

# 1GR-FE FUEL

## SERVICE DATA

Fuel pressure			281 to 287 kPa (2.87 to 2.93 kgf*cm <sup>2</sup> , 40.8 to 41.7 psi)
Fuel pressure			147 kPa (1.5 kgf*cm <sup>2</sup> , 21 psi) or more
Fuel injector	Resistance	at 20°C (68°F)	11.6 to 12.4 Ω
	Injection volume		76 to 91 cm <sup>3</sup> (4.6 to 5.5 cu in.) per 15 seconds
	Difference between each cylinder		15 cm <sup>3</sup> (0.9 cu in.) or less
	Fuel leakage		1 drop or less every 12 minutes
Fuel pump resistor	Resistance	at 20°C (68°F)	0.941 to 0.999 Ω
Fuel Pump	Resistance	at 20°C (68°F)	0.2 to 3.0 Ω

SS

## TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Fuel tank band x Body	40	408	30
No. 1 fuel tank protector sub-assembly x Fuel tank band	20	204	15
Fuel tank protector bracket x Body	5.5	56	49 in.*lbf
Fuel delivery pipe sub-assembly x Intake manifold	15	153	11
Intake air surge tank x Intake manifold	28	286	21
Intake air surge tank x Throttle body bracket	21	214	16
Intake air surge tank x No. 1 surge tank stay	21	214	16
Intake air surge tank x No. 2 surge tank stay	21	214	16
Fuel pressure regulator assembly x Fuel delivery pipe sub-assembly	9.0	92	80 in.*lbf
Negative battery terminal	3.9	40	35 in.*lbf
No. 1 surge tank stay x Oil baffle plate	9.0	92	80 in.*lbf
Fuel pump resister x Body	8.5	87	75 in.*lbf
No. 3 fuel tank protector x Fuel tank	5.0	51	44 in.*lbf

**SS**