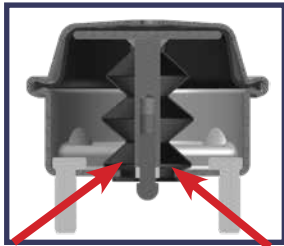


# BUILT TO LAST

# MGM MGM Brakes

## Internal Dust Boot

MGM's durable internal dust boot, a component of all air disc chambers, effectively seals out liquid and solid corrosive contaminants from entering the air disc brake assembly, preventing premature failure of the air disc caliper components.



Stainless Steel Push-Rod/Piston Plate Internal Dust Boot

## Stainless Steel Push-Rod/Piston Plate

MGM is the only manufacturer utilizing internal stainless steel components to eliminate corrosion at the dust boot interface. This feature is optional and available upon request.



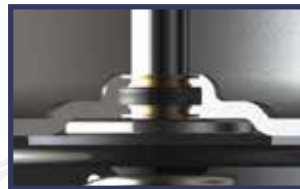
## Non-Pressure Housing

Rugged heavy gauge formed steel "diamond" bottom design. Epoxy-coated for total corrosion protection with welded mounting studs.



## Dual-Thread Release Bolt MJB Models

"Dual-Thread" manual release bolt: a MGM Brakes patented design feature; provides minimal bolt protrusion at maximum release, allowing for installation in tight areas.



## Center-Seal - TRB Models

Multi-lipped, pressure activated seal - MGM Brakes exclusive - molded from specially formulated low temperature-resistant Nitrile Rubber, providing long-term protection against air leaks. Nylon guides eliminate metal to metal contact and premature failure in this critical area.



## External Breather-Tube

Vents air from inside the protected area of the non-pressure chamber to effectively prevent entry of liquid and solid corrosive contaminants that can cause premature failure of the spring brake chamber.

# AIR DISC BRAKE ACTUATORS



*Superior Performance from  
a name you can trust!*

FORM 5080-INT

# MGM Brakes always has a model best suited to meet your needs!

MGM Air Disc Brake Actuators offer the industry an unparalleled variety of models perfect for nearly any application. From our CSB Service Chamber, TRB Double Diaphragm Series and MJB Piston Diaphragm Series, every model provides the advantages you need to maintain braking reliability and longer-life braking performance on today's heavy-duty commercial vehicles.

CSB service chambers offer the ultimate in dependability and long service life with heavy-gauge formed steel components, durable epoxy-coating for reliable corrosion protection and designed to take on the toughest jobs in the harshest environments. Stainless steel push-rod assemblies are also available as an optional feature which eliminates the possibility of corrosion at the push-rod and dust boot interface, providing additional caliper moisture intrusion protection.



CSB

TRB double diaphragm spring brakes offer the added feature of an "External Breather-Tube" that vents air from the inside protected area of the service chamber to effectively prevent entry of liquid and solid contaminants that can cause premature failure of the spring brake chamber; and a heavy-gauge formed steel mounting base, making the TRB model the perfect choice for tough operating environments. Stainless steel push-rod assemblies are also available as an optional feature which eliminates the possibility of corrosion at the push-rod and dust boot interface, providing additional caliper moisture intrusion protection.



TRB

MJB model spring brakes, with their compact design: smaller diameter, and shorter overall height delivers greater stopping and parking-force/output power than double diaphragm actuators of similar size. Featuring the MGM Patented "Dual-Thread Release Bolt" design, the MJB model will fit into tight areas where other spring brakes can't due to protrusion of the typical release bolt. Built for dependable, trouble-free service, the MJB model is ideally suited for severe operations and environments. Stainless steel push-rod assemblies are also available as an optional feature which eliminates the possibility of corrosion at the push-rod and dust boot interface, providing additional caliper moisture intrusion protection.



MJB

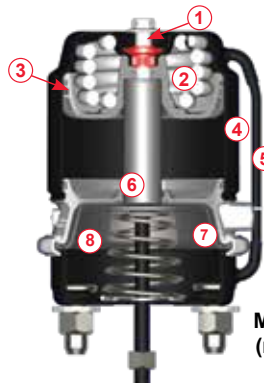
Air disc brakes are virtually impossible to visually inspect (and difficult to diagnose when there is a problem). The MGM e-STROKE® brake monitoring system for disc brakes monitors the proper operation of these hidden brake components and can identify brake problems that cannot be detected by visual inspection. Let MGM e-STROKE® for air disc be your eyes and ears for safety! Contact your MGM Brakes Sales Representative for more information on this innovative product offering to compliment your air disc brakes.

## Air Disc Actuator Product Offering

Popular MGM Service Actuators for Air Disc Brakes			
Size	MGM Model	MGM P/N (SAE)	MGM P/N (Metric)
16	CSB16D	CSB16D051	CSB16D049
18	CSB18D	CSB18D051	CSB18D049
20	CSB20D	CSB20D051	CSB20D049
22	CSB22D	CSB22D051	CSB22D049
24	CSB24D	CSB24D051	CSB24D049
Other part numbers (custom options) available: Call MGM customer service			

Popular MGM Double Diaphragm Parking Actuators for Air Disc Brakes			
Size	MGM Model	MGM P/N (SAE)	MGM P/N (Metric)
1624	TRB1624DT	TRB1624DT051	TRB1624DT049
1824	TRB1824DT	TRB1824DT051	TRB1824DT049
2024	TRB2024DT	TRB2024DT051	TRB2024DT049
2224	TRB2224DT	TRB2224DT051	TRB2224DT049
2424	TRB2424DT	TRB2424DT051	TRB2424DT049
2430	TRB2430DT	TRB2430DT051	TRB2430DT049
Other part numbers (custom options) available: Call MGM customer service			

Popular MGM Piston Diaphragm Parking Actuators for Air Disc Brakes			
Size	MGM Model	MGM P/N (SAE)	MGM P/N (Metric)
1624	MJB1624DT	MJB1624DT051	MJB1624DT049
1824	MJB1824DT	MJB1824DT051	MJB1824DT049
2024	MJB2024DT	MJB2024DT051	MJB2024DT049
2224	MJB2224DT	MJB2224DT751	MJB2224DT049
2424	MJB2424DT	MJB2424DT751	MJB2424DT049
Other part numbers (custom options) available: Call MGM customer service			



MJB2424ET051 (model shown)

- 1. Release Bolt**  
Patented "Dual Thread Bolt" design provides minimal bolt protrusion at maximum release.
- 2. "Long Life" Power Spring**  
Powerful, reliable, non-coil clash design epoxy-coated for maximum corrosion protection.
- 3. Piston Seal and Guide Ring**  
Main seal is molded from low temperature and oil resistant neoprene to provide long term protection against air leaks. Guide ring is "self-lubricating" for long service life.
- 4. Steel Head**  
MGM Brakes "Roll-In" Tamper Resistant design steel head provides high-impact protection and is double-coated for maximum resistance to corrosion.
- 5. External Breather Tube**  
Vents air from the inside protected area of the non-pressure chamber to effectively seal out liquid and solid corrosive airborne contaminants.
- 6. Center Case Push-Rod and Seal**  
Aluminum push-rod surface is hard coat finished. Multi-lipped pressure activated seal retains lubrication to ensure a positive air seal.
- 7. Heavy-Duty Diaphragm**  
Cold weather tested (-40°F/-40°C) natural rubber for long service life and resistance to deterioration.
- 8. Non-Pressure Chamber**  
Heavy-duty 8-gauge heat-fused epoxy-coated steel embossed for added strength.