REMOVAL AND INSTALLATION

Brake Pads

Special Tool(s)

<table>
<thead>
<tr>
<th>Rear Caliper Piston Adjuster 206-026 (T87P-2588-A)</th>
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<td>ST1112-A</td>
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Material

<table>
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<tr>
<th>Item</th>
<th>Specification</th>
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<tr>
<td>High Performance DOT 3 Motor Vehicle Brake Fluid PM-1 (Canada CPM-1)</td>
<td>ESA-M6C25-A or WSS-M6C62-A</td>
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<tr>
<td>Metal Brake Parts Cleaner PM-4 (Canada CPM-4)</td>
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Removal

⚠️ CAUTION: Use only specified brake parts cleaner. Use of other cleaners may leave a residue on the brake caliper preventing the brake pads adhesive surface from bonding with the brake caliper.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.

2. Check the brake fluid level in the brake fluid reservoir.
   - If required, remove fluid until the brake master cylinder reservoir is half full.

3. Remove the brake caliper bolts.

4. ⚠️ CAUTION: Do not use the brake caliper sight hole to retract the pistons as this can damage the pistons and boots.
   ⚠️ CAUTION: Do not allow the caliper to hang from the brake hose or damage to the hose can occur.
   ⚠️ CAUTION: Care must be taken when servicing rear brake components without disconnecting the parking brake cable from the brake caliper lever. Carefully position the caliper aside using a suitable support or damage to the parking brake cable end fittings can occur.

   Using hand force and a rocking motion, separate the brake caliper from the anchor plate. Position the brake caliper aside.
   - Support the caliper with mechanic’s wire.

5. ⚠️ CAUTION: When the brake pads are separated from the brake caliper, new brake pads must be installed. The brake pads are one-time use only.

   Remove and discard the brake pads and spring clips from the brake caliper anchor plate.

⚠️ WARNING: Use of any other than approved DOT 3 motor vehicle brake fluid will cause permanent damage to brake components and will render the brakes inoperative. Failure to follow these instructions may result in personal injury.

⚠️ WARNING: Carefully read cautionary information on product label. For EMERGENCY MEDICAL INFORMATION seek medical advice. In the USA or Canada on Ford/Motorcraft products call: 1-800-959-3673. For additional information, consult the product Material Safety Data Sheet (MSDS) if available. Failure to follow these instructions may result in personal injury.

⚠️ CAUTION: Brake fluid is harmful to painted and plastic surfaces. If brake fluid is spilled onto a painted or plastic surface, immediately wash it with water.

⚠️ CAUTION: Do not allow the brake fluid to come in contact with the adhesive backing on the brake pads. If brake fluid is spilled onto the brake pads, new pads must be installed.
6. **NOTE:** Do not remove the anchor plate guide pins. The guide pins are press fit to the brake caliper anchor plate. If the guide pins are damaged a new anchor plate must be installed.

   Inspect the brake caliper anchor plate assembly.
   - Check the guide pins and boots for binding or damage.
   - Install a new brake caliper anchor plate if it is worn or damaged.

**Installation**

1. **NOTE:** To move the piston back into the caliper, the LH piston is turned clockwise and the RH piston is turned counterclockwise.

   **NOTE:** A moderate to heavy force toward the caliper piston must be applied. If sufficient force is not applied, the internal park brake mechanism clutch cone will not engage and the piston will not compress.

   Using the special tool (or equivalent such as OTC tool #7317A), compress the brake caliper piston into the caliper.

2. Clean the residual adhesive from the brake caliper fingers and pistons using the specified brake parts cleaner.

3. **⚠️ CAUTION:** Do not allow grease, oil, brake fluid or other contaminants to contact the brake pad or caliper mating surface. Do not install contaminated pads.

   **NOTE:** Install all the new hardware supplied with brake pad kit.

   Install the new spring clips and brake pads.

4. Position the brake caliper and install the 2 bolts.
   - Tighten to 31 Nm (23 lb-ft).

5. If necessary, fill the brake fluid reservoir with clean specified brake fluid.

6. With the vehicle engine running, apply 89-133 N (20-30 lb) of pressure on the brakes for approximately 1 minute, to make sure the brake pads adhere to the caliper before any contamination can be introduced.

7. Test the brakes for normal operation.