

1GR-FE IGNITION

SERVICE DATA

Spark plug		
Recommended spark plug	DENSO made	K20HR-U11
	NGK made	LFR6C-11
Electrode gap		1.0 to 1.1 mm (0.039 to 0.043 in.)
Maximum electrode gap		1.41 mm (0.056 in.)
VVT sensor		
Voltage	VVT+ - VVT1-	3.375 to 4.950V (Hi), 0.450 to 1.375V (Lo)
	VVT2+ - VVT2-	3.375 to 4.950V (Hi), 0.450 to 1.375V (Lo)
Crankshaft position sensor		
Resistance	at Cold	1,630 to 2,740 Ω
	at Hot	2,065 to 3,225 Ω

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TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Spark plug x Cylinder head	20	204	14
Ignition coil x Cylinder head cover	10	102	7
VVT sensor x Timing chain cover sub-assembly	8.0	82	71 in.*lbf
V-bank cover x Intake air surge tank sub-assembly and Air cleaner assembly	7.5	76	66 in.*lbf
Crankshaft position sensor x Cylinder block	10	102	7
V-ribbed belt tensioner and Cooler compressor assembly	25	255	18
Engine under cover assembly rear x Frame assembly	29	296	21

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