2GR-FE EMISSION CONTROL

SERVICE DATA

Purge VSV

Tester Connection	Specified Condition
1 - 2	23 to 26Ω at 20°C (68°F)
1 - Body ground	10 MΩ or higher
2 - Body ground	10 MΩ or higher

Air fuel ratio sensor

Tester Connection	Specified Condition
1 (HT) - 2 (+B)	1.8 to 3.4 Ω at 20°C (68°F)
1 (HT) - 4 (AF-)	10 kΩ or higher

Oxygen sensor (for Bank 1 Sensor 2)

Tester Connection	Specified Condition
1 (HT) - 2 (+B)	11 to 16 Ω at 20°C (68°F)
1 (HT) - 4 (E1)	10 kΩ or higher

Oxygen sensor (for Bank 2 Sensor 2)

Tester Connection	Specified Condition
2 (+B) - 3 (HT)	11 to 16 Ω at 20°C (68°F)
3 (HT) - 4 (E1)	10 kΩ or higher

TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Charcoal canister assembly x body	29	296	21
Charcoal canister protector x body	5.0	51	44 in.*lbf
No. 1 Vacuum switching valve x Cylinder head cover sub-assembly LH	10	102	7
Ventilation valve sub - assembly x Cylinder head cover sub-assembly LH	27	275	27
Air fuel ratio sensor x Exhaust manifold sub-assembly LH : for use with SST	40	408	30
Air fuel ratio sensor x Exhaust manifold sub-assembly LH : for use without SST	44	449	32
Air fuel ratio sensor x Exhaust manifold sub-assembly RH : for use with SST	40	408	30
Air fuel ratio sensor x Exhaust manifold sub-assembly RH : for use without SST	44	449	32
Exhaust manifold sub-assembly RH x Cylinder head sub-assembly RH	21	214	15
Exhaust manifold stay x Exhaust manifold sub-assembly RH	35	357	26
Front exhaust pipe assembly x Exhaust manifold sub-assembly RH	62	632	46
Front exhaust pipe assembly x Exhaust manifold sub-assembly LH	62	632	46
Front exhaust pipe assembly x Center exhaust pipe assembly	43	438	32
No.1 exhaust pipe support bracket x Oil pan sub-assembly	21	214	15
Heated oxygen sensor x Front exhaust pipe assembly : for use with SST	40	408	30
Heated oxygen sensor x Front exhaust pipe assembly : for use without SST	44	449	32
Heated oxygen sensor x Center exhaust pipe assembly : for use with SST	40	408	30
Heated oxygen sensor x Center exhaust pipe assembly : for use without SST	44	449	32
Front exhaust pipe assembly x Exhaust manifold sub-assembly RH	62	632	46
Front exhaust pipe assembly x Exhaust manifold sub-assembly LH	62	632	46
Front exhaust pipe assembly x Center exhaust pipe assembly	21	214	15