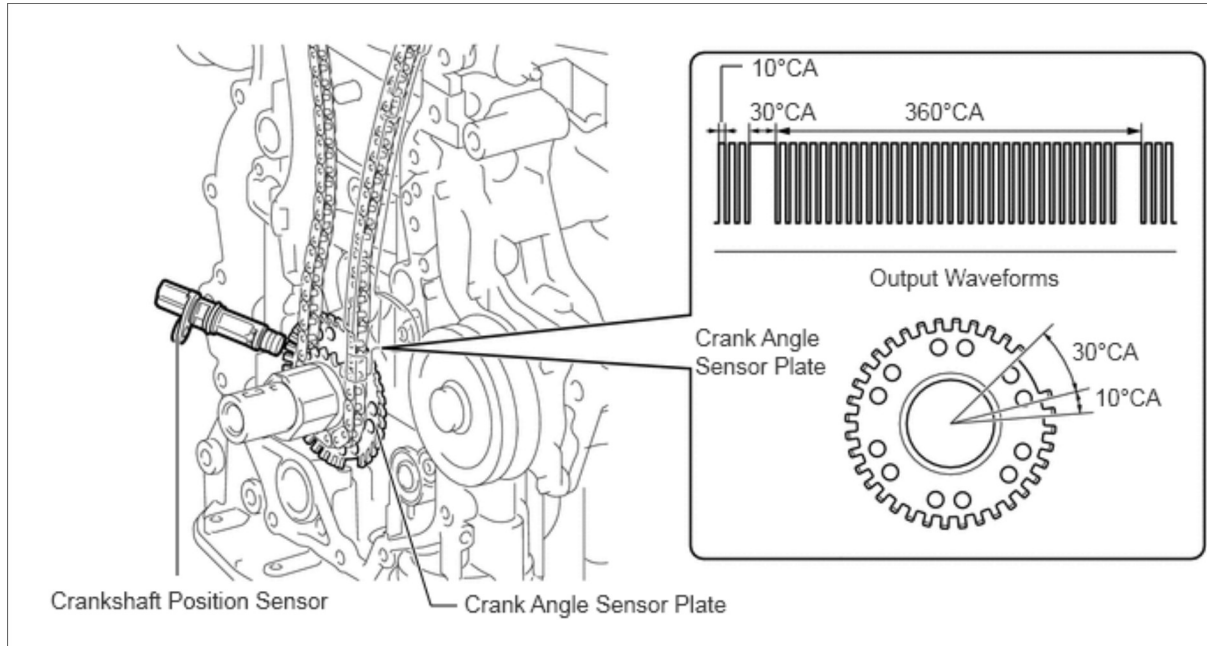


[Print](#)[Exit](#)**6AR-FSE ENGINE CONTROL SFI SYSTEM DETAILS CRANKSHAFT POSITION SENSOR****CONSTRUCTION**

- a. A Magnetic Resistance Element (MRE) type crankshaft position sensor is used to detect the engine speed and crankshaft angle.
- b. The crank angle sensor plate (timing rotor) of the crankshaft consists of 34 teeth with 2 teeth missing. The crankshaft position sensor outputs a crankshaft rotation signal every 10°, and the change of the signal due to the missing teeth is used to determine top-dead-center.



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