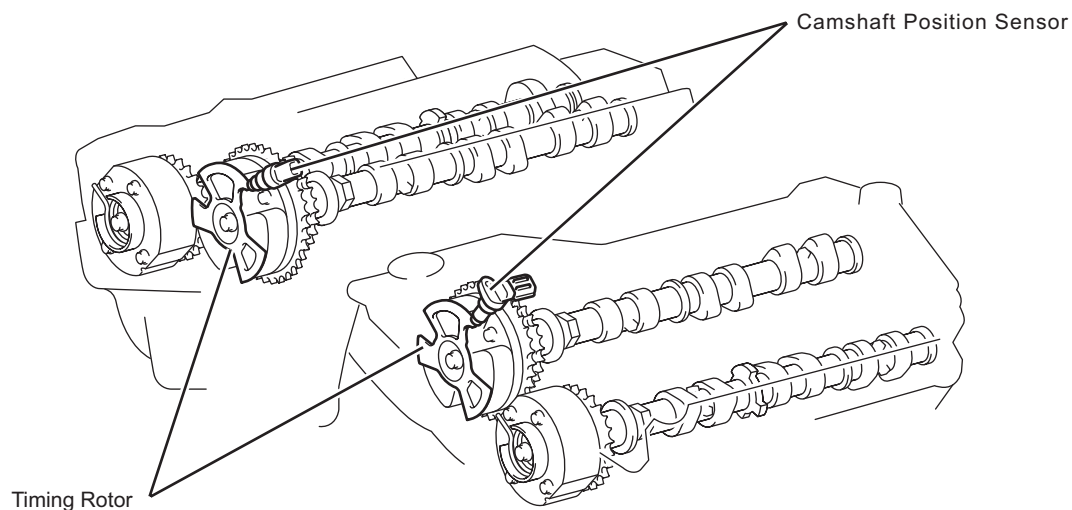


Camshaft Position Sensor

- These sensors are the MRE (Magnetic Resistance Element) type. The rotational movement of the timing rotor (which is provided in the VVT-i controller of the intake camshaft) causes a magnetic field to act on the magnetic resistance element in the sensor. The sensor utilizes the changes that occur in the direction of the magnetic field to detect the position of the timing rotor, which determines the position of the actual camshaft. The cylinders are identified by the input sequence of the Ne and G2 signals.



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