

Brake Overhaul

COMPONENT REPAIR / REPLACEMENT

Lining Replacement

1. Remove shoe and lining assemblies. Refer to Section 3, page 17.
2. Using a suitable riveting mandrel, push out old rivets.
3. Clean shoe table. Refer to Section 3, page 19.

CAUTION: Drilling out rivets or cutting off upset head with chisel may cause rivet hole elongation.

4. Inspect to determine if shoe is serviceable. Refer to Section 2, page 8.
5. Verify that replacement lining material conforms to FMSI No. (see chart).

CAUTION: Use of an improper FMSI lining specification or friction material type may cause brake dragging, grabbing, or improper brake performance.

6. Insert the proper size rivets into all holes and hold heads temporarily in place with masking tape.

SPECIAL NOTE: It is important to use rivets of the correct material, shank diameter, length, head size, and shape. Refer to chart on page 22.

7. Begin riveting at the center of each edge of shoe and lining and progress uniformly toward each end.
8. Check installation by trying to insert a .006" (.152 mm) feeler gage between lining and shoe table along edges. It should not be possible to insert the feeler gage in this manner anywhere along the edge with the exception of each end beyond the last row of rivets. A larger clearance may exist in these areas.

Replacement Linings FMSI No. vs. Brake Size

Brake Size	FMSI No.
16-1/2" x 5" (419.1 mm x 127.0 mm)	4223A
16-1/2" x 6" (419.1 mm x 152.4 mm)	4317G
16-1/2" x 7" (419.1 mm x 177.8 mm)	4311J
16-1/2" x 8-5/8" (419.1 mm x 219.1 mm)	4674
18" x 7" (457.2 mm x 177.8 mm)	4527B

