

**CMP SENSOR**

- CMP sensor detects crankshaft TDC (Top Dead center) position and cylinder number.
- CMP sensor consists of the any projection shape reluctors on the pulsar rotor and sensor which includes permanent magnet and pick up coil.
- When the reluctor passes over the sensor as the camshafts rotates, changes in the magnetic flux occur in the pickup coil. Sensor detects the changes, converts them to pulse voltages and send to the ECM.

SYSTEM DIAGRAM

① CMP sensor connector (Wire side)

② ECM connector (Wire side)

① CMP sensor connector (sensor side)

