

June 14, 2016

04147 Version 1

Plug-in Charging System Problem with DTC P0D9A

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	Accord Plug-In	ALL	ALL

SYMPTOM

The MID indicates **Plug-in Charging System Problem** after the vehicle finishes charging at an electric vehicle supply equipment (EVSE) charging station.

BACKGROUND

The vehicle monitors the temperature of the two power pins on the charging inlet of the vehicle. If the temperature of the pins is excessive or there is an unusual temperature difference between the pins, the vehicle will set DTC P0D9A (charge inlet temperature sensor 1 range/performance problem) and output the **Plug-in Charging System Problem** message on the MID.

The latest software has raised the temperature specification for charge inlet heating due to poor contacts on the EVSE. If the temperature of the inlet rises to an unacceptable level, the new software will allow the vehicle to finish charging at a reduced current, which will increase the charging time. The vehicle will still protect itself against excessive heat that might damage the connector and, in extreme cases, will shut down the charging event and set a DTC. If the vehicle already has the latest software update and still sets the DTC, the charge inlet cable assembly may need to be replaced.

PROBABLE CAUSE

Poor contacts on the EVSE.

CORRECTIVE ACTION

Based on the diagnosis, update the software or replace the charge inlet cable assembly.

PARTS INFORMATION

Part Name	Part Number	Quantity
Charge Inlet Cable	1F410-5K0-A01	1

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
223517	Update the software (only).	0.2 hr	03214	03217	16-049A	1K100-5K0-A13
1181P6	Replace the charge inlet cable assembly (only).	0.7 hr	03214	03217	16-049B	1K100-5K0-A13

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 HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update:

Application Version: **3.01.50 or later**

Database update: **13-Apr-2016 or later**

HDS Software Version:

3.019.012 or later

Before beginning the update, make sure that both the HDS and the MVCI are updated as listed above.

Do only the update listed in this service bulletin.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Available Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

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

Model	Program ID (or later)	Program P/N (or later)
Accord Plug-In	K0A140	1K101-5K0-A140

DIAGNOSIS & REPAIR PROCEDURE

1. Charge the vehicle with a level 2 EVSE (220 volts).
 - If the error is reproduced, go to step 3.
 - If the error is not reproduced, go to step 2.
2. Check the vehicle software version.
 - If the software is the latest version, go to step 3.
 - If the software is not the latest version, do the software update. Refer to S/B 01-026, *Updating Control Units/Modules*. The repair is complete.
3. Replace the charge inlet cable assembly.

END