

1GR-FE FUEL**SERVICE DATA**

Fuel pressure		281 to 287 kPa (2.87 to 2.93 kgf*cm ² , 40.8 to 41.7 psi)	
Fuel pressure		147 kPa (1.5 kgf*cm ² , 21 psi) or more	
Fuel injector	Resistance	at 20°C (68°F)	11.6 to 12.4 Ω
	Injection volume		76 to 91 cm ³ (4.6 to 5.5 cu in.) per 15 seconds
	Difference between each cylinder		15 cm ³ (0.9 cu in.) or less
	Fuel leakage		1 drop or less every 12 minutes
Fuel pump resister	Resistance	at 20°C (68°F)	0.71 to 0.75 Ω
Fuel Pump	Resistance	at 20°C (68°F)	0.2 to 3.0 Ω
Fuel pump relay assembly	Resistance		
	3 - 4	Apply battery voltage to terminal 1 and 2	Below 1 Ω
			10 kΩ or higher
	3 - 5	Apply battery voltage to terminal 1 and 2	10 kΩ or higher
Below 1 Ω			

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TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Fuel tank x Body	62	632	46
Fuel tank protector sub-assembly No. 1 x Body (with OFF ROAD PACKAGE)	20	204	15
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 Surge tank stay No. 1	21	214	16
Intake air surge tank x Surge tank stay No. 2	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

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