

August 31, 2021

Version 1

## ACC Warning Lamp Is On With DTC P2583-76 In Low/Near Freezing Ambient Temperatures

### AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2018–20	Accord	ALL	ALL
2017–20	Civic (Except Type R)	ALL	ALL
2021	Civic (Except Type R)	ALL	19XFC1...ME200001 thru 19XFC1...ME204077 19XFC1...ME000001 thru 19XFC1...ME005090 19XFC2...ME200001 thru 19XFC2...ME201287 19XFC2...ME000001 thru 19XFC2...ME001538 2HGFC1...MH700001 thru 2HGFC1...MH700301 2HGFC2...MH500001 thru 2HGFC2...MH534051
2017–19	CR-V	ALL	ALL
2019–20	Insight	ALL	ALL
2021	Insight	ALL	19XZE4...ME000001 thru 19XZE4...ME010203

### SYMPTOM

The ACC system error message comes on while driving when outside temperatures are low/near freezing.

### POSSIBLE CAUSE

Snow and ice stuck to the front of the millimeter wave radar can cause DTC P2583-76 (Temporary stop of Integrated Driver Support System [Misalignment Millimeter Wave Radar]) to be stored.

### CORRECTIVE ACTION

After the inspection procedure, update the millimeter wave radar software if needed.

**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.

## WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7805J1	Diagnose and inspect millimeter wave radar. Includes DTC clear.	0.3 hr	03214	03217	A21068A	36803-TLA-A03
7385A2	Update the millimeter wave radar software.	0.2 hr				

Skill Level: Repair Technician

## INSPECTION PROCEDURE

- Connect the i-HDS and check whether DTC P2583-76 (Temporary Stop of Integrated Driver Support System [Misalignment Millimeter Wave Radar]) is stored.
- Inspect the millimeter wave radar and the mounting bracket, and confirm that they are not deformed or damaged.
- Ask the customer questions to confirm whether there was a possibility of snow/ice being stuck to the front of the radar when the symptom occurred. Was it snowing or was the temperature below freezing?
- If you confirm the above content and can judge that the symptom occurred due to snow/ice sticking to the radar, proceed with the repair procedure below, and have the Service Advisor provide an explanation to the customer. For more information see Service News article A21070B, *ACC Warning Message Comes Back On After S/B 21-068*.

NOTE: If none of the above applies, then continue with normal troubleshooting.

## 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.**

<b>i-HDS Software Version</b>	1.006.35
<b>HDS Software Version</b>	3.104.040
<b>J2534 Rewrite Software Information</b>	
<b>PC Application Version</b>	1.2.1.1
<b>Database Update</b>	05-AUG-2021
<b>NoticeDB Version</b>	05-AUG-2021

**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/Trim Level	Vehicle System	Program ID (or later)
2018–20 Accord (ALL)	Millimeter Wave Radar	36802-TVA-A180
2017–19 Civic (CVT 5-Door)		36802-TGG-A070
2019 Civic (6MT 5-Door)		36802-TGG-G060
2019-21 Civic (2-Door, 4-Door)		36802-TBA-A160
2017–19 CR-V (ALL)		36802-TLA-A070
2019–20 Insight (ALL)		36802-TXM-A080
2021 Insight (See VIN range)		

## REPAIR PROCEDURE

### NOTE:

- 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.

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

### NOTE:

- If an updated vehicle returns with the **Adaptive Cruise Control System Problem** message on and snow/ice is suspected, confirm the radar surface is clean, then road-test the vehicle or perform the millimeter wave radar aiming procedure.
- The DTC cannot be deleted by the i-HDS until the radar is re-calibrated by driving the vehicle.
- If the **Adaptive Cruise Control System Problem** message disappears by driving the vehicle, then it is not necessary to do the millimeter wave radar aiming procedure.

END