When relining, it is important to review the following check list:

Hydraulic Brakes

☐ **Check Master Cylinder:**
Apply brakes with moderate pedal force. Rebuild or replace if pedal creeps toward floorboard.

☐ **Check Vacuum Booster for Power Assist:**
Apply brakes, pedal should pull toward floorboard when engine is started.

☐ **Check Hoses and Tubing:**
Tighten or replace all hoses and steel tubing fittings which are leaking fluid at their connections. Replace tubing if restricted or deteriorated due to rust.

☐ **Check Wheel Cylinders:**
Rebuild or replace those which show signs of leaking.

☐ **Check Shoe Return Springs:**
Inspect for cracks and stretching. Replace those which are defective, but only in axle sets. (New return springs are recommended).

☐ **Check Brake Adjusters:**
Clean and lubricate brake adjusters for free operation.

☐ **Check Diameter of Brake Drums:**
Machine drums and match with appropriate thickness lining. Discard drum if worn beyond rebore limit cast into drum. Diameter of drums on an axle must not differ by more than .010 inch.

☐ **Check Clearance:**
Lining to drum contact must be in center of shoe. Clearance between lining and drum at ends of shoe must be approximately .010 inch.

Air Brakes

☐ **Check Camshaft Bushings:**
Inspect camshaft bushings. Replace if worn to .020 inch oversize.

☐ **Check Camshaft for Wear:**
Measure cam shaft if worn .010 inch undersize in bushing area, or, if cam face is worn, replacement is necessary.

☐ **Check Spider Anchor Pin Holes:-**
Replace bushings if worn more than .010 inch oversize.

☐ **Check Shoe Rollers for Wear:**
Replace if worn or flat spotted.

☐ **Check Anchor Pins for Wear:**
Replace if worn more than .010 inch undersize.

☐ **Check Diameter of Brake Drums:**
Machine drums and match with appropriate thickness lining. Discard drum if worn beyond rebore limit.

☐ **Check Clearance:**
Lining to drum contact must be in center of shoe. Clearance between lining and drum at ends of shoe must be approximately .010 inch.

☐ **Check Hoses:**
Tighten or replace all hoses which are leaking.

☐ **Check Shoe Return Springs:**
Inspect for cracks and stretching. Replace those which are defective, but only in axle sets. (New return springs are recommended).

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