

12 BRAKING SYSTEM

- ☐ Make a note of the position and colour of the brake shoe return springs. Remove the springs, using Special Tool No. 64927026, and remove the brake shoe and parking brake lever assemblies.

NOTE: The brake shoe return springs must be renewed at brake reline/overhaul intervals. Discard the old springs.

- ☐ Secure the wheel cylinder pistons with string or a rubber band.
- ☐ Separate the parking brake levers from the shoes.
- ☐ Slacken the lock screws and remove the thrust pad height adjusters from the parking brake levers.
- ☐ Remove the auto-adjust stop plate and remove both auto-adjust assemblies.

Cleaning and Inspection

Clean the brake shoes, drum and backplate assembly, dry cleaning where possible. Use vacuum extraction equipment to remove the brake shoe dust which may contain asbestos particles. Use solvents only where it is necessary to remove oil or grease

contamination. Do **NOT** allow solvents, oil or grease to contaminate the brake linings. Examine the brake shoes, linings and parking lever return springs for damage or wear. Renew or reline the brake shoes if the lining material is contaminated, damaged or worn down to almost the level of the rivet heads.

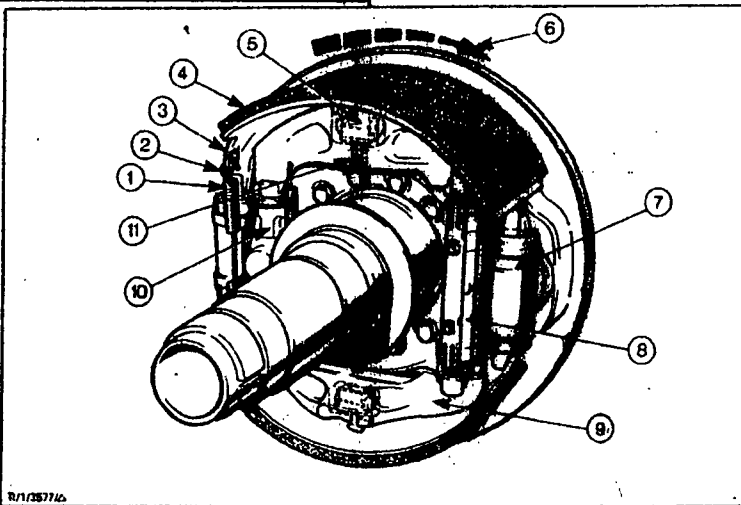
Examine the brake drums for excessive wear, damage, ovality and taper. Renew or repair the drums as necessary.

CAUTION: ALWAYS repair brake shoes or linings in axle sets to avoid uneven braking. If a brake drum is damaged and is repaired by skimming out to oversize, then the other drum of the axle set **MUST** also be made oversize and an axle set of oversize linings fitted.

Examine the wheel cylinders for leaks or damage and renew or overhaul them as necessary.

Examine the adjuster assembly for wear, damage and for correct operation. Overhaul as necessary.

Examine the expander assembly for wear, damage and security to the backplate. Overhaul if necessary.



H2LS Rear Brake Assembly - Auto Adjust Shown

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|-------------------------|----------------------------------|--------------------------------------|
| 1. Return Spring | 5. Thrust Pad | 9. Parking Brake Lever |
| 2. Spring Eye | 6. Direction of Forward Rotation | 10. Parking Brake Expander |
| 3. Spring Locating Hole | 7. Wheel Cylinder | 11. Thrust Pad Height Adjuster Screw |
| 4. Shoe Assembly | 8. Adjuster Housing | |