REMOVAL AND INSTALLATION (Continued)

Removal and Installation

⚠ WARNING: Asbestos fiber dust can be present on brake and clutch assemblies and is hazardous to health if inhaled. Failure to follow these instructions may result in personal injury.

Brake and clutch assemblies must be cleaned using a vacuum cleaner recommended for use with asbestos fibers, such as a Brake/Clutch/Service Vacuum. The bag must be labeled per occupational safety and health act (OSHA) instructions, sealed, and the trash hauler notified as to the bag's contents. Failure to follow these instructions may result in personal injury.

⚠ WARNING: If a vacuum suitable for asbestos is not available, cleaning must be done wet. If dust generation is still possible, technicians must wear government-approved toxic dust purifying respirators. Failure to follow these instructions may result in personal injury.

OSHA requires areas where asbestos dust generation is possible to be isolated and posted with warning signs. Only technicians performing brake or clutch repair are to be present in the area. Failure to follow these instructions may result in personal injury.

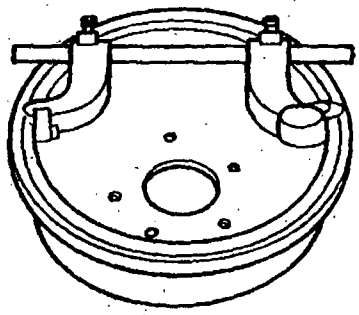
⚠ WARNING: To reduce the possibility of uneven braking, always install new rear brake shoes and linings at both ends of an axle. Failure to follow these instructions may result in personal injury.

NOTE: Make sure that the parking brake control is fully released.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. **⚠ CAUTION: Use of a brake drum puller or a torch is not recommended. Brake drum distortion can result.**

   NOTE: If the brake drum is rusted to the axle shaft pilot diameter, tap the center of the brake drum between the wheel studs.

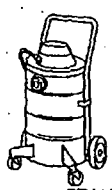
   Remove the brake drum.
3. Using the Brake Drum Micrometer, measure the brake drum inside diameter.
   - Install a new brake drum if the maximum inside diameter exceeds the specification molded on the brake drum.


DH0007-A

4. To install, reverse the removal procedure.
   - Adjust the rear brakes, refer to Brake Shoe Adjustment in this section.

Brake Shoes

Special Tool(s)

 ST1131-A	Brake/Clutch/Service Vacuum 164-R3622 or equivalent

Material

Item	Specification
Silicone Brake Caliper Grease and Dielectric Compound XG-3-A	ESE-M1C171-A