TOYOTA
SERVICE BULLETIN
Group: 03 No.: 02 Date: Aug, 16

Kluger

Corrections to Repair Manual RM06K6E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

Section	Title	Paragraph
SERVICE SPECIFICATIONS	2GR-FE FUEL	SERVICE DATA
2GR-FE FUEL	FUEL INJECTOR	INSPECTION (2010/07 -)

The revised pages listed above are attached.

(The corrected parts are indicated by arrows.)

This bulletin does not cause the Flat Rate Manual to be changed

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2GR-FE FUEL

SERVICE DATA

Fuel pressure		380 to 420 kPa (3.9 to 4.3 kgf/cm^2, 55 to 61 psi)
Fuel pressure : at fuel pressure remains for 5 minutes after engine has stopped		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	2007/05 - 2010/07	84 to 100 cm^3(5.1 to 6.0 cu. in.) in 15 seconds
	2010/07-	84 to 101 cc (5.1 to 6.2 cu. in.) per 15 seconds
Difference between each injector	2007/05 - 2010/07	16 cm^3 (0.98 cu. in.) or less
	2010/07-	17 cc (1.0 cu. in.) or less
Fuel drop		1 drop or less in 16 minutes
Fuel pump		
Resistance	at 20°C (68°F)	0.2 to 3.0 Ω
Fuel pump resistor		
Resistance		0.30 to 0.34 Ω

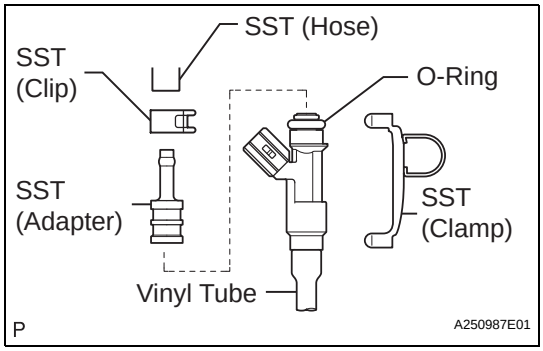
[Corrected]

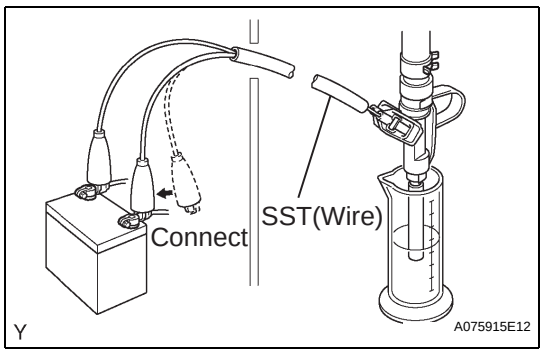
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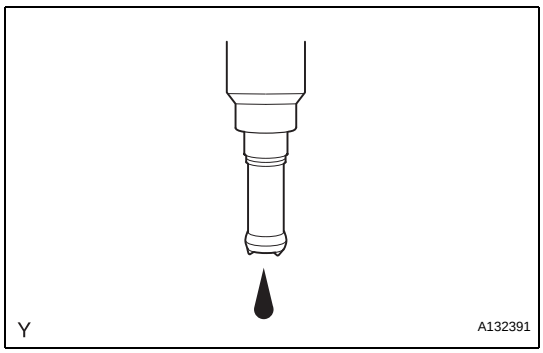
TORQUE SPECIFICATIONS

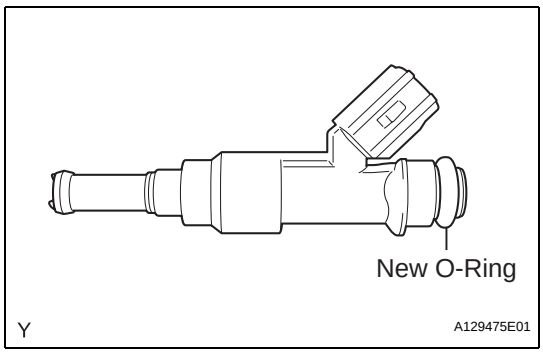
Part Tightened		N*m	kgf*cm	ft.*lbf
Fuel delivery pipe sub-assembly x Intake manifold		21	214	15
Intake air surge tank x Intake manifold	Bolt	18	184	13
	Nut	16	163	12
Throttle body bracket		21	214	15
No. 1 surge tank stay		21	214	15
Fuel tank side plate x Fuel tank bracket		30	306	22
Fuel tank band sub-assembly x Body		45	459	33
Fuel tank sub-assembly x Body	Nut	20	200	14
No. 1 fuel tank protector sub-assembly x Fuel tank band sub-assembly		5.5	50	49 in.*lbf
Fuel pump resistor x Body		19	194	14

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(3) Connect SST (adaptor and hose) to the injector, and hold the injector and union with SST (clamp).
SST 09268-31013 (09268-41141, 09268-41410, 90467-13001, 95336-08070)

(4) Put the injector into the graduated cylinder.
CAUTION:
Install a suitable vinyl tube onto the injector that will contain gasoline spray.

(5) Operate the fuel pump (See page ○○-○○).

(6) Connect SST (wire) to the injector and the battery for 15 seconds, and measure the injection volume with the graduated cylinder. Test each injector 2 or 3 times.
SST 09842-30080
Volume:
84 to 101 cc (5.1 to 6.2 cu. in.) per 15 seconds
Difference between each injector:
17 cc (1.0 cu. in.) or less
[Corrected] [Corrected]
If the injection volume is not as specified, replace the injector.

(c) Check for leaks.
(1) Disconnect the tester probes of SST (wire) from the battery and check for fuel leaks from the injector.
Fuel drop:
1 drop or less in 16 minutes

INSTALLATION

(2007/05-2008/08)

1. INSTALL FUEL INJECTOR ASSEMBLY

(a) Apply a light coat of spindle oil or gasoline to new O-rings, and install them to each injector.
NOTICE:
The wound or the foreign body must not adhere in the ditch of O-ring.

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