June 10, 2014 ATB 51671 (1406)

MIL Comes On With DTC P0101

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2012-13	Civic	ALL except Si and Hybrid	ALL
2012-13	Civic Natural Gas	ALL	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 9-Dec-2013 **or later**

HDS Software Version:

3.012.015 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 01-023, *Updating Control Units/Modules*.

Year/Model	Program ID (or later)	Program P/N (or later)	System to Update
2012 Civic (M/T)	1A3050	37805-R1A-305	PGM-FI
2012 Civic (A/T KA)	1A3060	37805-R1A-306	PGM-FI
2012 Civic (HF KA)	1A3070	37805-R1A-307	PGM-FI
2012 Civic (A/T KL with Denso fuel pump)	1Y3060	37805-R1Y-306	PGM-FI
2012 Civic (A/T KL with Bosch fuel pump)	1YL750	37805-R1Y-L75	PGM-FI
2012 Civic (HF KL with Bosch fuel pump)	1YL850	37805-R1Y-L85	PGM-FI
2012 Civic (HF KL with Denso fuel pump)	1Y3050	37805-R1Y-305	PGM-FI
2012 Civic (Natural Gas)	1Z3050	37805-R1Z-305	PGM-FI
2013 Civic (M/T)	1AA310	37805-R1A-A31	PGM-FI
2013 Civic (A/T KA)	1AA710	37805-R1A-A71	PGM-FI
2013 Civic (HF KA)	1AA680	37805-R1A-A68	PGM-FI
2013 Civic (HF KL)	1YL970	37805-R1Y-L97	PGM-FI
2013 Civic (Natural Gas)	1ZA560	37805-R1Z-A56	PGM-FI

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	14-031A	37805-R1A-A68

Defect Code: 03214

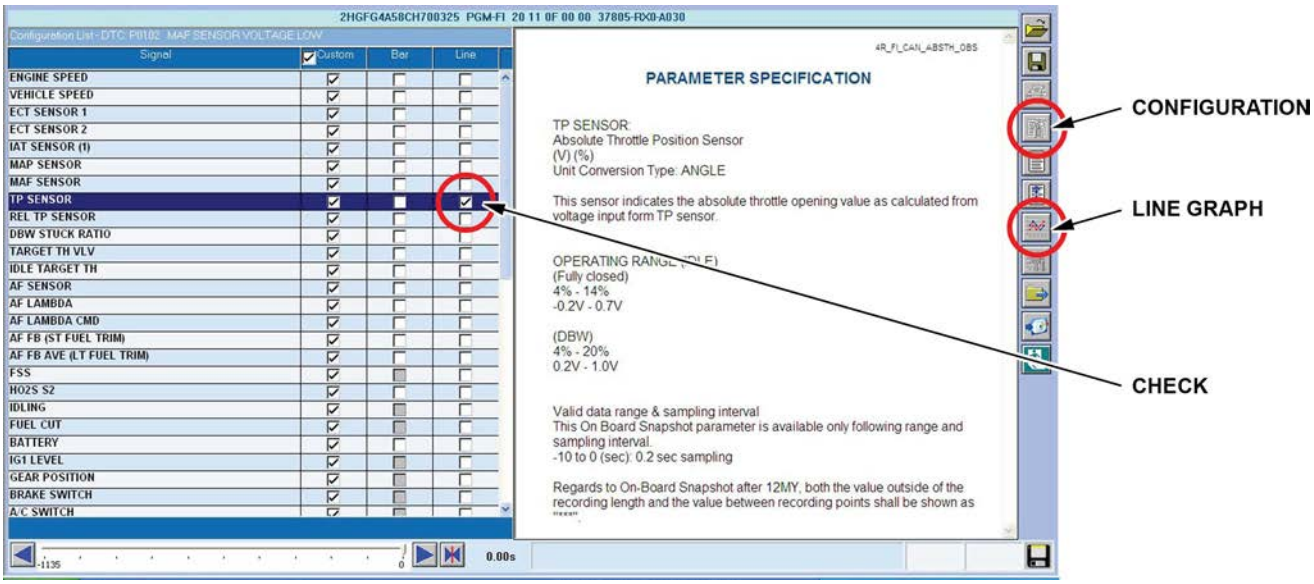
Symptom Code: 03203

Skill Level: Repair Technician

DIAGNOSIS

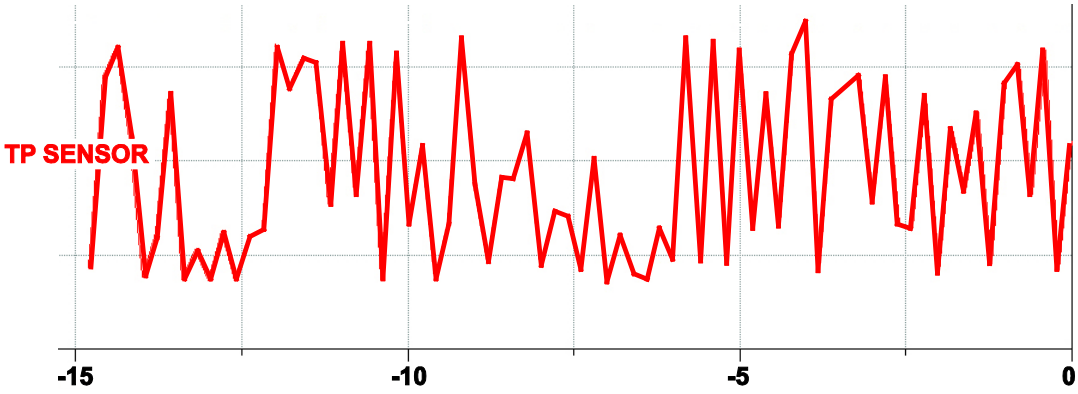
Review the OBS data as a line graph:

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



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 01-023, *Updating Control Units/Modules*.