

August 14, 2019

Version 1

MIL Comes On with DTC P0420

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2015-17	TLX	ALL with V6	ALL

SYMPTOM

The MIL comes on with DTC P0420 (rear bank catalyst system efficiency below threshold [bank 1]).

PROBABLE CAUSE

The PGM-FI software may misinterpret sensor inputs as a deteriorated catalytic converter.

CORRECTIVE ACTION

Update the PGM-FI software. Make sure the TCM software is up to date; update it if needed. PCM idle learn and CKP-pattern clear/learn is not required.

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.

SOFTWARE INFORMATION

NOTE

Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.

i-HDS Software Version: **1.005.029 or later**

J2534 Rewrite Software Information:

- PC Application Version **1.1.0.6 or later**
- Database update **17-JUL-2019 or later**

Before beginning the repair, make sure that both the i-HDS and J2534 Rewrite software are updated as listed above.

Do only the update listed in this service bulletin.

You cannot apply the updates with the MVCI as a standalone tool. To update the software you must use the MVCI or the DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

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

Year/Model	Trim Level	Software System	Program ID (or later)	Program P/N (or later)
2015-16 TLX	Base	PGM-FI	J23250	37805-5J2-325
	With Technology Package			
	With Advance Package	PGM-FI	J23260	37805-5J2-326
2015-16 TLX SH-AWD®	With Technology Package	PGM-FI	J23270	37805-5J2-327
	With Advance Package	PGM-FI	J23290	37805-5J2-329
2017 TLX	Base	PGM-FI	J24250	37805-5J2-425
	With Technology Package			
	With Advance Package	PGM-FI	J24260	37805-5J2-426
2017 TLX SH-AWD®	With Technology Package	PGM-FI	J24270	37805-5J2-427
	With Advance Package	PGM-FI	J24280	37805-5J2-428

NOTE

Make sure the TCM software is up to date.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	B19049A	37805-5J2-325
B	Confirm the TCM software.	0.1 hr				
C	Update the TCM software.	0.1 hr				

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Update the PGM-FI software using the i-HDS J2534 rewrite software with the MVCI or DST-i. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.
2. Using the J2534 rewrite software, make sure the TCM software is up to date. If it is not up to date, update it.

END