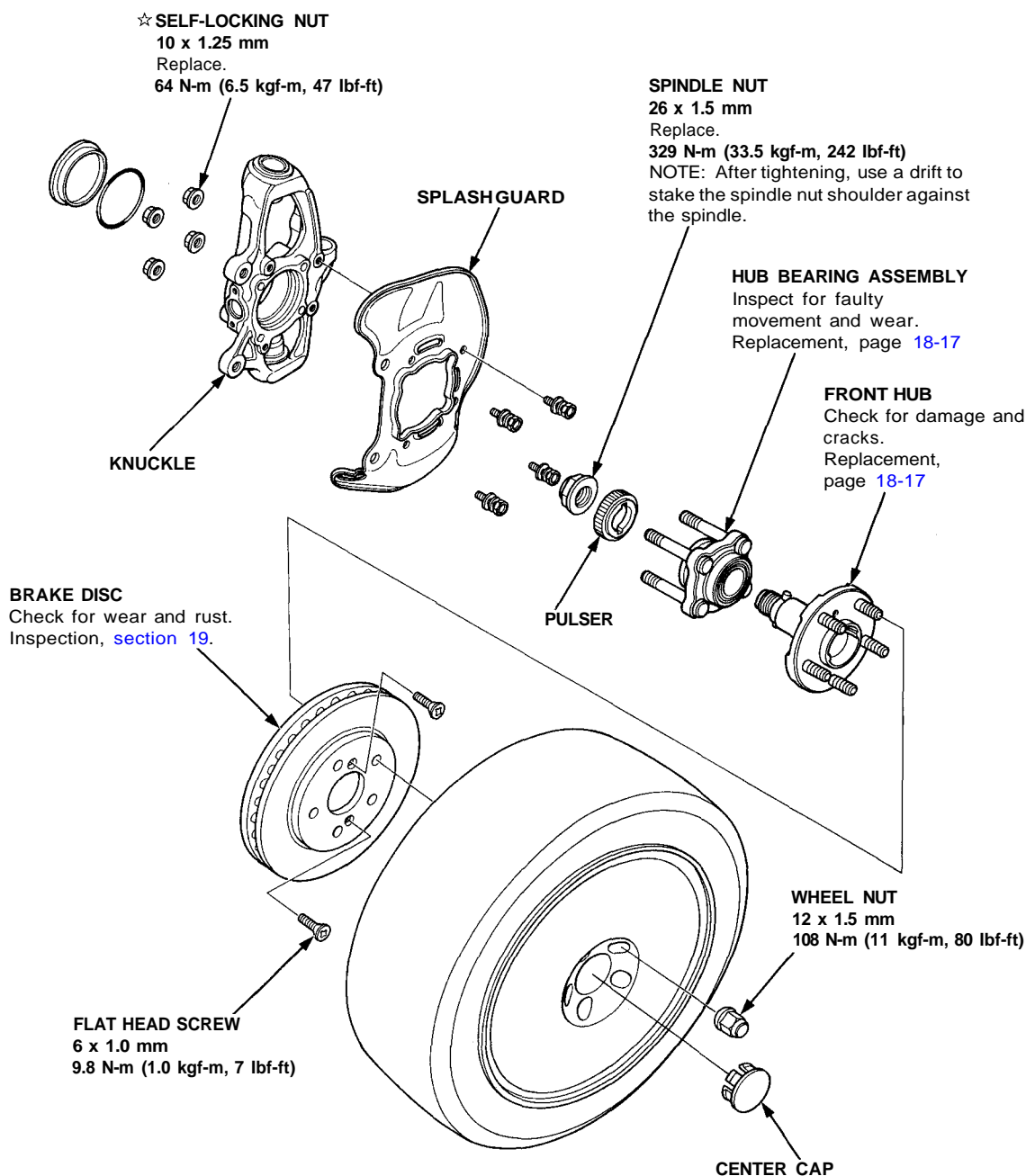


## Hub Replacement

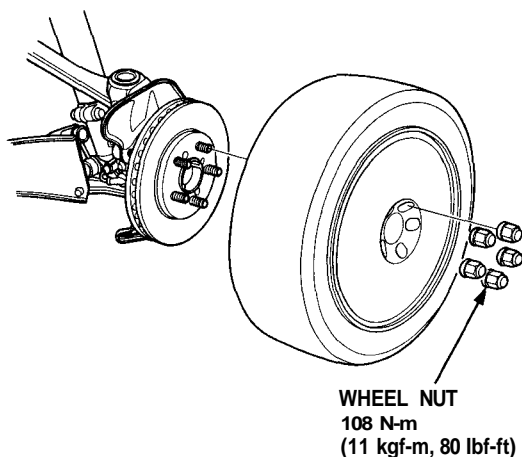


# Front Suspension

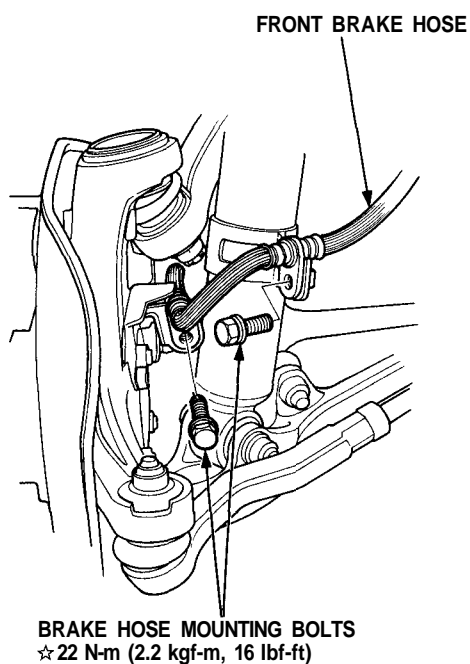
## Hub Replacement (cont'd)

1. Loosen the wheel nuts slightly.
2. Raise the front of vehicle, and support it on safety stands in proper locations (see [section 1](#)).
3. Remove the wheel nuts and wheel.

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



4. Remove the brake hose mounting bolts.

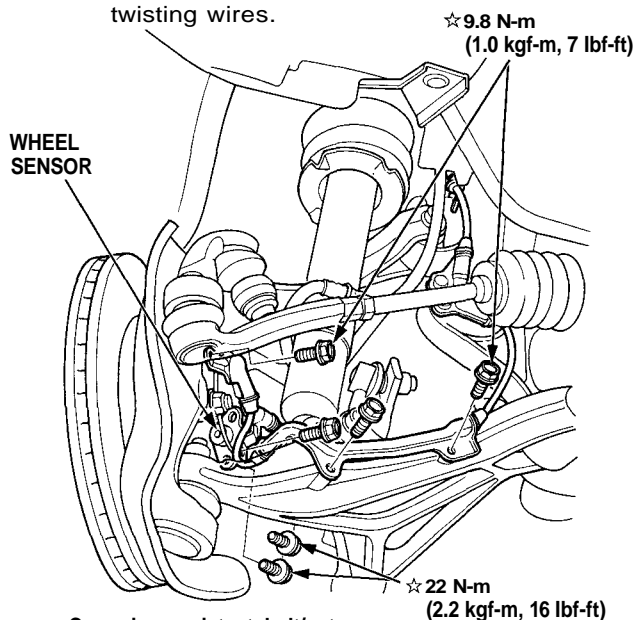


☆: Corrosion resistant bolt/nut

5. Remove the wheel sensor from the knuckle and front lower control arm.

### NOTE:

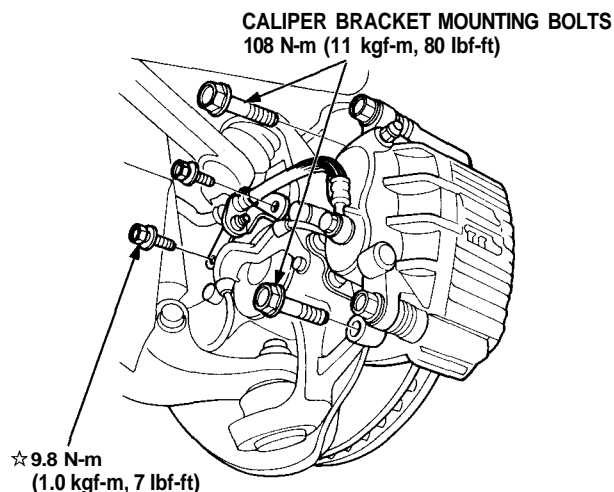
- Do not disconnect the wheel sensor.
- Be careful when installing the sensors to avoid twisting wires.



☆: Corrosion resistant bolt/nut

6. Remove the caliper bracket mounting bolts, and hang the caliper assembly to one side.

**CAUTION:** To prevent accidental damage to the caliper assembly or brake hose, use a short piece of wire to hang the caliper assembly from the undercarriage.

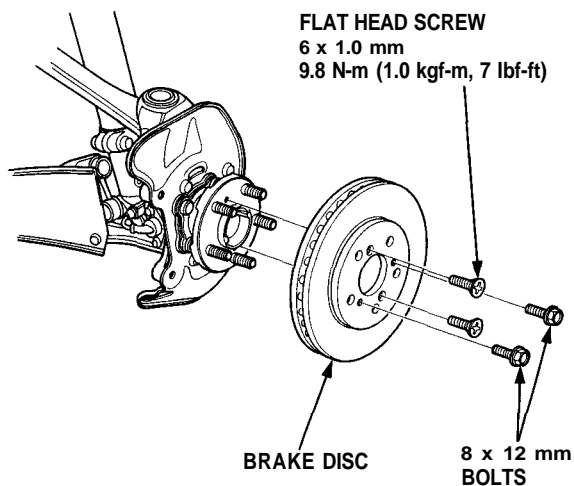


☆: Corrosion resistant bolt/nut

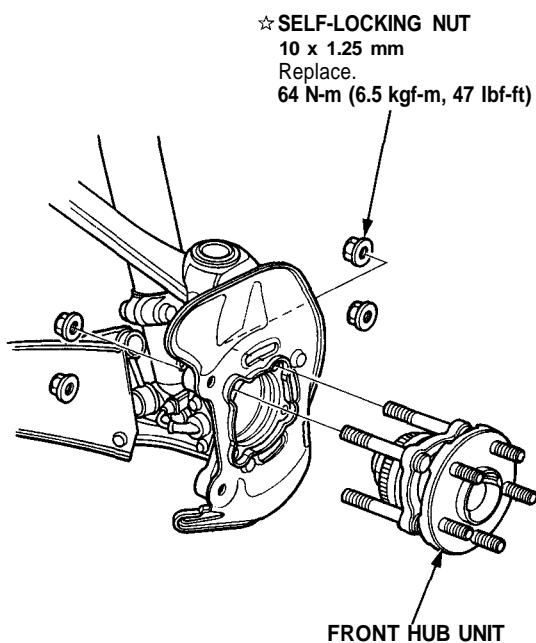


7. Remove the flat head screws. Install two 8 x 12 mm bolts into the disc to push it away from the hub.

NOTE: Turn each bolt two turns at a time to prevent cocking the disc excessively.



8. Remove the hub unit from the knuckle.



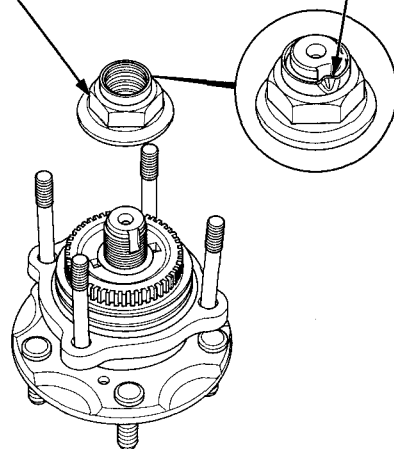
☆: Corrosion resistant bolt/nut

### Front Wheel Bearing Replacement:

1. Raise the locking tab on the spindle nut, then remove the nut.

SPINDLE NUT  
26 x 1.5 mm  
Replace.

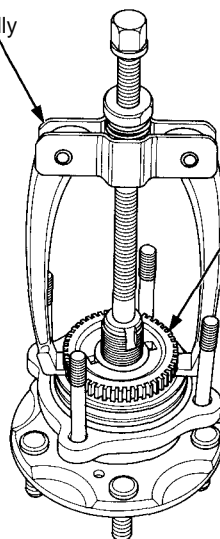
Unstake



2. Remove the pulser using a two-jaw puller.

TWO-JAW  
PULLER  
(Commercially  
available)

PULSER



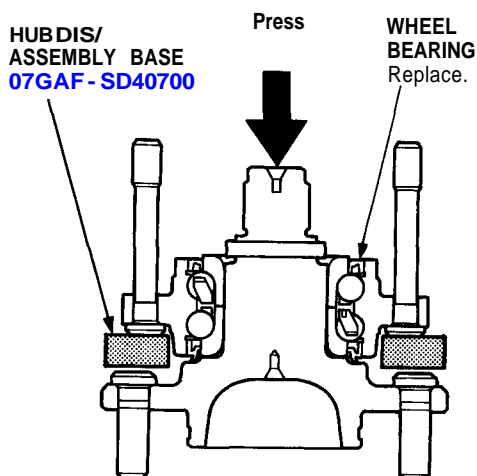
(cont'd)

# Front Suspension

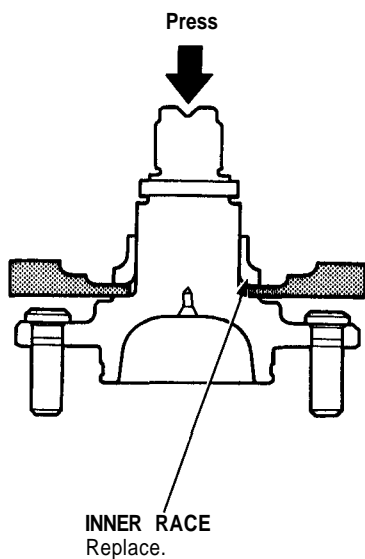
## Hub Replacement (cont'd)

3. Separate the wheel bearing from the hub using the special tools and a press.

**CAUTION:** Hold onto the hub to keep it from falling when pressed clear.



4. Remove the outboard bearing inner race from the hub as shown.

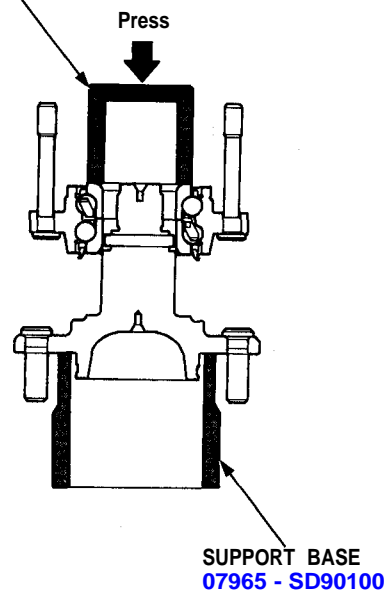


**NOTE:** Wash the bearing and hub thoroughly in high flash point solvent before reassembly.

**NOTE:** Replace the bearing with a new one after removal.

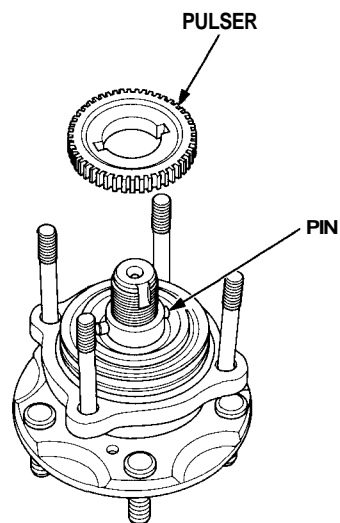
5. Press a new wheel bearing into the hub using the special tools shown and a press.

**HUB ASSEMBLY  
DRIVER ATTACHMENT  
07GAF - SD40200**



6. Install the pulser.

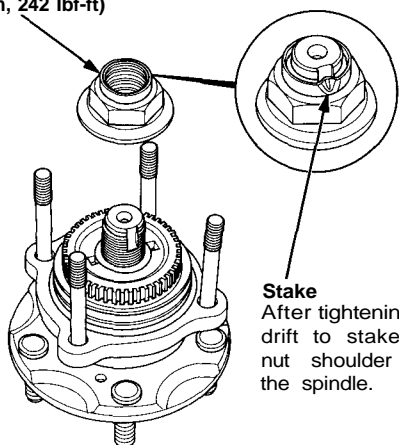
**NOTE:** Be sure the pulser engages with the pin on the spindle.





7. Tighten the new spindle nut to specified torque, then stake the spindle nut shoulder against the spindle.

329 N-m  
(33.5 kgf-m, 242 lbf-ft)



**Stake**  
After tightening, use a drift to stake spindle nut shoulder against the spindle.