

REPLACEMENT PARTS

Contact your MGM Brakes sales representative to find out more about our packaged parts program.



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NOTE: All parts except push-rod assemblies and non-pressure housings are packaged (on a card) or bulk packed in a box. Packaged parts are designated with a “P” suffix and bulk parts are designated with an “X” suffix. See price list for quantity details.

Breather Cap, End Caps & Weatherseal™ Plug Kits



Key	P/N	Description	Used on MGM Models/Sizes
1	9006001	Breather Cap Assembly	All WM, WL and MB
2	9019005	Kit - Weatherseal™ Plug	ALL TR, TR-T, TR-TS sizes except 3036 & 3636
2	9019006	Kit - Weatherseal™ Plug	TR, TR-T, TR-TS sizes, 3036, 3636
3	8206008	End Cap & Retainer	All L-T, MB-T and MG-T



Diaphragms



VMRS 013-004-007

Type	Stroke	P/N	Material	Outside Diameter
9	1.75" (44.5 mm)	8017109	R	5.00" (127.0 mm)
12	1.75" (44.5 mm)	8017112	R	5.50" (139.7 mm)
12	1.75" (44.5 mm)	8017312*	R	5.50" (139.7 mm)
16	2.25" (57.2 mm)	8017116	R	6.00" (152.4 mm)
20	2.25" (57.2 mm)	8017120	R	6.50" (165.1 mm)
20	2.25" (57.2 mm)	8017145	N	6.50" (165.1 mm)
30	2.50" (63.5 mm)	8017730**	R	8.00" (203.2 mm)
30	2.50" (63.5 mm)	8017731**	N	8.00" (203.2 mm)
36	3.00" (76.2 mm)	8017836**	R	9.00" (228.6 mm)
36	3.00" (76.2 mm)	8017840*	R	9.00" (228.6 mm)
16L	2.50" (63.5 mm)	8017216	R	6.00" (152.4 mm)
16LH	2.50" (63.5 mm)	8017215*	R	6.50" (165.1 mm)
20HL3	3.00" (76.2 mm)	8017226	R	7.00" (177.8 mm)
20L	2.50" (63.5 mm)	8017220	R	6.50" (165.1 mm)
20L3	3.00" (76.2 mm)	8017820*	R	6.50" (165.1 mm)
24L	2.50" (63.5 mm)	8017141	R	7.00" (177.8 mm)
24L	2.50" (63.5 mm)	8017224	N	7.00" (177.8 mm)
24L3	3.00" (76.2 mm)	8017425	N	7.00" (177.8 mm)
24L3	3.00" (76.2 mm)	8017924	R	7.00" (177.8 mm)
24L3	3.00" (76.2 mm)	8017926*	R	7.00" (177.8 mm)
30L3	3.00" (76.2 mm)	8017830**	R	8.00" (203.2 mm)
30L3	3.00" (76.2 mm)	8017831**	N	8.00" (203.2 mm)
30L3	3.00" (76.2 mm)	8017839*	N	8.00" (203.2 mm)
30L3	3.00" (76.2 mm)	8017838*	R	8.00" (203.2 mm)

NOTE: (1) Material "R" is natural rubber blend with nylon fabric reinforcement. Use only "R" type diaphragms in extreme cold weather climates. Good to -40° F (-40° C).

(2) Material "N" is neoprene blend with nylon fabric reinforcement.

(*) For use in J - Series models only.

(**) Easy Fit Design

Kit - Release Bolt VMRS 013-004-006



P/N	Services MGM Brakes Model Sizes
9007003	All TR Models except 3036, 3636
9007009	TR3036, TR3636

Clamp Bands



VMRS 013-004-029

Type	P/N (1 Piece)	P/N (2 Piece)
9	8216009	N/A
12	8216012	N/A
16	8216016	8216018
20	8216022	8216020
24	9016024	8216025
30	9016030	8216045
36	N/A	8216036

NOTE: All clamps furnished with nuts and bolts.

NOTE: Product information and specifications subject to change without notice.

S-Cam Protective Boots			VMRS 013-004-031
Key	P/N	Description	
1	9004001	Boot & Retainer S-Cam	
2	9004002	Boot & Retainer S-Cam	
3	8004009	Boot - 1.625" (41.3 mm) Center-Hole	

NOTE:

- (1) MGM P/N 9004001 Kit can only be used with non-pressure chambers (mounting housings) having an embossed bottom essentially shaped like the retaining plate for the boot.
- (2) MGM P/N 9004002 Kit can only be used with MGM Brakes Type 20, 24 & 30 non-pressure chambers (mounting housings) with flat bottoms having 3 equally spaced installation holes for the plastic boot retainer.
- (3) MGM P/N 8004009 is suitable for MGM Brakes type 20, 24, 30 & 36 non-pressure chambers with 1.625" (41.3 mm) center hole and 5/8" (15.9 mm) rod only.

Kit - Center Hole Shield	
9065002	Kit - Center Hole Shield

NOTE: MGM P/N 9065002 Kit is suitable only for MGM Brakes Type 20, 24, 30 & 36 non-pressure chambers. Field installation requires complete disassembly of the service brake chamber.

Kit - Wedge Chamber Boot	
9004005	Kit - Wedge Chamber Boot

Breather Tube & Elbow Kit				VMRS 013-004-044
Key	P/N	Service MGM Brakes Model		
1	9081001	All MGM Brakes model sizes fitted with breather tube.		
2	9081007	MJW1624BT		

Kit - Nuts & Washers (NPC Mounting)	
VMRS 013-004-006	
P/N 9002001	Type 20, 24, 30 & 36
P/N 9002002	M16 - Type 20, 24, 30 & 36
P/N 9002003	Type 12 and 16

Non-Pressure Chamber (With Breather Elbow)	
VMRS 013-004-030	
Type	P/N SAE
12	8215198
20	9015110
20L3H	9015213
20L3	9015238
24L*	9015151
24L3	9015213
30	9015122
30**	9015259
36	9015108

Non-Pressure Chamber (Without Breather Elbow)	
VMRS 013-004-030	
Type	P/N SAE
12	8215142
16	8215023
16L	8215251
20	8215169
20L3H	8215200
24L*	8215105
24L3	8215200
30	8215501
30**	9015260
36	8215036

Vent Hole - Plug
P/N 8019021
Vent Hole

NOTE: Do not plug more than 3 holes in the service chamber (NPC) and never plug any hole facing the road surface or positioned at the lowest point.

NOTE: (applies to NPC Chambers w/breather elbow and w/o breather elbow)

(*) These chamber sizes are heavy-duty weld-reinforced.

(**) 8-Gauge, weld reinforced.

NOTE: Product information and specifications subject to change without notice.

		Welded Yoke Assemblies		VMRS 013-004-018
<p>CAUTION: WELDED YOKE PISTON RODS SHOULD ONLY BE USED IN CONJUNCTION WITH MGM NON PRESSURE CHAMBER.</p>				
			Pins Not Shown	
P/N	Y - Dim	Kit - NP Chamber	Kit - Push-Rod/Welded Yoke	Kit - Chamber Assembly
1427901	2.25" (57.2 mm)	9015907	9075003	8215853
1428901	2.25" (57.2 mm)	9015903	9075002	8215250
1430901	2.25" (57.2 mm)	9015908	9075004	8215501
1431901	2.25" (57.2 mm)	9015904	9075001	8215501
3220951	2.25" (57.2 mm)	9015909	9075005	8215250
3224951	2.25" (57.2 mm)	9015903	9075002	8215250
3225951	2.25" (57.2 mm)	9015901	9075002	9015213
3226951	2.25" (57.2 mm)	9015903	9075002	8215250
3227951	2.25" (57.2 mm)	9015901	9075002	9015213
3230951	2.25" (57.2 mm)	9015904	9075001	8215501
3230955	3.0625" (77.8 mm)	9015919	9075011	8215501
3231951	2.25" (57.2 mm)	9015902	9075001	9015216
3232951	2.25" (57.2 mm)	9015904	9075001	8215501
3233951	2.25" (57.2 mm)	9015902	9075001	9015216
3244951	2.25" (57.2 mm)	9015905	9075001	9015259
3430951	2.25" (57.2 mm)	9015908	9075004	8215501
3430952	4.20" (106.7 mm)	9015916	9075009	8215501
3430955	3.0625" (77.8 mm)	9015918	9075010	8215501
3431951	2.25" (57.2 mm)	9015911	9075004	9015216
3431952	4.20" (106.7 mm)	9015917	9075009	9015216
3432951	2.25" (57.2 mm)	9015911	9075004	9015216
3433951	2.25" (57.2 mm)	9015908	9075004	9015501
3436951	2.25" (57.2 mm)	9015914	9075007	9015262
3437951	2.25" (57.2 mm)	9015915	9075007	9015263
3523951	2.25" (57.2 mm)	9015901	9075002	9015213
3527951	2.25" (57.2 mm)	9015901	9075002	9015213
3531951	2.25" (57.2 mm)	9015911	9075004	9015216
3531952	4.20" (106.7 mm)	9015917	9075009	9015216
3532951	2.25" (57.2 mm)	9015911	9075004	9015216
3532952	4.20" (106.7 mm)	9015917	9075009	9015216
3534951	2.25" (57.2 mm)	9015902	9075001	9015216
3535951	2.25" (57.2 mm)	9015902	9075001	9015216
3625951	2.25" (57.2 mm)	9015912	9075003	9015261
3828951	2.25" (57.2 mm)	9015903	9075002	8215250
3631951	2.25" (57.2 mm)	9015911	9075004	9015216
3832951	2.25" (57.2 mm)	9015904	9075001	8215501
3844951	2.25" (57.2 mm)	9015906	9075001	9015260
MJS3024ET951	2.25" (57.2 mm)	9015910	9075006	9015216
MJS3028ET951	2.25" (57.2 mm)	9015902	9075001	9015216
MJS3030ET951	2.25" (57.2 mm)	9015902	9075001	9015216
MJS3630ET951	2.25" (57.2 mm)	9015913	9075008	9015262

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Yoke Assemblies						VMRS 013-004-026
P/N	A	B	C	D	E	
8292001	2.00" (50.8 mm)	5/8" - 18 UNF	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292002	2.00" (50.8 mm)	5/8" - 18 UNF	5/8" (15.9 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292003	2.00" (50.8 mm)	1/2" - 20 UNF	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292007	2.31" (58.7 mm)	3/4" - 16 UNF	1/2" (12.7 mm)	11/16" (17.5 mm)	1 13/16" (46.0 mm)	
8292008	2.31" (58.7 mm)	3/4" - 16 UNF	5/8" (15.9 mm)	11/16" (17.5 mm)	1 13/16" (46.0 mm)	
8292009*	2.00" (50.8 mm)	5/8" - 18 UNF	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292010	1.88" (47.8 mm)	1/2" - 20 UNF	5/8" (15.9 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292011*	2.00" (50.8 mm)	5/8" - 18 UNF	5/8" (15.9 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292012	1.88" (47.8 mm)	M16 x 1.5-6h	14 mm	14 mm	1 11/16" (42.9 mm)	
8292014	2.31" (58.7 mm)	3/4" - 16 UNF	14mm	11/16" (17.5 mm)	1 11/16" (42.9 mm)	
8292016	1.88" (47.8 mm)	M16 x 1.5-6h	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292017	2.83" (71.9 mm)	5/8" - 18 UNF	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292018	2.83" (71.9 mm)	5/8" - 18 UNF	5/8" (15.9 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292019	2.83" (71.9 mm)	M16 x 1.5 - 6h	14mm	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292020	1.88" (47.8 mm)	5/8" - 18 UNF	14 mm	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292022	2.20" (55.9 mm)	M16 x 1.5 - 6h	14 mm	37/64" (14.7 mm)	1 11/16" (42.9 mm)	
8292023*	1.88" (47.8 mm)	5/8" - 18 UNF	14 mm	9/16" (14.3 mm)	1 3/4" (44.5 mm)	
8292026	2.28" (57.9 mm)	5/8" - 18 UNF	5/8" (15.9 mm)	13/16" (20.6 mm)	1 3/4" (44.5 mm)	
8292028	1.88" (47.8 mm)	M10 x 1.0-6h	1/2" (12.7 mm)	9/16" (14.3 mm)	1 11/16" (42.9 mm)	
8292029	1.88" (47.8 mm)	1/2" x 20 UNF	14 mm	9/16" (14.3 mm)	1 19/64" (32.9 mm)	
8292030	1.88" (47.8 mm)	5/8" - 18 UNF	14 mm	9/16" (14.3 mm)	1 19/64" (32.9 mm)	

NOTE: (*) Stainless steel pin: 1/2" (12.7 mm) dim. 8038007, 5/8" (15.9 mm) dim. 8038008, see other stainless steel pins.

Yoke Pins (Stainless Steel)	
VMRS 013-004-026	
Diameter	P/N
1/2" (12.7 mm)	8038007 (Forged Yoke)
5/8" (15.9 mm)	8038008 (Forged Yoke)
1/2" (12.7 mm)	8038012 (Welded Yoke)
1/4" (6.4 mm)	8038016 (Welded Yoke)



Yoke Assemblies - 2 Pin							VMRS 013-004-026
P/N	A	B	C	D	E	F	
8292031	1.96" (49.8 mm)	5/8" x 18 UNF	1/2" (12.7 mm)	.59" (15.0 mm)	1 1/10" (27.9 mm)	1.30" (33.0 mm)	

Push-Rod Assembly & Nut Kits			
VMRS 013-004-013	Type	P/N SAE	P/N METRIC
	12*	9064018	N/A
	12*	9064010	N/A
	16	9064019	N/A
	20	9064001	9064015
	20L3	9064026	9064036
	24L	9064002	9064016
	24L3	9064006**	9064027
	30	9064003	9064035
30L3	9064008**	9064028	
36	9064004	9064009	

NOTE: (*) Type 12 (p/n 9064018) has a 4" threaded rod, type 12 (p/n 9064010) has an 8" threaded rod.

NOTE: Type 12 and 16 push-rods will provide an approx. 4.00" (101.6 mm) X-dimension when installed with 4.00" (101.6 mm) of 1/2"- 20 UNF threads.

NOTE: Type 20 through 36 push-rods will provide an approx. 8.00" (203.2 mm) X-dimension when installed with 8.00" (203.2 mm) of 5/8"- 18 UNF threads.

NOTE: These assemblies have MGM Brakes "Stroke Alert" markings and must be used only on the designated MGM Brakes units.

NOTE: (**) These assemblies to be used in conjunction with MGM 3-inch (76.2 mm) long stroke units only.

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