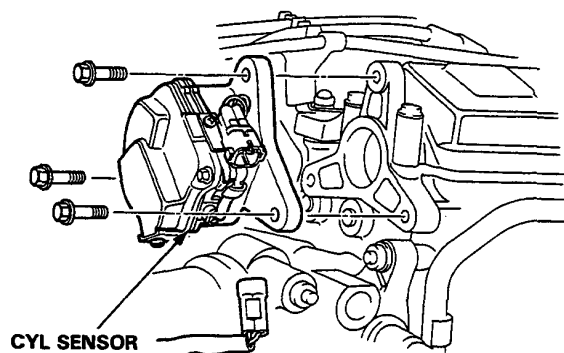




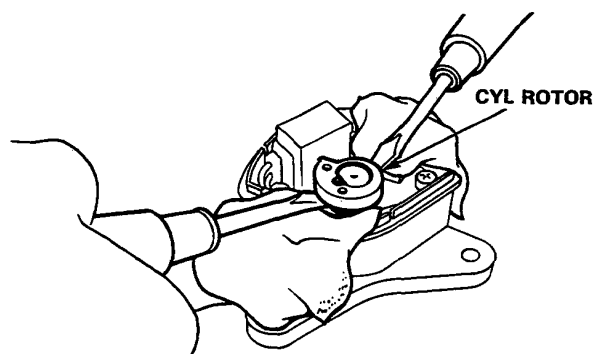
## CYL Sensor Overhaul

### Disassembly:

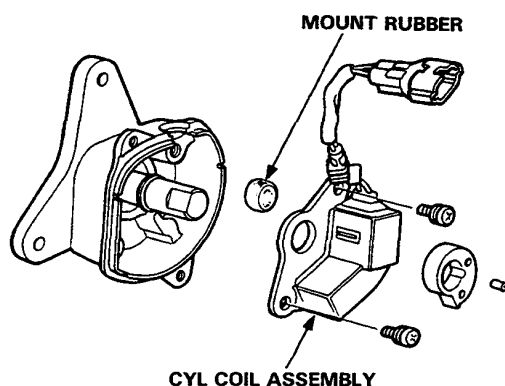
1. Remove the CYL sensor from the engine.



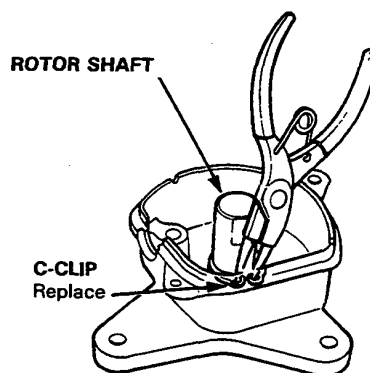
2. Carefully pry up the CYL rotor by using two screwdrivers as shown. Do not damage the CYL rotor.



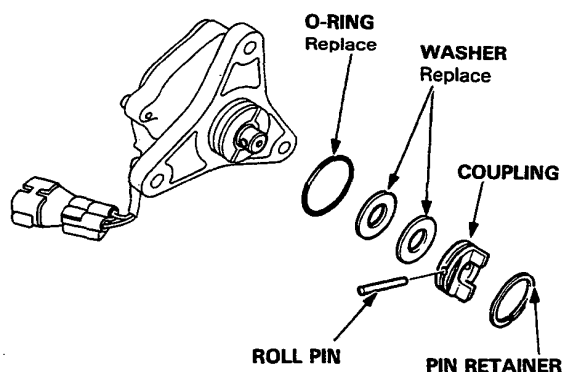
3. Pull the CYL coil assembly and mount rubber out from the sensor housing by removing the screws.



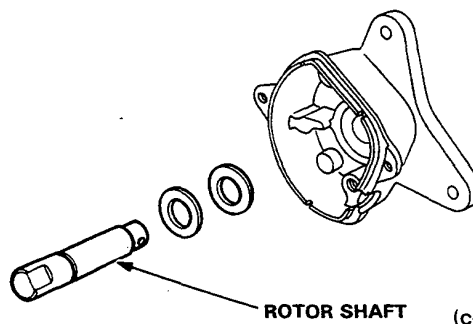
6. Remove the C-clip.



7. Slide off the pin retainer being careful not to stretch it.
8. Separate the coupling from the shaft by removing the roll pin as shown.



9. Remove the rotor shaft.



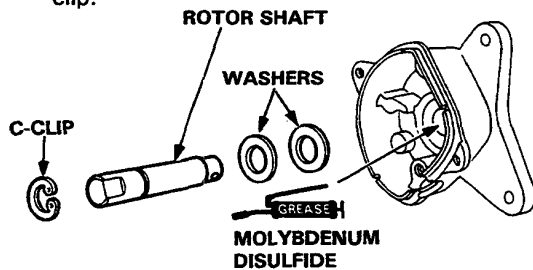
(cont'd)

# PGM-FI Control System

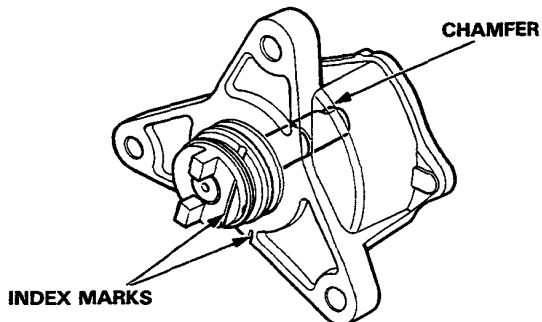
## CYL Sensor Overhaul (cont'd)

### Reassembly:

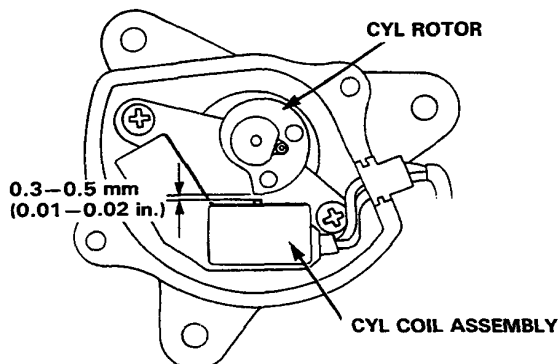
1. Apply molybdenum disulfide grease to the sensor housing, install the washers on the rotor shaft, then install it in the sensor housing. Install a new C-clip.



2. Install the coupling with its index mark facing in the direction shown, install the pin, and install the pin retainer.

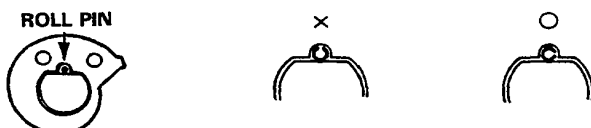


3. Install the mount rubber, then install the CYL coil assembly and the CYL rotor. Adjust the air gap to 0.3–0.5 mm (0.01–0.02 in.).



#### NOTE:

- Install the rotor with the part number facing up.
- Install the roll pin so that it faces as shown below.



### Installation:

1. Install a new O-ring on the sensor housing.
2. Slip the sensor into the position.

NOTE: The lugs on the end of the sensor and its mating grooves in the camshaft end are both offset to eliminate the possibility of installing the sensor 180° out of time.

