

REMOVAL AND INSTALLATION (Continued)

4. Disconnect flexible brake hose from caliper. Remove hollow retaining bolt that connects hose fitting to caliper. Remove hose assembly from caliper and plug hose.
5. Remove caliper locating pins using Torx® Drive Bit D79P-2 100-T40 or equivalent.
CAUTION: Do not pry directly against plastic piston, or damage to piston will occur.
6. Lift caliper off rotor, integral knuckle and anchor plate using rotating motion.

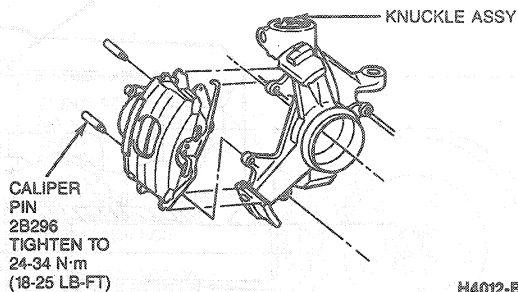
Installation

1. Retract piston fully in piston bore. Position caliper assembly above rotor with anti-rattle spring under upper arm of knuckle. Install caliper over rotor with rotating motion. Ensure inner and outer shoes are properly positioned and outer anti-rattle spring is properly positioned.

Ensure correct caliper assembly, as marked during removal, is installed on correct knuckle. The caliper bleed screw should be positioned on top of caliper when assembled on vehicle.

NOTE: The caliper locating pins must be inserted and threads hand-started.

2. Lubricate locating pins and inside of insulators with Silicone Dielectric Compound D7AZ-19A331-A (ESE-M1C171-A) or equivalent. Install locating pins through caliper insulators and into knuckle attaching holes.
3. Using Torx® Drive Bit D79P-2 100-T40 or equivalent, tighten caliper locating pins to 24-34 N·m (18-25 lb-ft).
4. Remove plug and install brake hose on caliper with new copper washer on each side of fitting outlet. Insert retaining bolt through washers and fittings. Tighten bolts to 41-54 N·m (30-40 lb-ft).
5. Bleed brake system. Refer to Section 06-00. Always replace rubber bleed screw cap after bleeding.
6. Fill master cylinder as required.
7. Install wheel and tire assembly. Tighten wheel lug nuts to 115-142 N·m (85-105 lb-ft).
8. Lower vehicle.
9. Pump brake pedal prior to moving vehicle to position brake linings.
10. Road test vehicle.

**Brake Lining****Tools Required:**

- Torx® Drive Bit D79P-2 100-T40

Removal

Refer to the illustration under Caliper Assembly Installation.

1. Remove master cylinder cap and check fluid level in reservoir. Remove brake fluid until reservoir is half full. Discard removed fluid.
2. Raise vehicle on hoist. Refer to Section 00-02.
3. Remove wheel and tire assembly from rotor mounting face. Use care to avoid damage or interference with caliper splash shield or bleeder screw fitting.
NOTE: It is not necessary to disconnect hydraulic connections.
4. Remove caliper locating pins using Torx® Drive Bit D79P-2 100-T40 or equivalent. Refer to illustration under Caliper Assembly Installation.
5. Lift caliper assembly from integral knuckle and anchor plate and rotor using rotating motion. Do not pry directly against plastic piston or damage will occur.
6. Remove outer shoe and lining assembly from caliper assembly.
7. Remove inner shoe and lining assembly.
8. Inspect both rotor braking surfaces. Minor scoring or buildup of lining material does not require machining or replacement of rotor. Hand-sand glaze from both rotor braking surfaces using garnet paper 100A (medium-grit) or aluminum oxide 150-J (medium).
9. Suspend caliper inside fender housing with wire. Use care not to damage caliper or stretch brake hose.

Installation

CAUTION: Metal or sharp objects cannot come into direct contact with piston surface or damage will result.