

June 10, 2014

BTB 51670 (1406)

MIL Comes On With DTC P0101

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2013	ILX	Base, Tech with Navigation, and Premium (all 2.0 L with A/T) (no ILX Hybrid)	ALL

SYMPTOM

The MIL comes on and DTC P0101 (MAF sensor circuit range/performance problem) is stored.

POSSIBLE CAUSES

The PCM misinterprets the mass air flow sensor inputs while driving with constant throttle movement.

CORRECTIVE ACTION

Do the diagnosis, and based on your results, update the PGM-FI software.

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update:

Application (FW) Version 3.01.37 **or later**

Database Update 13-JAN-2014 **or later**

HDS Software Version:

3.012.030 **or later**.

Before beginning the repair, make sure that both the HDS and the MVCI are updated as listed above.

Do only the update listed in this service bulletin.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the Recommended Update when the update begins. If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

Year/Model	Program ID (or later)	Program P/N (or later)	System to Update
2013 ILX	9AA650	37805-R9A-A65	PGM-FI

CLIENT 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 Acura automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
1255C6	Diagnose OBS data and update the PGM-FI software.	0.3 hour	14-015N	37805-R9A-A65

Defect Code: 03214

Symptom Code: 03203

Skill Level: Repair Technician

DIAGNOSIS

Review the OBS data as a line graph:

- Select **On-Board Snapshot**.
- Select the affected vehicle data.
- Select the **Configuration** button.
- Select **TP SENSOR**.
- Check **Line**, then select the **Line Graph** button.

The screenshot shows the 'PARAMETER SPECIFICATION' window for the TP SENSOR. The 'Line' checkbox is checked, and the 'Line Graph' button is highlighted. A red circle highlights the 'CHECK' button in the toolbar.

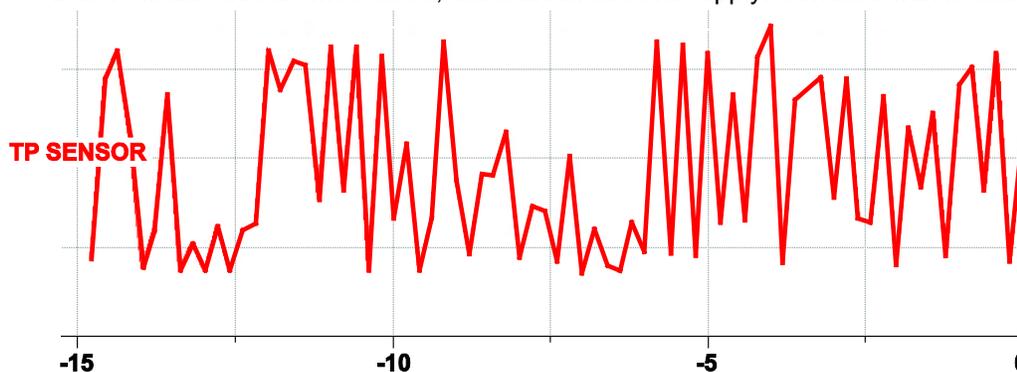
CONFIGURATION

LINE GRAPH

CHECK

Does the data show the vehicle driving with constant throttle movement like the example shown below?

- If there is **constant throttle movement**, go to REPAIR PROCEDURE.
- If there is little throttle movement, this bulletin does not apply. Continue with normal troubleshooting.



REPAIR PROCEDURE

Update the PGM-FI software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.