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The target magnet has locating dowels that fit into machined locating holes in the end of the camshaft.

1. Install target magnet in end of camshaft. Tighten mounting screw to **3 N.m (30 in. lbs.)** torque. Over torquing could cause cracks in magnet. If magnet cracks replace it.
2. Install camshaft position sensor. Tighten sensor mounting screws to **13 N.m (115 in. lbs.)** torque.
3. Carefully attach electrical connector to camshaft position sensor. Installation at an angle may damage the sensor pins.
4. Connect the PCV Valve hose.
5. Connect the negative battery cable.