Drum Installation

The following instructions are general. For your specific application, follow manufacturer's instructions.

1. Verify that drum is serviceable. Refer to Section 2, page 12.

2. Prior to drum installation, verify proper positioning of shoes, cam rollers, and springs.

3. Verify that slack adjuster has been backed off to allow drum installation.

4. Verify proper lubrication of wheel bearings. Refer to vehicle manufacturer's instructions.

5. Adjust and lubricate wheel bearings. Refer to vehicle manufacturer's instructions.

6. Verify proper drum installation and lack of drum-to-dustshield (if so equipped) interference.

7. Adjust brake. Refer to Section 2, page 13.

8. Perform brake operational check. Refer to Section 2, page 15.

⚠ **CAUTION:** Do not release vehicle without adjusting and verifying proper operation of brakes!

Key Dimensional Specifications

Maximum Anchor Pin Groove Depth:
0.031" *(.79 mm).*

Minimum Lining Thickness:
1/4" *(6.35 mm)* or 1/16" *(1.59 mm)* from rivet heads.

Camshaft End Play (Axial):
0.005"-0.045" *(.13-1.14 mm).*

Camshaft Radial Play-Maximum:
0.020" *(.51 mm).*

Air Chamber Face to Clevis Center:
See page 14.

Maximum Free Stroke: See page 13.

Desired Free Stroke: See page 13.

Key Torque Specifications

Dustshield Attachment Screws:
11-16 lb-ft. *(14.9-21.6 N·m).*

Air Chamber Bracket to Spider Nuts:
65-85 lb-ft. *(88-115 N·m).*

Air Chamber Mounting Nuts:
(7/16-20) Nuts 35-40 lb-ft. *(47.5-54.2 N·m).*

(5/8-18) Nuts 110-115 lb-ft. *(149-156 N·m).*

Lining Bolts/Nuts:
(3/8-16) 170-200 lbs-in. *(19.21-22.6 N·m).*

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EAB 001137

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