

September 20, 2018

Version 1

Clarity Fails To Charge or Finish Charging

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2018	Clarity Plug-in Hybrid	ALL	ALL
2018	Clarity Electric	ALL	ALL

SYMPTOM

The Clarity Plug-In Hybrid and Clarity Electric may not start charging when plugged in or may stop charging before the high-voltage lithium-ion battery is full.

POSSIBLE CAUSE

The battery charger software does not start charging or may stop before charging is complete in areas with poor or fluctuating power quality.

CORRECTIVE ACTION

Update the battery charger software to the latest version.

CUSTOMER NOTIFICATION

Once the update is completed, the vehicle may take up to one and a half times longer to fully charge. This depends on the power quality in the area, which will affect the charging rate.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255D8	Update the battery charger software.	0.2 hr	03214	03217	A18097A	1C601-5WP-A01

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.

PARTS INFORMATION

Part Name	Order Part Number	Quantity
Battery Charger Software	1C601-5WP-A02	1

DIAGNOSIS

This issue might set one or more of the following DTCs:

- DTC P0D28 (battery charger input voltage too high)
- DTC P0D2A: (battery charger input voltage too high)
- DTC P0D3D: (battery charger input voltage too high)
- **Clarity Plug-In Hybrid:** DTC P1D23 (battery charger temperature sensor circuit range/performance)
- **Clarity Electric:** DTC P1D22 (battery charger temperature sensor circuit malfunction)

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: **1.004.037 or later**

J2534 Software Information:

- PC Application Version **1.1.0.2. or later**
- Database update **31-AUG-2018 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*.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2018 Clarity Plug-In Hybrid	Battery Charger	WPA020	1C601-5WP-A02
2018 Clarity Electric	Battery Charger	WPA020	1C601-5WP-A02

REPAIR PROCEDURE

1. Update the battery charger software using the i-HDS J2534 rewrite software with the MVCI or DST-i. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.
2. Clear any DTCs.
3. Verify that no codes are stored and the vehicle operates normally.

END