Solid Shaft Assembly is used for close coupled applications.

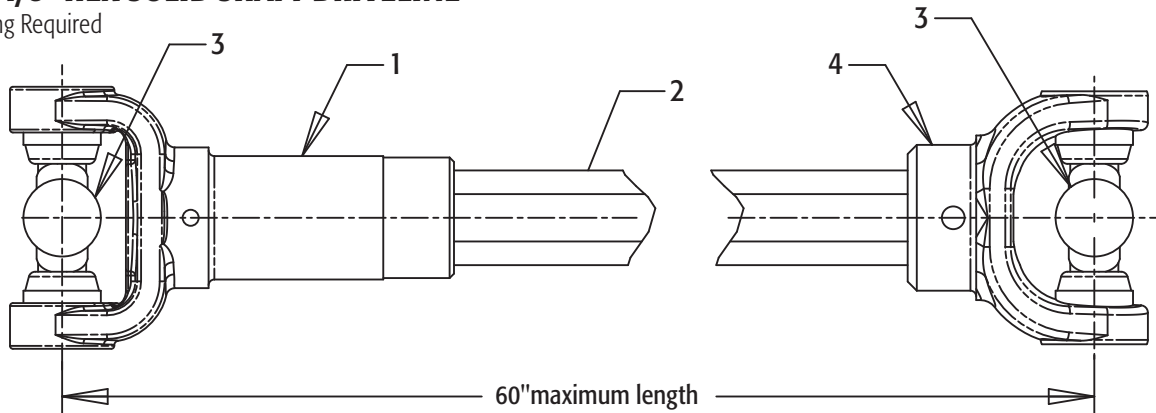


ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B91382SF	B1310 Solid Shaft Assembly	13.56 lbs.	020 (Y)
B23128KX ❶	Slip Yoke, 1-3/8"-16 Spline	2.32 lbs.	020 (Y)
B248031 ❷	Solid Shaft	8.31 lbs.	020 (Y)
5153XBA ❸	Cross Kit	1.17 lbs.	020 (Y)
B241103 ❹	Weld Yoke	1.76 lbs.	020 (Y)

B1310 1-1/8" HEX SOLID SHAFT DRIVELINE

• No Welding Required



ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
B91322SF	B1310 1-1/8" Hex Solid Shaft Driveline	27.65 lbs.	020 (Y)
11840H ❶	Slip Yoke, 1-1/8" Hex Slip Yoke	1.70 lbs.	020 (Y)
1121272 ❷	1-1/8" Hex Shaft	22.38 lbs.	020 (Y)
5153XBA ❸	Cross Kit	1.17 lbs.	020 (Y)
B2432 ❹	1-1/8" Hex End Yoke	2.4 lbs.	020 (Y)

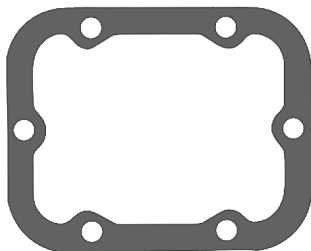
DRIVELINE COMPONENTS

SPLINED STUBS, SPACERS & GASKETS, KEYS & ACCESSORIES

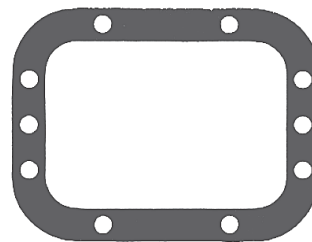


A. Solid Splined Stub Insert

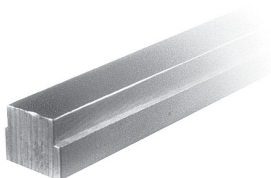
• The Solid Splined Stub is a 1 1/8" 10 spline stub shaft for use with 1 1/4" dia. tubing with .095 wall



B. Gasket, 6-Hole



C. Gasket, 8-Hole



D. Step Keys



E. Square Keys/Key Stock



F. Woodruff Keys



G. Square Head Set Screw Cup Point



H. Allen Head Set Screws



I. Journal Assembly

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A SS	Solid Splined Stub	1.50 lbs.	060 (N)
B B35P91	.010", Thickness	0.01 lbs.	100 (N)
B B35P92	.020", Thickness	0.01 lbs.	100 (N)
C B35P151	.010", Thickness	0.01 lbs.	100 (N)
C B35P152	.020", Thickness	0.01 lbs.	100 (N)
D KS4512	1/4" x 5/16" x 12"	0.25 lbs.	070 (N)
D KS5612	5/16" x 3/8" x 12"	0.35 lbs.	070 (N)
E KS302	3/16" Sq. Key x 2" Long	0.13 lbs.	070 (N)
E KS402	1/4" Sq. Key x 2" Long	0.13 lbs.	070 (N)
E KS404	1/4" Sq. Key x 4" Long	0.13 lbs.	070 (N)
E KS502	5/16" Sq. Key x 2" Long	0.13 lbs.	070 (N)
E KS504	5/16" Sq. Key x 4" Long	0.13 lbs.	070 (N)
E KS602	3/8" Sq. Key x 2" Long	0.13 lbs.	070 (N)
E KS312	3/16" Sq. x 12" Long	0.13 lbs.	070 (N)
E KS412	1/4" Sq. x 12" Long	0.25 lbs.	070 (N)
E KS512	5/16" Sq. x 12" Long	0.38 lbs.	070 (N)
E KS612	3/8" Sq. x 12" Long	0.50 lbs.	070 (N)

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
F K5N	1/8" x 5/8"	0.01 lbs.	070 (N)
F K9N	3/16" x 3/4"	0.01 lbs.	070 (N)
F K11N	3/16" x 7/8"	0.01 lbs.	070 (N)
F K13N	3/16" x 1"	0.02 lbs.	070 (N)
F K15N	1/4" x 1"	0.02 lbs.	070 (N)
F K18N	1/4" x 1 1/8"	0.03 lbs.	070 (N)
F K21N	1/4" x 1 1/4"	0.04 lbs.	070 (N)
F K24N	1/4" x 1 1/2"	0.05 lbs.	070 (N)
F KAN	1/4" x 7/8"	0.02 lbs.	070 (N)
F KBN	5/16" x 1"	0.03 lbs.	070 (N)
F KCN	5/16" x 1 1/8"	0.04 lbs.	070 (N)
G 34*	3/8"-16 Thd. x 3/4" (3/32" dia. hole)	0.03 lbs.	080 (N)
G 14*	1/4"-20 x 3/4" NC (no hole)	0.01 lbs.	080 (N)
H 32*	3/8"-16 Thd. x 1/2"	0.01 lbs.	080 (N)
H 38*	3/8"-16 Thd. x 3/8"	0.01 lbs.	080 (N)
I 5170X	15/16" cap, inside lock	0.63 lbs.	030 (Y)
I NB7A	15/16" cap, inside lock	0.50 lbs.	030 (Y)
I NB10A	1" cap, inside lock	0.71 lbs.	030 (Y)
I NB12A	1 1/16" cap, inside lock	0.83 lbs.	030 (Y)
I 5153XBA	1 1/16" cap, outside lock	1.17 lbs.	030 (Y)

* Minimum order 100 (sold in multiples of 100)

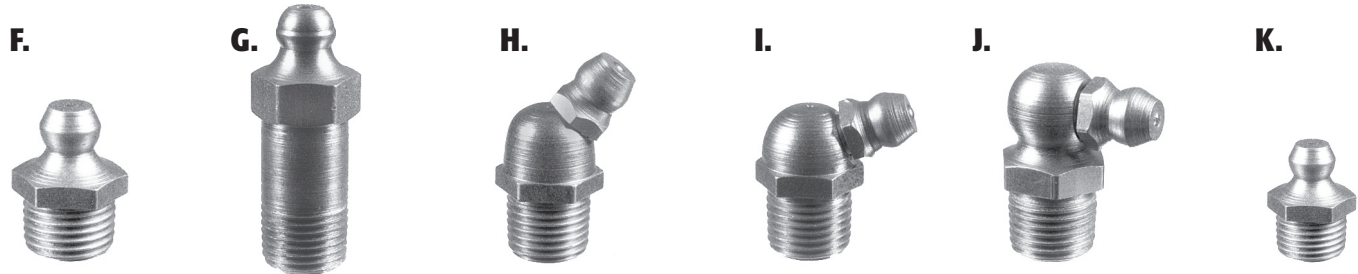
DRIVELINE COMPONENTS

GREASE FITTINGS

A. - E. Drive-In Grease Fittings



F. - K. 1/8" Pipe Grease Fittings



L. - N. 1/4"-28 Taper Thread Grease Fittings



O. Grease Fitting Assortment



ORDERING INFORMATION

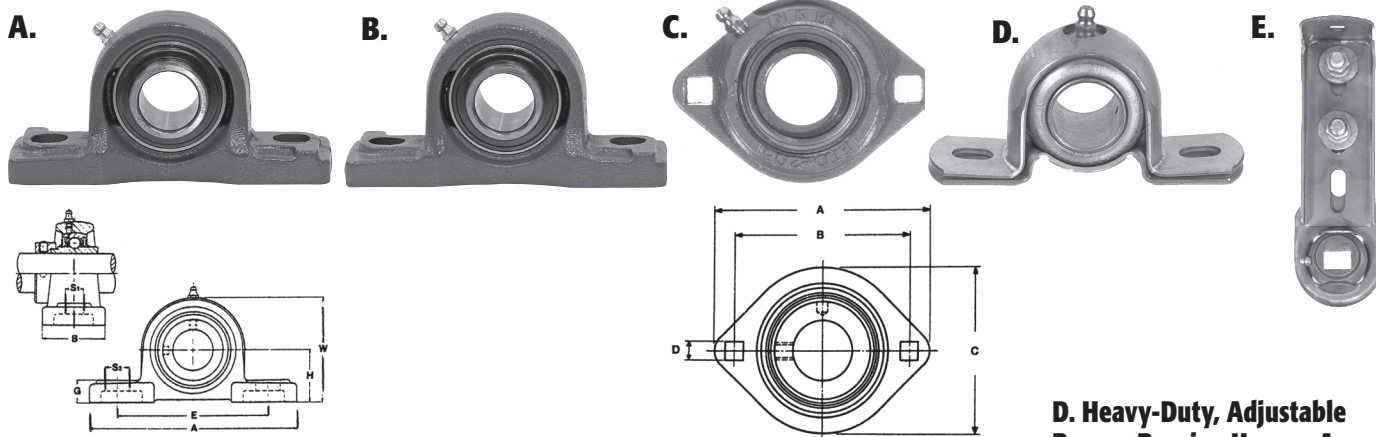
PART NO.	HOLE SIZE	OVERALL SIZE	BALL CHECK	ANGLE	WEIGHT	CAT.
A 500*	5/16"	5/8"	—	Straight	0.01 lbs.	090 (N)
B 511*	3/16"	5/8"	—	Straight	0.01 lbs.	090 (N)
C 515*	1/4"	5/8"	—	Straight	0.01 lbs.	090 (N)
D 90	Drive-in Tool for Straight Fittings				0.01 lbs.	090 (N)
E 91	Drive-in Tool for Angle Fittings; (Length 4 1/2", Dia. 11/16")				0.01 lbs.	090 (N)
F 800*	1/4" NPT	49/64"	Yes	Straight	0.01 lbs.	090 (N)
G 815*	1/4" NPT	1 1/4"	Yes	Straight	0.03 lbs.	090 (N)
H 851*	1/4" NPT	11/16"	Yes	45°	0.02 lbs.	090 (N)
I 852*	1/4" NPT	29/32"	Yes	67 1/2°	0.02 lbs.	090 (N)
J 853*	1/4" NPT	55/64"	Yes	90°	0.02 lbs.	090 (N)
K 900*	1/4" NPT	1/4"	Yes	Straight	0.03 lbs.	090 (N)
L 400*	1/4"-28	39/64"	Short	Straight	0.01 lbs.	090 (N)
M 450*	1/4"-28	29/32"	Short	45°	0.02 lbs.	090 (N)
N 455*	1/4"-28	5/16"	Short	90°	0.02 lbs.	090 (N)
O 1148**	Grease Fitting Assortment, 100 Pcs. Packaged in a Durable Labeled Box				1.49 lbs.	090 (N)

*Minimum order 100 (sold in multiples of 100)

**Contains: (25) 400, (10) 450, (10) 455, (10) 511, (20) 800, (10) 851, (5) 852, (10) 853

DRIVELINE COMPONENTS

PILLOW BLOCKS & BEARING HANGER



A. Precision Ground Pillow Block - Eccentric Locking Collar

- Self-aligning, replaceable bearings are produced with eccentric locking collars which allows for higher RPM's & provides longer life

B. Precision Ground Pillow Block- Set Screw Locking Collar

- Self-aligning, replaceable bearing, with extended inner race, set screw locking

C. Spreader and Jackshaft Bearing

- Cast iron housing for use on spreaders, wreckers & similar type applications

D. Heavy-Duty, Adjustable Bronze Bearing Hanger Assy.

- Self-aligning
- #EJ Replacement bearing only
- Specify size (i.e. E16J)

E. Bronze Bearing Pillow Block

- Self-aligning

ORDERING INFORMATION

PART NO.	BEARING ONLY PART NO.	SHAFT DIA.	H	A	E	B	S2	S1	G	W	BOLT USED	WEIGHT	CAT.
A P12	—	3/4"	1 5/16"	5"	3 3/4"	1 1/2"	3/4"	1/2"	1/2"	2 17/32"	3/8"	1.15 lbs.	390 (Y)
A P14	AR014	7/8"	1 7/16"	5 1/2"	4 1/8"	1 1/2"	3/4"	1/2"	1/2"	2 25/32"	3/8"	1.90 lbs.	390 (Y)
A P15	AR015	1 5/16"	1 7/16"	5 1/2"	4 1/8"	1 1/2"	3/4"	1/2"	1/2"	2 25/32"	3/8"	1.90 lbs.	390 (Y)
A P16	—	1"	1 7/16"	5 1/2"	4 1/8"	1 1/2"	3/4"	1/2"	1/2"	2 25/32"	3/8"	1.90 lbs.	390 (Y)
A P18	—	1 1/8"	1 11/16"	6 1/2"	4 3/4"	1 7/8"	13/16"	2 1/32"	1 9/32"	3 5/16"	1/2"	3.25 lbs.	390 (Y)
A P20	—	1 1/4"	1 7/8"	6 9/16"	5"	1 7/8"	13/16"	2 1/32"	5/8"	3 2 1/32"	1/2"	4.10 lbs.	390 (Y)
A P24	—	1 1/2"	1 5/16"	7 1/4"	5 13/32"	2 1/8"	13/16"	2 1/32"	2 1/32"	3 27/32"	1/2"	4.75 lbs.	390 (Y)
A P18HEX	—	1 1/8" Hex	1 7/8"	6 9/16"	5"	1 7/8"	13/16"	2 1/32"	5/8"	3 2 1/32"	1/2"	3.65 lbs.	390 (Y)

ORDERING INFORMATION

PART NO.	SHAFT DIA.	MOUNTING HOLES C-C	WEIGHT	CAT.
B P12SCR	3/4"	3.75"	1.6 lbs.	390 (Y)
B P16SCR	1"	4.13"	1.9 lbs.	390 (Y)
B P18SCR	1 1/8"	4.75"	3.4 lbs.	390 (Y)
B P20SCR	1 1/4"	4.75"	3.3 lbs.	390 (Y)
B P22SCR	1 3/8"	5.00"	4.0 lbs.	390 (Y)
B P24SCR	1 1/2"	5.38"	5.0 lbs.	390 (Y)
B P28SCR	1 3/4"	5.75"	5.6 lbs.	390 (Y)
B P30SCR	1 5/16"	6.25"	7.0 lbs.	390 (Y)
B P32SCR	2"	6.75"	8.5 lbs.	390 (Y)

ORDERING INFORMATION

PART NO.	DESCRIPTION	BORE	A	B	C	D	WEIGHT	CAT.
C 2FS16	Meyer®* Type	1"	3 3/4"	3"	2 11/16"	7/16"	0.9 lbs.	390 (Y)

ORDERING INFORMATION

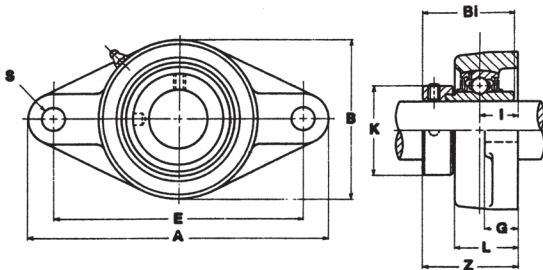
PART NO.	DESCRIPTION	WEIGHT	CAT.
D DKE14JSQ	7/8" Square	2.50 lbs.	440 (Y)
E BFE12G	3/4" Pillow Block	0.70 lbs.	390 (Y)
E BFE13G	13/16" Pillow Block	0.70 lbs.	390 (Y)
E BFE15G	1 5/16" Pillow Block	0.70 lbs.	390 (Y)
E BFE16G	1" Pillow Block	0.70 lbs.	390 (Y)
E BFE20G	1 1/4" Pillow Block	0.70 lbs.	390 (Y)

* Buyers Products is not authorized by nor affiliated with the manufacturer of Meyer® products

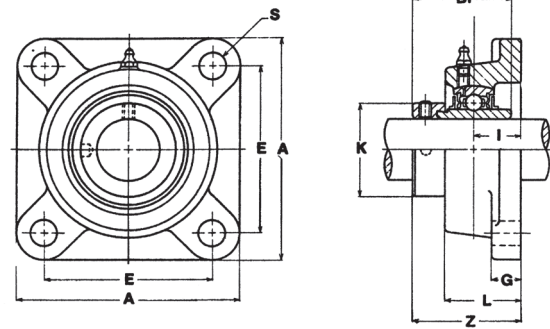
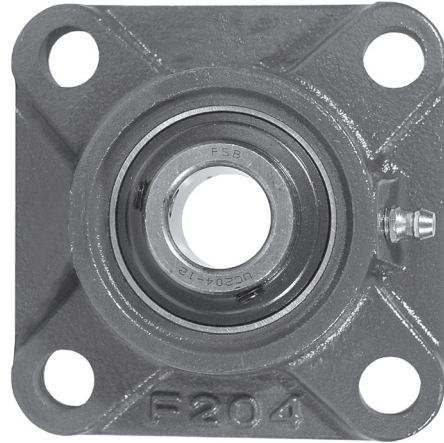
DRIVELINE COMPONENTS

FLANGE UNITS

A.



B.



A. 2 Hole Eccentric Locking Collar Flange Unit

- These quality flange units are produced with self-aligning replaceable bearings and an eccentric locking collar

2 Hole Set Screw Flange Unit

- These quality flange units are produced with self-aligning replaceable bearings and set-screw locking collar

B. 4 Hole Eccentric Locking Collar Flange Unit

- These quality flange units are produced with self-aligning replaceable bearings and an eccentric locking collar

4 Hole Set Screw Flange Unit

- These quality flange units are produced with self-aligning replaceable bearings and set-screw locking collar

ORDERING INFORMATION

	PART NO.	LOCK COLLAR or SET SCREW	SHAFT DIA.	A	E	I	G	L	S	B	Z	Bi	K	BOLT USED	WEIGHT	CAT.
A	2F12	Lock Collar	3/4"	4 ¹³ / ₃₂ "	3 ¹⁷ / ₃₂ "	3/4"	7/16"	1 ⁵ / ₃₂ "	1 ¹³ / ₃₂ "	2 ³ / ₈ "	1 ²⁵ / ₃₂ "	1.712"	1 ¹ / ₄ "	5/16"	1.20 lbs.	390 (Y)
A	2F16	Lock Collar	1"	4 ⁷ / ₈ "	3 ⁵⁷ / ₆₄ "	2 ⁵ / ₃₂ "	1 ⁷ / ₃₂ "	1 ¹ / ₃₂ "	1/2"	2 ³ / ₄ "	1 ²⁷ / ₃₂ "	1.744"	1 ¹ / ₂ "	3/8"	2.00 lbs.	390 (Y)
A	2F20	Lock Collar	1 ¹ / ₄ "	6 ¹ / ₈ "	5 ¹ / ₈ "	2 ⁷ / ₃₂ "	9/16"	1 ⁷ / ₁₆ "	3 ⁵ / ₆₄ "	3 ³ / ₄ "	2 ¹ / ₈ "	2.011"	2 ³ / ₁₆ "	7/16"	3.40 lbs.	390 (Y)
A	2F12SCR	Set Screw	3/4"	4 ⁷ / ₁₆ "	3 ³⁵ / ₆₄ "	1 ⁹ / ₃₂ "	7/16"	1"	1 ⁵ / ₃₂ "	2 ³ / ₈ "	1 ⁵ / ₁₆ "	1.221"	-	3/8"	1.20 lbs.	390 (Y)
A	2F16SCR	Set Screw	1"	5 ¹ / ₈ "	3 ⁵⁷ / ₆₄ "	5/8"	1/2"	1 ¹ / ₁₆ "	5/8"	2 ¹ / ₁₆ "	1 ¹³ / ₃₂ "	1.339"	-	1/2"	1.40 lbs.	390 (Y)
A	2F18SCR	Set Screw	1 ¹ / ₈ "	5 ¹³ / ₁₆ "	4 ³⁹ / ₆₄ "	4 ⁵ / ₆₄ "	1/2"	1 ⁷ / ₃₂ "	5/8"	3 ⁵ / ₃₂ "	1 ¹⁹ / ₃₂ "	1.500"	-	1/2"	2.00 lbs.	390 (Y)
A	2F20SCR	Set Screw	1 ¹ / ₄ "	5 ¹³ / ₁₆ "	4 ³⁹ / ₆₄ "	4 ⁵ / ₆₄ "	1/2"	1 ⁷ / ₃₂ "	5/8"	3 ⁵ / ₃₂ "	1 ¹⁹ / ₃₂ "	1.500"	-	1/2"	2.00 lbs.	390 (Y)
A	2F24SCR	Set Screw	1 ¹ / ₂ "	6 ⁷ / ₈ "	5 ⁴³ / ₆₄ "	5 ³ / ₆₄ "	9/16"	1 ¹³ / ₃₂ "	5/8"	3 ¹⁵ / ₁₆ "	2 ¹ / ₃₂ "	1.937"	-	1/2"	3.50 lbs.	390 (Y)
A	2F30SCR	Set Screw	1 ⁵ / ₁₆ "	7 ³ / ₄ "	6 ³ / ₁₆ "	5 ⁵ / ₆₄ "	1 ⁹ / ₃₂ "	1 ⁹ / ₁₆ "	3/4"	4 ¹⁷ / ₃₂ "	2 ⁵ / ₃₂ "	2.032"	-	5/8"	4.80 lbs.	390 (Y)
B	4F16	Lock Collar	1"	3 ³ / ₄ "	2 ³ / ₄ "	.827"	7/16"	1 ³ / ₈ "	2 ⁹ / ₆₄ "	-	1 ⁵⁷ / ₆₄ "	1.744"	1 ¹ / ₂ "	3/8"	2.15 lbs.	390 (Y)
B	4F20	Lock Collar	1 ¹ / ₄ "	4 ⁵ / ₈ "	3 ⁵ / ₈ "	.874"	1/2"	1 ¹ / ₂ "	3 ³ / ₆₄ "	-	2 ⁵ / ₃₂ "	2.011"	2 ³ / ₁₆ "	7/16"	4.00 lbs.	390 (Y)
B	4F24	Lock Collar	1 ¹ / ₂ "	5 ¹ / ₈ "	4"	.969"	5/8"	1 ⁵ / ₈ "	3 ⁵ / ₆₄ "	-	2 ¹¹ / ₃₂ "	2.216"	2 ³ / ₈ "	1/2"	4.75 lbs.	390 (Y)
B	4F12SCR	Set Screw	3/4"	3 ³ / ₈ "	2 ³⁹ / ₆₄ "	1 ⁹ / ₃₂ "	1 ⁵ / ₃₂ "	1"	1 ⁵ / ₃₂ "	-	1 ⁵ / ₁₆ "	1.221"	-	3/8"	1.40 lbs.	390 (Y)
B	4F16SCR	Set Screw	1"	3 ³ / ₄ "	2 ³ / ₄ "	5/8"	9/16"	1 ¹ / ₁₆ "	1 ⁵ / ₃₂ "	-	1 ¹³ / ₃₂ "	1.339"	-	3/8"	1.80 lbs.	390 (Y)
B	4F20SCR	Set Screw	1 ¹ / ₄ "	4 ¹ / ₄ "	3 ¹⁷ / ₆₄ "	4 ⁵ / ₆₄ "	9/16"	1 ⁷ / ₃₂ "	1 ⁵ / ₃₂ "	-	1 ¹⁹ / ₃₂ "	1.500"	-	3/8"	2.40 lbs.	390 (Y)
B	4F22SCR	Set Screw	1 ³ / ₈ "	4 ¹⁹ / ₃₂ "	3 ⁵ / ₈ "	3/4"	5/8"	1 ¹¹ / ₃₂ "	3 ⁵ / ₆₄ "	-	1 ³ / ₄ "	1.689"	-	7/16"	3.30 lbs.	390 (Y)
B	4F24SCR	Set Screw	1 ¹ / ₂ "	5 ¹ / ₈ "	4 ¹ / ₆₄ "	5 ³ / ₆₄ "	5/8"	1 ¹³ / ₃₂ "	5/8"	-	2 ¹ / ₃₂ "	1.937"	-	1/2"	4.20 lbs.	390 (Y)
B	4F28SCR	Set Screw	1 ³ / ₄ "	5 ¹³ / ₃₂ "	4 ⁹ / ₆₄ "	5 ⁵ / ₆₄ "	2 ³ / ₃₂ "	1 ¹ / ₂ "	5/8"	-	2 ¹ / ₁₆ "	1.937"	-	1/2"	5.10 lbs.	390 (Y)
B	4F30SCR	Set Screw	1 ⁵ / ₁₆ "	5 ⁵ / ₈ "	4 ³ / ₈ "	5 ⁵ / ₆₄ "	2 ³ / ₃₂ "	1 ⁹ / ₁₆ "	5/8"	-	2 ⁵ / ₃₂ "	2.032"	-	1/2"	5.80 lbs.	390 (Y)
B	4F32SCR	Set Screw	2"	6 ³ / ₈ "	5 ¹ / ₈ "	6 ³ / ₆₄ "	2 ⁵ / ₃₂ "	1 ¹¹ / ₁₆ "	3/4"	-	2 ⁵ / ₁₆ "	2.189"	-	5/8"	7.50 lbs.	390 (Y)

ELECTRICAL & LIGHTING

DOT TRUCK & TRAILER LIGHTS - LED



5627513 and 5627523



5627514 and 5627524



5627511 and 5627521



5627512 and 5627522

A. 3/4" Round Marker/Clearance Light

- 3 LED, Red or Amber
- With or without .180" Male Bullets

B. 3/4" Round Marker/Clearance Light

- 1 LED, Red or Amber
- With or without .180" Male Bullets



B. 2" Round 1-LED Marker/Clearance

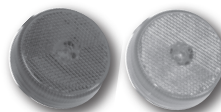
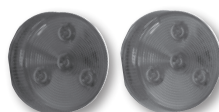
- 1 LED, Red or Amber
- Retail Package

B. 2" Round 1-LED Marker/Clearance Bulk

- 1 LED, Red or Amber
- 2" Bulk grommets also available

B. 2" Round 4-LED Marker/Clearance Bulk

- 4 LED, Red or Amber
- 2" Bulk grommets also available



C. 2 1/2" Round 4-LED Marker/Clearance

- 4 LED, Red or Amber
- Retail Package

C. 2 1/2" Round 2-LED Marker/Clearance

- 2 LED, Red or Amber
- 2-1/2" Bulk grommets also available

C. 2 1/2" Round 4-LED Marker/Clearance Bulk

- 4 LED, Red or Amber
- 2-1/2" Bulk grommets also available

C. 2 1/2" Round 4-LED Marker/Clearance Bulk

- 4 LED, Red or Amber w/Reflex Lens
- 2-1/2" Bulk grommets also available

C. 2 1/2" Round 7-LED Marker/Clearance Bulk

- 7 LED, Red or Amber
- 2-1/2" Bulk grommets also available



5622050
2" Grommet



5622505 & 5622506
2-1/2" Grommet

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
3/4" Round Marker/Clearance Lights				
A	5627513	3/4" Round 3 LED Red	0.05 lbs	562 (N)
A	5627523	3/4" Round 3 LED Amber	0.05 lbs	562 (N)
A	5627514	3/4" Round 3 LED Red	0.05 lbs	562 (N)
A	5627524	3/4" Round 3 LED Amber	0.05 lbs	562 (N)
A	5627511	3/4" Round 1 LED Red	0.05 lbs	562 (N)
A	5627521	3/4" Round 1 LED Amber	0.05 lbs	562 (N)
A	5627512	3/4" Round 1 LED Red	0.05 lbs	562 (N)
A	5627522	3/4" Round 1 LED Amber	0.05 lbs	562 (N)
2" Round Marker/Clearance Lights				
B	5622101	2" Round 1 LED Red	0.05 lbs.	562 (N)
B	5622201	2" Round 1 LED Amber	0.05 lbs.	562 (N)
B	5622150	2" Round 1 LED Red	0.65 lbs.	562 (N)
B	5622250	2" Round 1 LED Amber	0.07 lbs	562 (N)
B	5622154	2" Round 4 LED Red	0.07 lbs	562 (N)
B	5622254	2" Round 4 LED Amber	0.07 lbs	562 (N)

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
2" Grommet				
B	5622050	2" Black PVC Grommet	0.07 lbs	562 (N)
2-1/2" Round Marker/Clearance Lights				
C	5622512	2-1/2" Round 2 LED Red, Bulk	0.11 lbs.	562 (N)
C	5622522	2-1/2" Round 2 LED Amber, Bulk	0.11 lbs.	562 (N)
C	5622514	2-1/2" Round 4 LED Red w/Grommet & Plug	0.11 lbs.	562 (N)
C	5622524	2-1/2" Round 4 LED Amber w/Grommet & Plug	0.11 lbs.	562 (N)
C	5622550	2-1/2" Round 4 LED Red, Bulk	0.11 lbs	562 (N)
C	5622525	2-1/2" Round 4 LED Amber, Bulk	0.11 lbs	562 (N)
C	5622551	2-1/2" Round 4 LED Red w/Reflector, Bulk	0.11 lbs	562 (N)
C	5622526	2-1/2" Round 4 LED Amber w/Reflector, Bulk	0.11 lbs.	562 (N)
C	5622517	2-1/2" Round 7 LED Red, Bulk	0.11 lbs.	562 (N)
C	5622527	2-1/2" Round 7 LED Amber, Bulk	0.11 lbs.	562 (N)
2-1/2" Grommet				
C	5622505	2-1/2" Black PVC Grommet, Bulk	0.08 lbs.	562 (N)
C	5622506	2-1/2" Black PVC Grommet, Bulk	0.08 lbs.	562 (N)

LIMITED LIFETIME WARRANTY All LED DOT Lights carry a Limited Lifetime Warranty

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

DOT LED MARKER/ CLEARANCE LIGHTS



A. 3-1/8" Rectangular LED Marker/Clearance w/Reflex

- 3 LED, Red or Amber
- Retail or Bulk



B. 3-3/4" LED Clearance Fender Light

- 2 LED, Amber and Red
- Sold with or without bracket



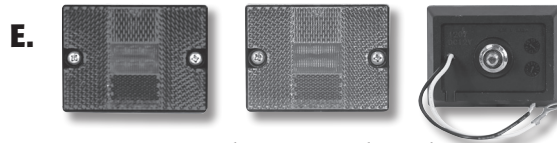
C. 2-1/2" Rectangular Surface Mount Marker Lights

- 3 LED, Red or Amber
- Includes base and plug



D. 2-1/2" Rectangular Surface Mount Marker Lights

- 3 LED, Red or Amber
- Bulk



E. 2-7/8" Rectangular LED Marker/Clearance, Bulk

- 6 LED, Red or Amber
- With Reflex
- Hard-Wired

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5623112	3-1/8" 2 LED, Red, w/reflector, grommet & plug	0.05 lbs	562 (N)
	A 5623122	3-1/8" 2 LED, Amber, w/reflector, grommet & plug	0.05 lbs	562 (N)
	A 5623113	3-1/8" 2 LED, Red, w/reflector, bulk	0.05 lbs	562 (N)
	A 5623123	3-1/8" 2 LED, Amber, w/reflector, bulk	0.05 lbs	562 (N)
	A 5623050	3-1/8" Grommet, PVC, Black	0.05 lbs	562 (N)
	B 5623711	3-3/4" 2 LED, Amber/Red, clearance fender light with bracket	0.05 lbs	562 (N)
	B 5623712	3-3/4" 2 LED, Amber/Red, clearance fender light only	0.05 lbs	562 (N)
	B 5623750	Bracket for 5623712 Clearance/Fender Light	0.01 lbs	562 (N)
	C 5622103	2-1/2" 3 LED, Red, w/base & plug	0.05 lbs	562 (N)
	C 5622203	2-1/2" 3 LED, Amber, w/base & plug	0.05 lbs.	562 (N)
	D 5622104	2-1/2" 3 LED, Red, bulk	0.05 lbs.	562 (N)
	D 5622204	2-1/2" 3 LED, Amber, bulk	0.04 lbs	562 (N)
	D 5622205	Grommet, Black, 2-1/2" Rectangular, recessed mount, bulk	0.05 lbs.	562 (N)
	E 5622716	2-7/8" 6 LED, Red, w/Reflex, hard wired	0.14 lbs.	562 (N)
	E 5622726	2-7/8" 6 LED, Amber, w/Reflex, hard wired	0.14 lbs.	562 (N)



All LED DOT Lights carry a Limited Lifetime Warranty

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

DOT LED TRUCK & TRAILER LIGHTS ICC ID MARKER LIGHTS



A. ICC ID Bar Marker LED Light

- 9 LED, Red
- w/Plastic Mount & Plug
- 17" L x 1-3/4" D x 1-1/2"H



B. ICC ID Bar Marker LED Light

- 9 LED, Red
- w/Stainless Steel Mount
- Hard-wired
- 14-1/4" L x 1-7/8" D x 1/2" H



C. ICC ID Marker Lights

- 9 LED, Red
- 3/4" Recessed Round
- .180" Male Bullets

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5621719	9 LED, Red, Plastic mount & plug 14-1/4" L x 1-7/8" D x 1/2" H	0.65 lbs.	562 (N)
	B 5621720	9 LED, Red, Stainless steel mount, hard wired, 17" L x 1-3/4" D x 1-1/2" H	0.55 lbs.	562 (N)
	C 5627533	9 LED, Red, 3/4" Recessed, Round, .180" Male Bullets	0.50 lbs.	562 (N)

LED STOP, TURN & TAIL LIGHTS



A. 4" Round Stop/Turn/Tail with PL3 Plug

- 10 or 18 LED, Red
- w/Grommet & PL3 Plug



B. 4" Round Stop/Turn/Tail with PL3 Connection, Bulk

- 10 or 18 LED, Red



C. 4" Round Stop/Turn/Tail Amp-style Connection, Bulk

- 10 LED, Red
- Amp-style Connection



D. 6" Oval Stop/Turn/Tail with PL3 Plug

- 10 or 20 LED, Red
- w/Grommet & PL3 Plug



E. 6" Oval Stop/Turn/Tail PL3 Connection, Bulk

- 10 or 20 LED, Red



F. 6" Oval Stop/Turn/Tail Amp-style Connection, Bulk

- 10 LED, Red
- Amp-style Connection



G. 6" Oval Stop/Turn/Tail Surface Mount

- 10 LED, Red
- Surface Mount
- Hard-wired

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5624110	4" Round, 10 LED Red, w/grommet and PL3 plug.	0.65 lbs	562 (N)
	A 5624118	4" Round, 18 LED Red, w/grommet and PL3 plug	0.50 lbs	562 (N)
	B 5624150	4" Round, 10 LED Red, PL3 connection, bulk	0.55 lbs	562 (N)
	B 5624119	4" Round, 18 LED, Red, PL3 connection, bulk	0.55 lbs	562 (N)
	C 5624151	4" Round, 10 LED Red, Amp-style connection, bulk	0.34 lbs	562 (N)
	D 5626510	6" Oval, 10 LED Red, w/grommet and connection	0.50 lbs	562 (N)
	D 5626520	6" Oval, 20 LED Red, w/grommet and connection	0.85 lbs	562 (N)
	E 5626550	6" Oval, 10 LED, Red, PL3 connection, bulk	0.36 lbs	562 (N)
	E 5626521	6" Oval, 20 LED, Red, PL3 connection, bulk	0.29 lbs	562 (N)
	F 5626551	6" Oval, 10 LED, Amp style connection, bulk	0.29 lbs	562 (N)
	G 5626552	6" Oval, 10 LED, Red, w/grommet, hard-wired, bulk	0.34 lbs	562 (N)



All LED DOT Lights carry a Limited Lifetime Warranty

= Available in Full Color Retail Package

ELECTRICAL & LIGHTING

DOT LED TRUCK & TRAILER LIGHTS LED STOP, TURN & TAIL LIGHTS



A Stop/Turn/Tail with PL3 plug

- 10 LED, Red
- Grommet and PL3 Plug



B. 17" Slim, Stop/Turn/Tail, Bulk

- 11 LED, Red
- Hard-wired
- 17" L x 1-3/4" D x 1-1/2" H



C. Box Style 3-Stud Stop/Turn/Tail

- Red, Box-Style
- Available with License plate light and bracket

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
B.P.C.	A 5625115	5-1/3" Rectangular, 15 LED Red, w/grommet and plug	0.65 lbs.	562 (N)
	B 5621711	17", 9 LED, Red, Stainless steel mount, hard wired, 17" L x 1-3/4" D x 1-1/2" H	0.55 lbs.	562 (N)
B.P.C.	C 5626734	5-3/4", 34 LED Red, box style	1.24 lbs.	562 (N)
B.P.C.	C 5626738	5-3/4", 38 LED Red, box style w/license plate light	1.24 lbs.	562 (N)
B.P.C.	C 5626700	License plate bracket	0.12 lbs.	562 (N)



A. Turn Signal with PL3 plug

- 10 LED, Amber
- Grommet and PL3 Plug



B. Turn Signal with Amp-style Connection, Bulk

- 10 LED, Amber
- Amp-style Connection



C. Turn Signal with PL3 plug

- 15 LED, Amber
- Grommet & PL3 Plug



D. 6-1/2" Oval Turn Signal with PL3 plug

- 10 LED, Amber
- Grommet & PL3 Plug



E. 6-1/2" Oval Turn Signal with PL3 plug connection, Bulk

- 10 LED, Amber



F. 6-1/2" Oval Turn Signal with PL3 plug

- 9 LED, Amber
- Turn/Side Marker w/ Reflex
- Retail or Bulk

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
B.P.C.	A 5624210	4" Round, 10 LED Amber, w/grommet and PL3 plug.	0.70 lbs	562 (N)
	B 5624251	4" Round, 10 LED Amber, Amp-style connection	0.70 lbs	562 (N)
B.P.C.	C 5625215	5-1/3" Rectangular, 15 LED Amber, w/grommet and PL3 plug	0.70 lbs	562 (N)
B.P.C.	D 5626210	6" Oval, 10 LED Amber, w/grommet and PL3 plug.	0.71 lbs	562 (N)
	E 5626211	6" Oval, 10 LED Amber, bulk, PL3 connection	0.31 lbs	562 (N)
	F 5626208	6" Oval, 9 LED, Amber, Mid-turn/side marker & reflector, PL3 connection, Bulk	0.30 lbs	562 (N)
B.P.C.	F 5626209	6" Oval, 9 LED, Amber, Mid-turn/side marker & reflector w/grommet and PL3 plug	0.50 lbs	562 (N)

LED BACK-UP LIGHTS



A. 4" Round Backup Lights with PL2 Plug

- 10 or 24 LED, Clear
- With Grommet & PL2 Plug



B. 4" Round Back-up Light with PL2 Connection, Bulk

- 10 or 24 LED, Clear



C. 5-1/3" Rectangular Back-up with PL2 Plug

- 32 LED, Clear
- With Grommet & PL2 Plug

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
B.P.C.	A 5624310	4" Round, 10 LED Clear, w/grommet and PL2 plug	0.70 lbs.	562 (N)
B.P.C.	A 5624324	4" Round, 24 LED Clear, w/grommet and PL2 plug	0.80 lbs.	562 (N)
	B 5624350	4" Round, 4" Round, 10 LED Clear, PL2 Connection, Bulk	0.36 lbs.	562 (N)
	B 5624325	4" Round, 24 LED Clear, PL2 Connection, Bulk	0.42 lbs.	562 (N)
B.P.C.	C 5625332	5-1/3" Rectangular, 32 LED Clear, w/grommet and plug.	0.55 lbs.	562 (N)

* Bulk items must be ordered in multiples of 10



ELECTRICAL & LIGHTING

DOT LED TRUCK & TRAILER LIGHTS LED BACK-UP LIGHTS



A. 6" Oval with PL2 plug

- 10 or 24 LED, Clear
- With Grommet & PL2 Plug



B. 6" Oval Back-Up, PL2 Connection, Bulk

- 10 LED Clear
- PL2 Plug



C. 6" Oval Back-Up with PL2 Connection, Bulk

- 24 LED, Clear



D. Grommets

- Black TPR*, Round or Oval
- Gray Security, Round or Oval -

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5626310	6" Oval, 10 LED Clear, w/grommet and PL2 plug	0.70 lbs.	562 (N)
	A 5626324	6" Oval, 24 LED Clear w/grommet and PL2 plug	0.86 lbs.	562 (N)
	B 5626311	6" Oval, 10 LED Clear, w/PL2 Connection	0.38 lbs.	562 (N)
	C 5626325	6" Oval, 24 LED Clear, w/PL2 Connection	0.43 lbs.	562 (N)
	D 5624050	4" Round, Black TPR Grommet	0.15 lbs	562 (N)
	D 5626050	6" Oval, Black TPR Grommet	0.18 lbs	562 (N)
	D 5621004	4" Round, Gray Security Flange	0.08 lbs	562 (N)
	D 5621006	6" Oval, Gray Security Flange	0.11 lbs	562 (N)

TPR Grommets are UV treated to resist cracking & fading

PLUGS

A. LED Turn Signal Equalizer Plug



5621010

B. DOT Light Plugs - Bulk



5621012



5620250



5620350



5620351



5620352



5620354



5620355

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5621010	LED turn signal equalizer	0.65 lbs.	562 (N)
	A 5621012	LED turn signal equalizer w/PL3 Plug	0.13 lbs.	562 (N)
	B 5620250	2-Pin in-line male plug, 6", bulk	0.03 lbs.	562 (N)
	B 5620350	3-Pin in-line male plug, 12", bulk	0.03 lbs.	562 (N)
	B 5620351	3-Wire amp-style plug, 3-pin molded female, bulk	0.07 lbs.	562 (N)
	B 5620352	3-Wire amp-style plug, w/ring terminal, 2 blunt cut ends, bulk	0.03 lbs.	562 (N)
	B 5620354	3-Wire amp-style plug, 3-pin molded male, bulk	0.03 lbs	562 (N)
	B 5620355	3-Wire, 3-pin straight molded male, 2 blunt cut ends, bulk	0.03 lbs	562 (N)



Only one light required to meet DOT requirements

A. 1-1/2" Round License Plate Light

- 4 LED Clear, Chrome Plated



Two lights needed to meet DOT requirements

B. 2" License Plate Light

- 2 LED, Clear w/Chrome plated base
- Retail or Bulk



Only one light required to meet DOT requirements when installed with extender as shown

C. 2" License Plate Light

- 2 LED, Clear w/1-5/16" base



Two lights needed to meet DOT requirements

D. 2-3/4" License Plate Light, Bulk

- 2 LED
- Hard-wired

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5621534	4 LED Clear, Chrome plated	0.10 lbs	562 (N)
	B 5622032	2 LED Clear, Chrome plated base	0.07 lbs	562 (N)
	B 5622132	2 LED Clear, blunt cut ends, bulk	0.07 lbs	562 (N)
	B 5622133	2 LED Clear, .180" male bullet connectors, bulk	0.08 lbs	562 (N)
	C 5622134	2 LED Clear, .180" male bullet connectors and 1-5/16" tall base, bulk	0.13 lbs	562 (N)
	D 5622754	2 LED Clear, Chrome plated, bulk	0.17 lbs	562 (N)



All LED DOT Lights carry a Limited Lifetime Warranty



ELECTRICAL & LIGHTING

DOT INCANDESCENT MARKER/ CLEARANCE LIGHTS, BULK



A. 2" Round Marker, Red



B. 2" Round Marker, Amber



C. 2-1/2" Round Marker, Red



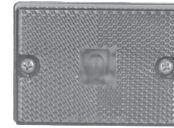
D. 2-1/2" Round Marker, Amber



E. 2-1/2" Round Marker Light, Red w/Reflex



F. 2-1/2" Round Marker Light, Amber w/Reflex



G. 2-7/8" Clearance Fender Light, Amber w/Reflex



H. 3-3/4" Rectangular Marker/Clearance, Red



I. 3-3/4" Rectangular Marker/Clearance, Amber



J. 17" Rectangular ID Bar Marker, Red

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 5652001	2", RD, MARKER, RED, INCANDESCENT	0.04 lbs	565 (N)
B 5652002	2", RD, MARKER, AMBER, INCANDESCENT	0.04 lbs	565 (N)
C 5652501	2-1/2", RD, MARKER, RED, INCANDESCENT, PC	0.06 lbs	565 (N)
D 5652502	2-1/2", RD, MARKER, AMBER, INCANDESCENT, PC	0.06 lbs	565 (N)
E 5652511	2-1/2", RD, MARKER, RED, INCANDESCENT W/REFLECTOR, PC	0.06 lbs	565 (N)
F 5652512	2-1/2", RD, MARKER, AMBER, INCANDESCENT W/REFLECTOR, PC	0.06 lbs	565 (N)
G 5652720	2-7/8", RECT, MARKER, AMBER, INCANDESCENT W/REFLECTOR	0.10 lbs	565 (N)
H 5653701	3-3/4", RECT, MARKER, RED, INCANDESCENT	0.06 lbs	565 (N)
I 5653702	3-3/4", RECT, MARKER, AMBER, INCANDESCENT	0.06 lbs	565 (N)
J 5651700	17", RECT, ID BAR MARKER, RED, INCANDESCENT	0.34 lbs	565 (N)



All Incandescent DOT Lights carry a 1-Year Warranty

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

DOT INCANDESCENT STOP, TURN, TAIL LIGHTS



A. 4" Round Stop/Turn/Tail, Red



B. 5" Box-style Stop/ Turn/Tail, Red
• Under 80"



C. 5" Box-style Stop/ Turn/ Tail with License Light, Red
• Under 80"



D. 5" Box-style Stop/ Turn/ Tail, Red
• Over 80"



E. 5" Box-style Stop/ Turn / Tail, Red, with License Light
• Over 80"



F. 4" Round, Backup Light, Clear



G. 6" Oval, Stop/ Turn/ Tail, Red



H. 6" Oval Backup Light, Clear.



I. 1-1/2" Round License Light, Clear, Chrome



J. 2" Rectangular License, Clear, Chrome Base



K. 2-5/8" License Light, Clear, Chrome Base



L. 2-3/8" License Light, Clear
M. Black Plastic Bracket for 2-3/8" License Light

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 5654100	4" ROUND, STOP/TURN/TAIL, RED	0.23 lbs	565 (N)
B 5655000	5" STOP/TURN/TAIL, RED, BOX STYLE, UNDER 80 IN	0.45 lbs	565 (N)
C 5655001	5" STOP/TURN/TAIL W/LICENSE, RED, UNDER 80 IN	0.47 lbs	565 (N)
D 5655100	5" STOP/TURN/TAIL, RED, BOX STYLE, OVER 80 IN	0.50 lbs	565 (N)
E 5655101	5" STOP/TURN/TAIL W/LICENSE, RED, OVER 80 IN	0.52 lbs	565 (N)
F 5654300	4" ROUND, BACK-UP, CLEAR, INCANDESCENT	0.23 lbs	565 (N)
G 5656100	6" OVAL, STOP/TURN/TAIL, RED	0.29 lbs	565 (N)
H 5656300	6" OVAL, BACK-UP, CLEAR	0.29 lbs	565 (N)
I 5651530	1-1/2" ROUND, LICENSE, CLEAR, CHROME	0.07 lbs	565 (N)
J 5652030	2" RECTANGULAR, LICENSE, CLEAR, CHROME	0.07 lbs	565 (N)
K 5652630	2-5/8" LICENSE, CLEAR, CHROME	0.16 lbs	565 (N)
L 5653375	2-3/8" LICENSE, CLEAR, w/2 CONNECTION	0.04 lbs	565 (N)
M 5653376	BLACK PLASTIC BRACKET FOR 5653375	0.11 lbs	565 (N)

1-YEAR W All Incandescent DOT Lights carry a 1-Year Warranty

ELECTRICAL & LIGHTING

LED WARNING LIGHTS SURFACE MOUNT STROBES



A. 4-7/8" Aluminum Rectangular Surface Mount Strobes, Quad Flash

- .54 Amps



B. 4-7/8" Aluminum Rectangular Surface Mount Strobes, 19 Flash Patterns

- .54 Amps



C. Aluminum Mounting Bracket

- .53" W x 1.8" D x 2.6" T

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891004	4 7/8" Rectangular, 4 LED Amber, 392 FPM, Aluminum Housing, Quad Flash	0.6 lbs	889 (N)
	A 8891006	4 7/8" Rectangular, 4 LED Clear, 392 FPM, Aluminum Housing, Quad Flash	0.6 lbs	889 (N)
	A 8891008	4 7/8" Rectangular, 4 LED Red, 392 FPM, Aluminum Housing, Quad Flash	0.6 lbs	889 (N)
	A 8891009	4 7/8" Rectangular, 4 LED Blue, 392 FPM, Aluminum Housing, Quad Flash	0.6 lbs	889 (N)
	B 8891104	4 7/8" Rectangular, 4 LED, Amber 392 FPM, Aluminum Housing, 19 Flash Patterns	0.6 lbs	889 (N)
	B 8891105	4 7/8" Rectangular, 4 LED, 2 Amber & 2 Clear, 392 FPM, Aluminum Housing, 19 Flash Patterns	0.6 lbs	889 (N)
	C 8891007	Aluminum Mounting Bracket, Fits 8891004, 8891006, 8891008, 8891009, 8891104 and 8891105	0.16 lbs	889 (N)

* Multiple synchronized & alternating flash patterns. Built-in Flasher. No external power required.



A. 4-1/2" Round Aluminum Strobe

- Quad Flash
- Stainless Steel Mount
- 1.5 Amps



B. 3-7/8" Mini Strobe Surface Mount

- 3 LED
- 12 Flash Patterns
- .30 Amps



C. 4-3/4" Mini Strobe Surface Mount

- 4 LED
- 19 Flash Patterns
- .40 Amps

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891015	4-1/2" Round, 6 LED, Amber, quad flash, diecast aluminum, stainless steel mount	1.20 lbs	889 (N)
	B 8891120	3-7/8" Mini Strobe Surface Mount, 3 LED, Amber, plastic housing, 12 Flash Patterns	0.20 lbs	889 (N)
	B 8891121	3-7/8" Mini Strobe Surface Mount, 3 LED, Clear, plastic housing, 12 Flash Patterns	0.20 lbs	889 (N)
	C 8891130	4-3/4" Mini Strobe Surface Mount, 4 LED, Amber, plastic housing, 19 Flash Patterns	0.24 lbs	889 (N)
	C 8891131	4-3/4" Mini Strobe Surface Mount, 4 LED, Clear, plastic housing, 19 flash patterns	0.24 lbs	889 (N)
	C 8891132	4-3/4" Mini Strobe Surface Mount, 4 LED, 2 Amber/2 Clear, plastic housing, 19 Flash Patterns	0.24 lbs	889 (N)
	C 8891139	4-3/4" Mini Strobe Surface Mount, 4 LED, 2 Clear/2 Green, plastic housing, 19 Flash Patterns	0.24 lbs	889 (N)
	C 8891140	4-3/4" Mini Strobe Surface Mount, 4 LED, 2 Amber/2 Green, plastic housing, 19 Flash Patterns	0.24 lbs	889 (N)

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING



LED WARNING LIGHTS SURFACE MOUNT STROBES



A. 3.4" Aluminum Mini Strobe Surface Mount

- 3 LED, .22Amps
- 12 Flash Patterns



B. 3.4" Mini Strobe Mounting Accessories, Bulk*

- L-Bracket or Recessed Grommet



C. 4" Round Strobe/Flare/Flashlight

- 16 LED
- Magnetic
- 9 Flash Patterns
- 12V/110V Rechargeable
- Waterproof

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891400	3.4" Aluminum Mini Strobe Surface Mount, 3 LED, Amber, Aluminum housing, 12 Flash Patterns	0.17 lbs	889 (N)
	A 8891401	3.4" Aluminum Mini Strobe Surface Mount, 3 LED, Clear, Aluminum housing, 12 Flash Patterns	0.17 lbs	889 (N)
	B 8891402	L-Bracket mount for 8891400 and 8891401.	0.17 lbs	889 (N)
	B 8891405	Grommet, Black 3-3/8" Recessed for 8891400 & 8891401.	0.38 lbs	889 (N)
	C 8891016	4" Round Strobe/Flare/Flashlight, 16-LED Road flare, rechargeable, 9 patterns, magnetic, waterprof	0.85 lbs	889 (N)



Multi-Mount for 8891403 and 8891404 included

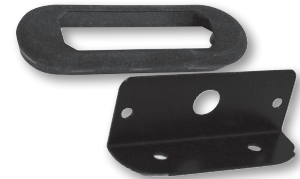
A. 2.5" Aluminum Mini Strobe - Multi Mount

- 3 LED
- .22 Amps
- 12 Flash Patterns



B. 5" Aluminum Mini Strobe Surface Mount

- 6 LED
- .44 Amps
- 12 Flash Patterns



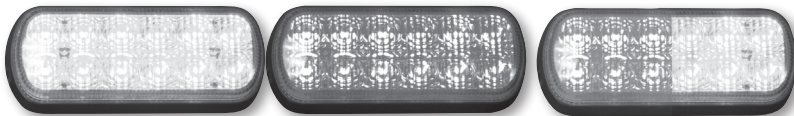
C. 5" Mini Strobe Mounting Accessories, Bulk*

- L-Bracket or Recessed Grommet

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891403	2.5" Aluminum Mini Strobe - Multi Mount, 3 LED, Amber, Aluminum housing, 12 Flash Patterns	0.33 lbs	889 (N)
	A 8891404	2.5" Aluminum Mini Strobe - Multi Mount, 3 LED, Clear, Aluminum housing, 12 Flash Patterns	0.33 lbs	889 (N)
	B 8891500	5" Aluminum Mini Strobe Surface Mount, 6 LED, Amber, Aluminum housing, 12 Flash Patterns	0.25 lbs	889 (N)
	B 8891501	5" Aluminum Mini Strobe Surface Mount, 6 LED, Clear, Aluminum housing, 12 Flash Patterns	0.25 lbs	889 (N)
	C 8891505	Grommet, Black 5", Recessed for 8891500 and 8891501	0.25 lbs	889 (N)
	C 8891506	L-Bracket mount for 8891500 & 8891501	0.16 lbs	889 (N)

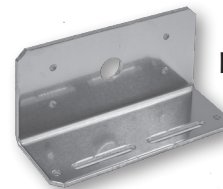
• Note: Up to six 8891400-8891501stobes can be combined for synchronized or alternating flash patterns.



A. 5" Rectangular Strobe Surface Mount

- 12 LED
- 1 Amp
- 12 Flash Patterns

• Note: Up to six 8891600 can be combined for synchronized or alternating flash patterns.



B. 5" Aluminum Mounting Bracket

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891600	5" Rectangular Strobe Surface Mount, 12 LED Amber, Plastic Housing, 12 Flash Patterns	0.42 lbs	889 (N)
	A 8891601	5" Rectangular Strobe Surface Mount, 12 LED Clear, Plastic Housing, 12 Flash Patterns	0.42 lbs	889 (N)
	A 8891602	5" Rectangular Strobe Surface Mount, 6 Amber/6 Clear LED, Plastic Housing, 12 Flash Patterns	0.42 lbs	889 (N)
	B 8891605	L-Bracket Mount for 8891600 & 8891601 & 8891602	0.17 lbs	889 (N)

= Available in Full Color Retail Package

ELECTRICAL & LIGHTING

LED WARNING LIGHTS SURFACE MOUNT STROBES



A. 5" Aluminum Mini Strobe

- 12 LED, Red
- 23 Flash Patterns
- 2.2 Amps

B. 5" Aluminum Mini Strobe Mounting Accessories, Bulk

- Recessed Grommet or L-Bracket

C. Rocker Switch/Controller

- On-Off
- 10 Amps
- Flash Pattern Controller

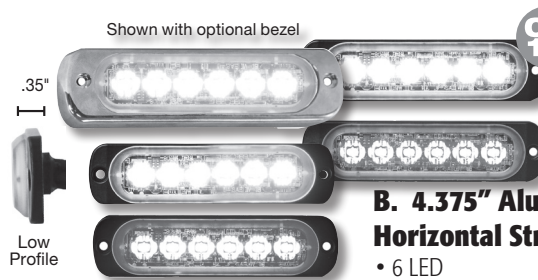
ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8891700	5" Aluminum Mini Strobe Surface Mount, 12 LED, Amber, 23 Flash Patterns	0.42 lbs	889 (N)
A 8891701	5" Aluminum Mini Strobe Surface Mount, 12 LED, Clear, 23 Flash Patterns	0.42 lbs	889 (N)
A 8891702	5" Aluminum Mini Strobe Surface Mount, 12 LED, 6 Amber/6 Clear, 23 Flash Patterns	0.42 lbs	889 (N)
A 8891703	5" Aluminum Mini Strobe Surface Mount, 12 LED, Red, 23 Flash Patterns	0.42 lbs	889 (N)
A 8891704	5" Aluminum Mini Strobe Surface Mount, 12 LED, Blue, 23 Flash Patterns	0.42 lbs	889 (N)
B 8891705	Recessed back grommet mount	0.12 lbs	889 (N)
B 8891706	Mounting bracket, black powder-coated	0.70 lbs	889 (N)
C 6391215	Rocker Switch/Controller, On-off, 10 Amps, with universal flash pattern control for 8891215-8891914. 15' pre-wired cable.	1.0 lbs	889 (N)



A. 2.85" Aluminum Square Strobe

- 4 LED
- 55 Amps
- 19 Flash Patterns



B. 4.375" Aluminum Thin Mount Horizontal Strobe

- 6 LED
- 1 Amp
- 19 Flash Patterns

Strobes must be mounted in correct orientation to achieve Class 1 rating

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8891800	2.85" Square Strobe, 4 LED, Amber, .55 Amps, 19 Flash patterns	0.65 lbs	889 (N)
A 8891801	2.85" Square Strobe, 4 LED, Clear, .55 Amps, 19 Flash patterns	0.65 lbs	889 (N)
A 8891802	2.85" Square Strobe, 4 LED, 2 Amber/2 Clear, .55 Amps, 19 Flash patterns	0.65 lbs	889 (N)
A 8891803	2.85" Square Strobe, 4 LED, Red, .55 Amps, 19 Flash patterns	0.65 lbs	889 (N)
A 8891804	2.85" Square Strobe, 4 LED, Blue, .55 Amps, 19 Flash patterns	0.65 lbs	889 (N)
B 8891900	4.375" Thin Mount Horizontal Strobe, 6 LED, Amber, 1 Amp, 28 Flash patterns	0.09 lbs	889 (N)
B 8891901	4.375" Thin Mount Horizontal Strobe, 6 LED, Clear, 1 Amp, 28 Flash patterns	0.09 lbs	889 (N)
B 8891902	4.375" Thin Mount Horizontal Strobe, 6 LED, 3 Amber/3Clear, 1 Amp, 28 Flash patterns	0.09 lbs	889 (N)
B 8891903	4.375" Thin Mount Horizontal Strobe, 6 LED, Red, 1 Amp, 28 Flash patterns	0.09 lbs	889 (N)
B 8891904	4.375" Thin Mount Horizontal Strobe, 6 LED, Blue, 1 Amp, 28 Flash patterns	0.09 lbs	889 (N)

Strobes must be mounted in correct orientation to achieve Class 1 rating

A. 4.375" Aluminum Thin Mount Vertical Strobe



Shown with optional bezel

B.



ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8891910	4.375" Thin Mnt Vertical, 6 LED, Amber, 1 Amp, 23 Flash patterns	0.09 lbs	889 (N)
A 8891911	4.375" Thin Mnt Vertical, 6 LED, Clear, 1 Amp, 23 Flash patterns	0.09 lbs	889 (N)
A 8891912	4.375" Thin Mnt Vertical, 6 LED, 3 Amber/3Clear, 1 Amp, 23 Flash patterns	0.09 lbs	889 (N)
A 8891913	4.375" Thin Mnt Vertical, 6 LED, Red, 1 Amp, 23 Flash patterns	0.09 lbs	889 (N)
A 8891914	4.375" Thin Mnt Vertical, 6 LED, Blue, 1 Amp, 23 Flash patterns	0.09 lbs	889 (N)
B 8891920	Chrome bezel for thin mount LED Lights	0.03 lbs	889 (N)
B 8891921	White PVC bezel for thin mount LED lights	0.03 lbs	889 (N)

* Bulk items must be ordered in multiples of 10



LED WARNING LIGHTS SURFACE MOUNT STROBE/MARKER LIGHTS



A. Strobe/Marker Lights

- Amber, Clear or Smoke Color Lens
- Set of 5
- .36 Amps

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8892000	For 2008-2015 F-250 to F-750, Set of 5 - 9 Amber LEDs per light, .36 Amps, Amber lens, 13 Flash patterns, flasher and adapter harness included	2.3 lbs	889 (N)
	A 8892001	For 2008-2015 F-250 to F-750, Set of 5 - 9 Amber LEDs per light, .36 Amps, Clear lens, 13 Flash patterns, flasher and adapter harness included	2.3 lbs	889 (N)
	A 8892002	For 2008-2015 F-250 to F-750, Set of 5 - 9 Amber LEDs per light, .36 Amps, Smoke lens, 13 Flash patterns, flasher and adapter harness included	2.3 lbs	889 (N)
	B 3024565	For 2008+ Ford F150 ONLY. Wire harness, power & trigger, w/OEM style plug used with 8892000 and 8892001	1.3 lbs	889 (N)



A. 4" Round Warning Strobe

- 24 LED
- Quad Flash/Six Flash
- .50 Amps



B. 6" Oval Warning Strobe

- 24 LED
- Quad Flash/Six Flash
- .50 Amps

C. 6" Oval Warning - Two Color Strobe

- 24 LED
- Quad Flash/Six Flash
- .50 Amps

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A SL40AR	4" Round, 24 LED, Amber, Six Flash, 198 FPM, Plastic Housing, 3-Pin Plug	0.4 lbs	889 (N)
	B SL40CR	4" Round, 24 LED, Clear, Six Flash, 198 FPM, Plastic Housing, Hard Wired	0.4 lbs	889 (N)
	A SL41AR	4" Round, 24 LED, Amber, Quad Flash, 304 FPM, Plastic Housing, Alternating & Synchronized Flash Patterns, 3-Pin Plug	0.4 lbs	889 (N)
	B SL65AO	6" Oval, 24 LED, Amber, Six Flash, 203 FPM, Plastic Housing, 3-Pin Plug	0.7 lbs	889 (N)
	B SL65CO	6" Oval, 24 LED, Clear, Six Flash, 203 FPM, Plastic Housing, Hard Wired	0.7 lbs	889 (N)
	B SL66AO	6" Oval, 24 LED, Amber, Quad Flash, 304 FPM, Alternating & Synchronized Flash Patterns, Plastic Housing, 3-Pin Plug	0.7 lbs	889 (N)
	C SL66AC	6" Oval, 12 Clear/12 Amber LED, Quad Flash, 304 FPM, Alt & Sync Flash Patterns, Plastic, 3-Pin Plug	0.7 lbs	889 (N)
	C SL66AG	6" Oval, 12 Amber/12 Green LED, Quad Flash, 304 FPM, Alt & Sync Flash Patterns, Plastic, 3-Pin Plug	0.7 lbs	889 (N)
	C SL66CG	6" Oval, 12 Clear/12 Green, Quad Flash, 304 FPM, Alt & Sync Flash Patterns, Plastic, 3-Pin Plug	0.7 lbs	889 (N)

ELECTRICAL & LIGHTING

LED HIDDEN STROBE LIGHTS

A. LED Bolt-on Hidden Strobes w/In-Line Flashers

- Amber or Clear or Combination Amber/Clear
- In-Line Flashers with 19 Adjustable Strobe Patterns
- Up to eight 8891215-8891327 can be combined for synchronized or alternating flash patterns.



B. Optional Mounting Brackets for Hidden Strobes

- Surface Mount
- Black or Chrome



8891225 surface mounted in 8891200

C. LED Push-on Hidden Strobes w/In-Line Flashers

- In-Line Flashers with 19 Adjustable Strobe Patterns
- Up to six 8891215-8891327 can be combined for synchronized or alternating flash patterns.
- Push-on strobe head design is ideal for dual-wall light housings



D. Rocker Switch with Flash Pattern Controller

- 15' Pre-wired cable
- 10 Amp
- 2-1/2" L x 1" W x 1-1/2" H



ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891215	6 LED, Clear, 15 ft. cable, in-line flasher, 2 bolt-on, 540 lumens/head	1.25 lbs	889 (N)
	A 8891225	6 LED, Clear, 25 ft. cable, in-line flasher, 2 bolt-on, 540 lumens/head	1.60 lbs	889 (N)
	A 8891216	6 LED, Amber, 15 ft. cable, in-line flasher 2, bolt-on, 540 lumens/head	1.25 lbs	889 (N)
	A 8891226	6 LED, Amber, 25 ft. cable, in-line flasher, 2 bolt-on, 540 lumens/head	1.60 lbs	889 (N)
	A 8891227	6 LED, Amber/Clear, 25 ft. cable, in-line flasher, 2 bolt-on, 540 lumens/head	1.60 lbs	889 (N)
	B 8891200	Optional Mounting Bracket for Hidden Strobes, 1 Pair, Chrome, Surface Mount	0.04 lbs	889 (N)
	B 8891201	Optional Mounting Bracket for Hidden Strobes, 1 Pair, Black, Surface Mount	0.04 lbs	889 (N)
	C 8891325	6 LED, Clear, 25 ft. cable, in-line flasher, 2 push-on, 540 lumens/head	1.60 lbs	889 (N)
	C 8891326	6 LED, Amber, 25 ft. cable, in-line flasher, 2 push-on, 540 lumens/head	1.60 lbs	889 (N)
	C 8891327	6 LED, Amber/Clear, 25 ft. cable, in-line flasher, 2 push-on, 540 lumens/head	1.60 lbs	889 (N)
	D 6391215	Rocker Switch, On-Off, 10 Amps, with universal flash pattern control	1.0 lbs	889 (N)

WARNING LIGHTS LED MINI LIGHTBARS



A. Rectangular Mini Lightbar

- 24 LED
- 7 Flash Patterns
- Magnetic Mount



B. Rectangular Mini Lightbar

- 24 LED
- Random Flash Pattern
- Magnetic Mount



C. Hexagonal Mini Lightbar

- 56 LED
- 10 Flash Patterns
- 4 Rubber Covered Magnetic Mounts and Permanent Mounting Studs



D. Oval Mini Lightbar

- 32 LED
- 24 Flash Patterns
- Magnetic or Permanent Mount



E. Rectangular Mini Lightbar

- 18 LED
- 19 Flash Patterns
- Vacuum Magnetic Mounts
- Permanent Mount Available



F. Hexagonal Mini Lightbar

- 30 LED
- 25 Programmable Flash Patterns
- Vacuum Magnetic Mounts
- Permanent Mount Available

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891040	24 LED, 2 Amp, Amber, Clear Lens, 7 Flash Patterns, 9.5' Power Cord, Magnetic Mount, 11 L" x 6.5" W x 2.25" H	2.7 lbs	889 (N)
	A 8891042	24 LED, 2 Amp, Amber/Clear, Clear Lens, 7 Flash Patterns, 9.5' Power Cord, Magnetic Mount	2.7 lbs	889 (N)
	A 8891047	24 LED, 2 Amp, Amber/Green, Clear Lens, 7 Flash Patterns, 9.5' Power Cord, Magnetic Mount	2.7 lbs	889 (N)
	B 8891050	24 LED, 3.5 Amp, Amber, Clear Lens, Random Flash Pattern, 9.5' Power Cord, Magnetic Mount, 10.93"L x 5.75"W x 3.44" T	4.0 lbs	889 (N)
	B 8891052	24 LED, 3.5 Amp, Amber, Clear Lens, 9.5' Power Cord, Magnetic Mount, Random Flash Pattern, 10.93"L x 5.75"W x 3.44" T	4.0 lbs	889 (N)
	C 8891060	56 LED, 3.2 Amps, Amber, Clear Lens, 10 selectable flash patterns, 9.5' Power Cord with built-in on-off switch and flash pattern selector. Four rubber covered magnetic mounts and permanent mounting studs. 15" L x 8.25"W x 3"H	5.5 lbs	889 (N)
	D 8891070	32 LED, 3.2 Amps, Amber, Clear Lens, 24 Flash Patterns. 9.5' Power Cord with built-in on-off Switch and Flash Pattern Selector. Magnetic Mounts, 15"L x 9"W x 3" T	5.0 lbs	889 (N)
	E 8891071	Same specs as 8891070 with permanent bolt-on stainless steel mounts	4.7 lbs	889 (N)
	F 8891090	18 LED, 3.2 Amps, Amber, Clear Lens, 19 Flash Patterns, Vacuum Magnetic Mounts, 11.5' cord with built-in "on/off" switch and flash pattern selector, 16.7" L x 6.9"W x 2.9"H	6.7 lbs	889 (N)
	G 8891091	Permanent Bolt-on Aluminum mounts only for 8891090	1.7 lbs	889 (N)
	H 8891100	30 LED, 3.5 Amps, Amber, Clear Lens, 9.5' Power Cord, Vacuum Magnetic Mount, 25 Flash Patterns, 16.6"L x 11"W x 2.6" H	9.9 lbs	889 (N)
	H 8891102	30 LED, 3.5 Amps, Amber/Clear, Clear Lens, 9.5' Power Cord, Vacuum Magnetic Mount, 25 Flash Patterns, 16.6"L x 11"W x 2.6" H	9.9 lbs	889 (N)
	I 8891010	Permanent Aluminum mounts for 8891100	0.7 lbs	889 (N)

ELECTRICAL & LIGHTING

WARNING LIGHTS MODULAR LIGHT BARS



A. 24" LED Modular Lightbar

- 8 LED strobe modules standard
- 24 flash patterns

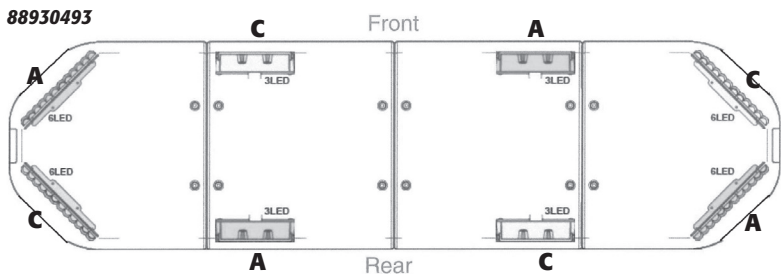
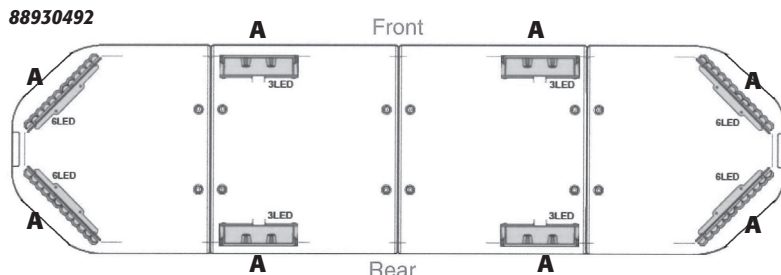
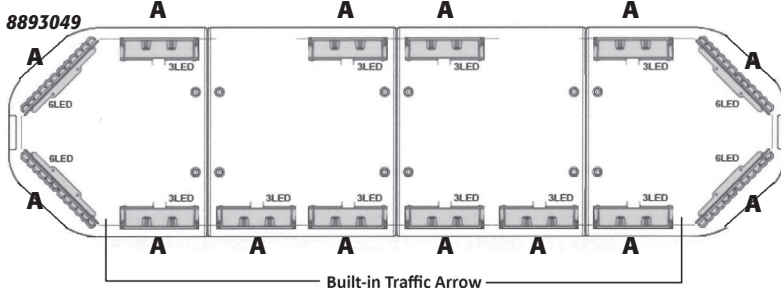
- Standard with amber strobes. Customize by adding amber, blue, clear or red strobes
- Middle strobes have 3-LED reflector heads
- Corner strobes have 6-LED D-fuser heads
- Dimming Mode
- Extruded Aluminum Frame with mounting rails

B. 49" LED Modular Lightbar

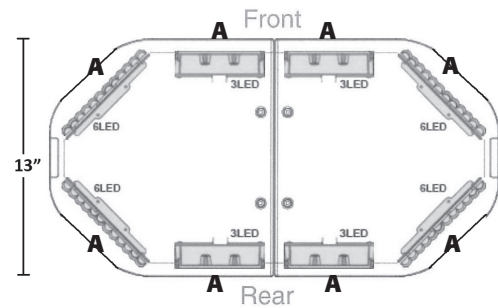
- 8-16 LED strobe modules
- 11 flash patterns, 55 flash sequences.
- 5 strobe head groupings
- 54" length also available

C. 60" LED Modular Lightbar

- 12-20 LED strobe modules and Stop/turn/tail light modules available
- 11 flash patterns, 55 flash sequences
- 5 strobe head groupings



8893024 - Configuration shown below



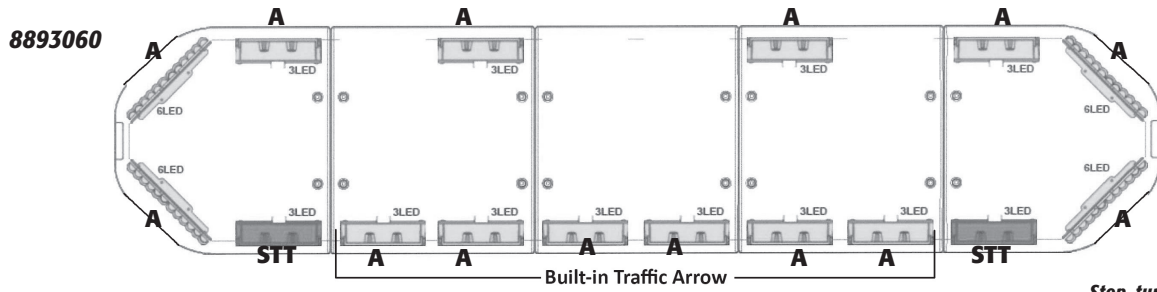
A = Amber Strobe
C = Clear Strobe
STT = Red, Stop-Turn-Tail

ORDERING INFORMATION

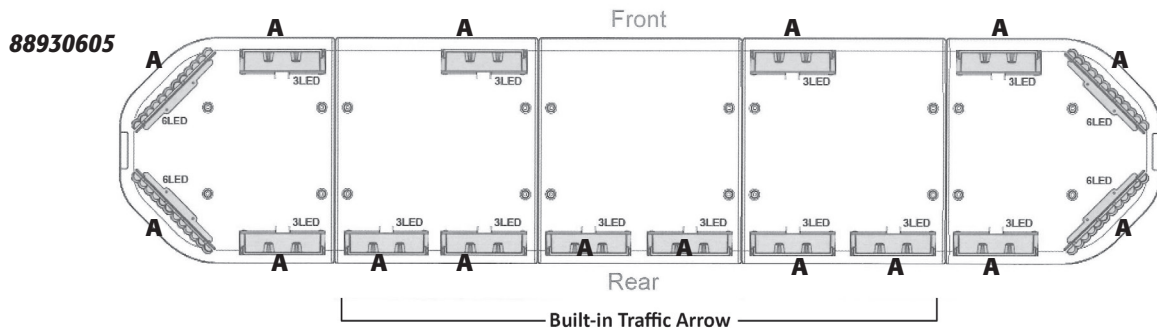
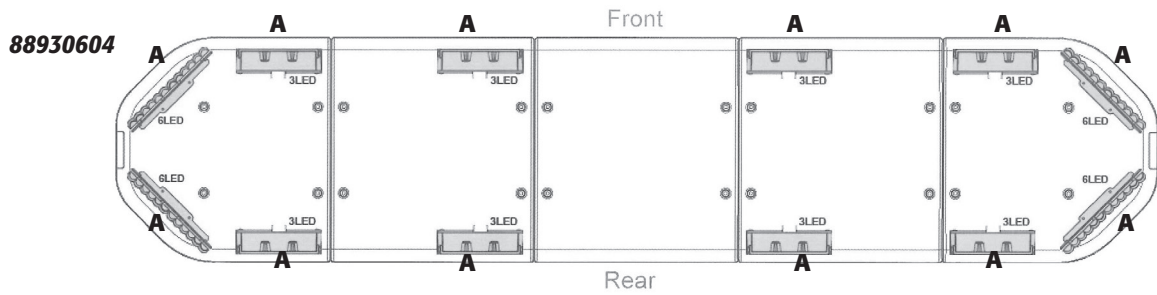
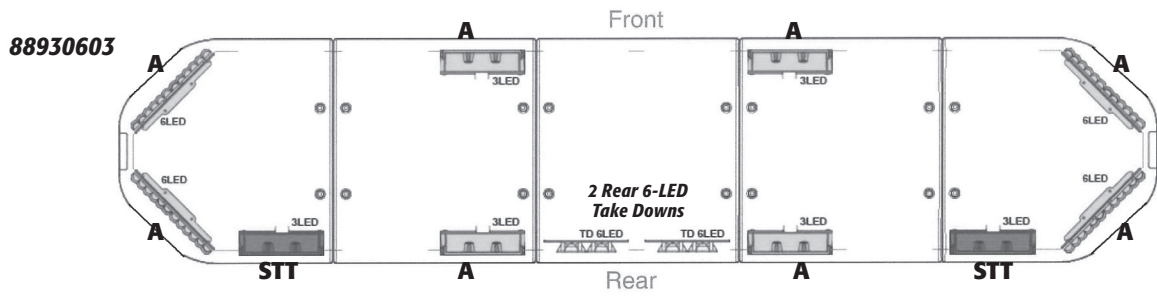
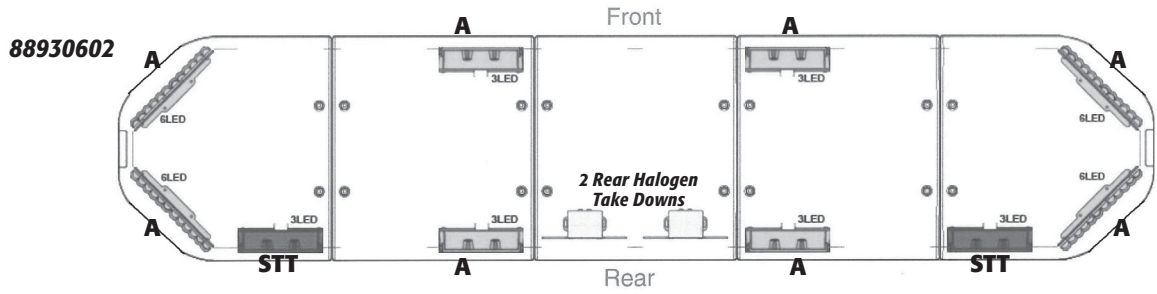
PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8893024	24", 36 Amber LEDs in 6 Heads, 3-6 Amps, 10 ft. Pre-wired power/function cable	15.4 lbs	889 (N)
A 88930243	24", 36 Amber and Clear LEDs in 6 Heads, 3-6 Amps, 10 ft. Pre-wired power/function cable	15.4 lbs	889 (N)
A 88930244	24", 36 Amber and Red LEDs in 6 Heads, 3-6 Amps, 10 ft. Pre-wired power/function cable	15.4 lbs	889 (N)
B 8893049	49", 54 Amber LEDs in 14 Heads, built-in traffic arrow, 7-14 Amps, 15 ft. Pre-wired power/function cable	33.0 lbs	889 (N)
B 88930492	49", 36 Amber LEDs in 8 Heads, 7-14 Amps, 15 ft. Pre-wired power/function cable	31.8 lbs	889 (N)
B 88930493	49", 36 Amber LEDs in 8 Heads, 7-14 Amps, 15 ft. Pre-wired power/function cable	31.8 lbs	889 (N)
C 8893060	60", 54 LEDs in 8 Heads, plus 2 Red LED stop-turn-tail light, built-in traffic arrow, 2 halogen take down lights, 8-16 Amps, 15 ft. Pre-wired power/function cable	36.1 lbs	889 (N)
C 88930602	60", 38 LEDs in 8 Heads, plus 2 Red LED stop-turn-tail lights, 2 LED take down lights, 8-16 Amps, 15 ft. Pre-wired power/function cable	36.1 lbs	889 (N)
C 88930603	60", 60 LEDs in 14 Heads, plus 2 Red LED stop-turn-tail light modules, 2 LED take down lights, 8-16 Amps, 15 ft. Pre-wired power/function cable	34.7 lbs	889 (N)
C 88930604	60", 48 LEDs in 12 Heads, 8-16 Amps, 15 ft. Pre-wired power/function cable	34.9 lbs	889 (N)
C 88930605	60", 60 LEDs in 16 Heads, built-in traffic arrow, 8-16 Amps, 15 ft. Pre-wired power/function cable	36.1 lbs	889 (N)

ELECTRICAL & LIGHTING

WARNING LIGHTS MODULAR LIGHT BAR CONFIGURATIONS



*Stop, turn, tail lights
can be replaced with
strobes by request*



ELECTRICAL & LIGHTING

WARNING LIGHTS

INDIVIDUAL STROBE MODULES



A. 3-LED MIDDLE REFLECTOR, STROBE



B. 6 LED D-FUSER, CORNER, STROBE



C. 6 LED, TAKE DOWN, MIDDLE, CLEAR



D. TAKE DOWN, MIDDLE, HALOGEN CLEAR



E. 3 LED, ALLEY, CLEAR



F. ALLEY, HALOGEN, CLEAR



G. CAB MOUNT BRACKETS, STD, ADJUSTABLE WIDTH, 2.25" T, PLASTIC



H. CAB MOUNT BRACKETS, ADJ WIDTH & HEIGHT, 2" - 3" T, STEEL



I. BULKHEAD BRACKETS, FLAT NARROW SURFACE, ADJ WIDTH, 1.75" T



J. BULKHEAD BRACKETS, FLAT WIDE SURFACE, ADJ WIDTH, 2.25" T



K. STAINLESS STEEL STRAP KITS FOR USE W/CAB MOUNTS

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 3024631	MIDDLE, 3LED REFLECTOR, 12 VDC, AMBER	0.28 lbs	889 (N)
A 3024632	MIDDLE, 3LED REFLECTOR, 12 VDC, CLEAR	0.27 lbs	889 (N)
A 3024633	MIDDLE, 3 LED REFLECTOR, 12 VDC, RED	0.28 lbs	889 (N)
A 3024634	MIDDLE, 3 LED REFLECTOR, 12 VDC, BLUE	0.27 lbs	889 (N)
B 3024635	CORNER, 6LED D-FUSER, 12 VDC, AMBER	0.21 lbs	889 (N)
B 3024636	CORNER, 6LED D-FUSER, 12 VDC, CLEAR	0.20 lbs	889 (N)
B 3024637	CORNER, 6LED D-FUSER, 12 VDC, RED	0.21 lbs	889 (N)
B 3024638	CORNER, 6LED D-FUSER, 12 VDC, BLUE	0.21 lbs	889 (N)
C 3024639	TAKE DOWN, MIDDLE, 6 LED, 12 VDC, CLEAR	0.23 lbs	889 (N)
D 3024641	TAKE DOWN, MIDDLE, HALOGEN, 12 VDC, CLEAR	0.24 lbs	889 (N)
E 3024642	ALLEY, 3 LED, 12 VDC, CLEAR	0.14 lbs	889 (N)
F 3024643	ALLEY, HALOGEN, 12 VDC, CLEAR	0.13 lbs	889 (N)
G 3024646	BRACKETS, STD, ADJ WIDTH, 2.25" T	2.58 lbs	889 (N)
H 3024647	BRACKETS, ADJ WIDTH & HEIGHT, 2" - 3" T	3.89 lbs	889 (N)
I 3024648	BRACKETS, FLAT NARROW SURFACE,	3.16 lbs	889 (N)
J 3024649	BRACKETS, FLAT WIDE SURFACE, ADJ WIDTH, 2.25" T	2.47 lbs	889 (N)
K 3025442	KIT, STRAP, SST, GM1500/2500/3500/4500/5500	1.53 lbs	889 (N)
K 3026114	KIT, STRAP, SST, F-150, 2004-2014, 49", 54" & 60" LIGHTBARS	1.60 lbs	889 (N)
K 3026115	KIT, STRAP, SST, F-250/350/450/550, 1999-2014, 49", 54" & 60" LIGHTBARS	1.60 lbs	889 (N)
K 3026116	KIT, STRAP, SST, RAM 1500/2500/3500, 2009-2014, 49" & 60" LIGHTBARS	1.60 lbs	889 (N)

WARNING LIGHTS LED DIRECTIONAL WARNING LIGHTS



Adjustable width mounts

A.



B.



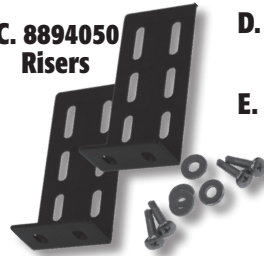
A. Dual Function Strobe/Traffic Arrow Lightbars

- 37" Light Bar
- 12-24 VDC
- 24 Amber LEDs
- 22 Flash Patterns

B. Dual Function Strobe/Traffic Arrow Lightbars

- 47" Light Bar
- 12-24 VDC
- 32 Amber LEDs
- 22 Flash Patterns

C. 8894050 Risers



D. 4-Switch Panel

E. 6-Switch Panel



ORDERING INFORMATION				
	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8894037	Dual Function Strobe/Traffic Arrow Lightbars, 37" Light bar, 12-24 VDC, 3.2A , 24 Amber LEDs (3 ea. in 8 heads), 25' Cable, anodized aluminum housing, 36.69"L x 2.25"W x 1.80"H	6.6 lbs	889 (N)
	B 8894047	Dual Function Strobe/Traffic Arrow Lightbars, 47" Light bar, 12-24 VDC, 4.2A, 32 Amber LEDs (4 ea. in 8 heads), 25' Cable, anodized aluminum housing, 46.50"L x 2.25"W x 1.80"H	7.5 lbs	889 (N)
	C 8894050	Optional L-Bracket Risers - 4.3" H	0.5 lbs	889 (N)
	D 6391204	4 Switch Panel: (3) On/Off, (1) Momentary	0.27 lbs	889 (N)
	E 6391207	6 Switch Panel: (4) On/Off, (2) Momentary, with LED indicators and harness	0.39 lbs	889 (N)
	3026371	8- Strand Extension Cable (Sold by the Foot)		



A. Dashboard 12-LED Lightbar

- 19 Flash Patterns
- Multiple Mounting Options



ORDERING INFORMATION				
	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 8891024	Dashboard LED Light Bar, 12 Amber LEDs, 19 flash patterns, multiple mounting options, 2' coiled (10' stretched) cable, 14" L x 3.25" W x 2.5" H	1.58 lbs	889 (N)
	A 8891025	Dashboard LED Light Bar, 6 Amber, 6 Clear LEDs, 19 flash patterns, multiple mounting options, 2' coiled (10' stretched) cable, 14" L x 3.25" W x 2.5" H	1.58 lbs	889 (N)

ELECTRICAL & LIGHTING

WARNING LIGHTS LED STROBE LIGHT BEACONS



A. 6 LED Eight Flash Strobe,

- 1.5 Amps
- 10' Cord w/Plug or Blunt-cut wires
- 1" Pipe/3-Bolt/Magnetic Mount



B. 8 LED Programmable Flash Strobe

- 2 Amps
- 15 Flash Patterns
- 10' Cord w/Plug or Blunt-cut wires
- 1" Pipe/3-Bolt/Magnetic Mount



C. 12 LED Programmable Flash Strobe

- 2.5 Amps
- 12 Flash Patterns
- 10' Cord w/Plug or Blunt-cut wires
- 1" Pipe/3-Bolt/Magnetic Mount

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A SL645ALP	6 LED Eight Flash Strobe, 1" Pipe/3-Bolt/Magnetic Mount, Amber, 1.5 Amps, 90 FPM, 10' Cord, 6.25" Diam x 5" T	2.4 lbs	889 (N)
	A SL645CLP	6 LED Eight Flash Strobe, 1" Pipe/3-Bolt/Magnetic Mount, Clear 1.5 Amps, 90 FPM, 10' Cord, 6.25" Diam x 5" T	2.4 lbs	889 (N)
	A SL646ALP	6 LED Eight Flash Strobe, 1" Pipe/3-Bolt Mount, Clear 1.5 Amps, 90 FPM, Blunt cut wires, 6.25" Diam x 5" T	2.0 lbs	889 (N)
	A SL665A	6 LED Eight Flash Strobe, 1" Pipe/3-Bolt/Magnetic Mount, Amber, 1.5 Amps, 90 FPM, 10' Cord, 6.25" Diam x 6.3" T	2.7 lbs	889 (N)
	B SL675ALP	8 LED, Amber, Magnetic Mount, 2 Amps, 10' Cord, 15 Flash patterns, 4-7/8" T x 6-5/8" D	2.35 lbs	889 (N)
	B SL685ALP	8 LED, Amber, Permanent Mount, 2 Amps, Blunt cut wires, 15 Flash patterns, 4-7/8" T x 6-5/8" D	1.63 lbs	889 (N)
	C SL695A	12 LED Amber, Magnetic Mount, 2.5 Amps, 10' Cord w/Plug, 12 Flash patterns, 6-1/4" T x 6-5/8" D	2.67 lbs	889 (N)
	C SL696A	12 LED Amber, Permanent Mount, 2.5 Amps, Blunt Cut Wires, 12 Flash patterns, 6-1/4" T x 6-5/8" D	1.95 lbs	889 (N)

WARNING LIGHTS INCANDESCENT AND HALOGEN STROBE LIGHT BEACONS



C. 12V Incandescent Teardrop Revolving Light

- 10' coiled power cord w/Plug
- Magnetic mount



D. Halogen Mini Lightbar

- 35W rotators
- 320 FPM
- 10' Power Cord w/Plug



E Quartz Halogen Mini Lightbar

- Dual 55W rotators
- 12 VDC
- 8.3 Amps

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	C RL650A	12-Volt Teardrop, Revolving Light with 10' coiled power cord. Magnetic Mount, 7"D x 5.25" T	1.8 lbs	889 (N)
	D 8891020	Halogen Mini Lightbar, Dual 35W Rotators, 320 FPM, 12 VDC, 7 Amps, 10' Power Cord, Magnetic Mount. 16.5" L x 8" W x 6" T.	5 lbs	889 (N)
	E B766190A	Quartz Halogen Mini Lightbar, Dual 55W Rotators, 12 VDC, 8.3 amps, 320 FPM. Magnetic Mount. 9.5' Power Cord. 15"L x 9"W x 5" T.	5.5 lbs	889 (N)
	E B766190B	Quartz Halogen Mini Lightbar, Dual 55W Rotators, 12 VDC, 8.3 amps, 320 FPM.	5 lbs	889 (N)

WARNING LIGHTS INCANDESCENT STROBE LIGHT BEACONS



A. Utility Strobe

- (40) 10-Flash bursts per min.
- 0.3 Amps/1.7 Joules
- Permanent and Magnetic Mounts



B. Compact Strobe

- Xenon Strobe, 80 FPM
- 0.3 Amps/1.7 Joules
- Magnetic Mount



C. Quad Flash Strobe

- 0.75 Amps/3.8 Joules



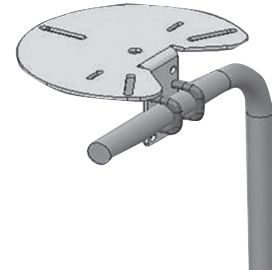
D. Utility Strobe

- Dual Flash
- 1.5 Amps/8 Joules
- 3-bolt or 1" pipe mount



E. Self-leveling Strobe Bracket

- 3/16" Steel bar
- 9"W (ID) x 7.625" T (OD)
- Black Powder Coat



F. Beacon Mirror Mounting Bracket

- Stainless Steel
- Adjustable
- U-Bolts

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A SL500A	Utility Strobe, Amber, .3 Amps, 1.7 Joules, (40) 10-Flash bursts per min. 10' power cord with accessory plug adapter, shock, vibration and moisture resistant, Permanent and Magnetic Mounts, 4" Diam x 3" T.	1.13 lbs	889 (N)
	B SL650A	Compact Magnetic Mount, Amber, Xenon strobe, .3 Amps, 1.7 Joules, 80 FPM, 10' power cord, 6" Diam x 4.75" T	1.5 lbs	889 (N)
	C B745229T	Quad Flash Strobe, Amber, .75 Amps, 3.8 Joules, Permanent mount. 5.25" Diam x 5.687" T	1.69 lbs	889 (N)
	C B745236T	Quad Flash Strobe, Amber, .75 Amps, 3.8 Joules, 10' Cord. Magnetic mount, 5.25" Diam x 5.687" T	2.58 lbs	889 (N)
	D SL640ALP	Amber, 1.5 Amps, 8 Joules, Dual flash, 80 FPM, Permanent 3-bolt or Pipe-style Mount, 6.31" Diam x 4.75" T.	1.75 lbs	889 (N)
	D SL660A	Amber, 1.5 Amps, 8 Joules, Dual flash, 80 FPM, Permanent 3-bolt or Pipe-style Mount, 6-5/16" Diam x 6.31" T.	2.0 lbs	889 (N)
	E B210880	Self-leveling Strobe Bracket, 3/16" Steel plate with black powder coating. Complete with hardware and instructions.	6.7 lbs	889 (N)
	F 8891001	Beacon mirror mounting bracket, stainless steel, adjustable	1.4 lbs	889 (N)

ELECTRICAL & LIGHTING

WORK LIGHTS

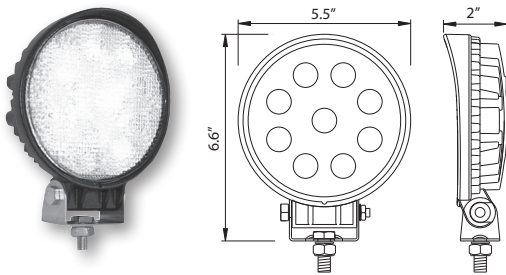
LED SPOT AND FLOOD

DIE CAST ALUMINUM with STAINLESS STEEL MOUNTS



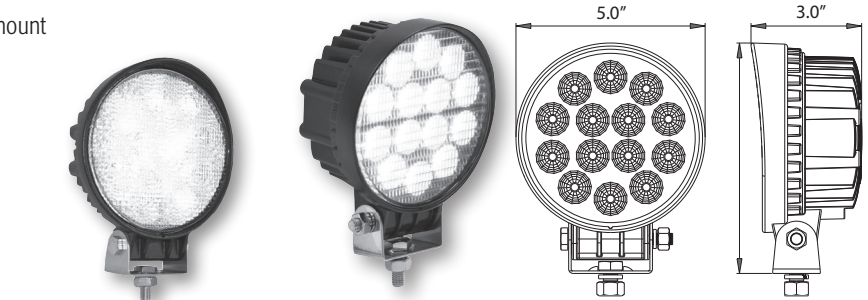
A. 4-1/2" 6-LED Round Flood Lights

- 6 LED
- 1350 Lumens
- 1.5 Amps
- Stainless steel mount



B. 5-1/2" 9-LED Round Flood Lights

- 9 LED
- 1500 Lumens
- 1.5 Amps
- Stainless steel mount

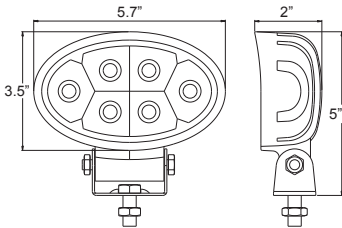


C. 4-1/2" 6-LED Round Spot Lights

- 1.5 Amps
- 1350 Lumens

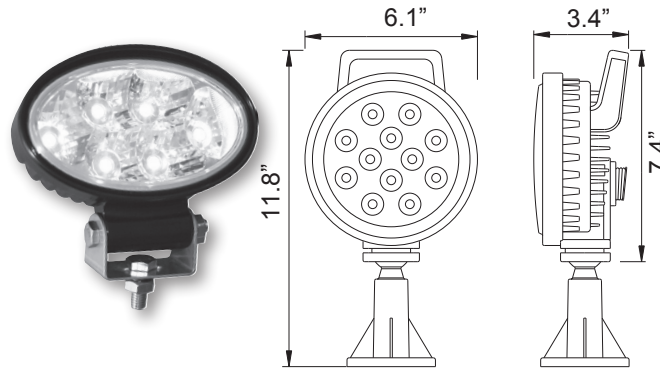
D. 5" Round 14-LED Flood Light

- 12-48VDC
- 3 Amps
- 2535 Lumens



E. 5-3/4" 6-LED Oval Flood Light

- 6 LED,
- 1350 Lumens
- 1.5 Amps



F. 6" Round Pedestal Mount Flood or Spot Light

- 12 LED,
- 1350 Lumens
- 3 Amps



ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 1492115	6 LED, 4.5" Round, Flood, 1.5 Amps, 1350 Lumens, Clear	1.20 lbs	562 (N)
	A 1492116	6 LED, 4.5" Round, Flood, 1.5 Amps, 1350 Lumens, Amber	1.20 lbs	562 (N)
	A 1492130	6 LED, 4.5" Round, Flood, 1.5 Amps, 1350 Lumens, Clear, Magnetic Base and 30' Cord	2.50 lbs	562 (N)
	A 1493215	6 LED, 4.5" Round, Flood, 1.5 Amps, 1350 Lumens, Clear, SS Mount, White housing	1.20 lbs	562 (N)
	B 1492114	9 LED, 5.5" Round, 2.25 Amps, 1500 Lumens, Clear, SS Mount	1.60 lbs	562 (N)
	C 1492215	6 LED, 4.5" Round, Spot light, 1.5 Amps, 1350 Lumens, Clear, SS Mount	1.20 lbs	562 (N)
	D 1492127	14 LED, 5" Round, 3 Amps, 2535 Lumens, Clear, SS Mount	1.20 lbs	562 (N)
	E 1492113	6 LEDs, 5.75" Oval, 1.5 Amps, 1350 Lumens, Clear, SS Mount	1.40 lbs	562 (N)
	F 1492120	12 LED, 6.1" Round Flood, 3 Amp, 1350 Lumens, Built-in Switch, Adjustable Mount	2.25 lbs	562 (N)
	F 1492121	12 LED, 6.1" Round Spot, 3 Amp, 1350 Lumens, Built-in Switch, Adjustable Mount	2.25 lbs	562 (N)

* Bulk items must be ordered in multiples of 10

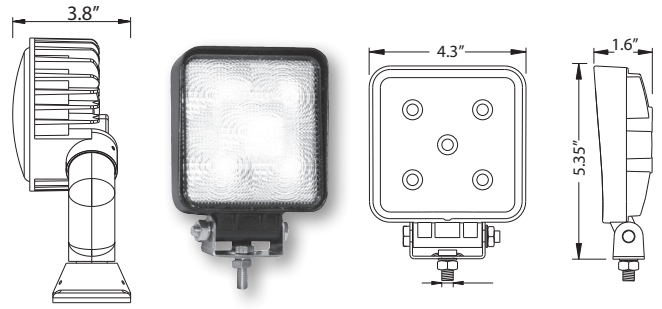


LED SPOT AND FLOOD WITH DIECAST ALUMINUM HOUSINGS



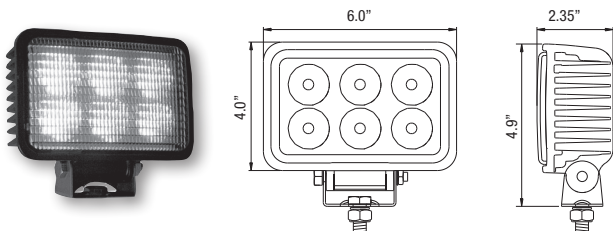
A. 5" 6-LED Articulating Flood or Spot Light

- 3 Amps
- 1350 Lumens
- Built-in Switch



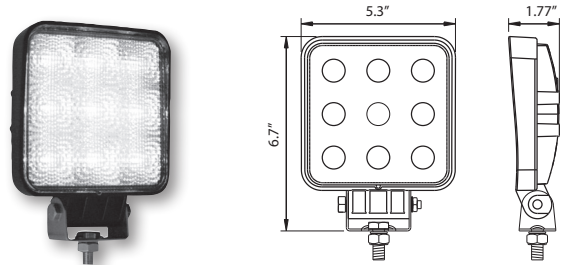
B. 4" Square 5-LED Flood Light

- 1.2 Amps
- 1050 Lumens



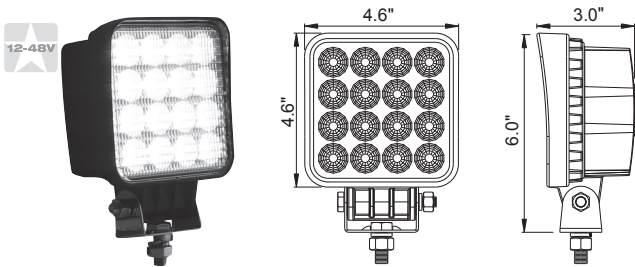
C. 6" Rectangular 6-LED Flood Light

- 1.5 Amps
- 1350 Lumens



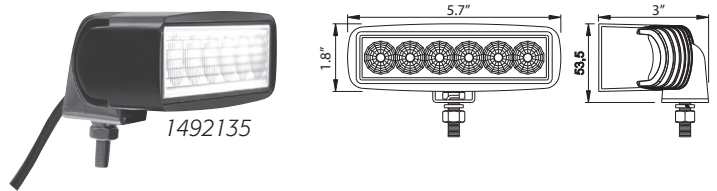
D. 5.25" Square 9-LED Flood Light

- 2.25 Amps
- 1500 Lumens



E. 4.33" Square 16-LED Flood Light

- 12-48VDC
- 3.8 Amps
- 3120 Lumens



F. 5" Rectangular 6-LED Flood Light

- 1.5 Amps
- 1350 Lumens

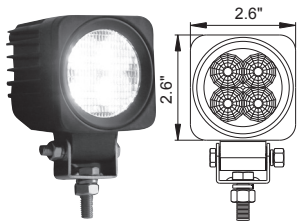
ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 1492125	6 LED, 5" Round, Flood light, 1350 Lumens, Clear, 3 Amps, Built-in Switch, Adjustable	2.33 lbs	562 (N)
	A 1492126	6 LED, 5" Round, Spot light, 1350 Lumens, Clear, 3 Amps, Built-in Switch, Adjustable	2.41 lbs	562 (N)
	B 1492117	5 LED, 4" Square LED Flood Light, 1.25 Amps, 1050 Lumens, Clear, Stainless steel mount, 36" Cord	1.20 lbs	562 (N)
	C 1492118	6 LED, 4 x 6" Rectangular LED Flood Light, 1.5 Amps, 1350 Lumens, Clear	1.75 lbs	562 (N)
	D 1492119	9 LED, 5.30" Square LED Flood Light, 2.25 Amps, 1500 Lumens, Clear, Stainless steel mount	1.76 lbs	562 (N)
	E 1492128	16 LED, 4.6" Square LED Flood Light, 3.8 Amps, 3120 Lumens, Clear, Stainless steel mount.	2.25 lbs	562 (N)
	F 1492135	6 LED, 5.7" Rectangular LED Flood Light, 1.5 Amps, 1350 Lumens, Clear, Stainless steel mount	1.60 lbs	562 (N)

ELECTRICAL & LIGHTING

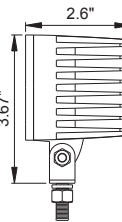
WORK LIGHTS

LED SPOT AND FLOOD WITH DIE CAST ALUMINUM HOUSINGS



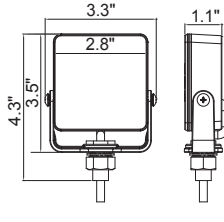
A. 4-LED Flood Light

- 1.0 Amp
- 780 Lumens



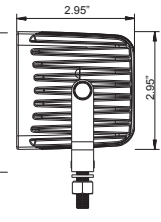
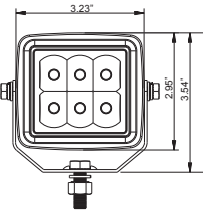
B 4-LED Flood Light

- 0.6 Amp
- 400 Lumens



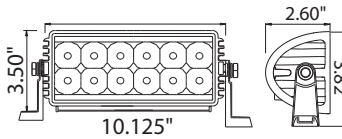
C. 6-LED Flood or Spot Light

- 1.5 Amps
- 1380 Lumens



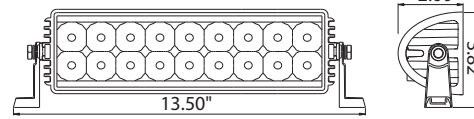
D. 12-LED Lightbar Spot Light

- 3 Amps
- 2700 Lumens



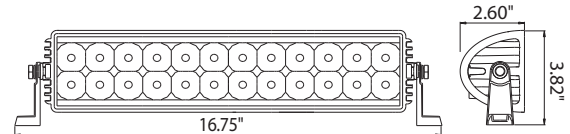
E. 18-LED Lightbar Spot Light

- 4 Amps
- 4050 Lumens



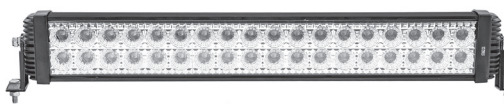
F. 24-LED Lightbar Spot Light

- 6 Amps
- 5400 Lumens



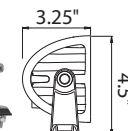
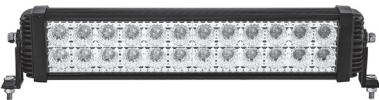
G. 12-LED Lightbar Spot-Flood Light

- 3 Amps
- 2700 Lumens



I. 36-LED Lightbar Spot-Flood Light

- 9 Amps
- 8100 Lumens



H. 24-LED Lightbar Spot-Flood Light

- 6 Amps
- 5400 Lumens

J. 48-LED Lightbar Spot-Flood Light

- 12 Amps
- 10800 Lumens

ORDERING INFORMATION

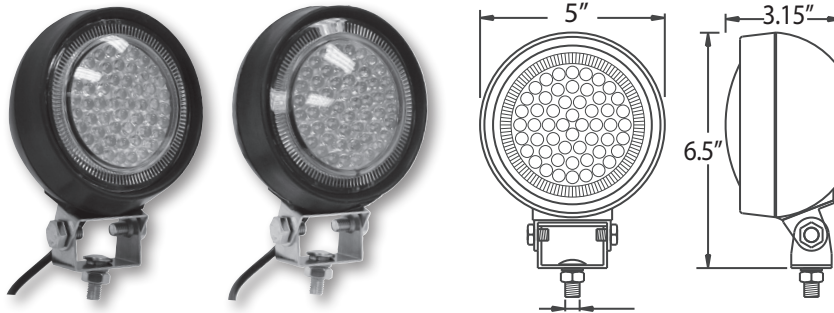
	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A	4 LED, 2.6" Square 1.0 Amps, 1350 Lumens	1.00 lbs	562 (N)
	B	4 LED, 2.8" Square, 0.6 Amp, 400 Lumens	0.65 lbs	562 (N)
	C	6 LED, 2.95" Square, 1.5 Amps, 1380 Lumens, Flood	1.50 lbs	562 (N)
	C	6 LED, 2.95" Square, 1.5 Amps, 1380 Lumens, Spot	1.50 lbs	562 (N)
	D	12 LED, Lightbar Spot light, 2700 Lumens, Aluminum Housing, 10.125" L x 2.6" W x 3.82" H	2.20 lbs	562 (N)
	E	18 LED, Lightbar Spot light, 4050 Lumens, Aluminum Housing, 13.50" L x 2.6" W x 3.82" H	2.64 lbs	562 (N)
	F	24 LED, Lightbar Spot light, 5400 Lumens, Aluminum Housing, 16.75" L x 2.6" W x 3.82" H	3.30 lbs	562 (N)
	G	12 LED, Lightbar Spot-Flood Combo light, 2700 Lumens, Aluminum Housing, 12.50" L x 3.25" W x 4.50" H	3.95 lbs	562 (N)
	H	24 LED Lightbar Spot-Flood Combo light, 5400 Lumens, Aluminum Housing, 19.75" L x 3.25" W x 4.50" H	5.90 lbs	562 (N)
	I	36 LED Lightbar Spot-Flood Combo light, 8100 Lumens, Aluminum Housing, 27.25" L x 3.25" W x 4.50" H	7.88 lbs	562 (N)
	J	48 LED Lightbar Spot-Flood Combo light, 10800 Lumens, Aluminum Housing, 34.75" L x 3.25" W x 4.50" H	9.75 lbs	562 (N)

= Available in Full Color Retail Package



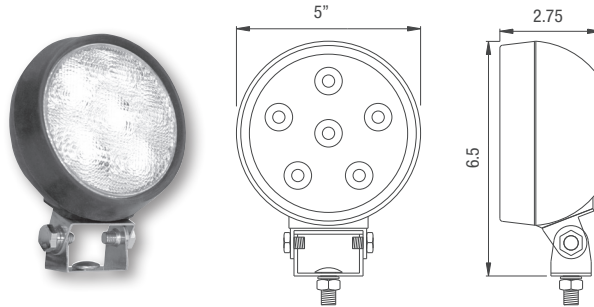
A. 5" 54-LED Sealed Rubber Utility Light

- 3 Amps
- Amber or Clear
- 375 Lumens



B. 5" 6-LED Sealed Rubber Flood Lights

- 1.5 Amps
- 1350 Lumens



C. 5" Sealed Rubber Incandescent Flood Light

- 2.92 Amps
- 35 Watts



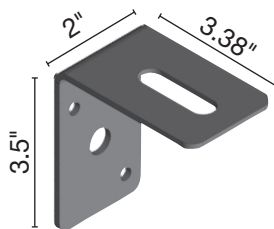
D. 3-LED Clear Projector Light

- .3 Amps
- 400 Lumens
- Ideal for cab step and perimeter ground lighting
- Adjustable stainless steel bracket

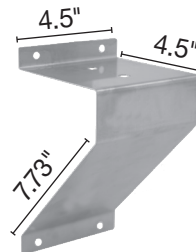


E. Stainless Steel Mounts

- For flood and spot and utility lights



1492106



1492107

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 1492110	54 LED, 5" Round, Clear, .3 Amps, 375 Lumens, Stainless Mount	1.00 lb	562 (N)
A 1492111	54 LED, 5" Round, Amber, .3 Amps, 375 Lumens, Stainless Mount	0.65 lbs	562 (N)
B 1492112	6 LEDs, 5" Round, Clear, 1.5 Amps, 1350 Lumens, & SS Mount	2.20 lbs	562 (N)
C 1492100	5" Round, 2.92 Amps, Clear, 35 Watts	2.64 lbs	562 (N)
D 5624433	3 LED Clear, 12 VDC, .30 Amps, 400 Lumens, Black powder coated aluminum housing with stainless steel mounting bracket, 4.25" L x 1.625" W x 1.5" H	0.50 lbs	562 (N)
E 1492106	Stainless steel bracket for flood and spot lights	3.30 lbs	562 (N)
E 1492107	Stainless steel bracket for flood and spot lights	3.95 lbs	562 (N)

ELECTRICAL & LIGHTING

COMPARTMENT AND DOME LIGHTS



A. 5" Round Incandescent Interior Dome Light

- Clear
- 2.2 Amp
- 1156 Bulb
- On-off switch



B. 10-LED Interior Dome Light, Bulk

- 4" Round or 6" Oval
- Recessed grommets & plugs (shown in DOT lighting section)

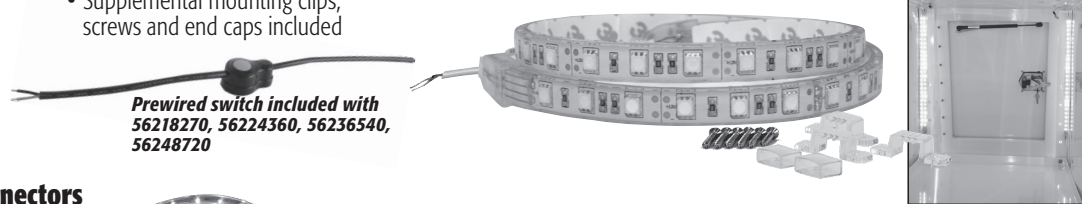
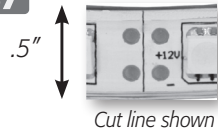


C. LED Strip Lights w/Adhesive Back and Clips



- 27-90 LEDs
- Can be cut-to-length every 3 diodes.
- Surface mount diodes (SMDs) provide a higher lumen rating

- Low profile design, 0.5" W x 0.2"D
- 3M® self-adhesive backing for easy installation on any surface
- Supplemental mounting clips, screws and end caps included



Prewired switch included with 56218270, 56224360, 56236540, 56248720

D. LED Rope Light w/Connectors and Mounts

- 52.5 Ft
- 576 LEDs
- Connectors, mounts and endcaps included



ORDERING INFORMATION

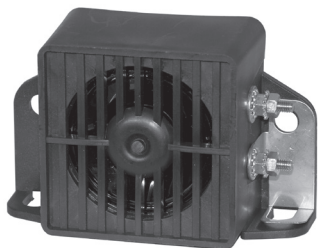
	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 5625030	5" Round Incandescent Interior Dome Light Clear, 2.2 Amp, w/1156 Bulb, w/on-off switch	0.5 lbs	562 (N)
	B 5624352	LED Interior Dome Light, Bulk* Clear, 4" Round, 10 LED	0.37 lbs	562 (N)
	B 5626352	LED Interior Dome Light, Bulk* Clear, 6.5" Oval, 10 LED	0.34 lbs	562 (N)
	C 5621827	27 LED Strip Lights, Clear, Warm, 18", 0.4 Amps, 360 Lumens	0.31 lbs	562 (N)
	C 5621928	27 LED Strip Lights, Clear, Cool, 18", 0.4 Amps, 360 Lumens	0.31 lbs.	562 (N)
	C 5622436	36 LED Strip Lights, Clear, Warm, 24", 0.5 Amps, 470 Lumens	0.35 lbs.	562 (N)
	C 5622537	36 LED Strip Lights, Clear, Cool, 24", 0.5 Amps, 470 Lumens	0.35 lbs.	562 (N)
	C 5622638	36 LED Strip Lights, Red, 24", 0.5 Amps, 470 Lumens	0.35 lbs.	562 (N)
	C 5622739	36 LED Strip Lights, Blue, 24", 0.5 Amps, 470 Lumens	0.35 lbs.	562 (N)
	C 5623654	54 LED Strip Lights, Clear, Warm, 36", 0.8 Amps, 710 Lumens	0.40 lbs.	562 (N)
	C 5623755	54 LED Strip Lights, Clear, Cool, 36", 0.8 Amps, 710 Lumens	0.40 lbs.	562 (N)
	C 5624872	72 LED Strip Lights, Clear, Warm, 48", 1.0 Amps, 940 Lumens	0.44 lbs.	562 (N)
	C 5624973	72 LED Strip Lights, Clear, Cool, 48", 1.0 Amps, 940 Lumens	0.44 lbs.	562 (N)
	C 5625074	72 LED Strip Lights, Red, 48", 1.0 Amps, 940 Lumens	0.44 lbs.	562 (N)
	C 5625175	72 LED Strip Lights, Blue, 48", 1.0 Amps, 940 Lumens	0.44 lbs.	562 (N)
	C 5626292	90 LED Strip Lights, Amber, 60", 1.3 Amps, 1175 Lumens	0.55 lbs.	562 (N)
	C 56218270	27 LED Strip Lights, Clear, Warm, 18", 0.4 Amps, 360 Lumens, w/pre-wired switch	0.34 lbs	562 (N)
	C 56224360	36 LED Strip Lights, Clear, Warm, 24", 0.5 Amps, 470 Lumens, w/pre-wired switch	0.39 lbs	562 (N)
	C 56236540	54 LED Strip Lights, Clear, Warm, 36", 0.8 Amps, 710 Lumens, w/pre-wired switch	0.43 lbs	562 (N)
	C 56248720	72 LED Strip Lights, Clear, Warm, 48", 1.0 Amps, 940 Lumens, w/pre-wired switch	0.47 lbs	562 (N)
	D 5625576	576 LED Rope Lights 52.5 Ft. Rope Light, 1/2" Round w/hardware kit**	6.0 lbs	562 (N)
	D 3025141	576 LED Rope Lights Power Cable**	1.07 lbs	562 (N)
	D 3025142	576 LED Rope Lights Mounting Clip**	0.13 lbs	562 (N)
	D 3025143	576 LED Rope Lights End Cap**	0.06 lbs	562 (N)
	D 3025144	576 LED Rope Lights Center Connector**	0.12 lbs	562 (N)

* Bulk items must be ordered in multiples of 10 **Included with 5625576



A. Heavy-Duty Towing Light Set

- Offers quick and easy installation/removal with a sturdy magnetic base
- A durable 30' cord with 4-pole spring plug easily activates turn signal, brakes and tail lights
- Visible for up to one mile
- Includes plastic storage case



BA0972



BA102/BA107

B. Self-Grounding Back-Up Alarms

- 2 year warranty on all back-up alarms
- 100% quality certified
- 12-24 VDC
- Low frequency tone
- Epoxy sealed from moisture, dust & vibration
- Self-grounding
- Full-color display box
- Meets OSHA, Bureau of Mines, GSA & all state regulations
- Conforms to SAE J994 criteria

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	TL257M	Towing Lights	5.32 lbs.	889 (N)
B	BA0972	Self-Grounding Back-up Alarm, 97 dB, 4" L x 1-5/8" W x 2-5/8"	0.61 lbs.	888 (N)
B	BA102	Self-Grounding Back-up Alarm, 102 dB, 4" L x 1-5/8" W x 2-5/8"	0.60 lbs.	888 (N)
B	BA107	Self-Grounding Back-up Alarm, 107 dB, 4" L x 1-3/4" W x 3-1/16" T	0.68 lbs.	888 (N)

C. Jumper Cables with Quick Connect

- 22' Booster cable plus 6' battery side cable with quick connects
- 4 AWG insulated cable
- 600 Amp



Blue Quick Connector



Gray Quick Connector

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
C	5601025	Jumper Cables with Gray Quick Connect, 28 ft.	5.32 lbs.	560 (N)
C	5601026	Jumper Cables w/ Blue Quick Connect, 28 ft.	0.61 lbs.	560 (N)
C	5601015	Gray Quick Connect Replacement Set	0.60 lbs.	560 (N)
C	5601016	Blue Quick Connect Replacement Set	0.68 lbs.	560 (N)
C	5601020	6' Battery Side Cable with Gray Quick Connect	2.70 lbs	560 (N)
C	5601021	6' Battery Side Cable With Blue Quick Connect	2.70 lbs	560 (N)

 = Available in Full Color Retail Package

ELECTRICAL & LIGHTING

CAMERA SYSTEMS

A. Rear Observation Camera System and Accessories

- 7" Color monitor
- Auto reverse "on"
- Audio on versions 8881200 and 8881270
- Adjustable mounts
- Heated night vision camera w/audio
- Multiple camera capable
- Wireless remote
- 65' cable



ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8881200	Rear Observation System w/Standard Camera	4.9 lbs	888 (N)
A 8881260	Rear Observation System w/Recessed Camera	4.2 lbs	888 (N)
A 8881270	Rear Observation System, Quad Screen, Standard Camera	4.9 lbs	888 (N)
B 8881211	Camera, Standard, IP67, Night Vision, Heated, Audio	1.2 lbs	888 (N)
C 8881212	Camera, Recessed 1" Dia. Bullet, IP67, Night Vision	1.0 lbs	888 (N)
D 8881213	Camera, Sphere, IP67, Night Vision	0.4 lbs	888 (N)
E 8881214	Camera, Side, Universal, IP67, Night Vision	0.6 lbs	888 (N)
F 8881221	Cable, 16'/5m	0.6 lbs	888 (N)
F 8881222	Cable, 32'/10m	1.0 lbs	888 (N)
F 8881224	Cable, 65'/20m	1.9 lbs	888 (N)
F 8881225	Cable, 82'/25m	2.5 lbs	888 (N)
G 3027292	Mount, adjustable, ball and socket pedestal	0.3 lbs	888 (N)



A. 8891144 - 44" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box, Dimensions: 44" L x 8" H x 3" D
- (2) 4" round STT lights, 10 red LEDs
- (2) 4" round strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights 4 red LEDs
- (1) Wire Harness
- (2) LED load equalizers

Fixed & Hinged Mounting Options



B. 8891145 - 44" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box, Dimensions: 44" L x 8" H x 3" D
- (2) 6" oval STT lights, 10 red LEDs
- (2) 6" oval strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights 4 red LEDs
- (1) Wire Harness
- (2) LED load equalizers

Fixed & Hinged Mounting Options



C. 8891166 - 66" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box Dimensions: 66" L x 8" H x 3" D
- (2) 4" round STT lights, 10 red LEDs
- (2) 4" round back-up light, 10 clear LEDs
- (2) 4" round strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights, 4 red LEDs
- (1) Wire Harness
- (2) LED Load Equalizers

Fixed & Hinged Mounting Options



D. 8891168 - 66" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box Dimensions: 66" L x 8" H x 3" D
- (2) 6" oval STT lights, 10 red LEDs
- (2) 6" oval back-up light, 10 clear LEDs
- (2) 6" oval strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights, 4 red LEDs
- (1) Wire Harness
- (2) LED Load Equalizers

Fixed & Hinged Mounting Options



E. 8891167 - 66" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box Dimensions: 66" L x 8" H x 3" D
- (4) 4" round STT lights, 10 red LEDs
- (2) 4" round strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights, 4 red LEDs
- (1) Wire Harness
- (2) LED Load Equalizers

Fixed & Hinged Mounting Options



F. 8891169 - 66" LED Light Bar Kit Includes:

- (1) 304 stainless steel light box Dimensions: 66" L x 8" H x 3" D
- (4) 6" oval STT lights, 10 red LEDs
- (2) 6" oval strobe lights, 24 amber LEDs
- (3) 2.5" round marker lights, 4 red LEDs
- (1) Wire Harness
- (2) LED Load Equalizers

Fixed & Hinged Mounting Options

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 8891144	44" LED Light Bar Kit	21.0 lbs	889 (N)
B 8891145	44" LED Light Bar Kit	26.8 lbs	889 (N)
C 8891166	66" LED Light Bar Kit	30.0 lbs	889 (N)
D 8891167	66" LED Light Bar Kit	30.0 lbs	889 (N)
E 8891168	66" LED Light Bar Kit	36.9 lbs	889 (N)
F 8891169	66" LED Light Bar Kit	36.6 lbs	889 (N)

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

LIGHTBARS



A. 304 Stainless Steel DOT Lightbars Only (Mounts Included)

- 7 Hole Round, and 9 Hole Round (No Lights)
- Fixed & Hinged Mounting Options

B. 304 Stainless Steel DOT Lightbars Only (Mounts Included)

- 7 Hole Oval and 9 Hole Oval (No Lights)
- Fixed & Hinged Mounting Options

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A LB8443SST	Stainless Steel DOT Lightbars Only (Mounts Included), 7 Hole Round, 8" x 3" x 44" (No Lights)	19.0 lbs	889 (N)
A LB8663SST	Stainless Steel DOT Lightbars Only (Mounts Included), 9 Hole Round, 8" x 3" x 66" (No Lights)	28.0 lbs	889 (N)
B LB8445SST	Stainless Steel DOT Lightbars Only (Mounts Included), 7 Hole (3 Round, 4 Oval), 8" x 3" x 44" (No Lights)	19.3 lbs	889 (N)
B LB8665SST	Stainless Steel DOT Lightbars Only (Mounts Included), 9 Hole Round (3 Round, 6 Oval), 8" x 3" x 66" (No Lights)	28.0 lbs	889 (N)

C. Wiring Harness

- Universal 12-Ft Lead
- Rear DOT, 7 and 9 Light Bar Wiring



ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
C 5609000	Wiring Harness, 12- Ft. Lead, Universal, Rear DOT, 7 & 9 Light Bar Wiring	3.90 lbs	889 (N)

D. Universal Snowplow Light Kit

- Dual beam halogen headlamps with turn signal/parking light
- High-impact polycarbonate case.
- Double-post mounts.
- Includes universal wiring harness.

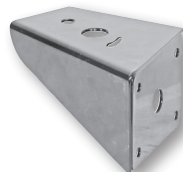


ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
D 1311100	Universal Snowplow Light Kit	10.45 lbs	889 (N)
D 1311110	Headlight Adapter for International®	1.09 lbs	889 (N)

E. Stainless Steel Truck Hood Light Brackets

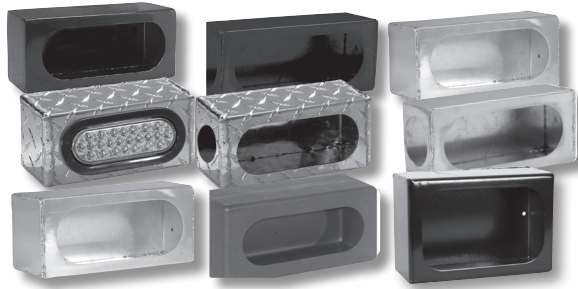
- Universal fit for med./hvy. class truck hoods: Ford, Freightliner, GMC, International, Mack, Peterbilt, Sterling, Volvo, etc.



ORDERING INFORMATION

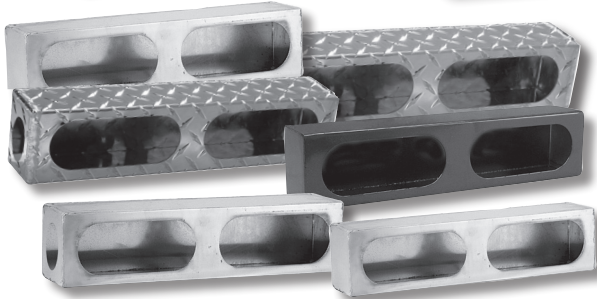
PART NO.	DESCRIPTION	WEIGHT	CAT.
E PLB12SS	Unwelded bracket, extended, stainless steel	11.1 lbs	889 (N)

= Available in Full Color Retail Package



A. Single Oval and Single Rectangle Light Boxes

- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum
- Black Polymer



B. Dual Oval Light Boxes

- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum
- Black Polymer



C. Triple Oval Light Boxes

- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum
- Black Polymer

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
Single Oval Light Boxes			
A LB383	Single Oval, Black Powder Coat Steel	2.65 lbs	520 (N)
A LB383SL	Single Oval, Side Light, Black Powder Coat Steel	2.65 lbs	520 (N)
A LB383SST	Single Oval, Stainless Steel	2.50 lbs	520 (N)
A LB383ALDT	Single Oval, Diamond Tread Aluminum	2.00 lbs	520 (N)
A LB383SLALDT	Single Oval, Side Lt, Diamond Tread Aluminum	0.67 lbs	520 (N)
A LB383SLSST	Single Oval, Side Lt, Stainless Steel	2.40 lbs	520 (N)
A LB383ALSM	Single Oval, Smooth Aluminum	2.00 lbs	520 (N)
A LB383P	Single Oval, Black Polymer	0.70 lbs	520 (N)
Single Rectangle Light Box			
A LB743	Single Rectangle, Black Powder Coat Steel	2.33 lbs	520 (N)
Dual Oval Light Boxes			
B LB3163SST	Dual Oval Stainless Steel	4.50 lbs	520 (N)
B LB3163ALDT	Dual Oval Diamond Tread Aluminum	1.29 lbs	520 (N)
B LB3163SLALDT	Dual Oval Side Light, Diamond Tread Aluminum	3.90 lbs	520 (N)
B LB3163	Dual Oval Black Powder Coat Steel	4.84 lbs	520 (N)
B LB3163SLSST	Dual Oval Side Light, Stainless Steel	4.40 lbs	520 (N)
B LB3163ALSM	Dual Oval Smooth Aluminum	1.05 lbs	520 (N)
Triple Oval Light Boxes			
C LB3253	Triple Oval, Black Powder Coat Steel	6.94 lbs	520 (N)
C LB3253ALDT	Triple Oval Diamond Tread Aluminum	1.88 lbs	520 (N)
C LB3253SST	Triple Oval Stainless Steel	7.19 lbs	520 (N)
C LB8133	Triple Oval Vertical or Horiz, Steel, Gray Primer	6.25 lbs	520 (N)

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

DOT LIGHT BOXES



A. Single Round Light Boxes

- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum
- Black Polymer

B. Dual Round Light Boxes

- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum

C. Triple Round Light Boxes

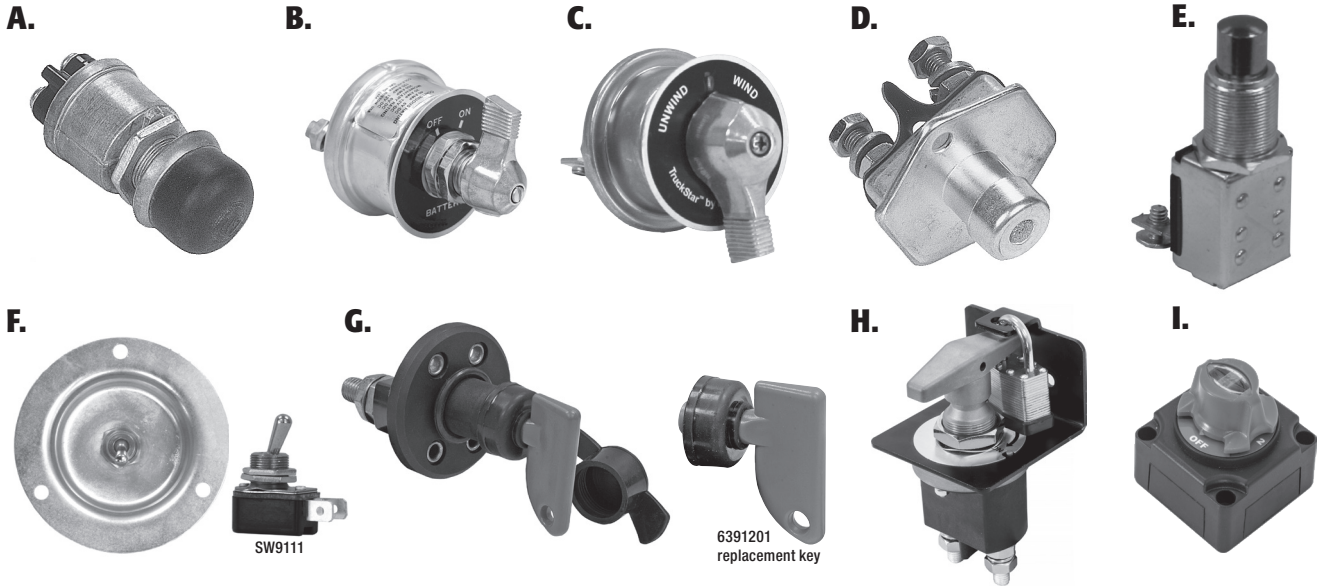
- Powder Coated Steel
- Stainless Steel
- Diamond Tread Aluminum

D. Light Mounting Brackets

- Powder Coated Steel
- Stainless Steel

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
Single Round Light Boxes			
A LB663	Single Round Black Powder Coat Steel	2.74 lbs	520 (N)
A LB663SL	Single Round Side Lt, Blk Powder Coat Steel	2.72 lbs	520 (N)
A LB663SST	Single Round Stainless Steel	2.6 lbs	520 (N)
A LB663SLSST	Single Round Side Light, Stainless Steel	2.5 lbs	520 (N)
A LB663ALDT	Single Round Diamond Tread Alum	2.0 lbs	520 (N)
A LB663SLALDT	Single Round Side Light, Diamond Tread Alum	1.93 lbs	520 (N)
A LB663ALSM	Single Round Smooth Aluminum	2.0 lbs	520 (N)
Dual Round Light Boxes			
B LB6123	Dual Round, Black Powder Coat Steel	4.95 lbs	520 (N)
B LB6123SST	Dual Round, Stainless Steel	4.09 lbs	520 (N)
B LB6123ALDT	Dual Round, Diamond Tread Aluminum	1.35 lbs	520 (N)
Triple Round Light Boxes			
C LB6183	DOT Light Box, Triple Round, Black Powder Coat Steel	7.0 lbs	520 (N)
C LB6183SST	DOT Light Box, Triple Round Stainless Steel	5.83 lbs	520 (N)
C LB6183ALDT	DOT Light Box, Triple Round, Diamond Tread Aluminum	1.97 lbs	520 (N)
Light Mounting Brackets			
D LB1	DOT Light Mounting Bracket, Single Oval, Black 8.25" x 4.0"	0.71 lbs	520 (N)
D LB1SS	DOT Light Mounting Bracket, Single Oval, SS, 8.25" x 4.0"	0.45 lbs	520 (N)



A. Push button Panel Mount Momentary 2 Position Switch

- A weatherproof, dust proof, single pole, single throw switch
- For trucks, buses, & farm equipment vehicles
- Features rubber cap & mounting nut assembly, two screw terminals with lock-washers
- Mounting stem 5/8"-32 Thd., 21/32" Long
- Max 35 Ampere

B. Master Disconnect Switch

- Single pole battery disconnect, two position (on & off)
- 12V DC, 20A continuous 125A intermittent +15 sec. on, 5 min off
- Two 3/8" copper terminal studs
- Brass mounting stem
- 3/4"-16 Thd., 23/32" long, fits through 3/16" thick panel

C. 50 AMP Rotary Switch

- Heavy-duty 50 AMP rotary switch controls forward and reverse motion of a 12-volt motor without requiring a relay
- Commonly used on 12-volt truck and trailer tarp systems
- Momentary on/off/momentary on lever type actuator
- 4 screw terminals with silver laminated contacts. Includes screws & washers
- Zinc plated steel case
- M12 x 1.0 mounting threads
- Aluminum name plate included

D. Push button Flange Mount 2 Position Switch

- Single pole, single throw switch with 5/16"-24 Thd.
- Stud terminals 29/32" mounting holes 1-3/4" on center
- Top of button extends 1" above faceplate

E. 12 Volt Momentary Switch

- Push for ON
- Spring return for OFF
- Two brass terminals
- Two 5/8"-32 brass screws
- 2-5/16" long OD
- 5/8" diameter mounting hole
- Fits through 3/4" panel thickness
- Moisture repellent insulator
- Chrome push button

F. 12V Recessed Toggle Switch w/2 Blade Terminals, Panel Mount

- Recessed Toggle Switch
- 12 VDC, 10 AMP
- Two blade terminals
- Recessed pan protects switch from impacts & accidental activation
- 20 gauge zinc plated steel pan
- 2" diameter mounting hole

G. Master Battery Isolator Switch

- Excellent for marine or automotive use
- Rated 100 amps continuous, 500 amps surge, at 12 volts
- Four 3/16" diameter mounting holes
- Key and water resistant cover included

H. Battery Disconnect

- 2500 Amp Surge/250 Amp Continuous for 5 Seconds
- 12-12VDC
- Complies with OSHA 1910.147 Lock-out/Tag-out
- Padlock not included

I. Dual Battery Disconnect Switch

- 1000 Amp Surge/300 Amp Continuous for 5 Seconds
- 12-28 VDC
- IP54 Rated
- Silver Plated Contacts

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A	BSW90030 Push button Panel Mount Momentary Switch 2 Pos. S.P.S.T.	0.11 lbs.	639 (N)
B	SW700 Master Disconnect Switch	1.00 lbs.	639 (N)
C	SW710 50 AMP Rotary Switch, Momentary On-Off	1.00 lbs.	639 (N)
D	BSW002 Push button Flange Mount Switch 2 Pos. S.P.S.T.	0.36 lbs.	600 (N)
E	SW901 12V Push Button Momentary Switch	0.12 lbs.	639 (N)
F	SW911 12V Recessed Toggle Switch, 2 blade Terminals, Panel Mount	0.18 lbs.	639 (N)
F	SW9111 12V Toggle Switch Only, 2 Blade Terminals	0.04 lbs.	639 (N)
G	6391200 Master Battery Isolator Switch	0.22 lbs.	639 (N)
G	6391201 Replacement Key for 6391200	0.06 lbs.	639 (N)
H	6391005 Battery Disconnect	2.42 lbs.	639 (N)
I	6391050 Dual Battery Disconnect Switch	0.71 lbs	639 (N)

= Available in Full Color Retail Package

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

SWITCHES & SWITCH PANELS

A. Pre-wired Switch Panels with Aluminum Bracket

- On-off
- Pre-wired and fused
- Backlit



B. Mini Round Rocker Switches

- On-Off
- On-Off-On
- Momentary On



C. Pre-wired Switch Boxes

- Pre-wired and fused
- 4 function and 6 function
- Additional name plates included
- Backlit



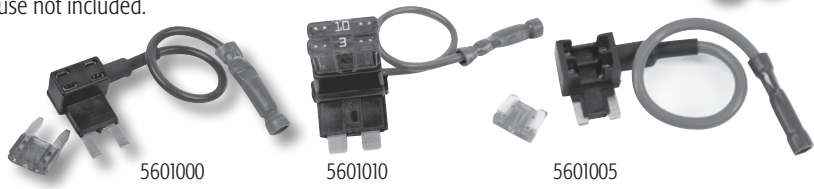
D. Pre-wired Switch

- On-off
- Flash Pattern Control
- 15' Pre-wired cable
- 10 Amp
- 2-1/2" L x 1-1/2" W x 1" H



E. Dual Fuse Holders

- 10 and 15 Amp
- Turns one fuse slot into two.
- Fuse not included.



F. Junction Boxes

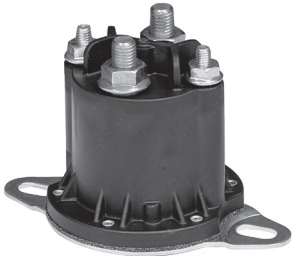
- 7 Terminals



ORDERING INFORMATION

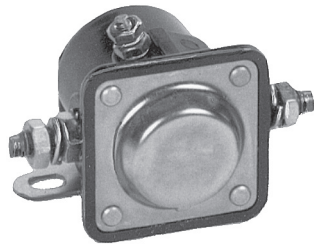
	PART NO.	DESCRIPTION	WEIGHT	CAT.
	A 6391001	Single Switch Panel, 10 Amp, On-Off, 2" L x 1.625" W x 2.25" T	0.22 lbs	639 (N)
	A 6391002	Double Switch Panel 15 Amp, On-Off, 3" L x 1.625" W x 2.25" T	0.29 lbs	639 (N)
	A 6391003	Triple Switch Panel 20 Amp, On-Off, 3.875" L x 1.625" W x 2.25" T	0.35 lbs	639 (N)
	A 6391004	Quad Switch Panel (2) 10 Amp, On-Off, 4.75" L x 1.625" W x 2.25" T	0.53 lbs	639 (N)
	A 6391100	.75" mini rocker switch, on-off, illuminated	0.53 lbs	639 (N)
	B 6391102	.75" mini rocker switch, on-off	0.013 lbs	639 (N)
	B 6391103	.75" mini rocker switch, on-off-on	0.013 lbs	639 (N)
	B 6391105	.75" mini rocker switch, momentary-on	0.013 lbs	639 (N)
	C 6391104	Pre-wired Switch Boxes, 4-Function Backlit Switch Box, (3) 20 Amp, (1) 40 Amp, Prewired and fused with relay & circuit breaker, 4.25" L x 3.875: W x 2.25" T	2.40 lbs	639 (N)
	C 6391106	Pre-wired Switch Boxes 6-Function Backlit Switch Box, Box, (5) 20 Amp, (1) 40 Amp, Prewired and fused with relay & circuit breaker, 6.125" L x 3.875: W x 2.25" T	2.90 lbs	639 (N)
	C 6391101	Mini rocker switch, on-off, illuminated, replacement	0.53 lbs	639 (N)
	D 6391215	Switch, On-Off w/ Flash Pattern Control, 15' Prewired cable, 10 Amp	1.00 lbs	639 (N)
	E 5601000	Dual Fuse Holder Dual ATM Mini Fuse holder, 10 Amp	0.04 lbs	639 (N)
	E 5601005	Dual Fuse Holder Dual ATM Mini Fuse holder, 15 Amp	0.04 lbs	639 (N)
	E 5601010	Dual Fuse Holder Dual ATO/ATC Fuse holder, 10 Amp	0.04 lbs	639 (N)
	F 5601100	Electrical Junction Box with 7 Terminals, 8-3/8" L x 3-7/8" W x 2-3/8" T	0.74 lbs	639 (N)
	F 5601101	Electrical Junction Box with 7 Terminals, 8" L x 3-1/4" W x 2-3/16" T	0.58 lbs	639 (N)

= Available in Full Color Retail Package



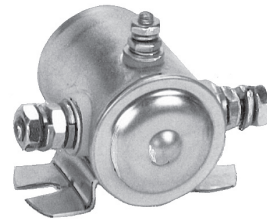
A. 12 Volt Plastic Case Solenoid (Insulated)

- Continuous-duty
- Waterproof, sealed design
- 11/32" holes, 3" on center
- 5/16"-24 Thd. terminals
- 10-32 coil terminals



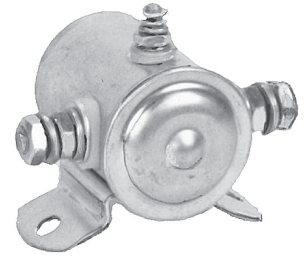
B. 12 Volt Plastic Case Solenoid (Insulated)

- Intermittent-duty
- 5/16"-24 Thd. terminals
- 9/32" x 25/64" holes, 27/64" on center



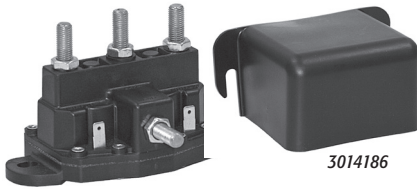
C. 12 Volt Steel Case Solenoid (Grounded)

- Continuous-duty
- 5/16"-24 Thd. terminals
- 12 volts applied to center terminals activates solenoid



D. 12 Volt Steel Case Solenoid (Insulated)

- Continuous-Duty
- 5/16"-24 thread terminals
- 29/32" x 25/64" holes, 27/64" on center
- Ground connection applied to center terminal activates solenoid



E. Solenoid Switch Kit

- 150 AMPS, grounded coils
- Alloy silver-plated contact material intermittent-duty
- Ideal for any application that requires reversing motion (truck winch, tarp systems, boat lifts, RV slide-out, RV leveling systems)



shown with bracket installed must purchase separately

F. Rocker Switch & Bracket

- 12 Volt
- Double momentary open/close
- Commonly used with tarp gear motors



G. Canister Type Solenoid

- Push for ON, Spring return for off
- 5/16"-24 Thd. terminals
- 1" diameter mounting hole
- Fits through 1/4" panel thickness
- Button extends 1" above faceplate



H. Counter Clockwise Rotation Motor

- 12 volt D.C. motor less drive end
- Tang shaft



I. Clockwise Rotation Motor

- 12 volt D.C. motor less drive end
- Tang shaft



J. Bi-Rotational Motor

- 12 volt D.C. motor



K. Clockwise Rotation Motor

- 12 volt D.C. motor with spline output shaft

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A 1306317	12 Volt Plastic Case Solenoid, Continuous	0.85 lbs.	600 (N)
B 1306070	12 Volt Plastic Case Solenoid, Intermittent, +12V to activate	0.68 lbs.	900 (N)
B 1306300	12 Volt Plastic Case Solenoid, Intermittent, GND to activate	0.68 lbs.	900 (N)
C B98596	12 Volt Steel Case Solenoid, Continuous, +12V to activate, Fits 304LR, 319LR, 642LR	0.91 lbs.	900 (N)
D 1306505	12 Volt Steel Case Solenoid, Continuous, Ground to activate	0.83 lbs.	900 (N)
E 1306600	12 Volt Plastic Case Solenoid, Intermittent, Reversing	0.76 lbs.	600 (N)
E 3014186	Plastic Cover for 1306600	0.09 lbs.	560 (N)
F 3014187	Rocker Switch	0.10 lbs.	639 (N)
F 3014188	Rocker Switch Bracket	0.25 lbs.	554-3 (N)
G B63322	Canister Type Solenoid	0.48 lbs.	636 (N)
H M3100	Counter clockwise motor, less drive end	16.50 lbs.	600 (N)
I M3200	Clockwise motor, less drive end	16.50 lbs.	600 (N)
J M3300	Bi-rotational motor	18.50 lbs.	600 (N)
K M3400	Clockwise motor, with 9 spline output shaft	16.75 lbs.	600 (N)

* Bulk items must be ordered in multiples of 10

ELECTRICAL & LIGHTING

PLUGS & METERS, BATTERY ADAPTERS, CIRCUIT BREAKERS, CONSPICUITY TAPE

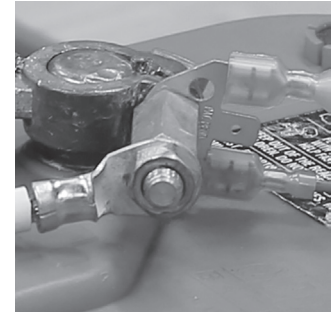
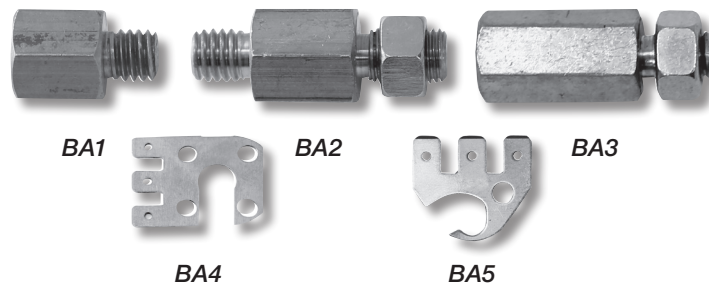
A. Vented Pipe Plug

- Porous bronze insert



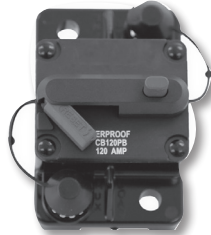
B. Brass Battery Bolt Adapters, Bulk

- Provides extra mounting points for power and ground wires



C. Hour Meter

- Low power, low cost reliable hour meter with quartz timing
- Compact, tamper proof meter is sealed against moisture and dirt!
- Mechanical indicating counter requires no battery



D. Hi-Amp Circuit Breaker










- Ideal for cranes, dump hoists, liftgates, plows, spreaders, etc.
- Auto reset or a manual trip
- 1/4-28 studs with rubber boots
- Waterproof
- Avail. in 50 amp-200 amp



E. Conspicuity Tape

- DOT Approved Conspicuity Tape
- ASTM D4956 - 93B Type V
- LS300C
- FP92
- NHTSA 49 CFT, Part 571, DOT-C2
- NHTSA conspicuity regulation mandate that all trailers-10,000 lbs. GVW and 80" wide or larger, must be reflectorized with alternating red-and-white retroreflective sheeting on the sides, bottom of rear door and ICC bar; and two pieces of white sheeting on the upper corners of the rear

ORDERING INFORMATION

PART NO.	DESCRIPTION	WEIGHT	CAT.
A PPV2	Vented Pipe Plug, 1/8" Pipe Thread	0.06 lbs.	627 (N)
A PPV4	Vented Pipe Plug, 1/4" Pipe Thread	0.13 lbs.	627 (N)
A PPV6	Vented Pipe Plug, 3/8" Pipe Thread	0.13 lbs.	627 (N)
A PPV8	Vented Pipe Plug, 1/2" Pipe Thread	0.13 lbs.	627 (N)
B BA1	Bolt, Brass, Side Terminal, 3/8-6	0.06 lbs.	520 (N)
B BA2	Bolt, Brass, Side Terminal, 3/8-24	0.02 lbs.	520 (N)
B BA3	Bolt, Brass, Top Terminal, 5/16-18	0.02 lbs.	520 (N)
B BA4	Terminal Tap & Ground, Side Mount Brass	0.01 lbs.	520 (N)
B BA5	Terminal Tap & Ground, Top Mount Brass	0.01 lbs.	520 (N)
C B40B45	10-80V DC Hour Meter	0.12 lbs.	630 (N)
 D CB30PB	30 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB50PB	50 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB60	60 Amp Circuit Breaker, Auto Reset	0.25 lbs.	560 (N)
 D CB60PB	60 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB80PB	80 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB90PB	90 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB100PB	100 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB120PB	120 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
 D CB150	150 Amp Circuit Breaker, Auto Reset	0.25 lbs.	560 (N)
D CB150PB	150 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
D CB200PB	200 Amp Circuit Breaker, Manual Push Button Reset	0.25 lbs.	560 (N)
E CT150RW	DOT Conspicuity Tape, 150' Roll, 11" Red-7" White	1.50 lbs.	889 (N)
E CT150W12	DOT Conspicuity Tape, 150' Roll, White, 12" Lengths	1.50 lbs.	889 (N)

 = Available in Full Color Retail Package



A. ATVS100

Ideal for Farming, Hunting, Landscaping, or Ground Maintenance

- Rust-proof, poly hopper
- Heavy-duty, sealed 12V motor
- Direct linkage controls eliminates stretching/breaking cable
- Rain cover included
- Spreads free-flowing materials: seed, feed, or fertilizer
- Manual feed gate regulator
- Capacity: 100 lbs.



B. ATVS15A

Ideal for Spreading Seed, Feed, and Fertilizer

- Durable polymer hopper
- Black powder coated steel framework, resists rust and corrosion
- Quick detach mounting bracket
- Hopper empties completely
- Multi-purpose design: you can salt, fertilize, broadcast seed, and feed game
- Adjustable shut-off gate regulates amount dispersed
- Spread width 25'-30' wide
- Spread Capacity: 15 gallons

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
A	ATVS100	100 lb. Capacity ATV Spreader	19 lbs.	537 (N)
B	ATVS15A	15-Gallon ATV Spreader	39 lbs.	537 (N)

MISCELLANEOUS

GLOVES, HAT, SAFETY VEST
STORAGE BOX, SHOVEL, STEP



A.



B.



C.



D.

9031105
shown

E.



9031110

F.



A. Multi-use Commercial Work Gloves

- Durable, synthetic leather palm
- Comfortable, form fitting back
- Vented fingers for breathability
- Adjustable wrist closure for optimum fit
- Retail cut case box included with 9901000

B. Buyers Black Knit Hat

- One Size fits all

C. Safety Vests

- Full ANSI/ISEA 107-2004 Class II compliance
- 1-1/2" 3M Scotchlite™ Reflective material
- Cool, breathable fluorescent lime mesh fabric
- Hook and Loop closures
- (1) Chest Pocket, (1) Inner Pocket
- Machine Washable

D. Poly Storage Box/Bin

- Durable, corrosion free construction
- Double panel, sloped lid with integral hasp
- Stainless steel hinge
- Hand holds for ease of carrying
- Fork lift slots
- Stackable

E. Polymer Step

- UV stable hi-density polyethylene two step box
- Built-in handle provides easy lifting
- Stackable for storage/shipment
- Non-skid step surface
- Lightweight

F. SprayLube990

- Penetrates rust
- Formulated with corrosion inhibitors to protect surfaces
- Displaces moisture
 - For use with moving parts on: Trucks, Trailers, and Equipment

ORDERING INFORMATION

	PART NO.	DESCRIPTION	WEIGHT	CAT.
B.P.C.	A 9901000*	Black Work Gloves, Case, 10 Pairs X-Large; 10 Pairs XX-Large	5.60 lbs.	990 (N)
B.P.C.	A 9901005**	Black Work Gloves, Size Large	0.23 lbs.	990 (N)
B.P.C.	A 9901010**	Black Work Gloves, Size X-Large	0.24 lbs.	990 (N)
B.P.C.	A 9901015**	Black Work Gloves, Size XX-Large	0.24 lbs.	990 (N)
	B 9901100	Hat, Black Knit	0.13 lbs.	903-1 (N)
B.P.C.	C 9921000	Safety Vest, Fluorescent Lime, Size Medium	0.45 lbs.	992 (Y)
B.P.C.	C 9921005	Safety Vest, Fluorescent Lime, Size Large	0.50 lbs.	992 (Y)
B.P.C.	C 9921010	Safety Vest, Fluorescent Lime, Size X-Large	0.55 lbs.	992 (Y)
B.P.C.	C 9921015	Safety Vest, Fluorescent Lime, Size XX-Large	0.60 lbs.	992 (Y)
	D 9031100	Poly Storage Box/Bin, 36W"x24D"x30H"	28.00 lbs.	903-1 (N)
	D 9031105	Poly Storage Box/Bin, 36W"x24D"x20H" (ships UPS)	21.00 lbs.	903-1 (N)
	D 9031110	Scoop for 9031100/9031105	2.47 lbs.	903-1 (N)
	E 3013658	Polymer Utility Step, Black, 24" L x 21" W x 16" T	14.60 lbs.	523 (N)
	F 9901012	SprayLube 990, 1 Case (12) 15oz. Spray Cans	14.40 lbs.	990 (N)

* Includes retail display case

** Sold in Bags of 10

= Available in Full Color Retail Package

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0091058Z	A8	10033	A2	1492237	K22	1702600	B2	1705150	B3
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0091091	A8	10042	A2	1501110	C1	1702650	B2	1705182	B9
0091097	A8	10045	A1	1501112	C1	1702653	B2	1705183	B9
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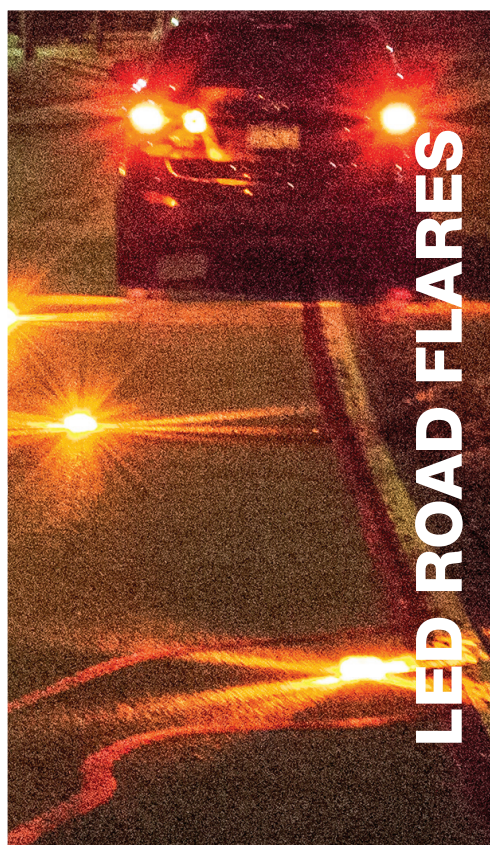
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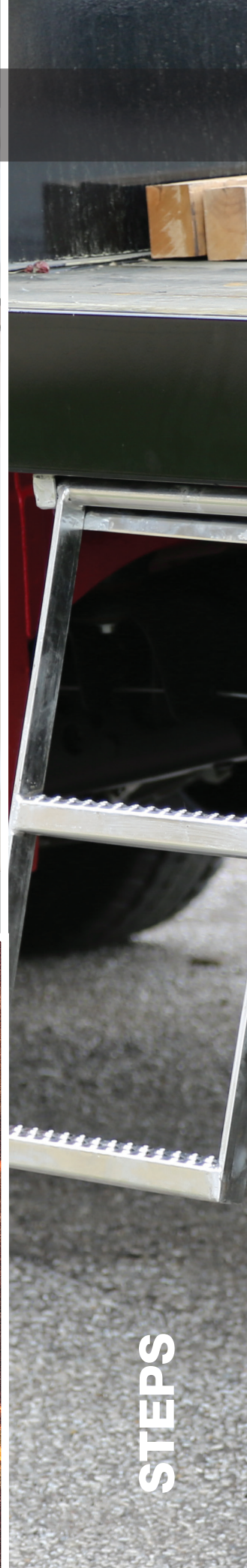
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