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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Spring Chamber Size</th>
<th>Rated Stroke</th>
<th>Volume Displacement @ 100psi</th>
<th>Hold-Off Pressure Req’d.</th>
<th>Spring Brake Force Output @ 1.25 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTSXX30ET (New Design)</td>
<td>30</td>
<td>3.0 in [76.2 mm]</td>
<td>108.9 in³ [1,784.6 cm³]</td>
<td>68.0 psi [7.5 BAR]</td>
<td>1,607 lbs [7.1 kN]</td>
</tr>
<tr>
<td>LTRXX30L3</td>
<td>30</td>
<td>3.0 in [76.2 mm]</td>
<td>108.0 in³ [1,769.8 cm³]</td>
<td>68.0 psi [7.5 BAR]</td>
<td>1,525 lbs [6.8 kN]</td>
</tr>
</tbody>
</table>

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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Caging Bolt

LTS
Max Caged Height: 12.1 in [308.4 mm]

MR
Operating Height: 10.6 in [268.7 mm]

LTR
Max Caged Height: 16.2 in [410.7 mm]

LTR
Operating Height: 12.9 in [328.5 mm]