

TECHNICAL BULLETIN

SUBJECT: LTS (New Design) & LTR (Prior Design) Interchangeability

MGM Brakes is proud to announce a new brake actuator model which will be available starting in April 2020, the LTS. This new model is an enhanced version of the LTR which is a double diaphragm parking actuator that features a significant reduction in overall height, patented “Corrosion Fighter Technology” and a compact dual thread integrated release bolt. The new LTS actuator includes equivalent function and performance as the LTR model but in a more compact size and with increased durability.

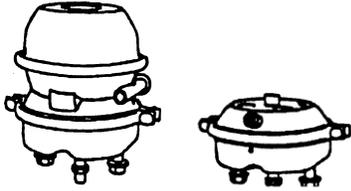
This bulletin provides a comparison of the LTS and LTR models. It is important to understand the similarities when conducting service part selection, inspections and installation.

- The LTS is a fully interchangeable replacement for LTR actuators provided the same chamber size and stroke is selected.
- LTS piggyback spring brake chamber assemblies can be installed on existing LTR non-pressurized chamber (NPC) housings.
- The LTS model has a compact dual thread caging bolt which significantly reduces the overall height of the actuator. The new LTS design will fit within the same installation area as the LTR actuator.
- The LTS model includes an enhanced parking spring design for increased durability.

LTS vs. LTR Parking Brake Comparison					
Model	Spring Chamber Size	Rated Stroke	Volume Displacement @ 100psi	Hold-Off Pressure Req'd.	Spring Brake Force Output @ 1.25 in
LTSXX30ET (New Design)	30	3.0 in [76.2 mm]	108.9 in ³ [1,784.6 cm ³]	68.0 psi [7.5 BAR]	1,607 lbs [7.1 kN]
LTRXX30L3	30	3.0 in [76.2 mm]	108.0 in ³ [1,769.8 cm ³]	68.0 psi [7.5 BAR]	1,525 lbs [6.8 kN]

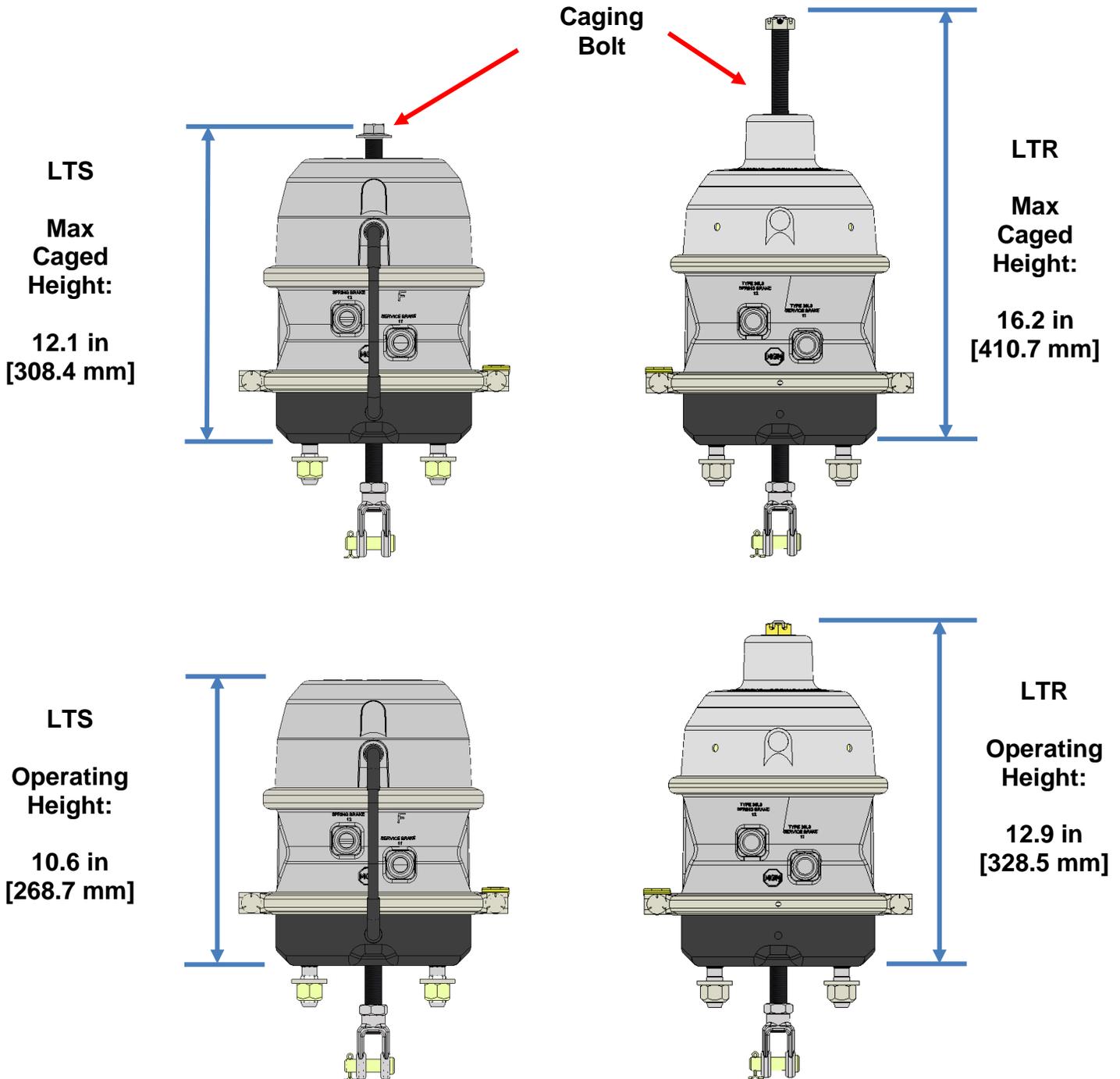
Contact MGM Brakes Customer Service at (800) 527-1534 ext. 6021 for product questions and technical support.

Service bulletins are available on www.mgmbrakes.com



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