



SERVICE BULLETIN

Classification: FE11-001a	Reference: NTB11-068a	Date: November 22, 2011
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2011 QUEST; WILL NOT START WHEN PARKED ON INCLINE

This bulletin has been amended with superseded fuel tank assembly and fuel pump part numbers.

APPLIED VEHICLES: 2011 Quest (E52)

APPLIED VIN / DATE: Vehicles built before: JN8AE2KP(*)B9009017 / 4-Feb-2011

IF YOU CONFIRM:

- The engine will not start (starter operates but engine will not run) when the Applied Vehicle is parked on an incline (hill or slope), front or “nose” pointing down.
And
- The fuel pump is running but no fuel is being pumped to the injectors.

ACTION:

Replace the fuel tank and fuel pump assembly with the ones from the Parts Information section of this bulletin. Refer to **SECTION FL Fuel System** in the 2011 Quest Electronic Service Manual for part replacement procedure.

NOTE:

- This bulletin contains tips for assistance in replacing the fuel pump and tank. Refer to the **SERVICE PROCEDURE** in this document when applicable.
- Fuel Gauge Lock Plate SPX Tool #J-45747* is needed for step 6 of this procedure.
*J-45747 shipped as Essential to dealers 7-19-11 with an initial cost of \$146.91.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
TANK ASSY-FUEL	17202-1JA3B	1
PUMP COMP-FUEL	17040-1JA3A	1
PACK-FUEL GAUGE (O-Ring)	17342-1HJ0A	1
PLATE-LOCK, FUEL GAUGE	17343-1JA0A	1
SHIM-FUEL TANK (small)	17243-1JA2A	1
SHIM-FUEL TANK (large)	17243-1JA1A	8

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PPF	OP CODE	SYM	DIA	FRT
RPL FUEL TANK AND PUMP	(1)	FB10AA	ZE	32	(2)

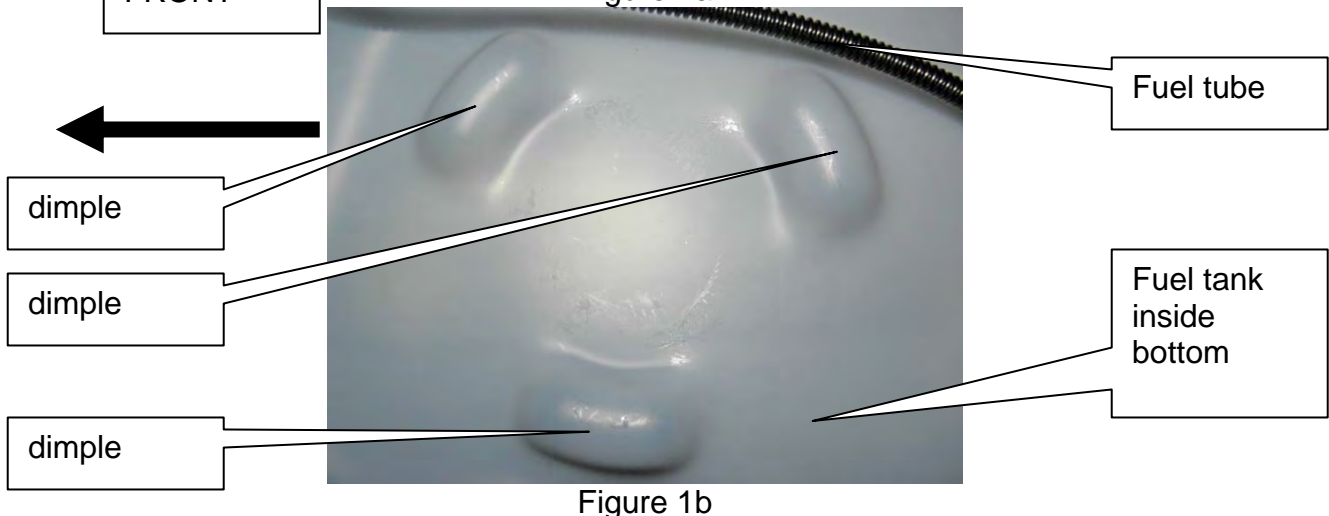
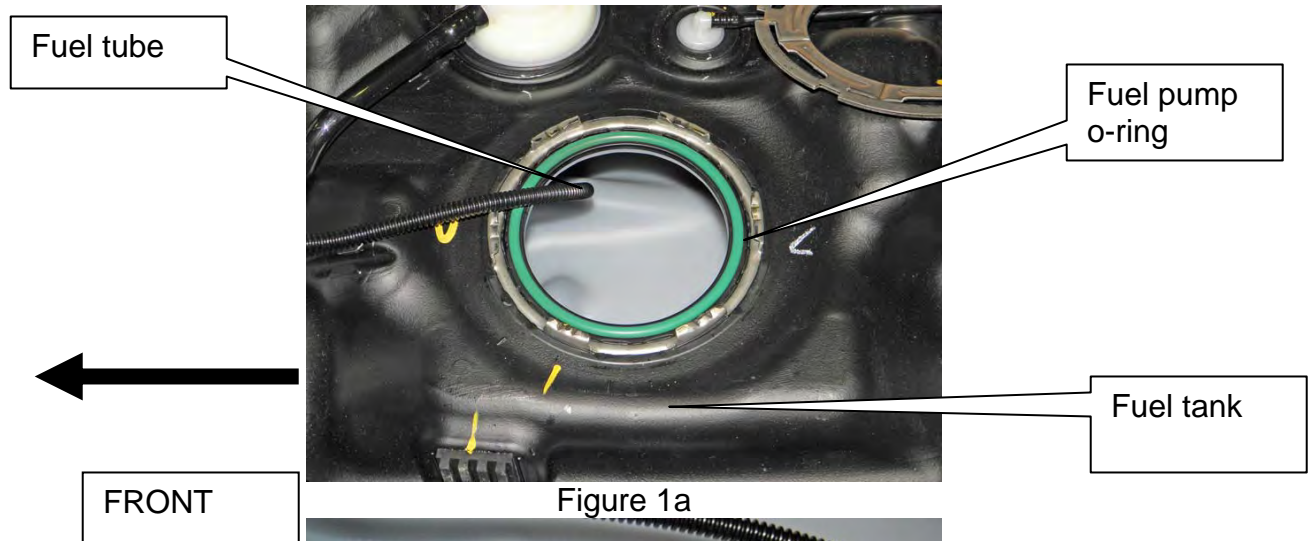
- (1) Reference the Parts Information Table above and use the TANK ASSY-FUEL P/N as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

SERVICE PROCEDURE

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near the vehicle fuel system.

1. Remove the fuel tank assembly from the vehicle. Refer to the applicable Electronic Service Manual (ESM) section for cautions and removal instructions. The tank and fuel pump assembly will not be re-used.
2. Install the new fuel pump O-ring (17342-1HJ0A) on to the new fuel tank (17202-1JA3B). See Figure 1a. Locate and pull out the pump end of the fuel tube from inside the new tank.

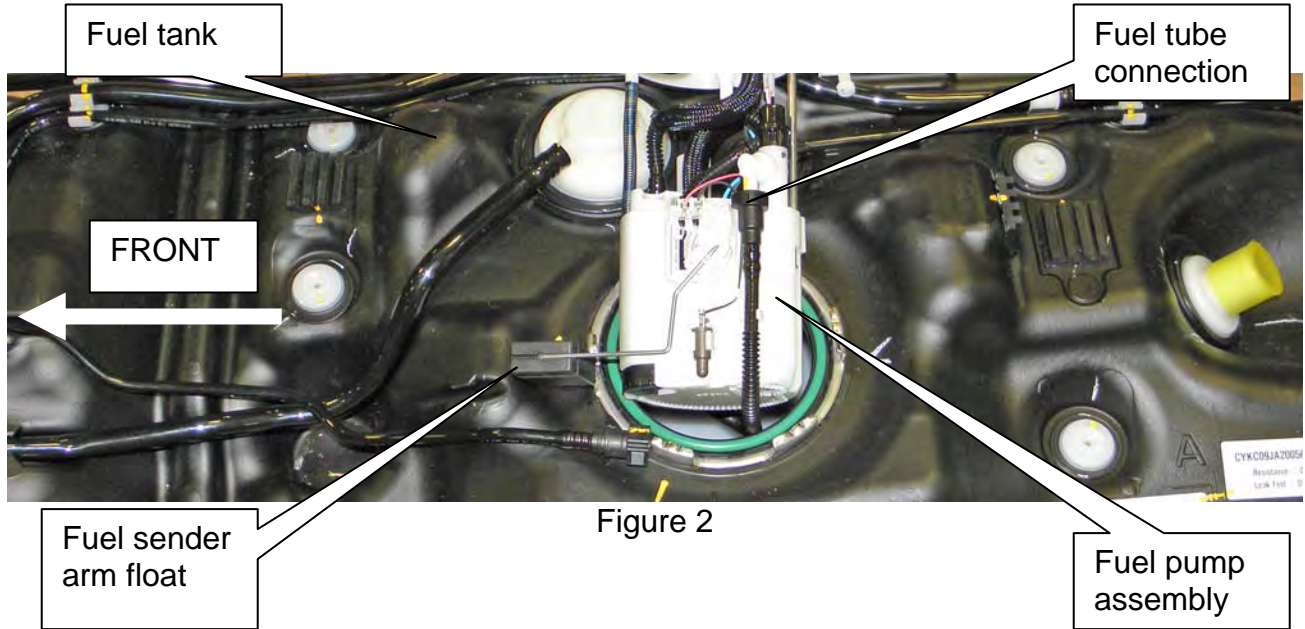
NOTE: At the bottom of the new tank are three “bumps” (dimples). See Figure 1b. The fuel pump assembly is made to fit (index) onto those dimples.



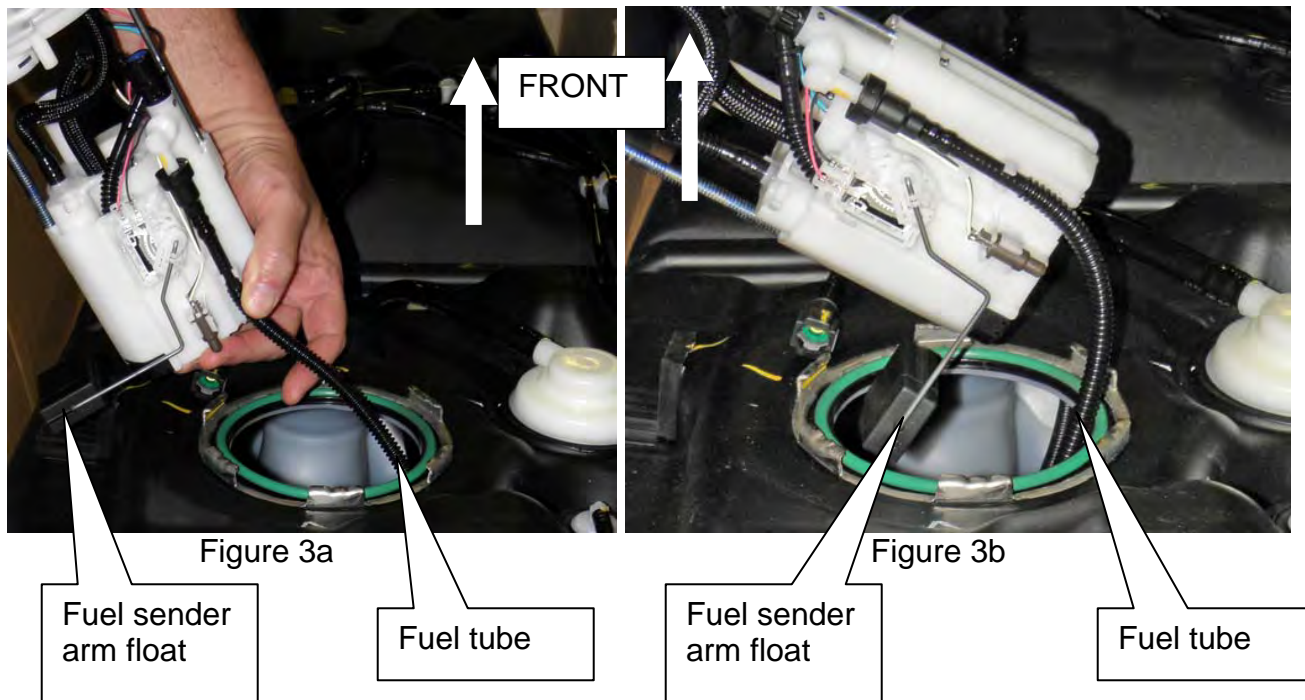
3. Connect the fuel tube to the new fuel pump assembly (17040-1JA3A).

CAUTION:

- Insert the fuel tube quick connector onto the fuel pump assy. until a “click” is heard.
- After insertion confirm the connector is locked by pulling and pushing the connector.



4. While guiding the fuel tube toward the right side of the tank (see Figure 3a) install the new fuel pump assembly into the tank with the sender arm float pointing to the left of the tank (see Figure 3b).



NOTE: Feed the fuel tube into the tank so it lays down on the right side of the tank (Fig. 4)

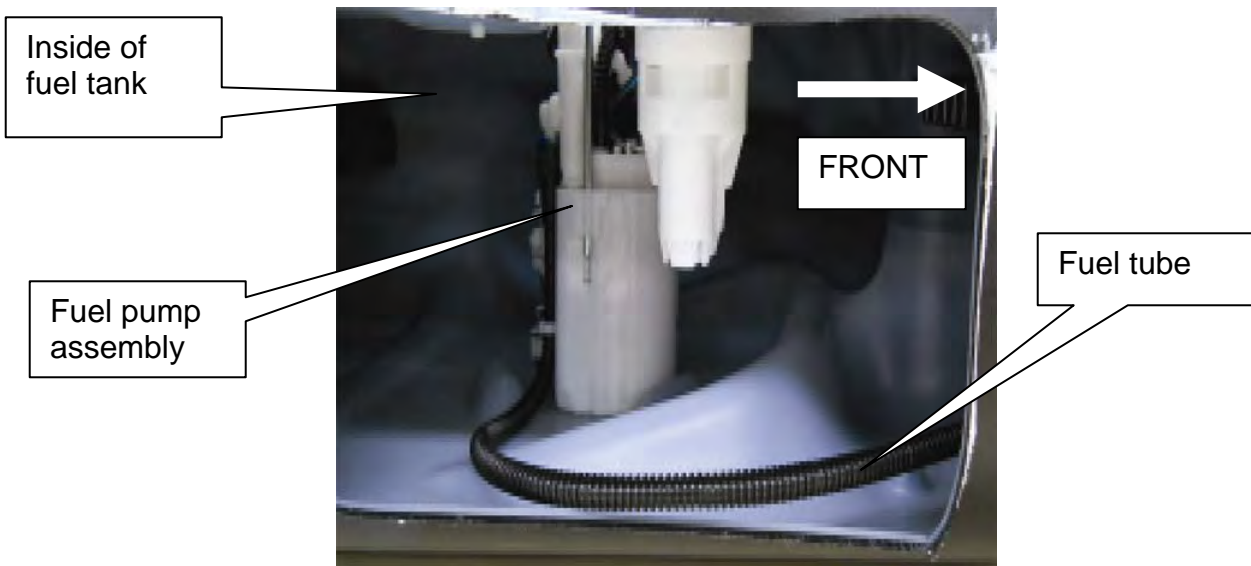
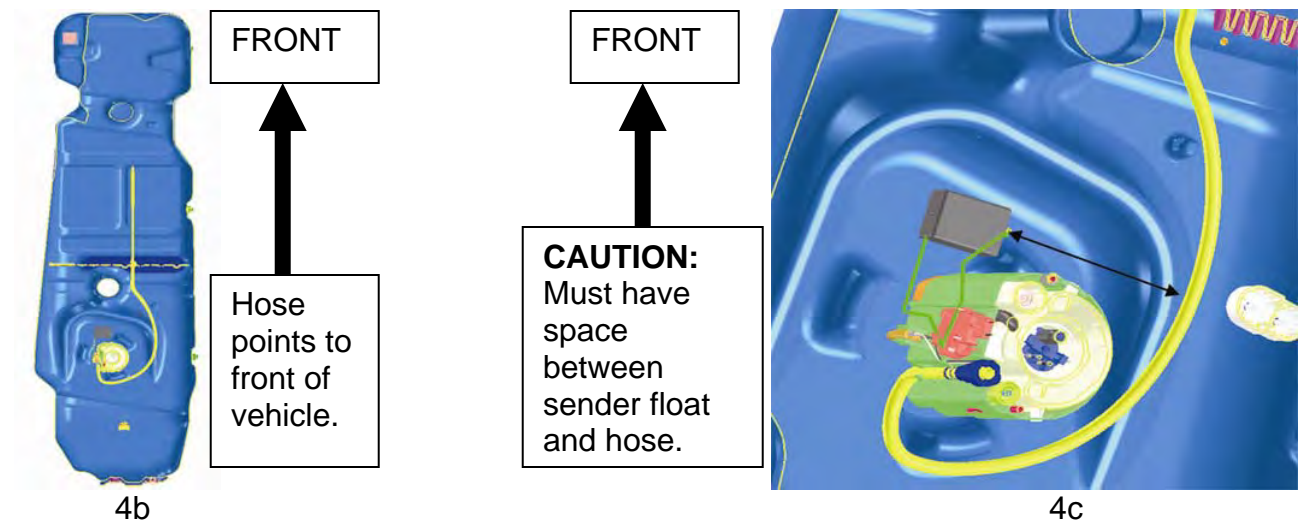


Fig. 4a (tank shown in cutaway view for clarity.)



5. Rotate fuel pump assembly 90° as shown (from Figure 5a to 5b) and push down to seat.

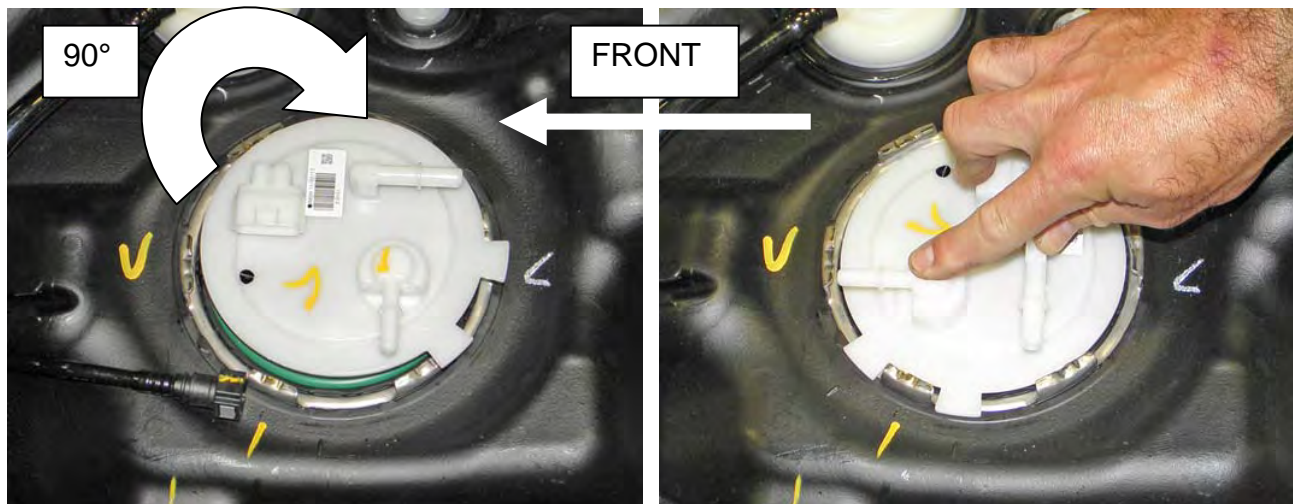


Fig. 5a

Fig. 5b

6. Place new Plate Lock-Fuel Gauge (17343-1JA0A) over fuel pump assembly and rotate to lock to tank using Fuel Gauge Lock Plate SPX Tool #J-45747.

7. Install new Fuel Tank Shims as shown in Figure 6 below

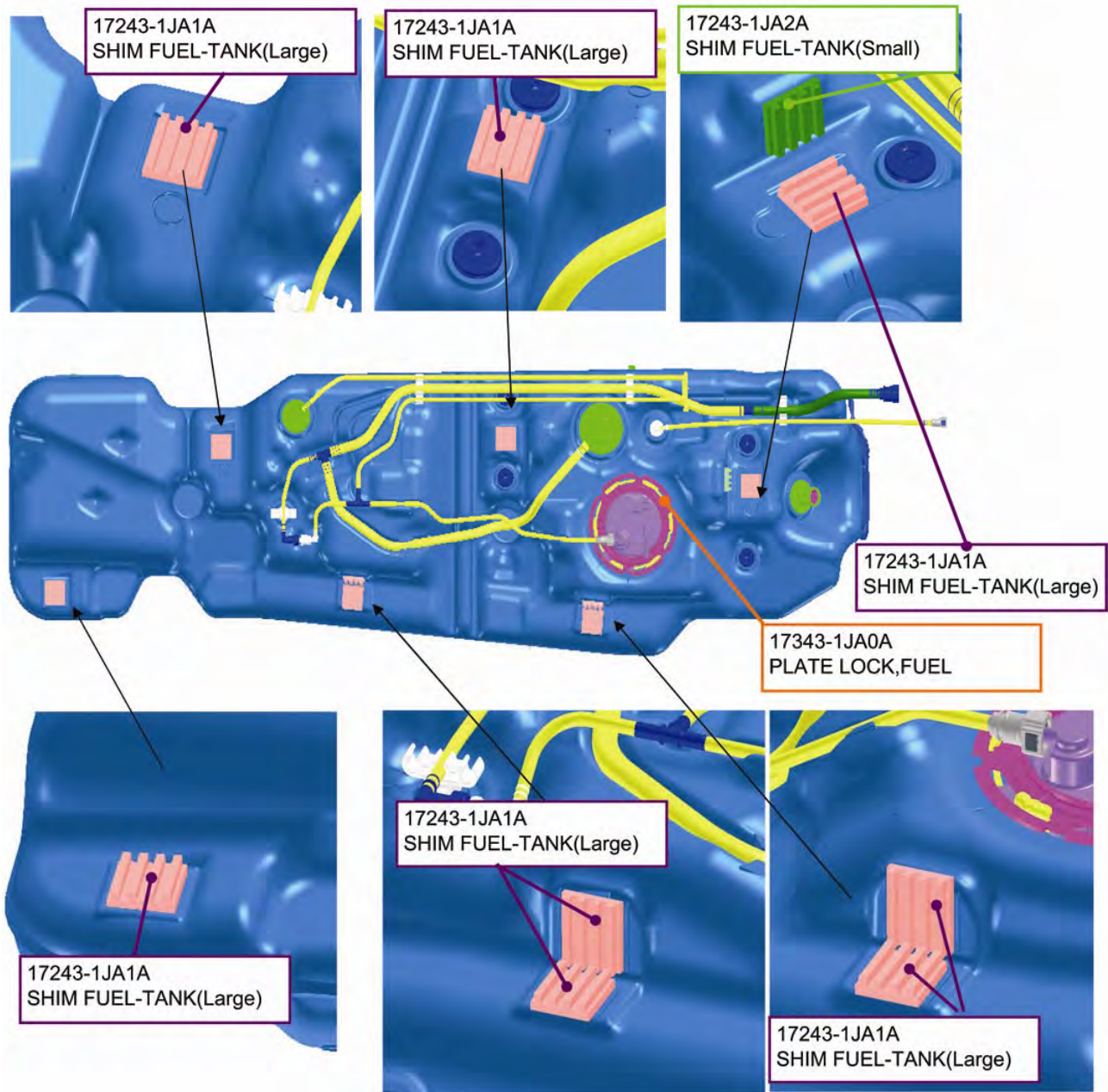


Fig. 6 (composite)

8. Attach vent line quick connector to fuel pump assembly.

9. Install the fuel tank assembly to the vehicle. Refer to the applicable Electronic Service Manual (ESM) section for cautions and installation instructions.