



NUMBER: 08-024-10

GROUP: Electrical

DATE: September 22, 2010

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SUBJECT:

Fuel Gauge Fluctuation

OVERVIEW:

This Bulletin involves replacing the fuel sending unit, clocking the fuel module and installing a fuel jumper hose.

MODELS:

2007 - 2010 (PM) Caliber (FWD Only)
2007 - 2010 (MK) Compass / Patriot (FWD Only)

SYMPTOM/CONDITION:

The customer may complain that the fuel gauge is not accurate or fluctuates at 3/4 of a tank or above.

DIAGNOSIS:

Some customers may experience the condition described above. Perform the repair as described below.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68078218AB	Fuel Sending Unit Kit w/ Fuel Line Adaptor Built Before 3/1/2010
1	68078219AB	Fuel Sending Unit Kit w/o Fuel Line Adaptor Built After 3/1/2010

REPAIR PROCEDURE:

1. Remove the Fuel Pump Module using procedures found in DealerConnect>TechConnect > 14-Fuel System > Fuel Delivery, Gas > Module, Fuel Pump > Removal > Front Wheel Drive

NOTE: Mark the sending unit at the 4:00 position with 12:00 pointing to the rear of the vehicle.

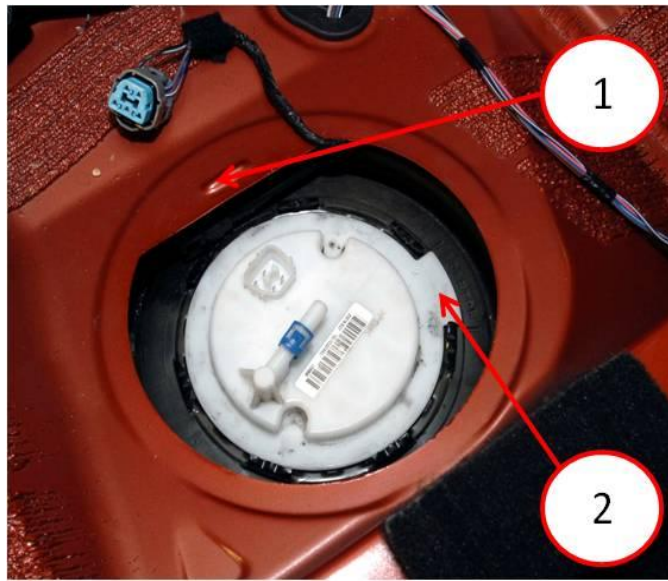


Fig. 1 Tab Location Removal

1 - 12 O'CLOCK POSITION LOOKING TOWARD THE BACK OF THE VEHICLE

2 - TAB LOCATED AT THE 4 O'CLOCK POSITION

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2. Remove the fuel pump sending unit from the Pump module.
 3. Install New Sender to the Fuel Pump Module.
 4. Install Fuel Pump Module using procedures found in DealerConnect>TechConnect > 14-Fuel System > Fuel Delivery, Gas > Module, Fuel Pump > Installation > Front Wheel Drive

NOTE: Clock the Fuel Module to the 2:00 position

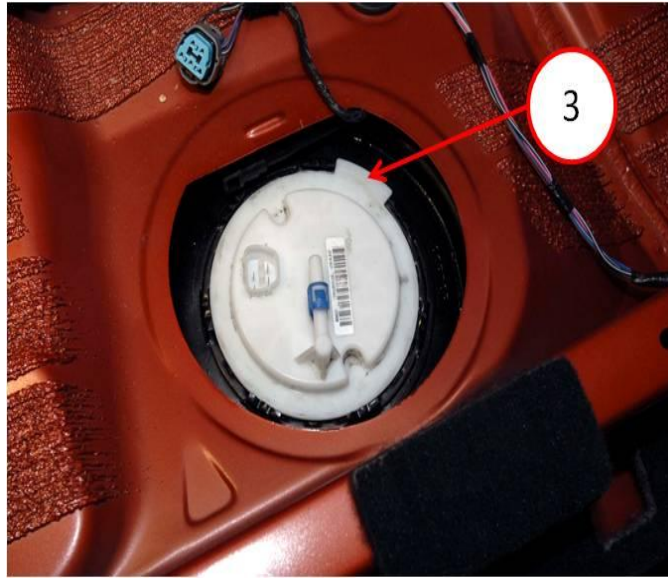


Fig. 2 Tab Location Installation

3 - TAB LOCATED AT THE 2 O'CLOCK POSITION

5. Install the jumper hose kit

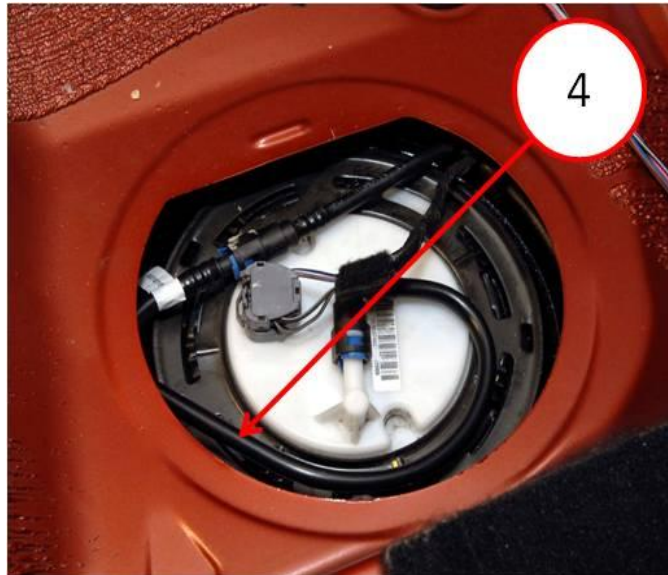


Fig. 3 Fuel Line Jumper

4 - FUEL LINE JUMPER IN PLACE

6. Re-Connect battery
7. Start vehicle and check for leaks
8. Re-install Fuel Pump Cover

9. Re-install padding and rear seat bottom
10. Return vehicle to customer.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
08-45-30-90	Fuel Sender and Line replace (B)	0.6 Hrs.

FAILURE CODE:

ZZ	Service Action
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