

SPECIFICATIONS 1GR-FE FUEL SERVICE DATA

FUEL SYSTEM

Fuel pressure	Standard fuel pressure	281 to 287 kPa (2.9 to 2.9 kgf/cm ² , 41 to 42 psi)
	Remains for 5 minutes after engine has stopped	147 kPa (1.5 kgf/cm ² , 21 psi) or higher

FUEL INJECTOR

Fuel injector assembly	Standard resistance	11.6 to 12.4 Ω at 20°C (68°F)
	Standard injection volume	76 to 91 cc (4.6 to 5.6 cu. in.) per 15 seconds
	Difference between each fuel injector	15 cc (0.9 cu. in.) or less
	Standard fuel drop	1 drop or less per 17 minutes

FUEL PUMP

Fuel pump	Standard resistance	0.2 to 3.0 Ω at 20°C (68°F)
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FUEL PUMP

Fuel pump resistor	Standard resistance	0.71 to 0.75 Ω at 20°C (68°F)
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FUEL TANK SELECT VALVE (for Fuel Sub Tank)

Tester Connection	Condition	Specified Condition
1 - Body ground	Always	1 M Ω or higher
2 - Body ground		
1 - 2	20°C (68°F)	12 to 15 Ω

FUEL TANK SELECT SWITCH (for Fuel Sub Tank)

Tester Connection	Condition	Specified Condition
3 - 4	Switch OFF	1 M Ω or higher
	Switch ON	Below 1 Ω

FUEL SENDER GAUGE ASSEMBLY (for Double Tank Type)

Tester Connection	Condition	Specified Condition
2 - 3	F (Upper End)	12 to 18 Ω
	E (Lower End)	405 to 415 Ω

FUEL SENDER GAUGE ASSEMBLY (for 90 L Tank Carried in Middle)

Tester Connection	Condition	Specified Condition
1 - 2	F (Upper End)	12 to 18 Ω
	E (Lower End)	405 to 415 Ω

FUEL SENDER GAUGE ASSEMBLY (for 90 L Tank Carried in Rear)

Tester Connection	Condition	Specified Condition
2 - 3	F (Upper End)	12 to 18 Ω
	E (Lower End)	405 to 415 Ω

FUEL SENDER GAUGE ASSEMBLY (for 130 L Tank)

Tester Connection	Condition	Specified Condition
1 - 3	F (Upper End)	12 to 18 Ω
	E (Lower End)	405 to 415 Ω

