

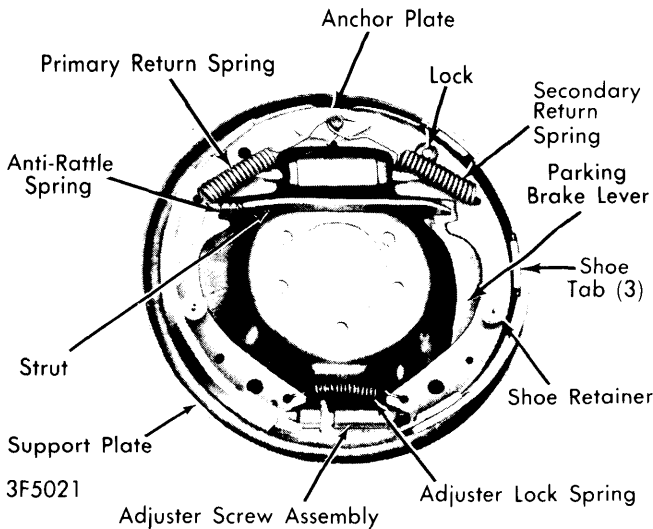
# Brake Systems

## BENDIX SINGLE ANCHOR MANUAL ADJUSTER

Chrysler Corp.

### DESCRIPTION

Brakes are duo-servo type. Each brake assembly consists of one wheel cylinder, two brake shoes, manual adjuster screw (star), parking brake lever and strut, anchor plate, and complementing springs and attaching parts. System is used only on rear wheels. Applicable vehicles have front disc brakes.



SINGLE ANCHOR ASSEMBLY

### SERVICING

#### BLEEDING SYSTEM

See Hydraulic Brake Bleeding in this section.

### SHOE & LINING REPLACEMENT

New lining should be measured and ground .060-.080" (maximum under drum diameter). When replacing shoe and lining assemblies, always check fit in corresponding drum to ensure correct radius grind. This grind should provide at least .004" heel and toe clearance. Brake drum runout should not exceed .006" out-of-round. If drum is not within specifications, drum must be refinished or replaced. **NOTE** - Do not reface more than .060" over standard drum diameter.

**NOTE** - Correct tightening sequence and torque is of utmost importance to prevent brake drum distortion, and provide efficient brake operation. A crisscross tightening sequence should be used. Tighten all nuts to 30 ft. lbs. then repeat sequence, tightening all nuts to 65 ft. lbs.

### ADJUSTMENT

#### MINOR WEAR ADJUSTMENT

Remove adjusting hole cover on backing plate and turn adjusting star to expand shoes. A slight drag should be felt when wheel is rotated.

#### PARKING BRAKE ADJUSTMENT

**NOTE** - Parking brake should be adjusted after wheel brake adjustment. This is to avoid the possibility of the parking brake causing brake drag.

Release parking brake lever and loosen cable adjusting nut until cable is slack. Tighten cable adjusting nut until a slight drag is felt while rotating wheel. Loosen cable adjusting nut until both rear wheels can be rotated freely, then back off cable adjusting nut two full turns. Apply parking brake several times then release and test to ensure wheels rotate freely without dragging.

#### BRAKE PEDAL ADJUSTMENT

No adjustment. Freeplay controlled by stop built into master cylinder.

| BRAKE LINING SPECIFICATION |           |       |        |         |           |           |           |
|----------------------------|-----------|-------|--------|---------|-----------|-----------|-----------|
| Application                | Drum Dia. | Width |        | Length  |           | Thickness |           |
|                            |           | Front | Rear   | Primary | Secondary | Primary   | Secondary |
| All Models                 | 11"       | ..... | 2 1/2" | 9 1/4"  | 12 1/8"   | 3/16"     | 1/4"      |

| BRAKE SYSTEM SPECIFICATIONS |            |                         |        |                 |
|-----------------------------|------------|-------------------------|--------|-----------------|
| Application                 | Drum Diam. | Wheel Cylinder Diameter |        | Master Cylinder |
|                             |            | Front                   | Rear   | Diameter        |
| All Models                  | 11"        | .....                   | 15/16" | 1 1/32"         |