IGQJ7–0C

CRANKSHAFT POSITION SENSOR INSTALLATION

Installation is in the reverse order of removal.

SERVICE SPECIFICATIONS

SERVICE DATA

IG05M–09

IG

Firing order	–		1 – 3 – 4 – 2
High–tension cord	Resistance	Maximum	25 kΩ per cord
Spark plug	Recommended spark plug	ND	K16R–U
	Recommended spark plug	NGK	BKR5EYA
	Correct electrode gap		0.8 *mm (0.031 in.)*
Ignition coil	Primary coil resistance	Cold	0.38 – 0.55 Ω
		Hot	0.45 – 0.65 Ω
	Secondary coil resistance	Cold	9.0 – 15.4 kΩ
		Hot	11.4 – 18.1 kΩ
Distributor	Air gap		0.2 – 0.4 mm (0.008 – 0.0016 in.)
	Signal generator (pickup coil) resistance	cold	185 – 275 Ω
		hot	240 – 325 Ω
(3RZ–FE) Crankshaft position sensor	Resistance at cold	NE⊕ – NE⊖	1,630 – 2,740 Ω
	at hot	NE⊕ – NE⊖	2,065 – 3,225 Ω

TORQUE SPECIFICATIONS

IG017–0M

Part tightened		N·m	kgf·cm	ft·lbf
Spark plug x Cylinder head		20	200	14
Distributor x Cylinder head		19	195	14
Crankshaft position sensor x Timing chain cover	(3RZ–FE)	8.5	85	74 in.·lbf
Generator bracket x Cylinder block	(3RZ–FE)	74.5	760	55
Generator bracket x Timing chain cover	(3RZ–FE)	18	180	13