

# WHO WE ARE...

For 60 years, MGM Brakes has been a leader in commercial vehicle actuator technology, providing service chambers and spring parking brakes engineered to operate in the harshest environments.

In 1956, when heavy over-the-road vehicles, lacking a reliable air-brake backup device, were experiencing air system failures, MGM's founders came up with an innovative solution to this industry safety problem; designing and patenting the first spring parking brake. Their innovation achieved worldwide acceptance as a simple solution to a serious problem that had plagued the transportation industry for decades.

MGM Brakes rapidly progressed from its humble origins to industry-leader status, developing drum and air disc actuators designed to address the operational requirements and varied environments of all segments of the commercial vehicle industry.

Keeping safety at the forefront, MGM began to focus on advanced technologies for the pre-trip inspection. To help with this daily task, MGM designed and patented, e-STROKE®, electronic brake monitoring systems. These systems help with verifying proper brake setup and operation on commercial vehicle drum and air disc brakes, as well as provide continuous real-time brake monitoring on any air brake equipped vehicle.

Whichever MGM Brakes product you select, you'll be getting the best product designed and manufactured by the acknowledged worldwide leader.



**Ron Parker**  
Chairman, President and CEO



6200 Harris Technology Blvd.  
Charlotte, NC 28269  
800-527-1534  
704-547-7411  
mail@mgmbrakes.com

www.mgmbrakes.com



## Our 3036 3.00" Long Stroke Brake Chamber



*Featuring*

- Epoxy coated 10-gauge steel head and 8-gauge NPC base
- Epoxy coated power spring and return spring
- Triple lipped nitrile rubber seal
- Long stroke design
- Corrosion fighter technology
- Center hole diaphragm
- Available in threaded rod or welded yoke
- Welded mounting bolts for durability

# Benefits of our 3036 Long Stroke



- Epoxy coated steel head and NPC base help resist corrosion and early chamber failure
- Epoxy coated power spring & return spring add resistance against breakage
- Triple lipped nitrile rubber seal provides longer center seal life than o-rings
- 3" long stroke adds extra stroke for improved safety
- Corrosion Fighter technology adds a non-metallic composite guide to retard internal corrosion
- Center hole diaphragm aligns piston, diaphragm, power spring and internal push-rod
- Welded yoke is available for replacement on later model vehicles

P/N	Model	Description
3234008	TR3036L3	Piggyback Plus Kit
3234051	TR3036L3	Long stroke 3036 without welded yoke
3234051X	TR3036L3	Long stroke 3036 without welded yoke, bulk pack - 12 pcs.
3234951	TR3036L3	Long stroke 3036 with welded yoke - 2.25"
3234951X	TR3036L3	Long stroke 3036 with welded yoke - 2.25", bulk pack - 12 pcs.
3235008	TR3036L3T	Piggyback Plus Kit
3235051	TR3036L3T	Long stroke 3036 with breather tube
3235951	TR3036L3T	Long stroke 3036 with breather tube and welded yoke - 2.25"
3235951X	TR3036L3T	Long stroke 3036 with breather tube and welded yoke - 2.25", bulk pack - 12 pcs.

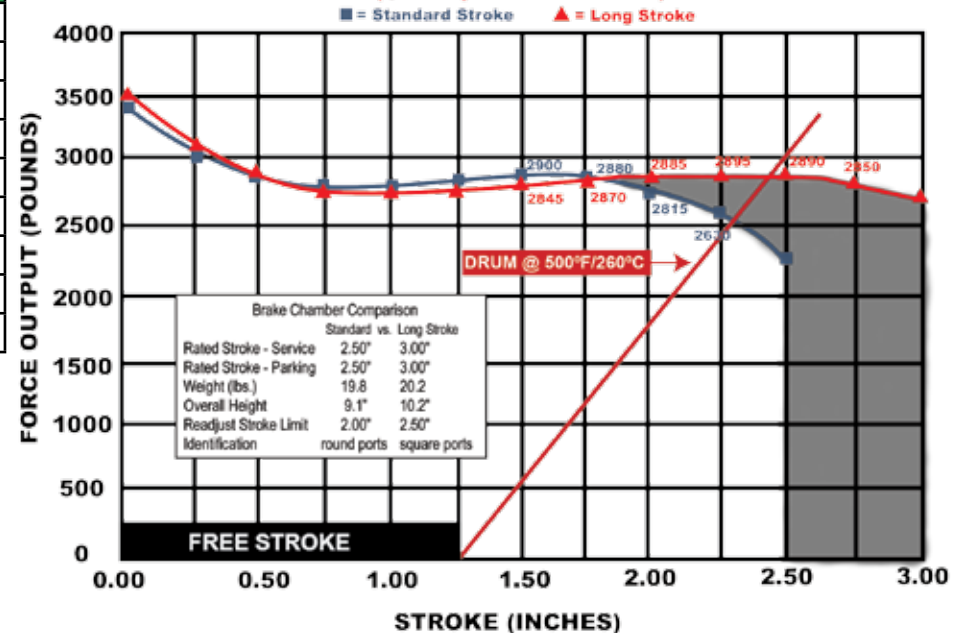
## Cross Reference:

MGM P/N	Haldex	Ranger	TSE
3234008	GP3036L	BPS-3036KLS	N/A
3234051	GC3036L	BTS-3036LS	3036TN3
3234951	GC3036LCW	N/A	N/A
3235008	N/A	N/A	N/A
3235051	N/A	N/A	N/A
3235951	N/A	N/A	N/A

**MGM TR 3-Inch Long Stroke Brakes give you extra stroke for added safety and reliability.**

Elevated brake temperatures represent a huge factor in the loss of braking effectiveness and vehicle tests have proven that even though the brakes may be technically in adjustment, stopping distances are greatly influenced by the increased push-rod stroke that results from high drum temperatures. One sure way to increase the margin of safety for brakes on heavy-duty trucks is to lengthen the push-rod stroke of the actuator. MGM Brakes' family of TR 3-inch Long Stroke chambers can significantly improve braking efficiency and effectiveness by compensating for the heat induced expansion of the brake drum.

**SERVICE BRAKE PERFORMANCE CURVE COMPARISON**  
Standard 30 Spring Brake vs. Long Stroke 30 Spring Brake  
(@ 100 psi Air Pressure)



NOTE: Product information and specifications subject to change without notice. Refer to the MGM Brakes website for latest updated information.

[www.mgmbrakes.com](http://www.mgmbrakes.com)

For more information on MGM Brakes, please contact your local sales representative or customer service at: (800) 527-1534 x6021