

REMOVAL AND INSTALLATION


Brake Caliper Anchor Plate — 4.6L (3V)


Removal and Installation

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


2. **NOTE:** Loosen but do not remove the 2 brake caliper bolts.

Loosen the 2 brake caliper bolts.

3.  **CAUTION: Do not use the brake caliper sight hole to retract the pistons as this can damage the pistons and boots.**

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

Remove the 2 brake caliper anchor plate bolts and position the brake caliper anchor plate, brake caliper, and brake pads aside.

4.  **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.**

NOTE: The brake pads must be separated from the brake caliper before the brake caliper can be removed from the brake caliper anchor plate.

Using a suitable tool, separate the brake pads from the caliper.

5. Remove and discard the 2 brake caliper bolts.
6. Inspect the brake caliper anchor plate assembly.
 - Check the guide pins and boots for binding or damage.
 - Lubricate the caliper guide pins with the specified grease as necessary.
 - Install a new brake caliper anchor plate if it is worn or damaged.

Installation

1. Position the brake caliper anchor plate on the wheel knuckle and install the 2 bolts.
 - Tighten to 115 Nm (85 lb-ft).
2. Install the 4 new spring clips and the new brake pads into the anchor plate.
3. Clean the old adhesive from the brake caliper piston and fingers using the specified brake parts cleaner.
4. Position the brake caliper on the anchor plate and install 2 new bolts.
 - Tighten to 34 Nm (25 lb-ft).
5. With the vehicle engine running, apply 89-133 N (20-30 lb) of pressure to the brakes for approximately 1 minute, to make sure the brake pads adhere to the caliper before any contamination can be introduced.
6. Test the brakes for normal operation.