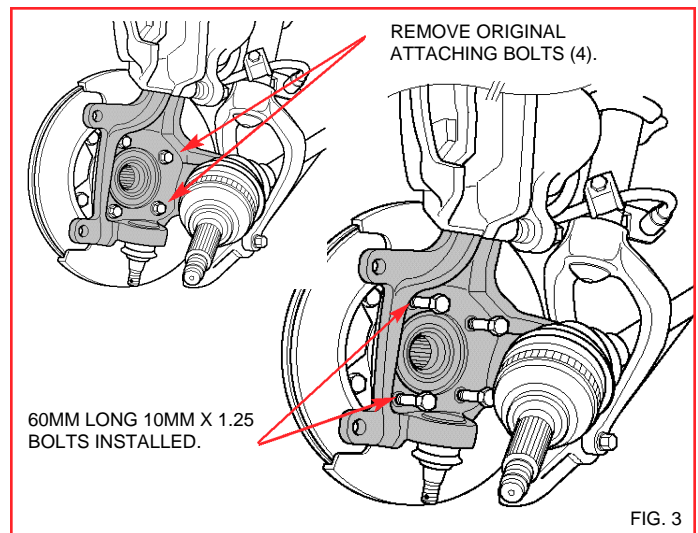
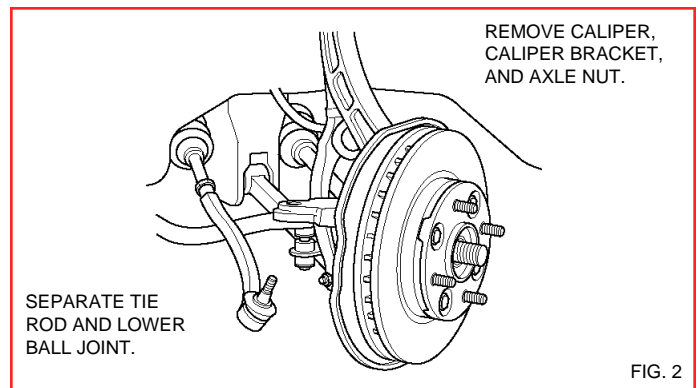
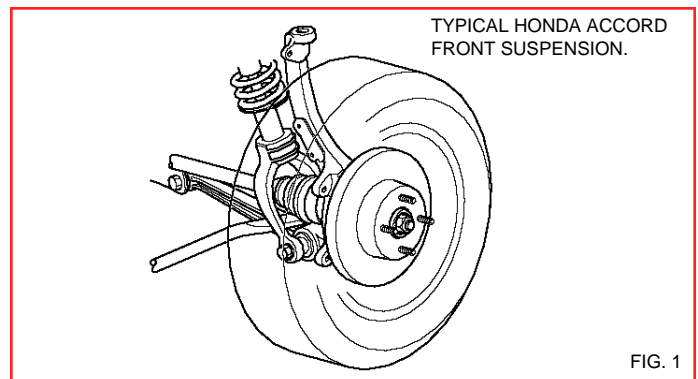


FRONT BRAKE ROTOR REMOVAL 1997-90 HONDA ACCORD

The front hub and bearing assembly must be removed to replace the brake rotor, figure 1. If the vehicle is serviced incorrectly, the bearing maybe damaged. A common removal method that can result in bearing damage is using a slide hammer to separate the hub from the bearing. The effects of a slide hammer can be damaging to the bearing and bearing seal.

To avoid damaging the bearing and seal the hub and rotor should be removed as an assembly from the back side of the knuckle. The Wagner recommended method to service these vehicles is as follows:

- Separate the outer tie rod from the steering knuckle using a suitable taper breaking tool, figure 2.
- Remove the CV axle nut, figure 2.
- Separate the lower ball joint from the lower control arm.
- Remove the caliper and caliper mounting bracket. Support the caliper so no stress is placed on the brake hose.
- Separate the outer CV joint from the hub, figure 3.
- Remove the four bolts holding the hub assembly to the knuckle, figure 3.
- Install four 10mm x 1.25 bolts that are approximately 60mm long in place of the bolts just removed. Thread these bolts in until they lightly bottom out. Use graded bolts if available.
- Use a blunt tip or smoothing hammer attachment in an air chisel to vibrate the bolt heads and work the assembly free. The rotor and



hub will walk out of the knuckle without damaging the bearing, figure 4.

When the hub and rotor are removed from the vehicle, the hub assembly can be easily removed for rotor replacement, figure 5. Note: The hub and bearing do not need to be separated.

The new rotor does not require machining; it is ready to install right out of the box.

To re-install, reverse the previous procedure and use the torque specifications recommended below.

All torque specifications are in foot pounds.

Flange bolts (hub to disc)	40
Flange bolts (steering knuckle to hub) ..	33
Caliper bracket mounting bolt	81
Lower ball joint	37-44*
Outer tie rod	32*
Axle (CV) nut	184
Wheel lug nuts	80

*If the cotter pin hole does not line up with a slot in the castellated nut, tighten the nut to the next slot. Do not back off the nut to align the pin hole.

