MIL Comes On with DTC P0087
Supersedes 14-039, dated October 11, 2014, to revise the information highlighted in <mark>yellow.</mark>

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2013	Accord	L4	ALL
2014	Accord	4-Door - L4	1HGCR2...EA054295 to 1HGCR2...EA113613
2014	Accord	2-Door - L4	1HGCT1...EA004063 to 1HGCT1...EA006033

REVISION SUMMARY
Under AFFECTED VEHICLES, 2013 models were added.

SYMPTOM
The MIL is on with DTC P0087 (fuel rail pressure too low).

POSSIBLE CAUSES
An internal component of the high pressure fuel pump causes low fuel pressure.

CORRECTIVE ACTION
Replace the high pressure fuel pump.

PARTS INFORMATION

Part Name	Part Number	Quantity
Fuel Joint Pipe Set	16012-5A2-315	1
Pump Assembly	16790-5A2-A01	1
Throttle Body Gasket	17107-R40-A01	1
Intake Manifold Gasket	17115-5A2-A01	4
Fuel Clip	17711-S0X-004	1

WARRANTY CLAIM INFORMATION
The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
1211U6	Replace the high pressure fuel pump.	1.6 hours	14-039A	16790-5A2-A01

Defect Code: 07701

Symptom Code: 03203

Skill Level: Repair Technician

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

INSPECTION

Check the HDS On-Board Snapshot.

- If the **FUEL LEVEL** value is more than 3.5% go to REPAIR PROCEDURE.
- If the **FUEL LEVEL** value is less than or equal to 3.5%, this bulletin does not apply; continue with normal troubleshooting.

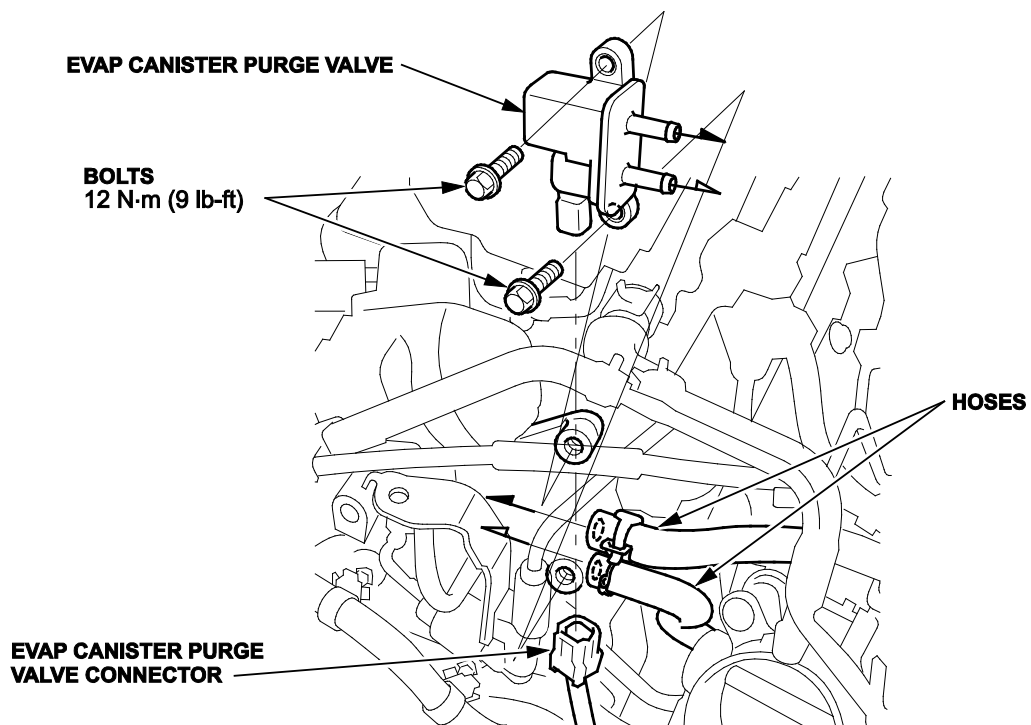| Signal	Value	Units	
PNP SWITCH	P-N	🟢	
BRAKE SWITCH	OFF	🔴	
A/C SWITCH	ON	🟢	
A/C PRESSURE SENSOR	164.3	psi	
A/C CLUTCH	ON	🟢	
VTEC PRES SW	ON	🟢	
VTEC SOLENOID VALVE	OFF	🔴	
F INJECTOR	7.42	ms	
SPARK ADVANCE	3	°	
CMP CTRL	0	°	
CMP CTRL CMD	0	°	
KNOCK RETARD	0.0	°	
KNOCK CTRL	0.71		
FUEL LEVEL	92	%	
EVAP PC DUTY	25	%	
EVAP CVS VALVE	OFF	🔴	
CKP PULSER F/B LEARN	COMPLETED	🟢	
START ECT	143.6	°F	
START IAT	116.6	°F	
MISFIRE	1		
MISFIRE DRIVING CYCLE	0		

REPAIR PROCEDURE

NOTE: During the repair, follow the basic procedures listed below. For more detail about any of these procedures, see the electronic service manual.

- Fuel Pressure Relieving (L4).
- Camshaft Timing Inspection (L4).
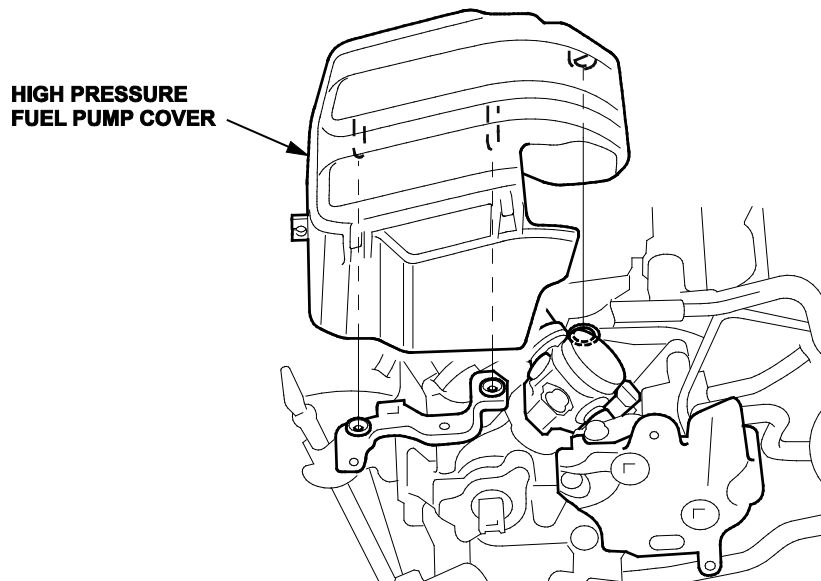- Intake Manifold Removal and installation (L4).

1. Remove the fuel bracket.

FUEL BRACKET

BOLTS
24 N·m (18 lb-ft)

BOLT
12 N·m (9 lb-ft)

BOLT
24 N·m (18 lb-ft)
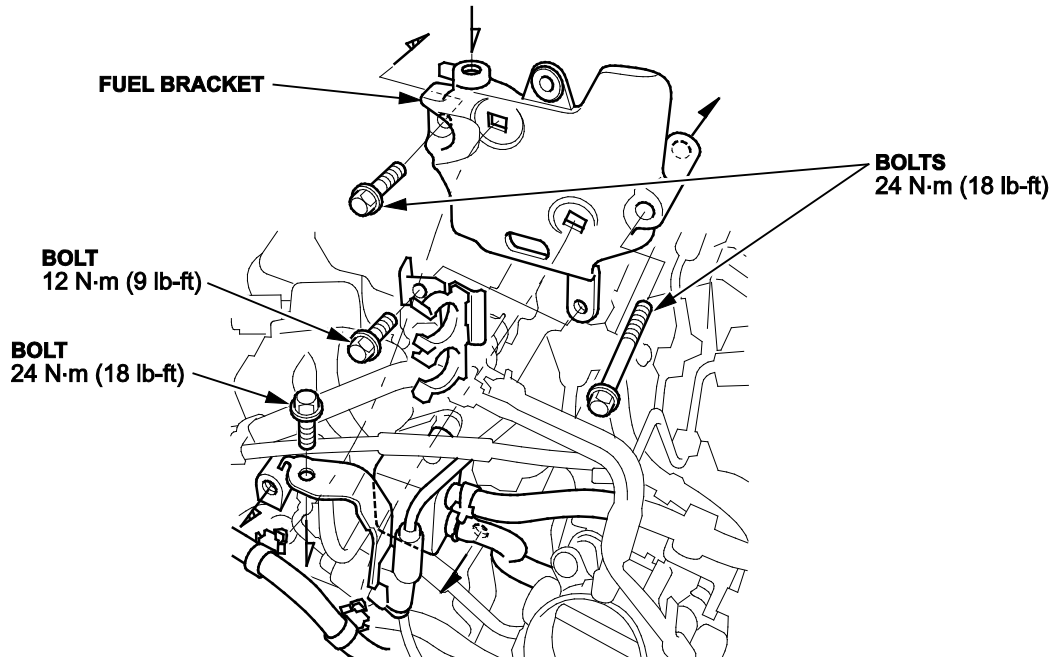
2. Remove the EVAP canister purge valve.

EVAP CANISTER PURGE VALVE

BOLTS
12 N·m (9 lb-ft)

HOSES

EVAP CANISTER PURGE
VALVE CONNECTOR

3. Remove the high pressure fuel pump cover.

HIGH PRESSURE
FUEL PUMP COVER

4. Remove the fuel joint pipe.

HIGH PRESSURE FUEL PUMP

FUEL JOINT PIPE
Do not reuse.

QUICK-CONNECT FITTING
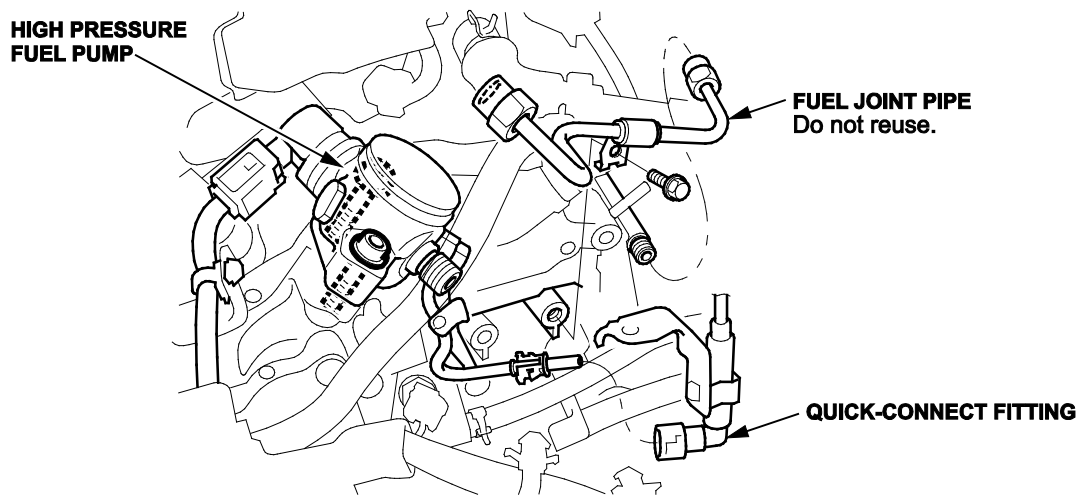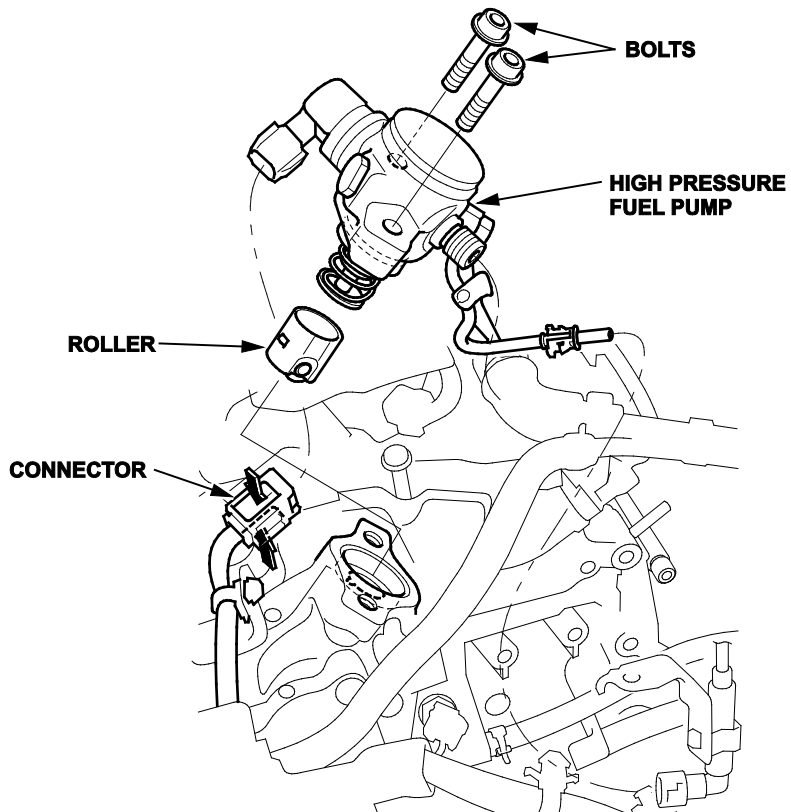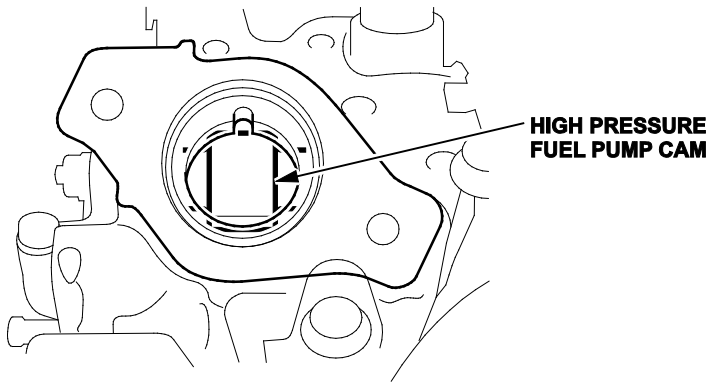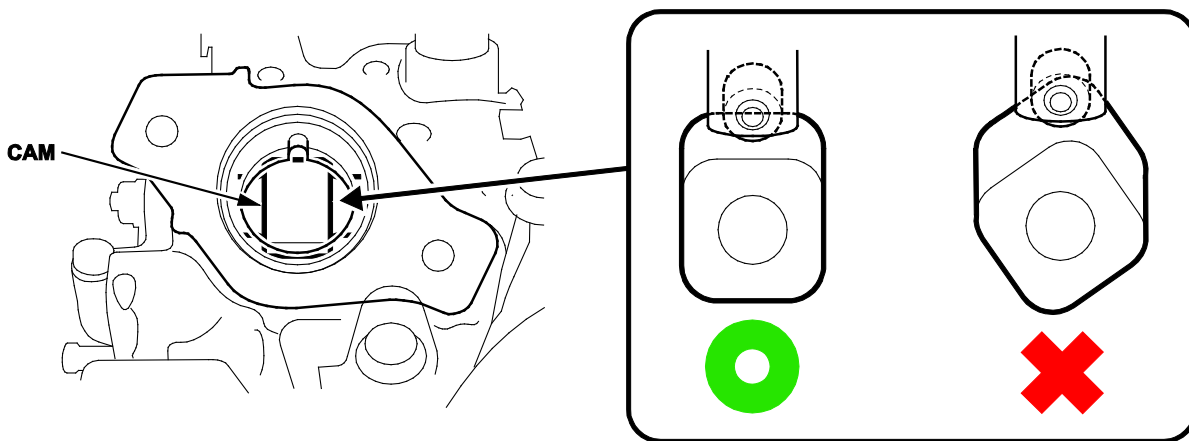
5. Remove the high pressure fuel pump.
   NOTE: Set the No. 1 piston at top dead center (TDC), and then turn the crankshaft 105° counterclockwise before removing the high pressure fuel pump.

BOLTS

HIGH PRESSURE FUEL PUMP

ROLLER

CONNECTOR

6. Turn the crankshaft and check the high pressure fuel pump cam for any pitting, scoring, or excessive wear. If needed, replace the fuel pump camshaft.
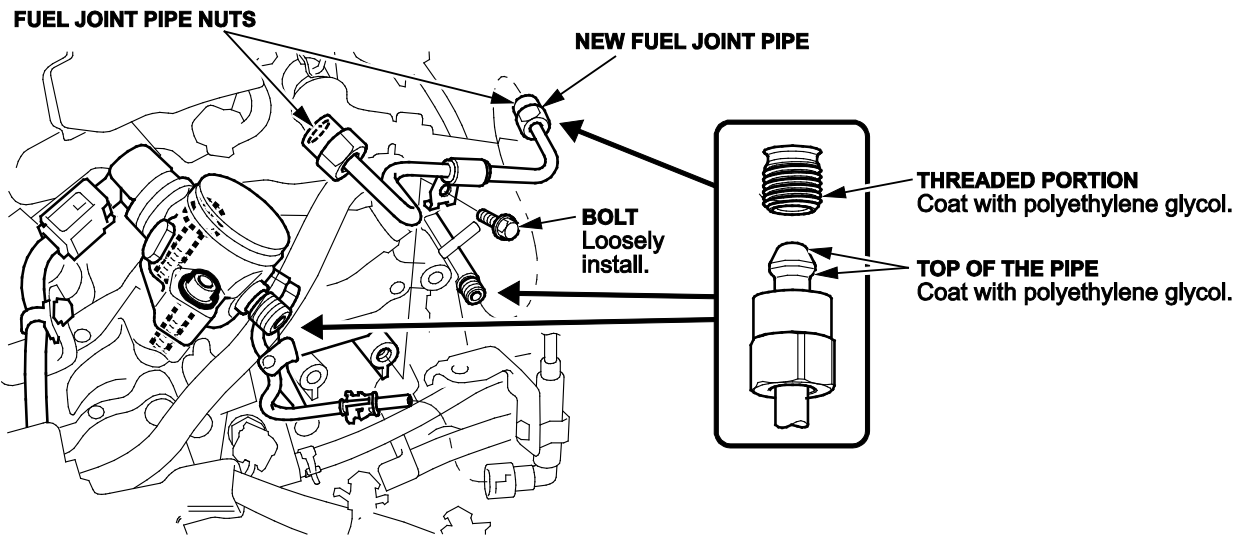
HIGH PRESSURE FUEL PUMP CAM

7. Set the No. 1 piston at top dead center (TDC), and then turn the crankshaft 105° counterclockwise. Check the position of the cam that drives the high pressure pump as shown. If the cam position is not correct, continue turning the camshaft until it is.
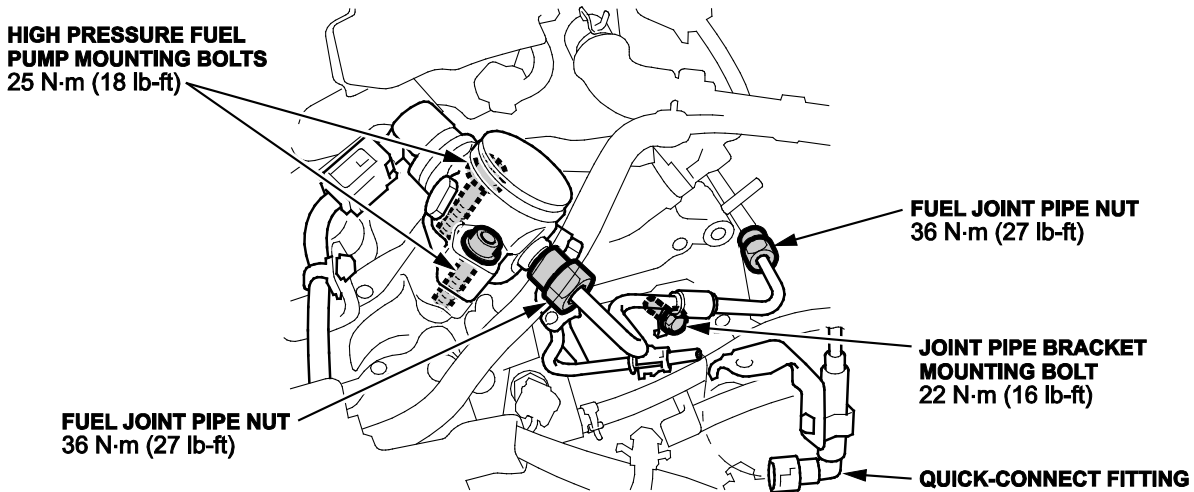
CAM

8. Lubricate the cam and roller with clean engine oil, and then install the high pressure fuel pump with the new fuel line clip. Loosely install the bolts.

ROLLER
Lubricate with oil.

CONNECTOR

ROLLER

BOLTS

NEW HIGH PRESSURE FUEL PUMP

NEW FUEL LINE CLIP

CAM
Lubricate with oil.
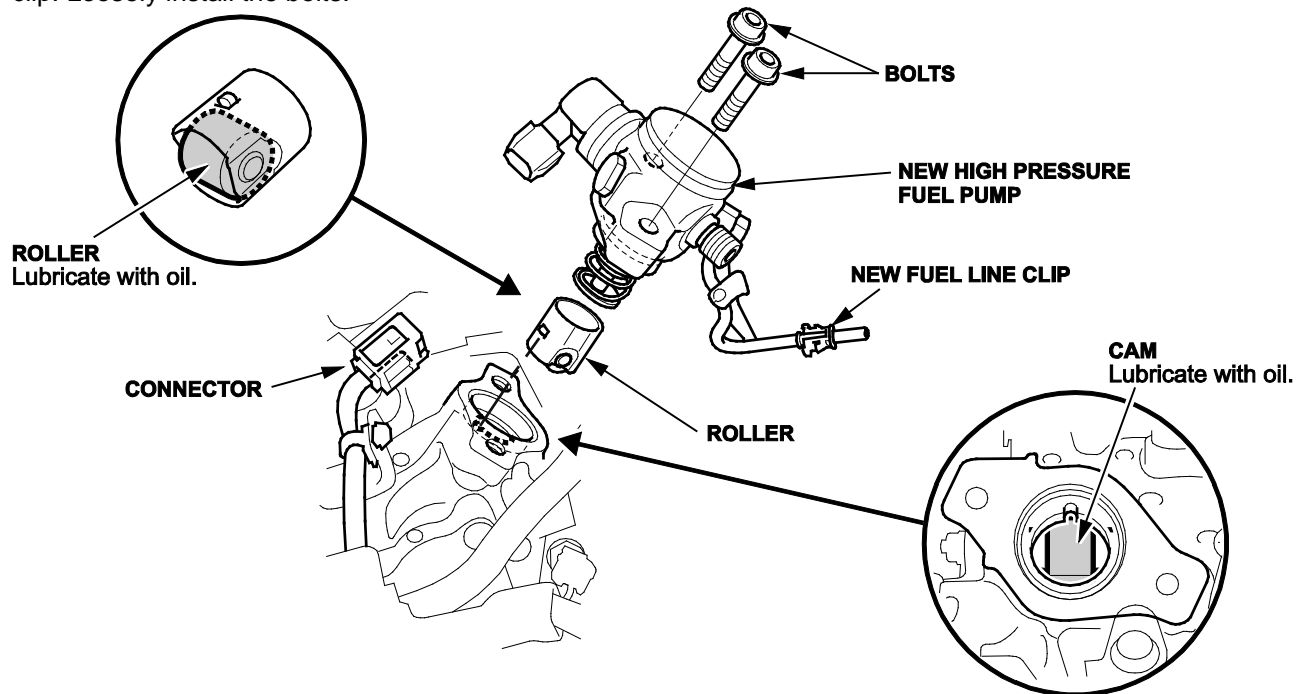
9. Apply the polyethylene glycol that is included with the fuel joint pipe to the areas shown, and then install the new fuel joint pipe.

FUEL JOINT PIPE NUTS

NEW FUEL JOINT PIPE

BOLT
Loosely install.

THREADED PORTION
Coat with polyethylene glycol.

TOP OF THE PIPE
Coat with polyethylene glycol.

10. Torque the high pressure fuel pump mounting bolts and fuel joint pipe nuts to the specifications shown below.

HIGH PRESSURE FUEL PUMP MOUNTING BOLTS
25 N·m (18 lb-ft)

FUEL JOINT PIPE NUT
36 N·m (27 lb-ft)

JOINT PIPE BRACKET MOUNTING BOLT
22 N·m (16 lb-ft)

FUEL JOINT PIPE NUT
36 N·m (27 lb-ft)

QUICK-CONNECT FITTING

11. Reinstall the parts in reverse order, and then check for any fuel leaks.

END