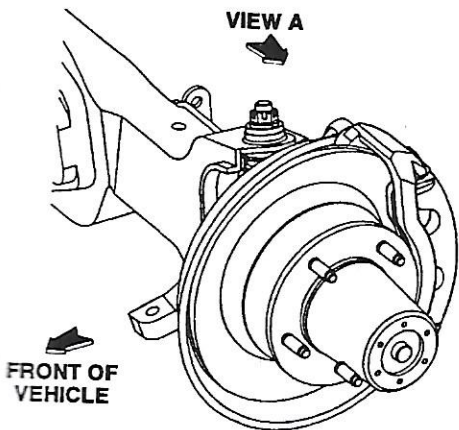
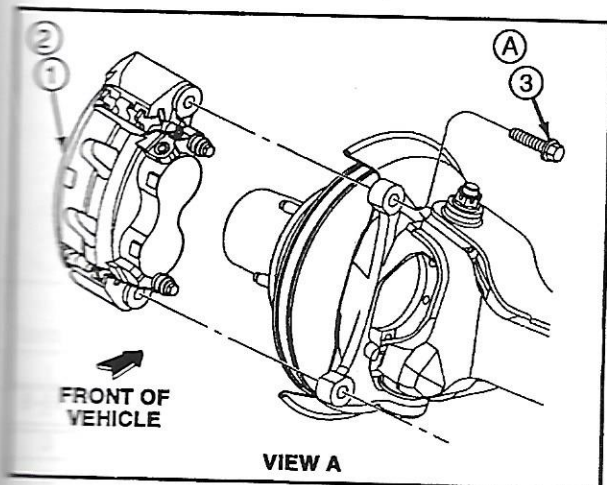


**DESCRIPTION AND OPERATION (Continued)**

**Disc Brake System, F-250 Heavy Duty and F-350 4x4**



**F-250 AND F-350 (F-250 SHOWN)**



**H10367-A**

Item	Part Number	Description
1	2B120	Disc Brake Caliper (RH)
2	2B121	Front Disc Brake Caliper (LH)
3	N807794-S60	Bolt, M16-2.0 x 53
A	—	Tighten to 191-259 N-m (141-190 Lb-Ft)

**Rotor**

For F-250 Heavy Duty and F-350 4x2 vehicles, the front disc brake hub and rotor (1102) is an integrally cast assembly. The F-250 Heavy Duty and F-350 4x4 vehicles and F-Super Duty vehicles utilize separate wheel hubs (1104) and front disc brake rotors (1125), which are bolted together.

**Wheel Hubs and Bearings**

Refer to Section 04-01A or Section 04-01B.

**Rotor Shield**

A front disc brake rotor shield, bolted to the front wheel spindle, protects the bearings and inboard surface of the front disc brake hub and rotor from road splash. The wheel protects the outboard surface of the front disc brake hub and rotor and disc brake caliper.

**Caliper, Heavy-Duty Pin Slider, F-250 Heavy Duty and F-350**

The disc brake caliper is of the pin slider design, with two caliper pistons (2196) on the same side of the front disc brake hub and rotor. The unit consists of a disc brake caliper (2B120), which slides on two pins. The disc brake caliper assembly is bolted to an anchor bracket which is bolted to the front wheel spindle (3105).

The caliper contains the two caliper pistons. The caliper piston and caliper bores are protected by boot seals fitted to a groove in the caliper piston and a groove in the caliper housing. The anchor bracket mounting positions the disc brake caliper rearward over the front disc brake hub and rotor (1102).

**Brake Shoe and Linings**

The ends of the brake shoes and linings (2001) are contained within the spindle. The spindle abutments on each end provide a low drag surface for the pads to slide against. The brake caliper mounts over the top of the pads.

**DIAGNOSIS AND TESTING**

**Brakes, Front Disc**

Refer to Section 06-00.

**REMOVAL AND INSTALLATION**

**Service Precautions**

**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.**