

3MZ-FE FUEL

SERVICE DATA

Fuel pressure	304 to 343 kPa (3.1 to 3.5 kgf/cm ² , 44 to 50 psi)
Fuel pressure	147 kPa (1.5 kgf/cm ² , 21 psi) or more
Fuel injector assembly	Resistance: 13.4 to 14.2 Ω at 20°C (68°F) Injection volume: 60 to 73 cm ³ (3.7 to 4.5 cu in.) per 15 seconds Difference between each injector volume: Injection volume: 13 cm ³ (0.9 cu in.) or less Fuel drop: 1 drop or less in 12 minutes
Fuel pump assembly	Resistance: 0.2 to 3.0 Ω at 20°C (68 °F)

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TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Fuel delivery pipe sub-assembly x Intake manifold	10	102	7
Fuel delivery pipe No.2 x Intake manifold	10	102	7
Fuel pipe No.2 union bolt x Fuel delivery pipe No.2	33	331	24
Fuel pressure pulsation damper assembly x Fuel delivery pipe sub-assembly	33	331	24
Fuel pipe sub-assembly No.1 x Intake manifold	20	199	14
Intake air surge tank x Intake manifold	28	286	21
Surge tank stay No.2 x Intake air connector assembly	20	199	14
Surge tank stay No.2 x Cylinder head sub-assembly	20	199	14
Surge tank stay No.1 x Intake air surge tank	20	199	14
Surge tank stay No.1 x Cylinder head sub-assembly	20	199	14
Engine hunger No.1 x Intake air surge tank	20	199	14
Engine hunger No.1 x Cylinder head sub-assembly	20	199	14
Pressure feed tube assembly x Engine hunger No.1	7.8	80	69 in.*lbf
Emission control valve set x Emission control valve bracket	8.0	82	71 in.*lbf
Air cleaner cap sub-assembly x Air cleaner case sub-assembly	5.0	51	44 in.*lbf
Cowl top panel sub-assembly outer x Body	5.0	51	44 in.*lbf
Front shock absorber RH x Body	80	815	59
Front shock absorber LH x Body	80	815	59
Fuel tank side plate x Fuel tank bracket	30	306	22
Fuel tank assembly x Body	20	200	14
Fuel tank band sub-assembly RH x Body	39	400	29
Fuel tank band sub-assembly LH x Body	39	400	29
Fuel tank protector sub-assembly No.1 x Fuel tank band sub-assembly RH	5.5	56	49 in.*lbf
Fuel tank protector sub-assembly No.1 x Fuel tank band sub-assembly LH	5.5	56	49 in.*lbf
Fuel tank protector No.1 x Fuel tank band sub-assembly LH	5.5	56	49 in.*lbf
Fuel tank protector No.1 x Fuel tank assembly	5.5	56	49 in.*lbf
Exhaust pipe support bracket No.4 x Body (4WD drive type)	22	224	16

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