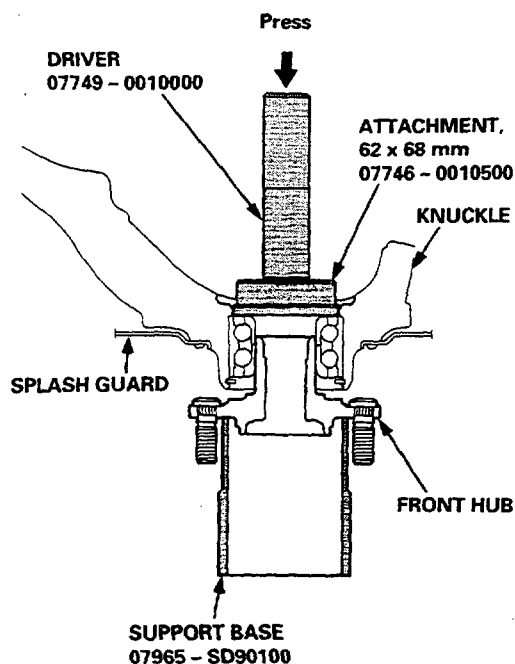


Front Suspension

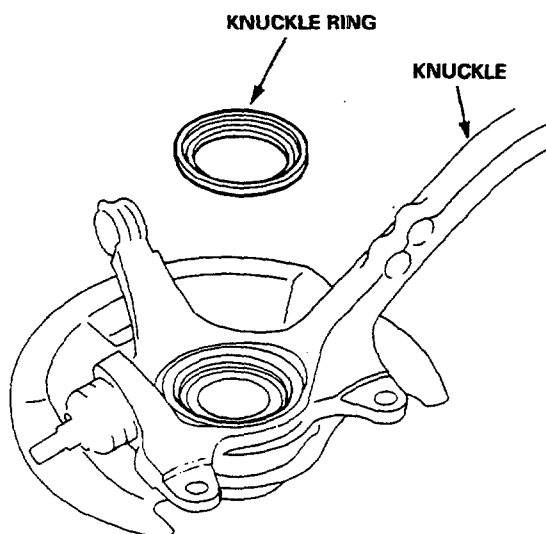
Knuckle/Hub (cont'd)

9. Install the front hub on the knuckle using the special tools and a press as shown.

CAUTION: Take care not to distort the splash guard.



10. Install the knuckle ring on the knuckle.



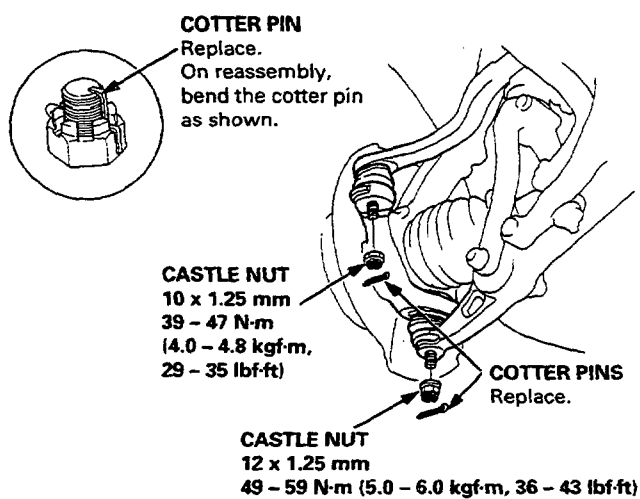
Knuckle Installation

1. Install the knuckle on the driveshaft.
2. Install the knuckle on the lower arm and the tie-rod, then tighten the castle nuts and install new cotter pins.

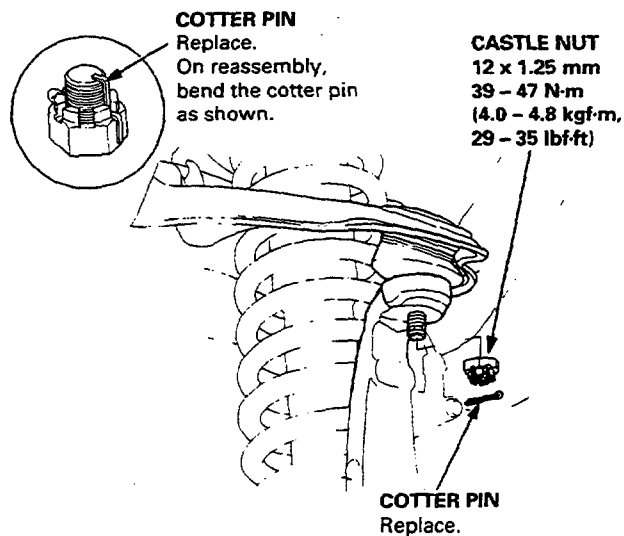
CAUTION:

- Be careful not to damage the ball joint boot.
- Torque the castle nut to the lower torque specification, then tighten it only far enough to align the slot with the pin hole. Do not align the nut by loosening.

NOTE: Wipe off the grease before tightening the nut at the ball joint.



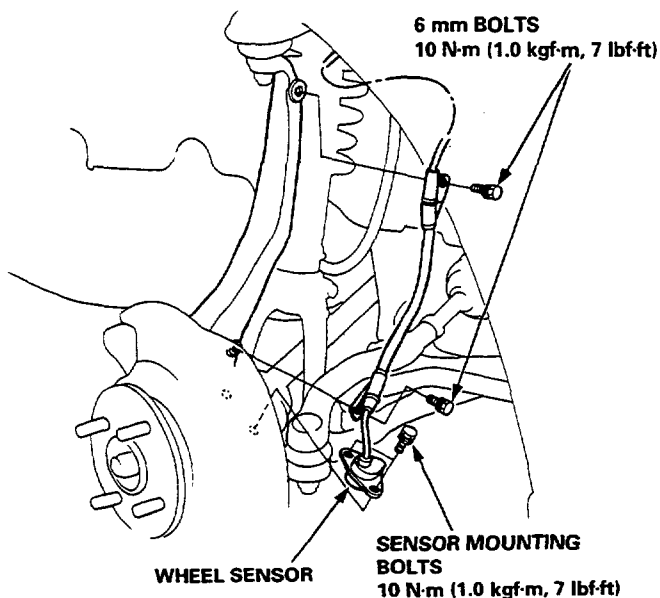
3. Install the knuckle on the upper arm, then tighten the castle nut and install a new cotter pin.





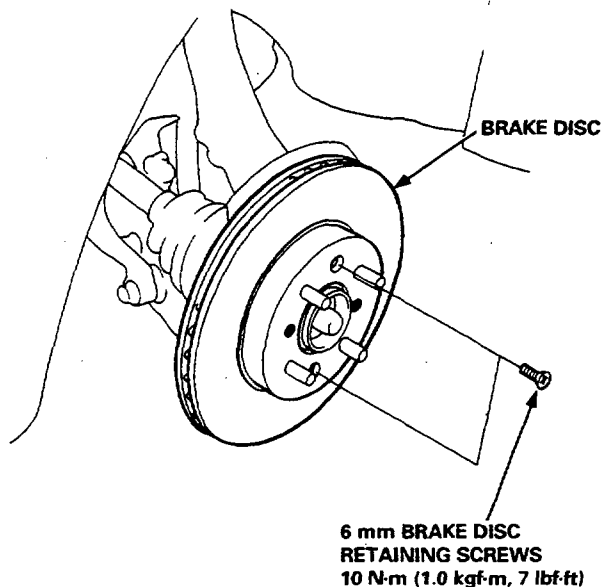
4. Install the wheel sensor with the sensor mounting bolts (for cars with ABS).
5. Install the sensor wire with the two 6 mm bolts (for cars with ABS).

NOTE: Be careful when installing the sensors to avoid twisting wires.



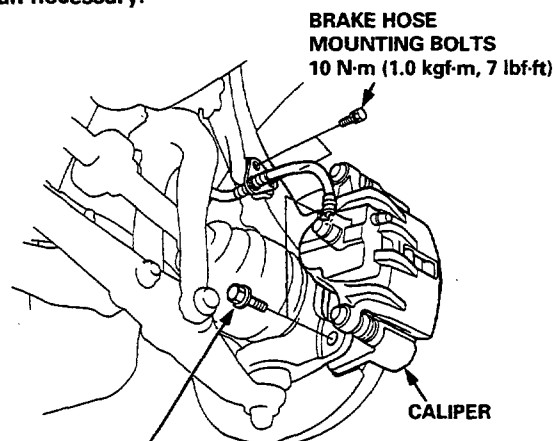
6. Install the brake disc with the 6 mm brake disc retaining screws.

NOTE: Before installing the brake disc, clean the mating surfaces of the front hub and brake disc.



7. Install the brake caliper with the caliper bracket mounting bolts.
8. Install the brake hose with the brake hose mounting bolts.

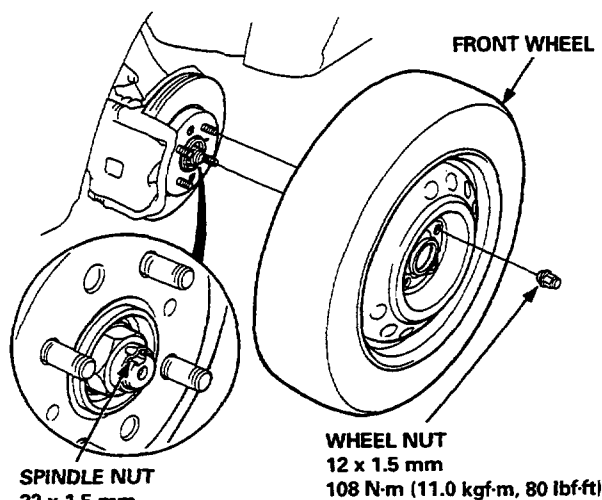
CAUTION: Be careful not to twist the hose more than necessary.



CALIPER BRACKET MOUNTING BOLTS
12 x 1.25 mm
108 N-m (11.0 kgf-m, 80 lbf-ft)

9. Install a new spindle nut, then tighten the nut.
10. Install the wheel with the wheel nuts.

NOTE: Before installing the wheel, clean the mating surfaces of the brake disc and wheel.



Replace.
NOTE: After tightening, use a drift to stake the spindle nut shoulder against the driveshaft.

11. Check the front wheel alignment, and adjust if necessary (see page 18-4).