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Fig. 14 Use a length of wire or an old coat hanger to suspend the caliper. Do not allow the weight of the caliper to hang on the brake hose

ing with a length of wire. Do not let the caliper hang by the brake hose.

To install:

7. Use a large C-clamp and wood block to push the caliper piston back into its bore.

**** WARNING**

Never apply the C-clamp directly to the phenolic caliper piston; damage to the piston may result.

8. Install new locating pin insulators in the caliper housing. Check to see if both insulator flanges straddle the housing holes.

➔ **Do not attempt to install the rubber insulators with a sharp edged tool.**

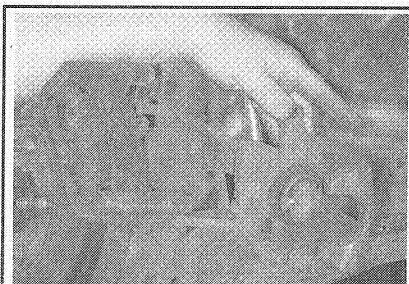
9. Install the inner brake pad in the caliper piston. Be careful not to bend the pad clips in the piston, or distortion and rattles can result.

10. Install the outer brake pad, making sure the clips are properly seated. The outer pads are marked left-hand (LH) and right-hand (RH) and must be installed in the proper caliper.

➔ **Make sure that the large diameter of the pins is through the outer pad hole to prevent possible binding or bending.**

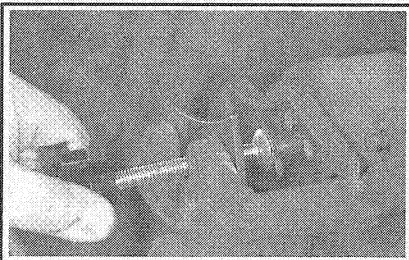
11. Install the caliper over the rotor with the outer brake pad against the rotor's braking surface. This prevents pinching the piston boot between the inner brake pad and the piston.

12. Lubricate the caliper locating pins and the



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Fig. 17 Pull the caliper out of the support bracket and support it. Notice the brake pads stay in the support bracket, they are not attached to the caliper



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Fig. 15 This special collapsing tool is readily available at the local parts store. It will fit many different vehicles. Leave the old shoe in place when collapsing the piston into the caliper

inside of the locating pin insulators with silicone dielectric grease. Install the caliper locating pins and thread them into the spindle/anchor plate assembly by hand.

13. Tighten the caliper locating pins to 45–65 ft. lbs. (61–88 Nm).

14. Install the wheel and tire assembly. Lower the vehicle.

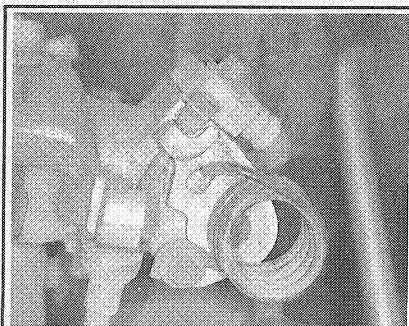
15. Pump the brake pedal prior to moving the vehicle to seat the brake pads. Refill the master cylinder.

16. Road test the vehicle.

Rear

➔ **See Figures 17 thru 25**

1. Turn the air suspension service off.
2. Raise and safely support the rear of the vehicle securely on jackstands.
3. Remove the wheel and tire assembly.
4. Remove the bolt retaining rear brake hose support bracket, where necessary.
5. Remove the retaining clip from the parking brake rear cable an conduit at the rear disc brake caliper.
6. Remove the cable end from the parking brake lever.
7. Remove the upper disc brake caliper-locating pin.
8. Remove the lower disc brake caliper-locating pin.
9. Rotate the rear disc brake caliper away from the rear disc brake rotor.



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Fig. 18 This is the rear caliper with the parking brake cable ready to be unhooked



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Fig. 16 When replacing brakes, make sure to service the caliper pins. Lube the pins with special "brake" grease that has a silicone compound base

10. Remove the inner and outer rear brake shoe and lining assemblies from the rear disc support bracket.

➔ **Unless the tabs on the back of the brake pads are seated in the slots of the piston, and the piston seated in the caliper, the brake pads and the caliper will not fit into the disc support bracket.**

To install:

11. Make sure that one of the two slots in the piston face is positioned so it will engage the nib on the brake shoe.

12. Using the rear caliper piston adjuster rotate the piston clockwise while applying pressure inward, until it is fully seated.

13. Install the inner and outer rear brake shoe and lining assemblies in the rear disc support bracket.

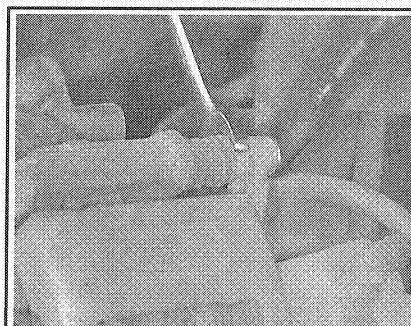
14. Rotate the rear disc brake caliper over the rear disc brake rotor into position on the rear disc support bracket. Make sure that the rear brake shoe and lining assemblies are installed correctly.

15. Remove any residue from the rear brake pin retainer bolt threads and apply one drop of a thread sealer. Install the disc brake caliper locating pin and tighten.

16. Attach the cable end to the parking brake lever. Install the cable retaining clip on the rear disc brake caliper.

17. Position the rear wheel brake hose to the side rail and install the retaining bolt.

18. Install the wheel and tire assembly.



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Fig. 19 Removing the upper disc caliper locating pin, using an open end and a box end wrench