

Fig. 6 View of the rotor and stud assembly

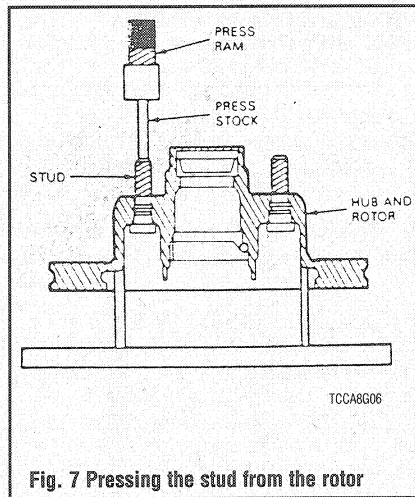


Fig. 7 Pressing the stud from the rotor

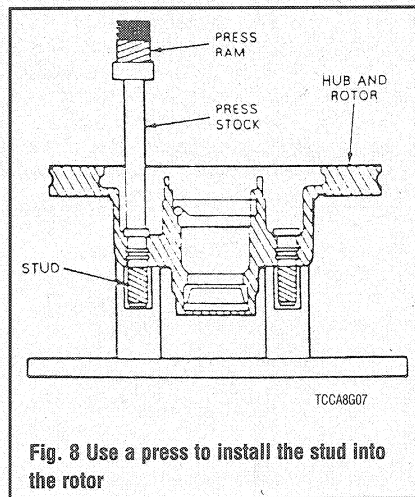


Fig. 8 Use a press to install the stud into the rotor

2. Remove the brake pads and caliper. Support the caliper aside using wire or a coat hanger. For details, please refer to Section 9 of this manual.

3. Remove the outer wheel bearing and lift off the rotor. For details on wheel bearing removal, installation, and adjustment, please refer to Section 1 of this manual.

4. Properly support the rotor using press bars, then drive the stud out using an arbor press.

➡ If a press is not available, CAREFULLY drive the old stud out using a blunt drift. MAKE SURE the rotor is properly supported or it may be damaged.

To install:

5. Clean the stud hole with a wire brush and start the new stud with a hammer and drift pin. Do not use any lubricant or thread sealer.

6. Finish installing the stud with the press **➡ If a press is not available, start the lug stud through the bore in the hub, then position about four flat washers over the stud, and thread the lug nut. Hold the hub/rotor while tightening the lug nut, and the stud should be drawn into position. MAKE SURE THE STUD IS FULLY SEATED, then remove the lug nut and washers.**

7. Install the rotor and adjust the wheel bearings.

8. Install the brake caliper and pads.

9. Install the wheel, then remove the jack-stands, and carefully lower the vehicle.

10. Tighten the lug nuts to the proper torque.

With Drum Brakes

➡ See Figures 9, 10 and 11

1. Raise the vehicle and safely support it with jackstands, then remove the wheel.

2. Remove the brake drum.

3. If necessary to provide clearance, remove the brake shoes, as outlined in Section 9 of this manual.

4. Using a large C-clamp and socket, press the stud from the axle flange.

5. Coat the serrated part of the stud with liquid soap and place it into the hole.

To install:

6. Position about four flat washers over the stud and thread the lug nut. Hold the flange while tightening the lug nut, and the stud should be drawn into position. **MAKE SURE THE STUD IS FULLY SEATED, then remove the lug nut and washers.**

7. If applicable, install the brake shoes.

8. Install the brake drum.

9. Install the wheel, then remove the jack-stands, and carefully lower the vehicle.

10. Tighten the lug nuts to the proper torque.

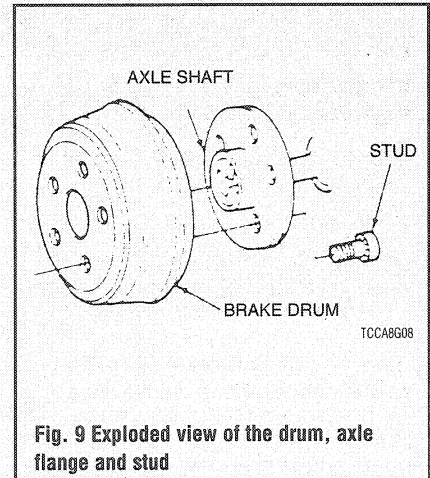


Fig. 9 Exploded view of the drum, axle flange and stud

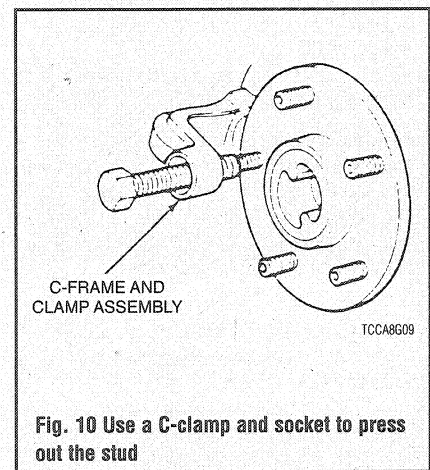


Fig. 10 Use a C-clamp and socket to press out the stud

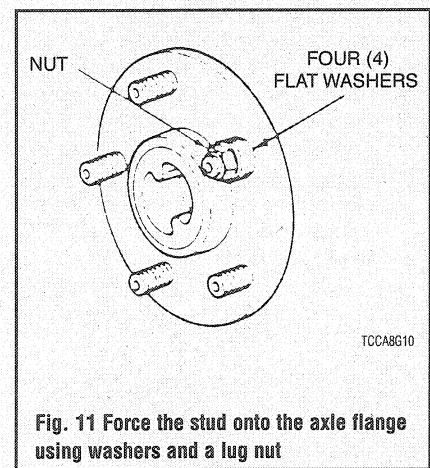


Fig. 11 Force the stud onto the axle flange using washers and a lug nut