

March 21, 2019

Version 2

# **Product Update: Fuel Level Sensor DTC P0461 Software Update**

# AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019	Civic	2-door and 4-door only	Check the iN VIN status for eligibility

#### BACKGROUND

The PCM software misinterprets sensor inputs as a fuel sender issue, and sets DTC P0461 (Fuel Level Sensor (Fuel Gauge Sending Unit) Circuit Range/Performance Problem).

# **CUSTOMER NOTIFICATION**

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

## **CORRECTIVE ACTION**

Update the PGM-FI software.

## WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255F2	Update the PGM-FI software.	0.2 hr	6LS00	C4800	A19035A	37805-5AA-A95

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 12-MAR-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.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Factory	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2019 Civic (LX with M/T 4- door)	Indiana/ Canada	КА	PGM-FI	BBA040	37805-5BB-A04
2019 Civic (LX with CVT 2- door, 4-door)	Indiana/ Canada	KA	PGM-FI	BBA540	37805-5BB-A54
2019 Civic (Sport with M/T 2-door, 4-door)	Indiana/ Canada	KA	PGM-FI	BBA140	37805-5BB-A14
2019 Civic (Sport with CVT 2-door, 4-door)	Indiana/ Canada	KA	PGM-FI	BBA640	37805-5BB-A64
2019 Civic (EX with CVT 2- door, 4-door)	Indiana/ Canada	КА	PGM-FI	AAA950	37805-5AA-A95
2019 Civic (EX- L with CVT, 4- door)	Indiana/ Canada	КА	PGM-FI	AAA950	37805-5AA-A95
2019 Civic (TRG with CVT 2-door, 4-door)	Indiana/ Canada	KA	PGM-FI	AAA950	37805-5AA-A95
2019 Civic (EX with CVT, 4- door)	Japan	КА	PGM-FI	AJA750	37805-5AJ-A75
2019 Civic (EX- L with CVT, 4- door)	Japan	KA	PGM-FI	AJA750	37805-5AJ-A75
2019 Civic (TRG with CVT, 4-door)	Japan	КА	PGM-FI	AJA750	37805-5AJ-A75

Year/Model	Factory	Emission Code	Software System	Program ID (or later)	Program P/N (or later)
2019 Civic (LX with CVT 2- door, 4-door)	Indiana/ Canada	KL	PGM-FI	BBL540	37805-5BB-L54
2019 Civic (Sport with CVT 2-door, 4-door)	Indiana/ Canada	κL	PGM-FI	BBL640	37805-5BB-L64
2019 Civic (EX with CVT 2- door, 4-door)	Indiana/ Canada	KL	PGM-FI	AAL950	37805-5AA-L95
2019 Civic (EX- L with CVT, 4- door)	Indiana/ Canada	KL	PGM-FI	AAL950	37805-5AA-L95
2019 Civic (TRG with CVT 2-door, 4-door)	Indiana/ Canada	KL	PGM-FI	AAL950	37805-5AA-L95
2019 Civic (EX with CVT, 4- door)	Japan	KL	PGM-FI	AJL750	37805-5AJ-L75
2019 Civic (EX- L with CVT, 4- door)	Japan	KL	PGM-FI	AJL750	37805-5AJ-L75
2019 Civic (TRG with CVT, 4-door)	Japan	KL	PGM-FI	AJL750	37805-5AJ-L75

## **REPAIR PROCEDURE**

#### NOTE

- Connect a fully charged jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- 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.
- Do not use the MongoosePro VCI tool.
- 1. Click on the i-HDS icon from the Desktop.



2. On the HOME menu, select the **J2534 Rewrite** icon.

Inded Degresik: Spiler Vir 2002211	1	
Lonnect to the Vehicle	Stored Data Flayback	Settings
Related applications	Immobilizer Setup Tool	J2534 Rewrite
VCI Reset (may take up to an hour)		
enstern 🚳 🌈 🥅 🔭 🧖 🖳 🚾 Hirsto Diagona		調 수 왕 등 등 4 50 RM 100001

3. Select Start. Do not enter a service bulletin number.



# NOTE

Under certain conditions the HOME menu screen may pop back up, if it does, just minimize the screen to show the screen below.

4. Connect to a vehicle and select **Star**t to begin reprogramming procedures.

		HONDA The Power of Dreams		
	Hond	a ECU Reprogra	amming	
	PC Dat Not	CApplication version:1. abase Update :12-MAR Calibration Files :199 iceDB version:12-MAR	1.0.6 1-2019 8 -2019	
Do not perform CM U If a wireless co	pdates across any typ nnection is disrupted o Always perform CM U	WARNING e of wireless connectio turing CM Update, perr lpdates using the cable	in between the laptop and manent damage to the EC e of the interface device.	the interface device. U is possible.
IMPORTANT NOTICE: Ame Pass Thru Programming s applicable control module:	rrican Honda Motor Co., In oftware, Using the latest v s.	c. urges end users to alway ersion of the software is th	ys use the latest production reli e best way to ensure successf	ease of the J2534 Honda ul reprogramming of
		0577710	Crew Directory	Circl

5. Follow the on-screen instructions, then select Next.

Honda J2534 Pass Thru ECU Repr	gramming Ver. 1.1.0.6		
		CM Update Mode	
Use a battery booster w Press ENTER	hile reprogramming	the vehicle.	
1. Connect the PC to th	e Pass-thru device.		
2. At the vehicle, turn th connector (DLC).	e ignition switch ON(	(II), then connect the pass-thru d	evice to the vehicle's SAE J1962
3. Click Next to continue	£.		
Back	Help		Next

6. Enter the VIN and Repair Order. Then select Next.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.6	
v	/IN & Repair Order
VIN:	2HGFC2F68KH525333
Repair Order#:	
Odometer(mile):	3
Back	Next

7. Select the system you want to update and click **Select**.

# NOTE

Please wait until vehicle communication has completed.

	System Selection	
PGM-FI		
		20
		( )

8. Confirm the update information and select **ENTER** to start reprogramming.

CM Update Mode	
	ENTER
CM Update Mode	
rol Module Update.	
	CM Update Mode

9. The Control Module Update is now completed.

	CM Update Mode		
The Control Module Update is comp by you want to repeat this system of YES, Press ENTER. NO, Press ESC. Viter update is completed, check/di Jse the Check All DTCs function.	oleted. update on another vehicle? agnose any DTCs in each appli	cable system.	
System : 'GM-FI 'Fevious program ID 37805-56B-L520 Jpdated program ID 37805-56B-L540 'rogram Part No : 17805-56B-L54 Jodet : Civic Jpdate Description : Running Change			

10. California residents only: Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use C48 as the recall number. Have the service advisor give the certificate to your customer, and advise him or her to keep it as proof that the recall was completed. Your customer will need to submit this certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number Y0657.



END