



XJ range

DATE 10/05

XJ310-03

SERVICE

TECHNICAL BULLETIN

Fuel Level Sender – Available Separately From Pump – Replacement Procedure

MODEL 2004-05 MY
XJ range

VIN G00442-G49700

Issue:

This Technical Bulletin is for information only, to inform dealers that if there is a fault with the fuel level sender unit, the fuel level sender unit can now be replaced as a separate part.

Action:

To install a new fuel level sender unit, follow the procedure below.

FUEL PUMP SENDER REPLACEMENT - FIRST-TIME REPAIR ONLY

First-time repair only

Note: There are two stages to the process for replacement of the fuel sender, one for a first-time repair, when the harness needs to be replaced, and another for any subsequent repairs to install a new fuel level sender from VIN G00421 to G49700.

Note: Check DDW to see if a previous first time repair has been carried out on the fuel level sender unit, before carrying out the Service Instruction.

1. Remove the fuel pump module(s) (see Global Technical Reference GTR Workshop Manual, section: 310-01).
2. Drain any remaining fuel into a suitable container

NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT TO DO THE JOB PROPERLY AND SAFELY. IT INFORMS THESE TECHNICIANS OF CONDITIONS THAT MAY OCCUR ON SOME VEHICLES, OR PROVIDES INFORMATION THAT COULD ASSIST IN PROPER VEHICLE SERVICE. THE PROCEDURES SHOULD NOT BE PERFORMED BY "DO-IT-YOURSELFERS." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR DEALER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.

Note: Fuel pump shown; jet pump similar.

3. Cut the wires to the level sender tile (Illustration 1).

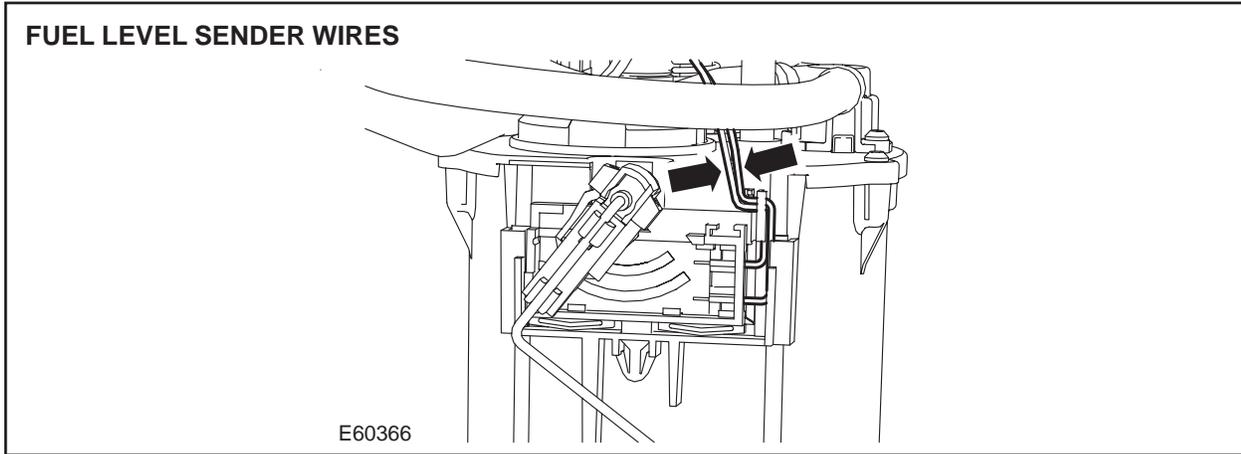


ILLUSTRATION 1

Note: Fuel pump shown; jet pump similar.

4. Using suitable pliers, release the locking tang of the sender tile from the housing (Illustration 2).

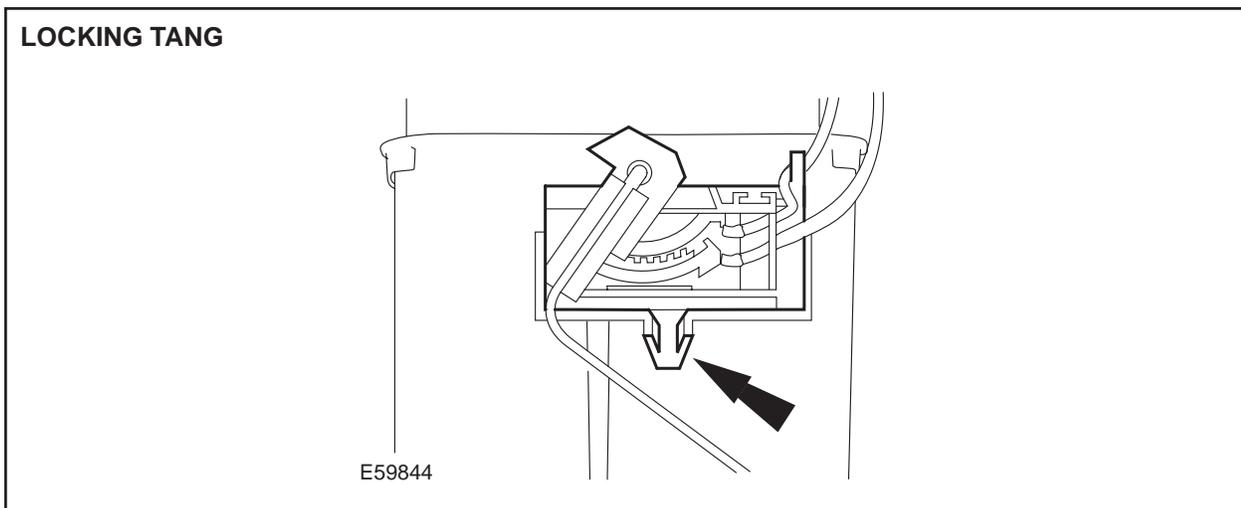


ILLUSTRATION 2

5. Remove the sender tile from the module.
6. Release the connector from the pump; note the orientation of the connector body as it passes through the flange.

Note: Fuel pump shown; jet pump similar.

7. Depress the retaining tangs of the connector body and release the connector from the flange (Illustration 3).

CONNECTOR RETAINING TANGS

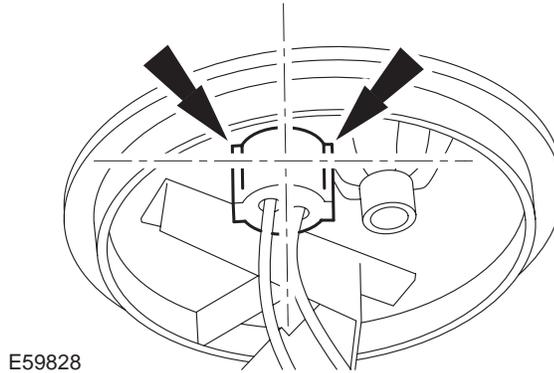


ILLUSTRATION 3

8. Withdraw the harness through the flange.

Installation

Note: Fuel pump shown; jet pump similar.

Note: Make sure the connector body locates firmly into the flange and that the O-ring seals to the flange.

9. Position the new flange harness through the flange in the same orientation as the original harness (Illustration 4).

CONNECTOR BODY FLANGE

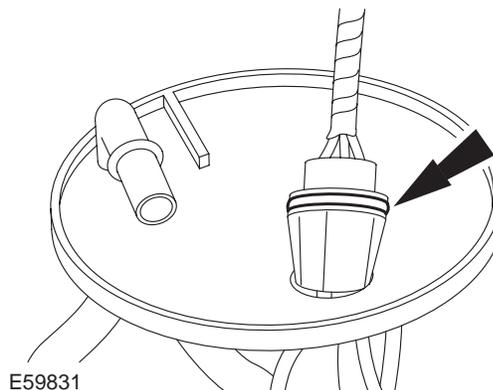


ILLUSTRATION 4

10. Connect the new harness to the pump.
11. Locate the new sender tile into the housing, making sure that the sender fully seats at each edge and that the tang clips are fully home.

Note: Fuel pump shown; jet pump similar.

12. Connect the new sender tile to the harness connector (Illustration 5).

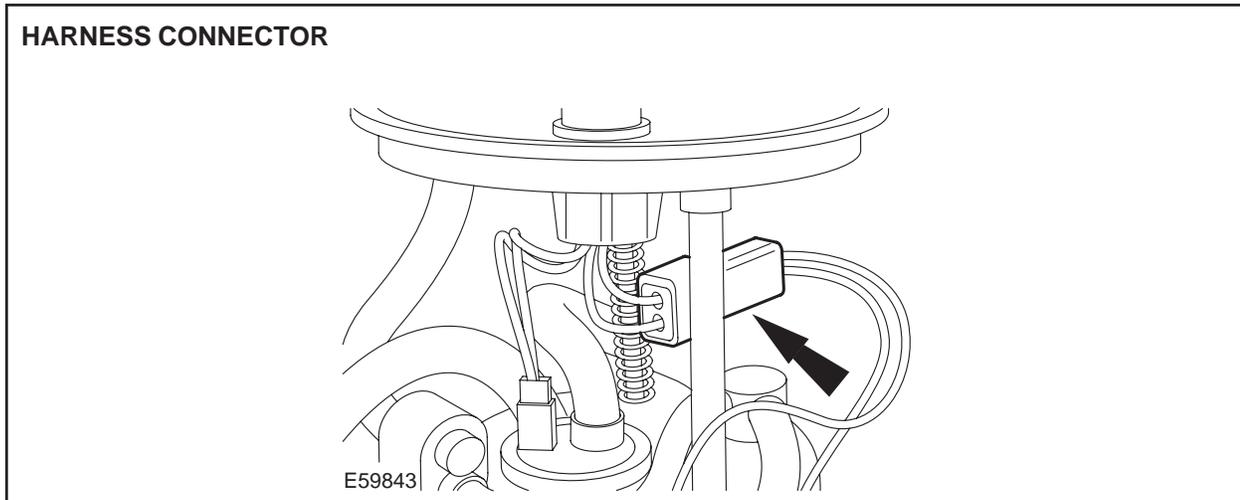


ILLUSTRATION 5

13. Install the fuel pump module(s) (see Global Technical Reference GTR Workshop Manual, section: 310-01).

For subsequent repairs to install a new fuel level sender

1. Install a new fuel level sender unit (see Global Technical Reference GTR Workshop Manual, section: 310-01).

Global Technical Reference (GTR) Workshop Manual Information:

Dealer access: <https://hub.franchise.jaguar.com>

Internet access: <http://www.jaguartechno.com>

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Jet pump sender - N/A - VIN G00421 to G49700	C2C 31126	1
Fuel pump sender - N/A - VIN G00421 to G49700	C2C 31125	1
Harness - N/A - Jet pump/Fuel pump - VIN G00421 to G49700	C2S 40438	1
Fuel pump sender - Right-hand - SC - VIN G00421 to G27200	C2C 31125	1
Fuel pump sender - Left-hand - SC - VIN G00421 to G27200	C2C 31127	1
Fuel pump sender - Right-hand - SC - VIN G27201 to G49700	C2C 31125	1
Fuel pump sender - Left-hand - SC - VIN G27201 to G49700	C2C 31127	1
Harness - Right-hand - SC - VIN G00421 to G27200	C2C 30776	1
Harness - Left-hand - SC - VIN G00421 to G27200	C2C 30777	1
Harness - SC - Right-hand/Left-hand - VIN G27201 to G49700	C2C 40438	1
Module gasket	XR8 5049	1

Warranty Information:

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Description	SRO	Time	Causal Part Number
Install fuel sender unit - First-time repair - Left-hand	88.91.15	1.4 hrs.	-
Install fuel sender unit - First-time repair - Right-hand - 4.2L SC - VIN G00421 Onwards	88.91.16	1.4 hrs.	-
Install fuel sender unit - First-time repair - Right-hand - 4.2L - VIN G00421 to G34532	88.91.16	1.5 hrs.	-
Install fuel sender unit - First-time repair - Right-hand - 4.2L - VIN G34533 Onwards	88.91.16	1.6 hrs.	-
Install fuel sender unit - Left-hand - 4.2L/4.2L SC - VIN G00421 to G34532	88.25.30	1.3 hrs.	-
Install fuel sender unit - Left-hand - 4.2L/4.2L SC - VIN G34533 Onwards	88.25.30	1.4 hrs.	-
Install fuel sender unit - Right-hand - 4.2L SC - VIN G00421 to G34532	88.25.31	1.3 hrs.	-
Install fuel sender unit - Right-hand - 4.2L SC - VIN G34533 Onwards	88.25.31	1.4 hrs.	-
Install fuel sender unit - Right-hand - 4.2L - VIN G00421 Onwards	88.25.31	1.5 hrs.	-

Note: Repair procedures are under constant review, and therefore repair times are subject to change. The times quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time.