Automatic Brake Adjuster Maintenance

MEASURE PULL ROD STROKE

The applied stroke of the brake should be checked per CSA guidelines by making a brake application at 60-180 psi maximum pressure. The maximum applied brake rod stroke, as recommended by the spring brake manufacturer, must be at or less than the following:

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Pull Rod Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA1</td>
<td>2-1/4&quot;</td>
</tr>
<tr>
<td>S-ABA</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

How To Measure

Free Stroke is the amount of movement of the brake adjuster arm required to move the brake shoes contact the drum. This is a measurement of the moveability of the foundation brake. Free stroke must be less than .060".

Measure Free Stroke

1. Install the proper adjusting and holding jacks to hold the shoes in retracted position.
2. Set the adjusting pipe to the desired pressure in the retracted position of the adjuster.
3. Rotate the adjusting pipe clockwise to compress the shoes. The shoes are in maximum stroke position when they reach the lights on the brake or service chamber.
4. Rotate the adjusting pipe back to a point just before the shoes contact the drum.
5. The free stroke is measured as the distance from the point just before the shoes contact the drum to the point where the shoes are retracted. This dimension is measured to the face of the brake or service chamber.

SERVICE & LUBRICATION INTERVALS

<table>
<thead>
<tr>
<th>Lubrication Type</th>
<th>Service Intervals</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA1</td>
<td>Every 12 months</td>
<td></td>
</tr>
<tr>
<td>AA2</td>
<td>Every 12 months</td>
<td></td>
</tr>
<tr>
<td>S-ABA</td>
<td>Every 12 months</td>
<td></td>
</tr>
</tbody>
</table>

OPERATIONAL CHECK

- When checking the foundation brake look for:
  - Wear on wheel shims and bushing
  - Wear on brake springs
  - As chambers are repositioned
  - Wear on shims and bushings
  - Zeez wheel bearings

- When checking the adjusting brake look for:
  - Proper push rod
  - Proper push rod
  - Adjuster fully releasing
  - Push rod not released
  - Adjuster fully releasing
  - Push rod not released
  - Adjuster fully releasing

FURTHER ASSISTANCE

Contact the Haldex Technical Department at 800-643-2374 for further assistance.

www.haldex.com

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