Pads

Removal

1. Raise and support the vehicle. For additional information, refer to Section 100-02.

2. Remove the wheel and tire assembly. For additional information, refer to Section 204-04.

3. **WARNING: Asbestos fiber dust may be present on brake and clutch assemblies and is hazardous to health if inhaled.**

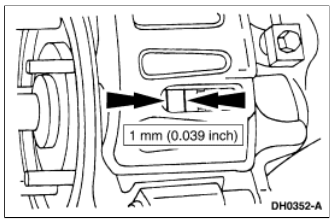
   Brake and clutch assemblies should be cleaned using a vacuum cleaner recommended for use with asbestos fibers such as a brake/clutch/service vacuum. The bag must be labeled per OSHA instructions, sealed, and the trash hauler notified as to the bag's contents.

   If a vacuum suitable for asbestos is not available, cleaning should be done wet. If dust generation is still possible, technicians should wear government-approved toxic dust purifying respirators.

   Occupational health and safety act (OSHA) requires areas where asbestos dust generation is possible to be isolated and posted with warning signs. Only technicians performing brake or clutch repair should be present in the area.

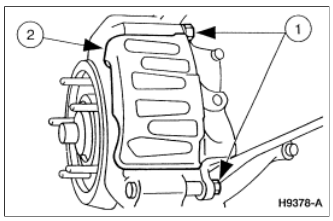
   CAUTION: Install a new pad if it is worn to or past the specified thickness above the metal backing plate or rivets. Install new pads in complete axle sets.

   Inspect the pads for wear or contamination.

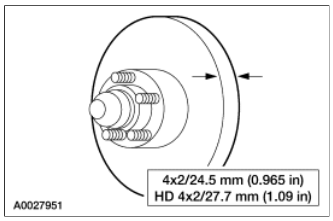


4. **CAUTION: When removing the front disc brake caliper, never allow it to hang from the brake hose. Provide a suitable support.**

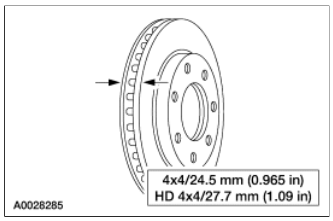
   Remove the disc brake caliper (2B120).
   1. Remove the two disc brake caliper bolts.
   2. Lift the disc brake caliper off the front disc brake caliper anchor plate (2B292).



5. On 4x2 vehicles, measure the brake disc and hub (1102) thickness.
   - Install a new brake disc and hub if not within specification.

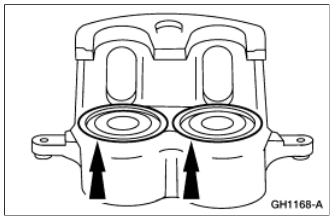


6. On 4x4 vehicles, measure the brake disc thickness.
   - Install a new brake disc (1125) if not within specification.

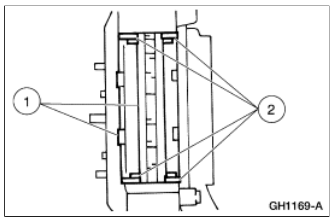


7. If necessary, resurface the brake disc.
   - Ford recommends on-vehicle brake disc machining. Follow lathe manufacturer's instructions.

8. Inspect the disc brake caliper for leaks.
   - If leaks are found, disassembly is required. For additional information, refer to Caliper in this section.



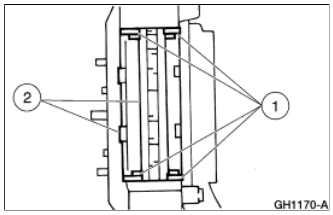
9. Remove the disc brake anti-rattle clips.
   1. Remove the pads.
   2. Remove the disc brake anti-rattle clips.



Installation

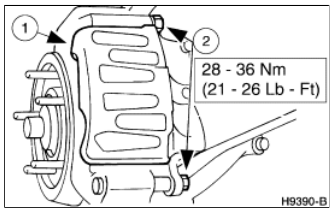
1. **CAUTION: Do not allow grease, oil, brake fluid or other contaminants to contact the pad lining material. Do not install contaminated pads.**

   Install the pads.
   1. Install the disc brake anti-rattle clips.
   2. Install the pads.



2. **CAUTION: Use care not to damage the bleeder screw or front wheel disc brake shield.**

   Install the disc brake caliper.
   1. Install the disc brake caliper.
   2. Install the disc brake caliper bolts.



3. Install the tire and wheel assembly. For additional information, refer to Section 204-04.

4. Check brake operation.