

# SECTION 06-03 Brakes, Front Disc

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## VEHICLE APPLICATION

Taurus / Sable.

## DESCRIPTION

**WARNING: BRAKE FLUID CONTAINS POLYGLYCOL ETHERS AND POLYGLYCOLS. AVOID CONTACT WITH EYES. WASH HANDS THOROUGHLY AFTER HANDLING. IF BRAKE FLUID CONTACTS EYES, FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IF TAKEN INTERNALLY, DRINK WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.**

Front disc brakes use pin slider-type caliper assemblies with a 258mm (10.2 inch) composite rotor. The caliper has a plastic piston with a piston seal and a press-in type dust boot (Taurus SHO vehicles and police package equipped vehicles use a steel piston). The caliper is attached to the front suspension knuckle with two Torx®-head locating pins. Rubber insulators isolate the stainless steel locating pins from direct contact with the caliper.

## REMOVAL AND INSTALLATION

### Service Precautions

1. Grease or any other foreign material kept to a minimum on brake surfaces and braking surfaces of pads and rotors. See also the following service operation instructions: (a) to correct steering, brake, and performance, picking or washing of brake lines and rotor.
2. If a brake piston is removed for any reason, piston seal and dust boot must be replaced. Pistons are not to be re-used after piston by protecting them with a cap or with any metal or other rigid objects.
3. During removal and installation in a wheel assembly, a brake shoe or rotor should not be damaged or bent. Check wheels, if bent, for proper fit.
4. Vehicle must be supported on jack stands before servicing any front-end components to avoid bending or changing rotor wheel offset. If an adjustment on hub front or rear wheel is required, refer to Section 06-02.

- a. The LH and RH calipers must be installed on the correct side of the vehicle to be sure correct in the front wheel position for proper trapping of air fluid, the front brake system during bleeding.

### Caliper Assembly

#### Tools Required

- Torx® Torx Bit (T10 or T15)

#### Removal

1. Raise vehicle on jack. Refer to Section 06-02.
2. Remove wheel and tire. A second person may be required to assist in wheel mounting or interference with wheel or tire fitting during removal.
3. Work caliper assembly to ensure it is installed on a wheel hub during installation.