

Component Procedures: Fuel Pump

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Component Procedures: Fuel Pump

Parts and Labor (itype_189)

Parts

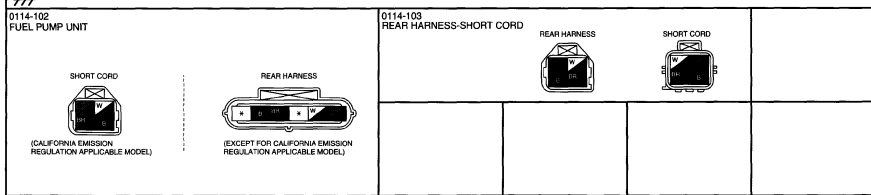
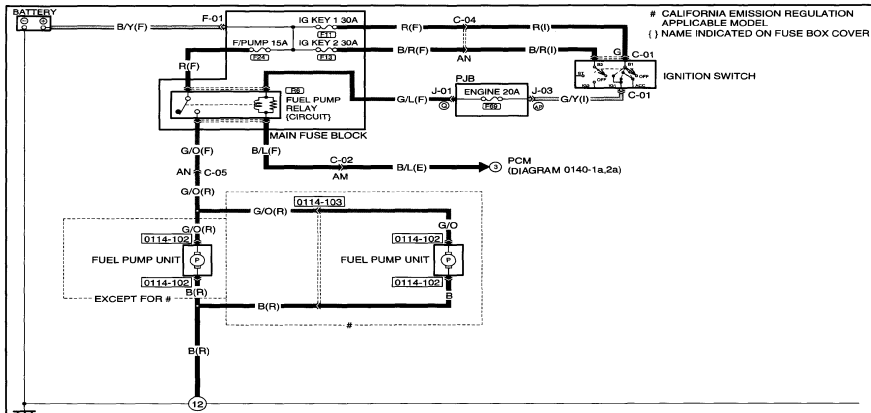
Qualifier	Part #	Name	Price	Note
Fuel Pump > Federal	LF661335XF	Fuel Pump	402.24	
Fuel Pump > California	LF671335XE	Fuel Pump	955.29	

Labor

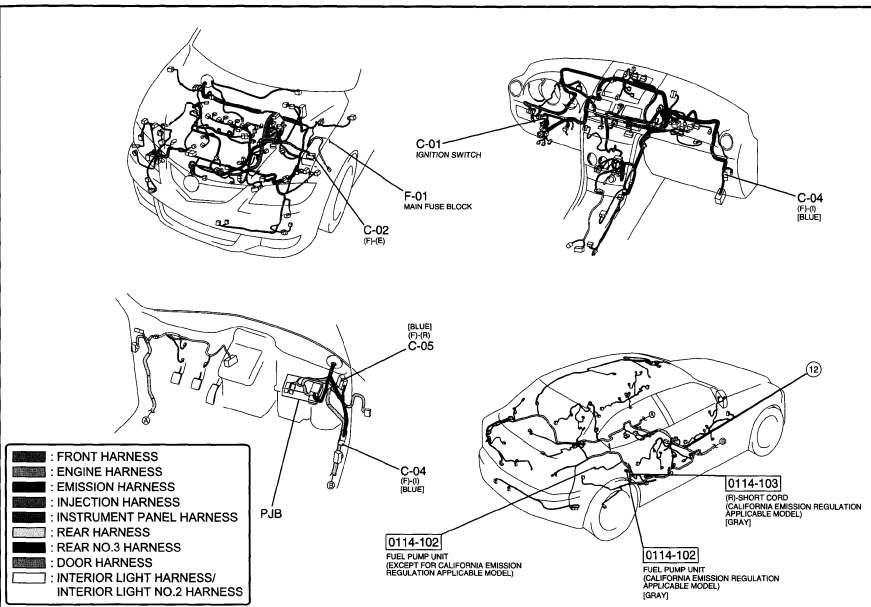
Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	High Pressure	B	2.0	0.0
Replace	In Tank	B	2.5	1.8

Electrical (OE) (itype_21)

FUEL SYSTEM (EXCEPT L3 WITH TC) 0114-1

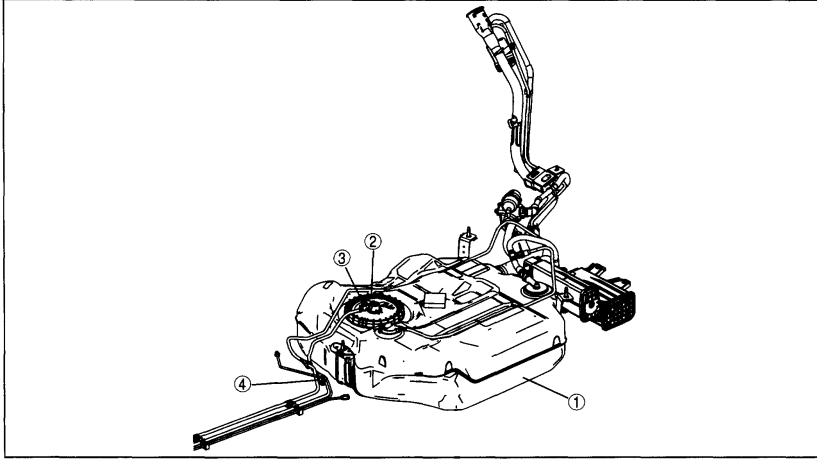


FUEL SYSTEM (EXCEPT L3 WITH TC) 0114-1



Components (itype_32)

Except for California emission regulation applicable model



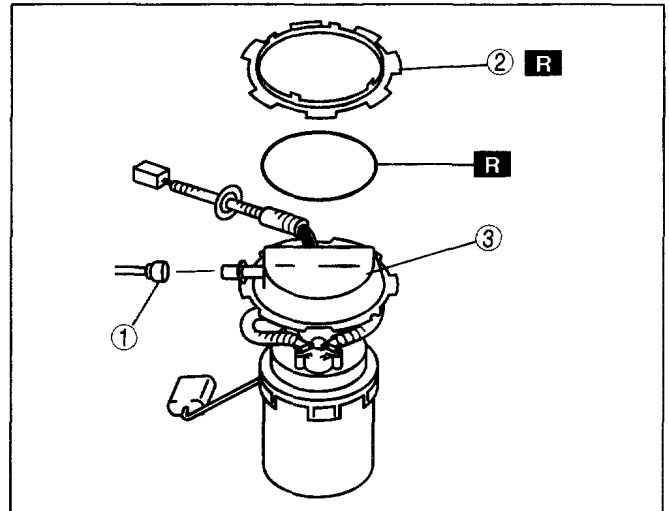
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1	Fuel tank
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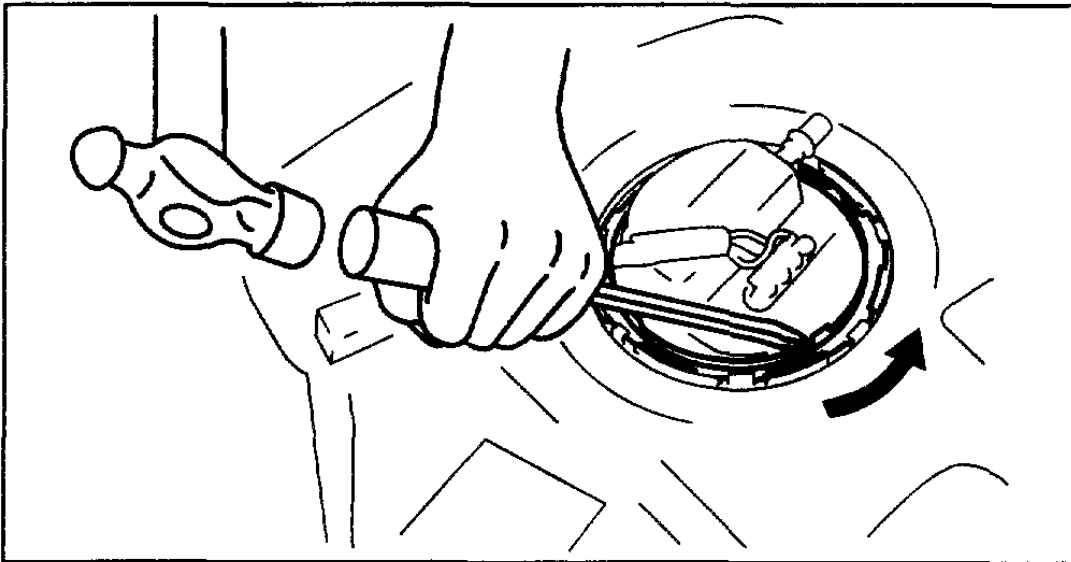
2	Fuel pump unit
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Fuel Pump Unit Removal/Installation (Article 1366775)

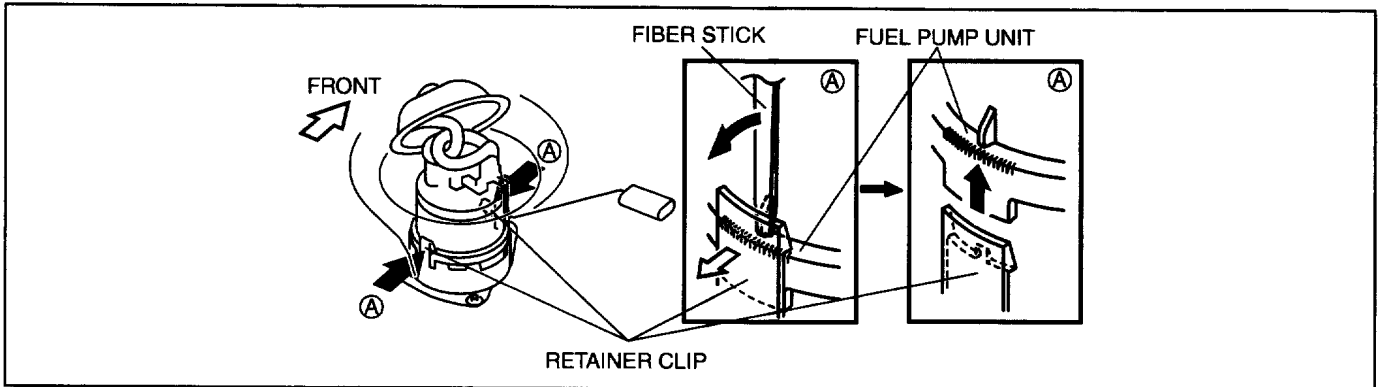
1	Quick release connector
2	Retainer ring
3	Fuel pump unit



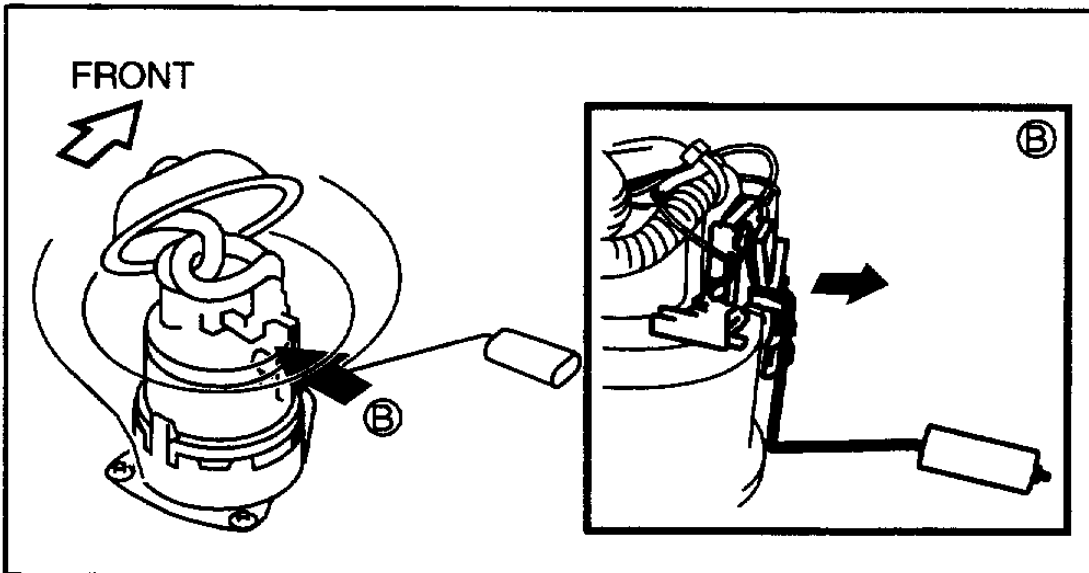
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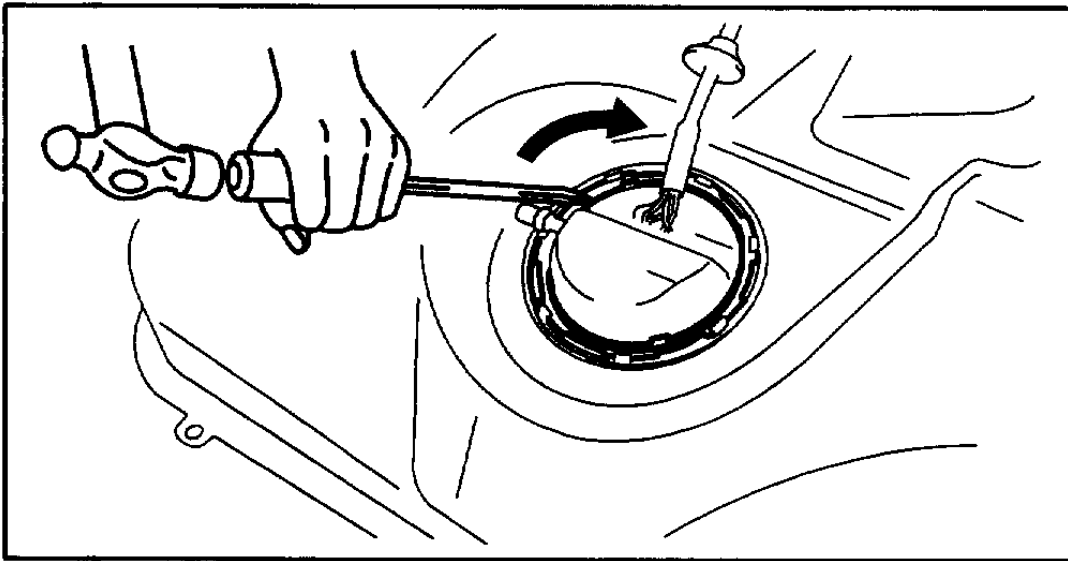
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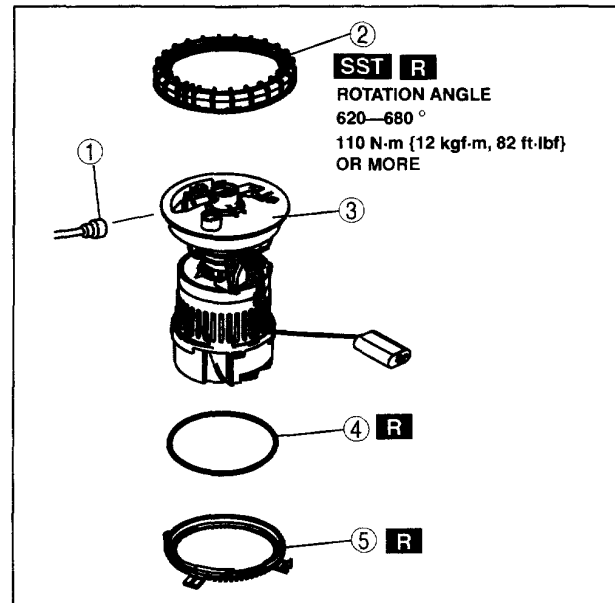


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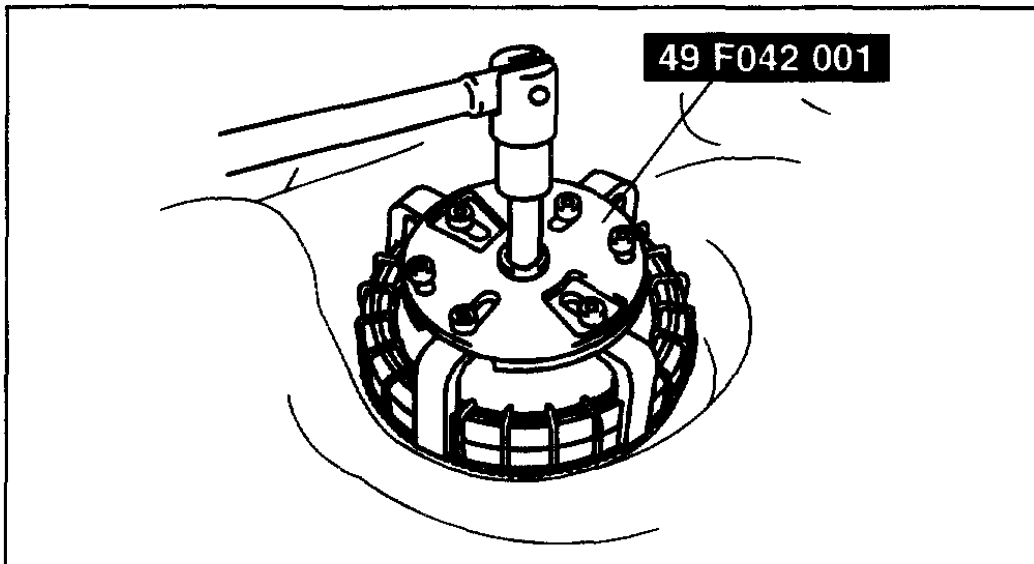


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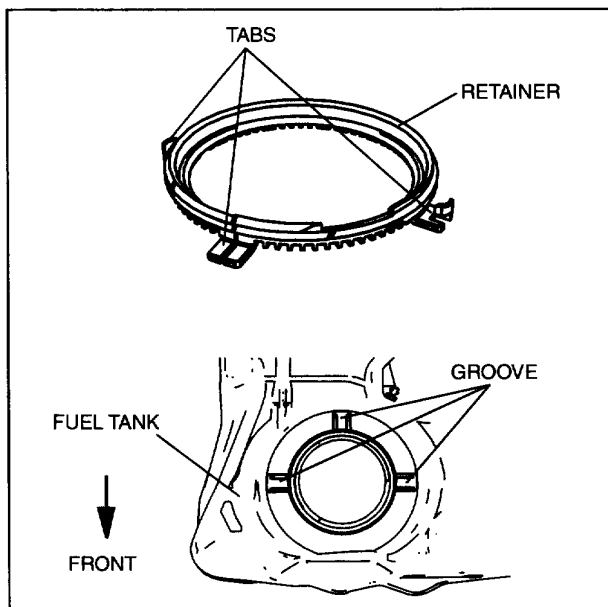
1	Quick release connector
2	Fuel pump cap
3	Fuel pump unit
4	Packing
5	Retainer



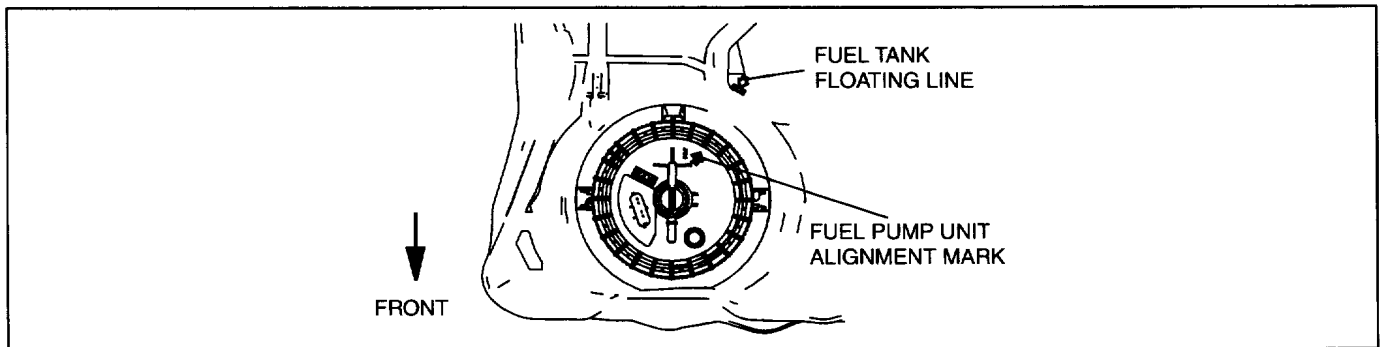
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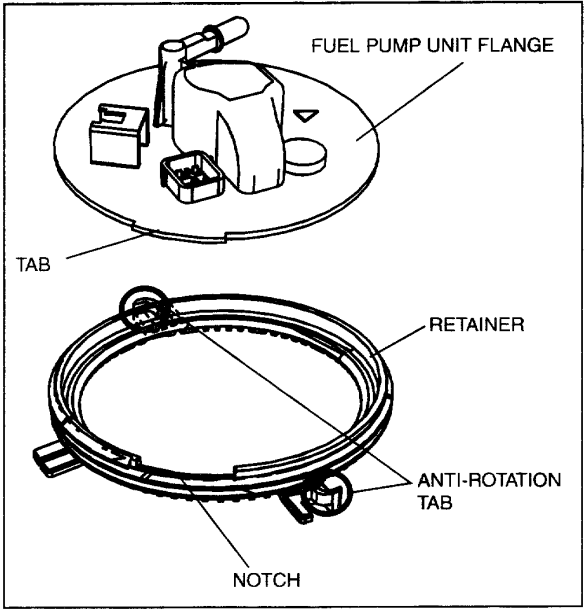
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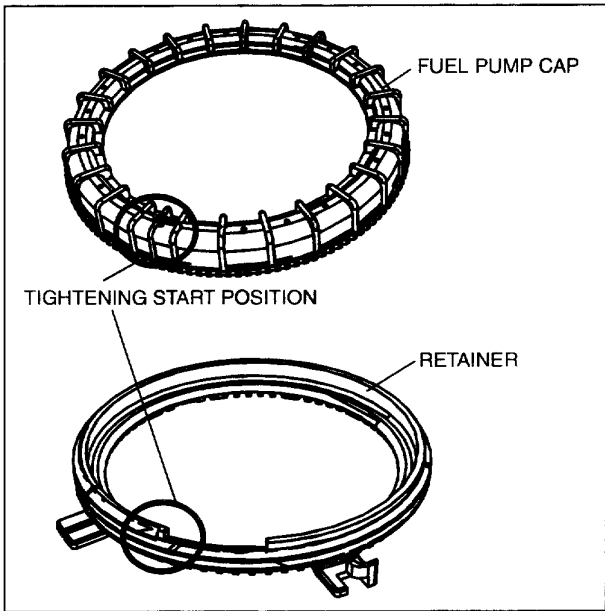
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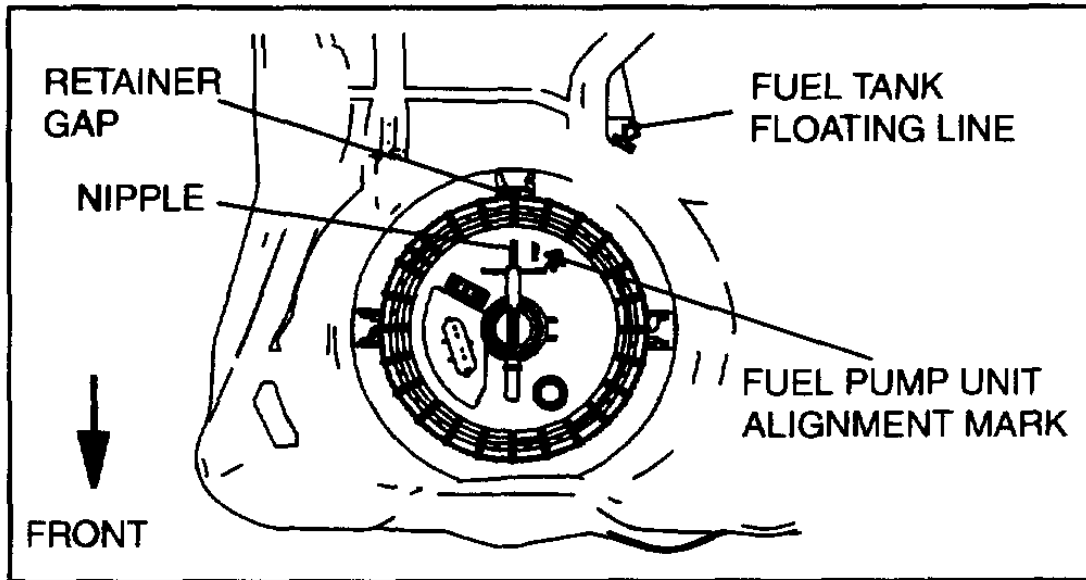
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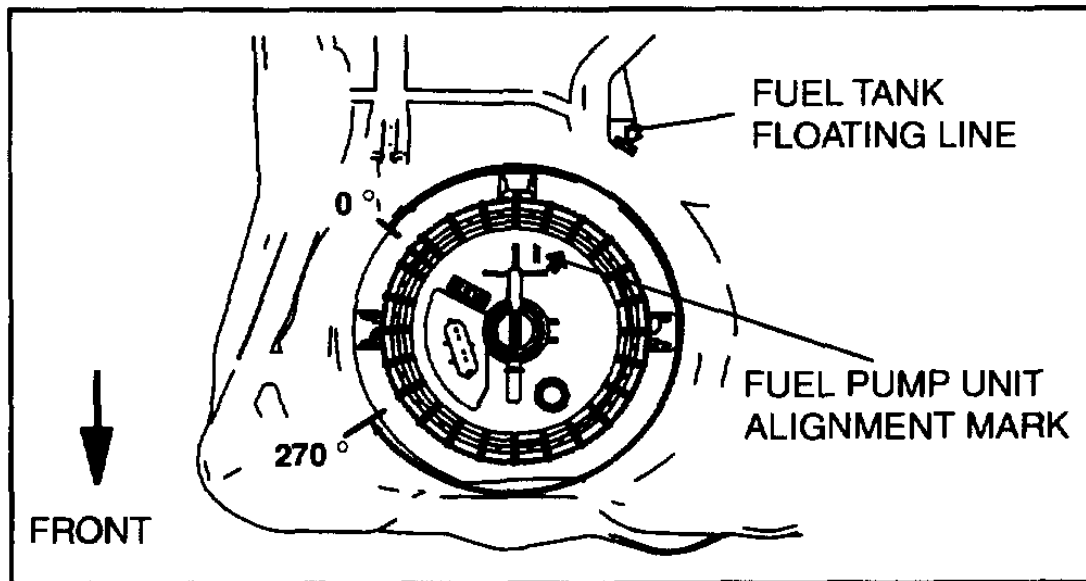
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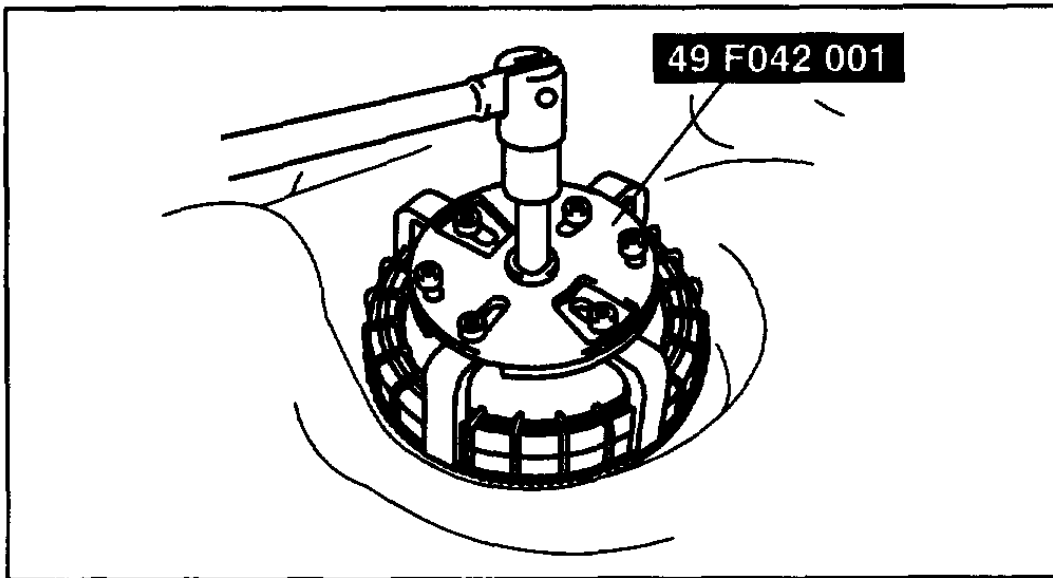
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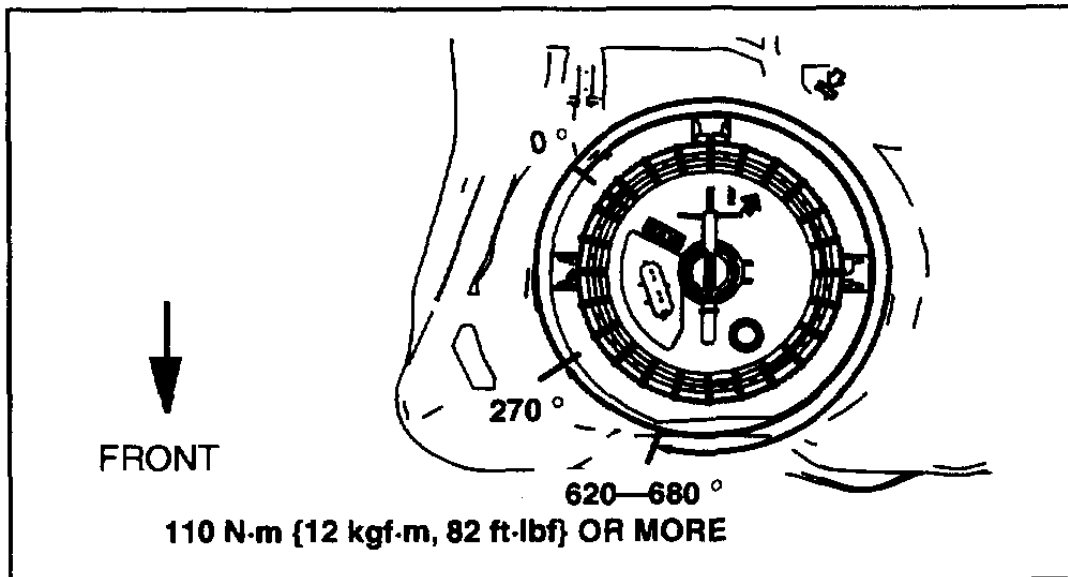
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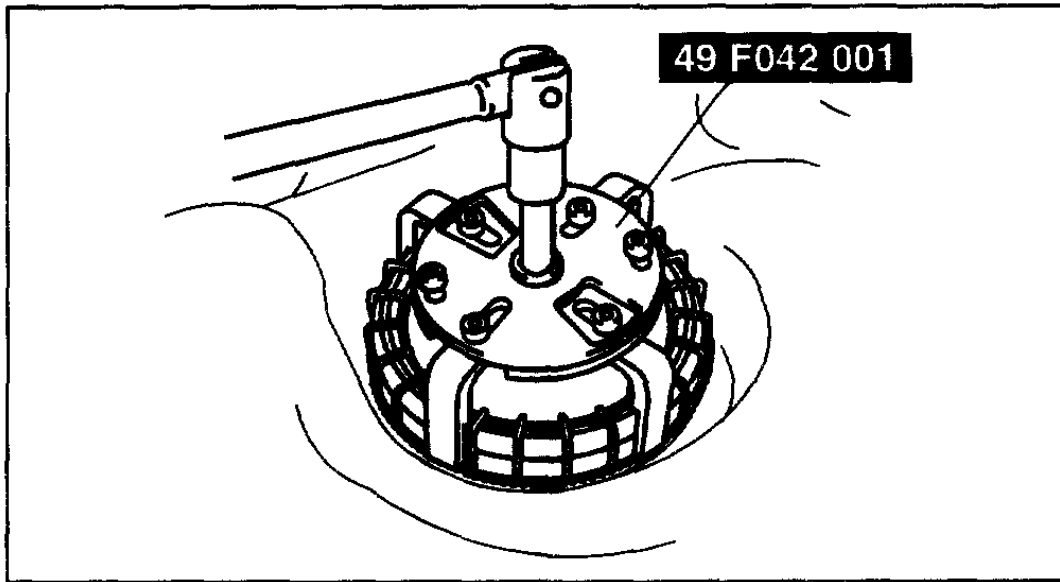
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c3u1 14zi5004

Fuel Pump Unit Disassembly/Assembly (Article 1409518)

FUEL PUMP UNIT
DISASSEMBLY/ASSEMBLY[LF, L3]

NOTE:

The
fuel pump
unit cannot be disassembled.

Technician Safety Information (itype_15)

WARNING: Adhere to the following procedures any time the
fuel system
is being worked on in order to reduce the risk of fire and personal injury:

- Keep a dry chemical (Class B) fire extinguisher near the work area.
- Place a "CAUTION FLAMMABLE" sign in the work area.
- Work in a well-ventilated area. Do not smoke, and keep sparks and open flames away.
- Wear eye protection.
- Use caution when working near the
catalytic converter
to prevent the possibility of burns or fire. (The temperatures within the converter
can

exceed
537 degrees C (1000 degrees F)

.)

- Relieve the fuel system pressure prior to disconnecting fuel system components.
- Disconnect the negative battery cable except for tests where battery voltage is required.
- Use a suitable container to store or catch fuel.
- Do not replace fuel pipe with fuel hose.
- Plug all disconnected fuel line fittings and hoses.
- After making any fuel system repairs ALWAYS inspect for fuel leaks.

Pressure, Vacuum and Temperature (itype_29)

Fuel Pressure

Specifications

LF / L3

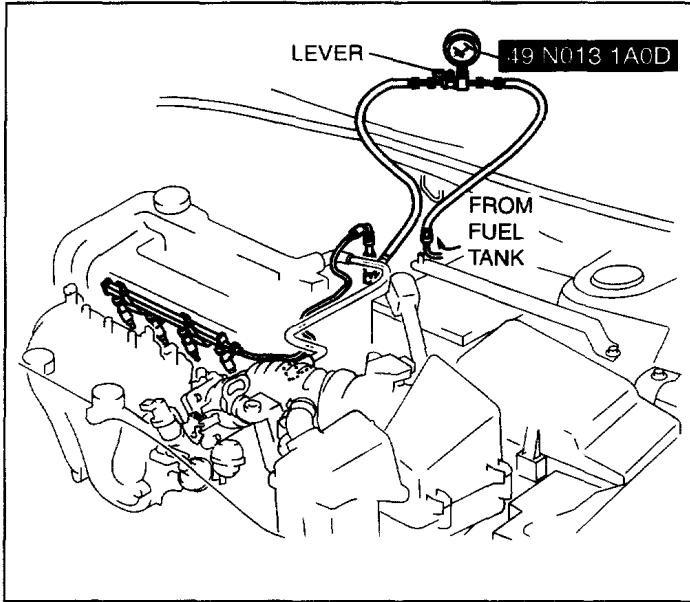
Fuel pressure (Reference)

350 - 410 kPa {3.57 - 4.18 kgf/sq.cm, 50.8 - 59.4 psi}

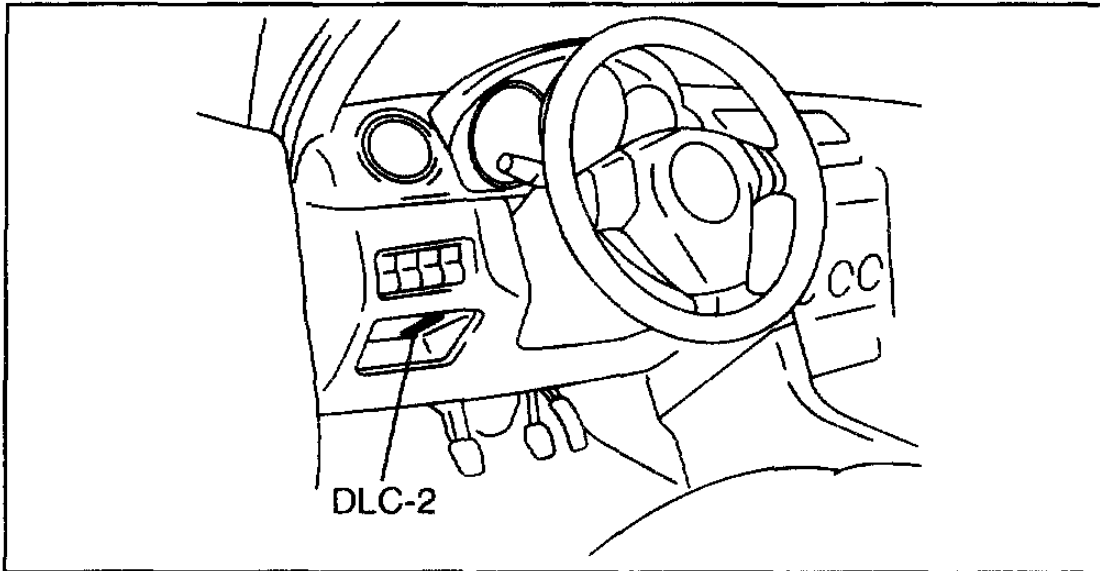
Fuel hold pressure (Reference)

250 kPa {2.55 kgf/sq.cm, 36.2 psi} or more
L3 With
Turbocharger
Fuel line pressure
410-490 kPa {4.2-4.9 kgf/sq.cm, 60-71 psi}
Fuel hold pressure
More than 230 kPa {2.3 kgf/sq.cm, 33 psi}

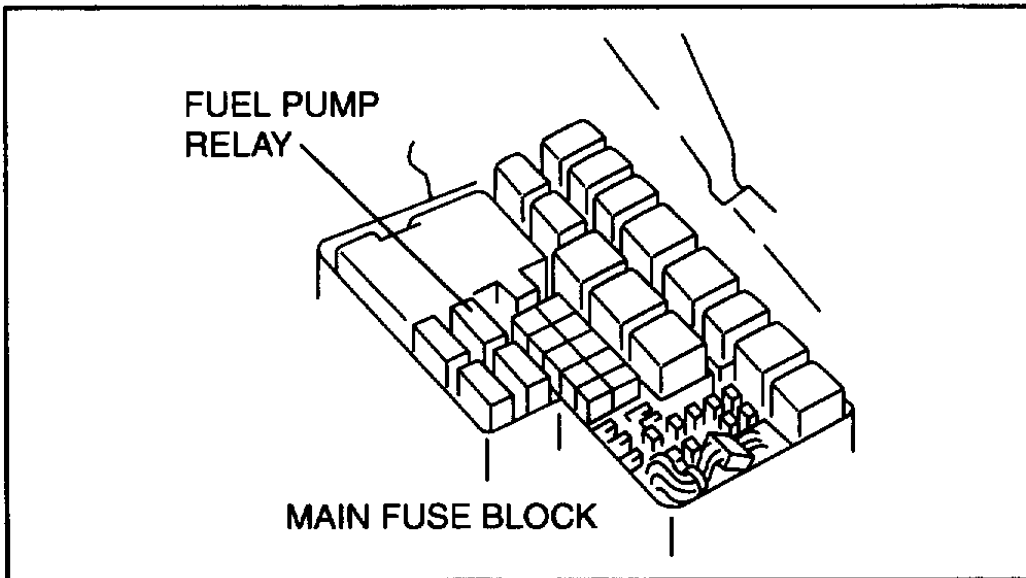
Fuel Pressure Test (Article 1409354)



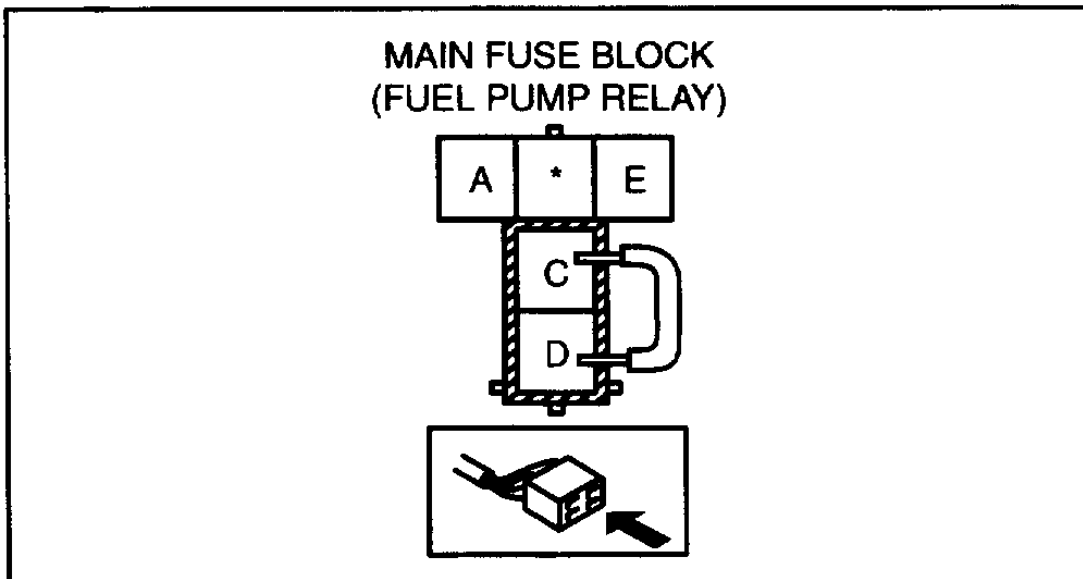
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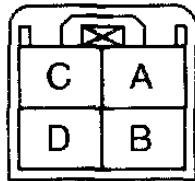
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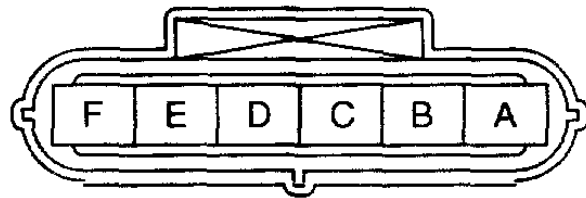
Fuel Pump Unit Inspection (Article 1373863)

FUEL PUMP UNIT
WIRING HARNESS-SIDE CONNECTOR



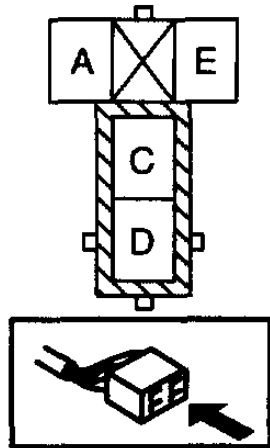
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FUEL PUMP UNIT
WIRING HARNESS-SIDE CONNECTOR



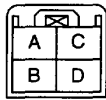
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FUEL PUMP RELAY
WIRING HARNESS-SIDE CONNECTOR



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FUEL PUMP UNIT*1
WIRING HARNESS-SIDE CONNECTOR



FUEL PUMP UNIT*2
WIRING HARNESS-SIDE CONNECTOR



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