



## JEEP SINGLE ANCHOR – LEVER ADJUSTER (Cont.)

spring. Install actuating lever and adjusting lever. Large end of tapered spring should rest on brakeshoe. Install primary shoe and hold-down spring.

3) Install guide plate on anchor pin, install parking brake strut and spring on brake shoes. Install adjusting screw and spring. Short hooked end of spring goes on primary brake shoe, and long hooked end goes on secondary brake shoe. Install adjuster spring. Install secondary brake shoe return spring on brake shoe and adjuster spring. Install primary return spring.

4) Perform initial brake adjustment by measuring clearance with gauge (J-21107-01). Set clearance specified by gauge and install drum. If gauge is not available, install drum and adjust star wheel adjuster until drum just drags, then back off adjuster until drum turns freely. Test brake operation before moving vehicle. Make final adjustment by making 10 to 15 forward and reverse stops.

**NOTE** – Disengage automatic adjuster with thin bladed screwdriver while making manual adjustment.

### WHEEL CYLINDER

**Removal & Installation** – Disconnect brake line but do not bend it away from cylinder. When cylinder is moved away from backing plate, line will separate easily. Remove cylinder mounting bolts and remove cylinder. To install, reverse removal procedure.

## OVERHAUL

### WHEEL CYLINDER

**NOTE** – Vehicle manufacturer recommends that wheel cylinders NOT be honed.

**Disassembly** – 1) Remove brake shoe links and dust boots. Push pistons, piston cups and expander spring out of bore. Discard piston cups. Clean all cylinder parts with clean brake

fluid or brake solvent. Inspect cylinder bore and piston for pitting, wear or other damage and replace if necessary.

2) Light discoloration may be removed by polishing with crocus cloth only. Polish by rotating cylinder around crocus cloth supported by fingers. DO NOT polish in a lengthwise direction.

**Reassembly** – Lubricate cylinder bore and internal components with brake fluid. Do not lubricate dust boots. Position replacement piston cups on spring expanders and install assembled parts into cylinder bore. Ensure expanders are seated in piston cups and that cups are installed with lips facing each other. Install pistons with flat sides facing interior of bore. Install dust boots and brake shoe links.

### TIGHTENING SPECIFICATIONS

Application	INCH Lbs.
Bleeder Screw	
1/4"-28 .....	40-50
3/8"-24 .....	40-140
Brake Line .....	120-200

Application	Ft. Lbs.
Brake Support Plate	
J20 .....	45-55
All Others .....	35-55

### BRAKE SPECIFICATIONS

Application	Specification
Drum Radial Runout .....	.005"
Maximum Oversize	
11" Drum .....	11.060"
12" Drum .....	12.060"

### BRAKE SYSTEM SPECIFICATIONS

Application	Drum Diam.	Drum Width	Wheel Cylinder Diameter	Master Cylinder Piston Diameter
Cherokee	11"	2"	1 5/16"	1 1/8"
Wagoneer	11"	2"	1 5/16"	1 1/8"
J10	11"	2"	1 5/16"	1 1/8"
J20	12"	2 1/2"	1 1/8"	1 1/8"