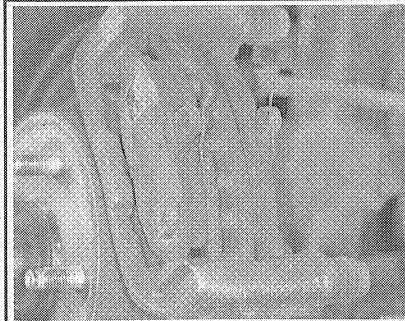


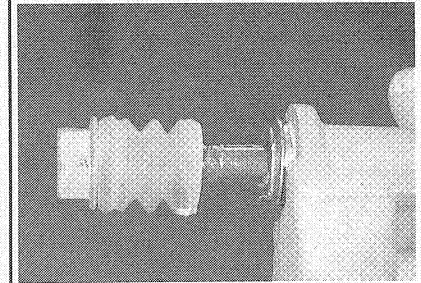
93149P37

**Fig. 20** Removing the lower disc caliper locating pin. This application used a 10 mm box wrench and a 15 mm open end wrench



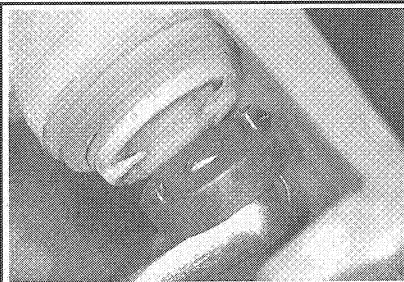
93149P32

**Fig. 21** With the brake caliper removed, you can see the way the brake pads are mounted in the support bracket



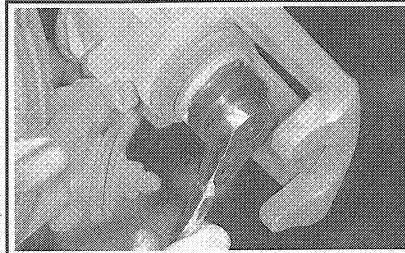
93149P28

**Fig. 22** Replacing the brake pads, is a good time to service the caliper pins. Use a brake grease compound with a silicone base to lube the pins



93149P35

**Fig. 23** The parking brake is built into the rear caliper requiring a special tool for brake installation, the piston has to be twisted into the boot



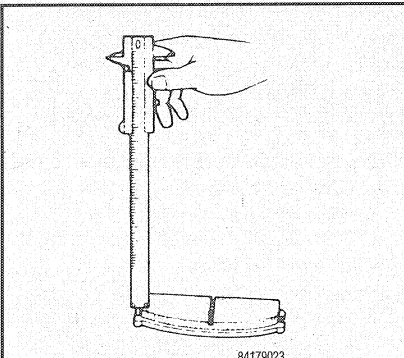
93149P34

**Fig. 24** To collapse the piston back into the caliper, align the two pins in the special tool to the piston's two slots and screw it back in slowly, while applying an inward pressure to the piston



93149P41

**Fig. 25** When the piston is pushed into the piston and seated, be sure the piston's slots are at 6 and 12 o'clock. There are two tabs on the back of the pad that seat in the slots



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**Fig. 26** Checking disc brake pad thickness

19. Lower the vehicle and turn the air suspension on.

## INSPECTION

♦ See Figure 26

Inspect the disc brake pads for oil or grease contamination, abnormal wear or cracking, and for deterioration or damage due to heat. Check the thickness of the pads; the minimum allowable thickness is  $\frac{1}{8}$  in. Always replace the brake pads in axle sets; never replace just one pad of a brake assembly.

## Brake Caliper

### REMOVAL & INSTALLATION

#### Front

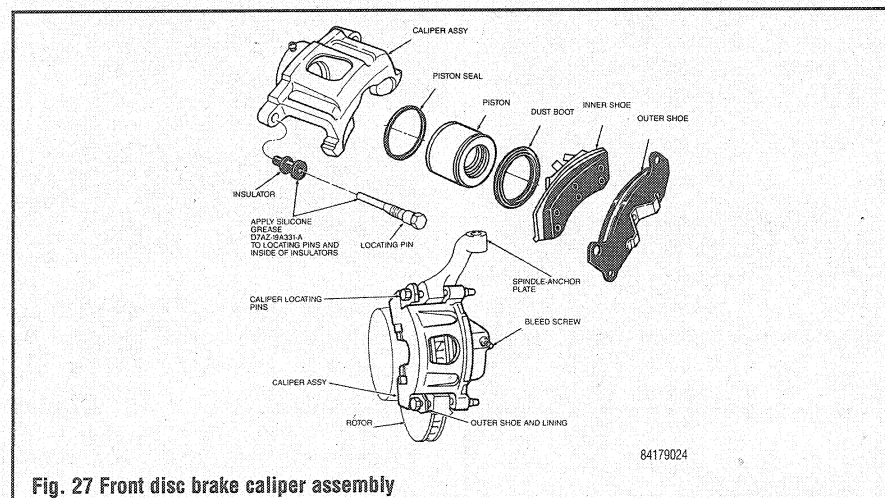
♦ See Figure 27

1. Raise and safely support the vehicle. Remove the front wheel and tire assembly.

2. Loosen the brake line fitting that connects the brake hose to the brake line at the frame bracket. Plug the brake line. Remove the retaining clip from the hose and bracket and disengage the hose from the bracket.

3. Remove the hollow bolt attaching the brake hose to the caliper and remove the brake hose. Discard the sealing washers.

4. Remove the caliper locating pins and remove the caliper. If removing both calipers, mark the right and left sides so they may be reinstalled correctly.



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**Fig. 27** Front disc brake caliper assembly