

April 25, 2019

Version 1

CVT Sets DTC P2817

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017-18	CR-V	ALL	ALL
2016-18	Civic (Includes 5-Door)	ALL with 1.5L engine and CVT	ALL
2018-19	Accord	ALL with CVT	1HGCV1F...KA000001 thru 1HGCV1F...KA070364

BACKGROUND

The shift position indicator ("D" light) starts flashing due to DTC P2817, (Shift solenoid valve O/P [pressure control solenoid H] stuck off) being set.

When the TCM checks the drive pulley oil pressure, it misreads the pressure as high even though oil pressure is within specification.

CORRECTIVE ACTION

Update the PGM-FI and TCM software.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F7	Update the PGM-Fi and the TCM control units. (CR-V)	0.4 hr	03214	03217	A19047A	28101-5RH-A040
1255F7	Update the PGM-Fi and the TCM control units. (Civic)	0.4 hr	03214	03217	A19047B	28101-5CG-A080
1255F7	Update the PGM-Fi and the TCM control units. (Accord)	0.4 hr	03214	03217	A19047C	28101-6A7-A230

Skill Level: Repair Technician

CUSTOMER 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 Honda 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: **1.004.064 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6 or later**
- Database update **06-APR-2019 or later**

Before beginning the repair, make sure that both the i-HDS and J2534 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 01-023, *Updating Control Units/Modules*.

CR-V

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2017 CR-V (2WD)	PGM-FI	37805-5PA-3060	37805-5PA-306
	TCM	28101-5RH-A040	28101-5RH-A04
2017 CR-V (AWD)	PGM-FI	37805-5PA-3080	37805-5PA-308
	TCM	28101-5RG-A040	28101-5RG-A04
2018 CR-V (2WD)	PGM-FI	37805-5PA-A690	37805-5PA-A69
	TCM	28101-5RH-A040	28101-5RH-A04
2018 CR-V (AWD)	PGM-FI	37805-5PA-A890	37805-5PA-A89
	TCM	28101-5RG-A040	28101-5RG-A04

Civic

Year/Model	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2016 Civic (2/4 Door: EX)	KA	PGM-FI	37805-5AA-A580	37805-5AA-A58
		TCM	28101-5CG-A080	28101-5CG-A08
2016 Civic (2/4 Door: Touring)	KA	PGM-FI	37805-5AA-A680	37805-5AA-A68
		TCM	28101-5CG-A080	28101-5CG-A08
2016 Civic (2/4 Door: EX)	KL	PGM-FI	37805-5AA-L590	37805-5AA-L59
		TCM	28101-5CG-A080	28101-5CG-A08
2016 Civic (2/4 Door: Touring)	KL	PGM-FI	37805-5AA-L690	37805-5AA-L69
		TCM	28101-5CG-A080	28101-5CG-A08

Year/Model	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2017 Civic (2/4 Door: EX)	KA	PGM-FI	37805-5AA-A580	37805-5AA-A58
		TCM	28101-5CG-A080	28101-5CG-A08
2017 Civic (2/4 Door: EX)	KL	PGM-FI	37805-5AA-L590	37805-5AA-L59
		TCM	28101-5CG-A080	28101-5CG-A08
2017 Civic (2/4 Door: Touring)	KA	PGM-FI	37805-5AA-A680	37805-5AA-A68
		TCM	28101-5CG-A080	28101-5CG-A08
2017 Civic (2/4 Door: Touring)	KL	PGM-FI	37805-5AA-L690	37805-5AA-L69
		TCM	28101-5CG-A080	28101-5CG-A08
2017 Civic (5-Door: LX with CVT)	KA	PGM-FI	37805-5AN-A540	37805-5AN-A54
		TCM	28101-5CK-A040	28101-5CK-A04
2017 Civic (5-Door: LX with Honda Sensing)	KA	PGM-FI	37805-5AN-A750	37805-5AN-A75
		TCM	28101-5CK-A150	28101-5CK-A15
2017 Civic (5-Door: LX with CVT)	KL	PGM-FI	37805-5AN-L540	37805-5AN-L54
		TCM	28101-5CK-A040	28101-5CK-A04
2017 Civic (5-Door: EX, EX-L)	KL	PGM-FI	37805-5AN-9540	37805-5AN-954
		TCM	28101-5CK-A040	28101-5CK-A04
2017 Civic (5-Door: EX, EX-L)	KA	PGM-FI	37805-5AN-B540	37805-5AN-B54
		TCM	28101-5CK-A040	28101-5CK-A04
2017 Civic (5-Door: Sport with CVT)	KA	PGM-FI	37805-5AN-A640	37805-5AN-A64
		TCM	28101-5CK-C040	28101-5CK-C04
2017 Civic (5-Door: Sport with CVT)	KL	PGM-FI	37805-5AN-L640	37805-5AN-L64
		TCM	28101-5CK-C040	28101-5CK-C04
2017 Civic (5-Door: Sport Touring)	KA	PGM-FI	37805-5AN-A850	37805-5AN-A85
		TCM	28101-5CK-C150	28101-5CK-C15
2018 Civic (2-Door: EX) (4-Door: EX-T)	KA	PGM-FI	37805-5AA-A720	37805-5AA-A72
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (2-Door: EX) (4-Door: EX-T)	KL	PGM-FI	37805-5AA-L720	37805-5AA-L72
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (2-Door: Touring) (4-Door: EX-T with Honda Sensing)	KA	PGM-FI	37805-5AA-A820	37805-5AA-A82
		TCM	28101-5GC-A820	28101-5GC-A82

Year/Model	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2018 Civic (2-Door: Touring) (4-Door: EX-T with Honda Sensing)	KL	PGM-FI	37805-5AA-L820	37805-5AA-L82
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX-A with CVT)	KA	PGM-FI	37805-5BA-A510	37805-5BA-A51
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX-A with CVT)	KL	PGM-FI	37805-5BA-L410	37805-5BA-L41
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX with Honda Sensing with CVT)	KA	PGM-FI	37805-5AJ-A620	37805-5AJ-A62
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX with Honda Sensing with CVT)	KL	PGM-FI	37805-5AJ-L620	37805-5AJ-L62
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX with Navigation and CVT)	KA	PGM-FI	37805-5AJ-A520	37805-5AJ-A52
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (4-Door: EX with Navigation and CVT)	KL	PGM-FI	37805-5AJ-L520	37805-5AJ-L52
		TCM	28101-5GC-A820	28101-5GC-A82
2018 Civic (5-Door: LX with CVT)	KA	PGM-FI	37805-5AN-A540	37805-5AN-A54
		TCM	28101-5CK-A040	28101-5CK-A04
2018 Civic (5-Door: LX with CVT)	KL	PGM-FI	37805-5AN-L540	37805-5AN-L54
		TCM	28101-5CK-A040	28101-5CK-A04
2018 Civic (5-Door: LX with Honda Sensing)	KA	PGM-FI	37805-5AN-A750	37805-5AN-A75
		TCM	28101-5CK-A150	28101-5CK-A15
2018 Civic (5-Door: LX with Honda Sensing)	KL	PGM-FI	37805-5AN-L750	37805-5AN-L75
		TCM	28101-5CK-A150	28101-5CK-A15
2018 Civic (5-Door: EX, EX-L)	KA	PGM-FI	37805-5AN-9540	37805-5AN-954
		TCM	28101-5CK-A040	28101-5CK-A04
2018 Civic (5-Door: EX, EX-L)	KL	PGM-FI	37805-5AN-B540	37805-5AN-B54
		TCM	28101-5CK-A040	28101-5CK-A04
2018 Civic (5-Door: EX with Honda Sensing)	KA	PGM-FI	37805-5AN-A950	37805-5AN-A95
		TCM	28101-5CK-A150	28101-5CK-A15
2018 Civic (5-Door: EX with Honda Sensing)	KL	PGM-FI	37805-5AN-L950	37805-5AN-L95
		TCM	28101-5CK-A150	28101-5CK-A15

Year/Model	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2018 Civic (5-Door: Sport with CVT)	KA	PGM-FI	37805-5AN-A640	37805-5AN-A64
		TCM	28101-5CK-C040	28101-5CK-C04
2018 Civic (5-Door: Sport with CVT)	KL	PGM-FI	37805-5AN-L640	37805-5AN-L64
		TCM	28101-5CK-C040	28101-5CK-C04
2018 Civic (5-Door: Sport Touring with CVT)	KA	PGM-FI	37805-5AN-A950	37805-5AN-A95
		TCM	28101-5CK-C150	28101-5CK-C15
2018 Civic (5-Door: Sport Touring with CVT)	KL	PGM-FI	37805-5AN-L850	37805-5AN-L85
		TCM	28101-5CK-C150	28101-5CK-C15

Accord

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2018-19 1.5L Accord LX	PGM-FI	37805-6A0-A550	37805-6A0-A55
	TCM	28101-6A7-A230	28101-6A7-A23
2018-19 1.5L Accord Sport	PGM-FI	37805-6A0-A650	37805-6A0-A65
	TCM	28101-6A7-A330	28101-6A7-A33
2018-19 1.5L Accord EX, EX-L	PGM-FI	37805-6A0-A750	37805-6A0-A75
	TCM	28101-6A7-A230	28101-6A7-A23
2018 1.5L Accord Touring	PGM-FI	37805-6A0-A850	37805-6A0-A85
	TCM	28101-6A7-A330	28101-6A7-A33

REPAIR PROCEDURE

Update the PGM-FI and TCM software using the i-HDS J2534 rewrite software with the MVCI or DST-i. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

NOTES

- Connect a fully charged jumper battery, and leave it connected during the entire procedure to maintain steady voltage.
- Do not use the MongoosePro VCI tool.

NOTICE

- Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
- To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C power windows, door locks, etc.) during the update.

END