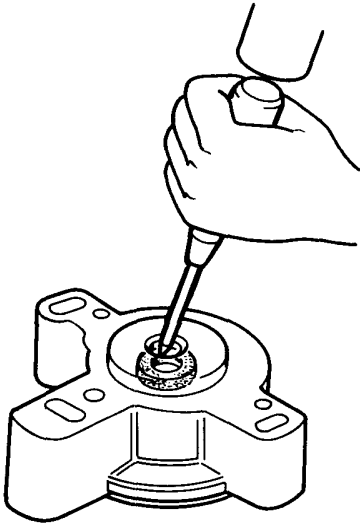


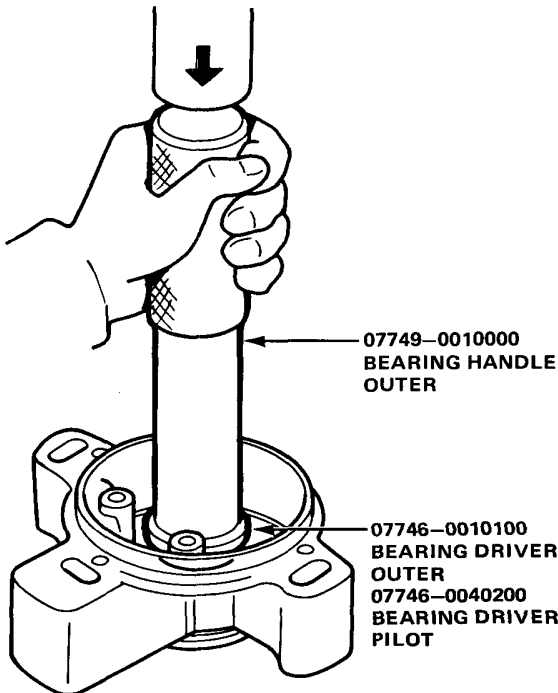
Crank Angle Sensor

Oil Seal Replacement

1. Drive out the oil seal.



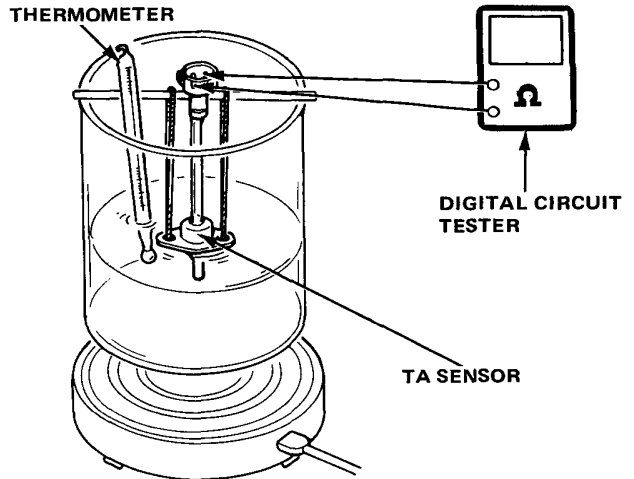
2. Drive the new oil seal into the sensor housing using special tools.



TA Sensor

Testing

1. Disconnect the connector and remove the TA sensor from the intake manifold.
2. To test a TA sensor, suspend it in cold water and heat the water slowly.
3. Measure resistance between the terminals.



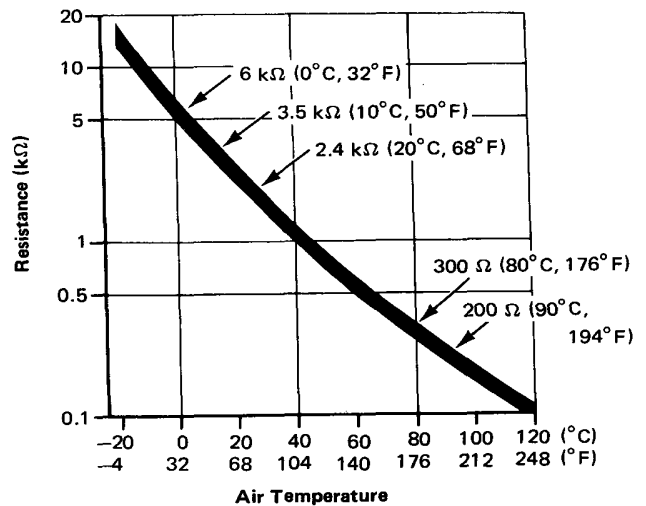
Resistance should be:

2–3.2 K Ω at 20°C (68°F)

0.22–0.35 K Ω at 80°C (176°F)

- If resistance is outside above ranges, replace TA sensor.

The chart below shows the change in resistance over a range of coolant temperatures.



NOTE: Don't let the TA sensor touch the bottom of the container.