

October 21, 2020

Version 2

DTC P1FBF at Startup

Supersedes 20-061, dated September 2, 2020, to revise the information highlighted in **yellow**.

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2017-19	Clarity Fuel Cell	ALL	ALL

REVISION SUMMARY

- Under **CORRECTIVE ACTION, WARRANTY CLAIM INFORMATION, and REPAIR PROCEDURE**, the iHDS Vehicle System name was changed from FC to AIR PUMP CONTROLLER.
- Under **SOFTWARE INFORMATION**, versions were updated and iHDS Vehicle System name was changed.

SYMPTOM

The MIL comes on with DTC P1FBF (air pump controller failure [internal failure warning]) during startup.

POSSIBLE CAUSE

The air pump software during startup is not fully operational.

CORRECTIVE ACTION

Update the **air pump controller** software.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255B8	Update the air pump controller software.	0.2 hr	03214	03217	A20061A	3G210-5WM-A02

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 diagnostic and reprogramming software are not covered under warranty.

Before beginning the repair, make sure all diagnostic and reprogramming software are updated as listed.

i-HDS Software Version	1.006.013 or later
HDS Software Version	3.104.014 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1
Database Update	23-SEP-2020 or later
NoticeDB Version	23-SEP-2020 or later

Update only the systems and software listed in this service bulletin.

American Honda has validated and approved the Denso DST-I as the vehicle communication interface (VCI) to support this service bulletin.

For more information about updating vehicle systems, refer to service bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2017-19 Clarity Fuel Cell	AIR PUMP CONTROLLER	3G215-5WM-A020

INSPECTION PROCEDURE

Using the i-HDS, make sure DTC P1FBF is set.

- If this DTC is set, clear it and go to REPAIR PROCEDURE.
- If this DTC is not set, this bulletin does not apply.

REPAIR PROCEDURE

NOTICE

- Make sure the 12-volt battery is fully charged before starting an update.
- Connect a fully charged jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- Do not use the GR8 because the vehicle requires a steady electrical current.
- Control module failure caused by the improper completion of a software update (early key cycle, low battery voltage, disconnected DLC cable, etc.) is not covered by warranty.
- If an error occurs during the update or the i-HDS freezes, **do not disconnect the battery or turn the ignition to OFF**. Reboot the i-HDS, and start over.
- To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- Warranty reimbursement for technician labor is not allowed for **routine** checking/installation of any available software update, and this update will not require entering a service bulletin number

Update the **air pump controller** software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-023, *Updating Control Units/Modules*.

END