

February 21, 2020

Version 1

Center Display Unit Stays On with Ignition Turned to OFF and Door Open

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019	RDX	ALL	ALL

SYMPTOM

The center display unit stays on with the ignition turned to OFF and the door open. Other symptoms may include the display switches between the **Day Mode** and **Night Mode**, the **Drive mode not available** message appears, and the **Disclaimer** is stuck on.

POSSIBLE CAUSES

The software in the gauge control module (combination meter assembly) may be faulty.

CORRECTIVE ACTION

Replace the gauge control module.

PARTS INFORMATION

Part Name	Part Number
Refer to the parts catalog using the VIN to ensure the correct gauge control module is ordered.	Refer to the parts catalog.

CLIENT 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 Acura automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

NOTE

Because there are so many model variations, template IDs are not required.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Failed Part Number
7161C7	Replace the gauge control module.	0.4 hr	03214	03217	78100-TJB-A14

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Check the software version in the audio unit. Go to the **HOME** screen, then select, **Settings, System**. Then, scroll to **About**, and select **Acura Software System**.

Is D.1.2.1 or higher displayed?

Yes - Go to step 2.

No - Using OTA, update the audio unit software to D.1.2.1 or higher, then go to step 2.

2. Connect the i-HDS to the vehicle.

NOTE

Connect a 12-volt jumper battery, and do not operate anything electrical (headlights, audio system, A/C, power window, door locks etc.) during the entire process.

3. Turn the ignition to ON.

NOTE

Make sure the i-HDS shows the correct VIN for the vehicle you are working on.

4. Select the following menu options in the i-HDS:

NOTE

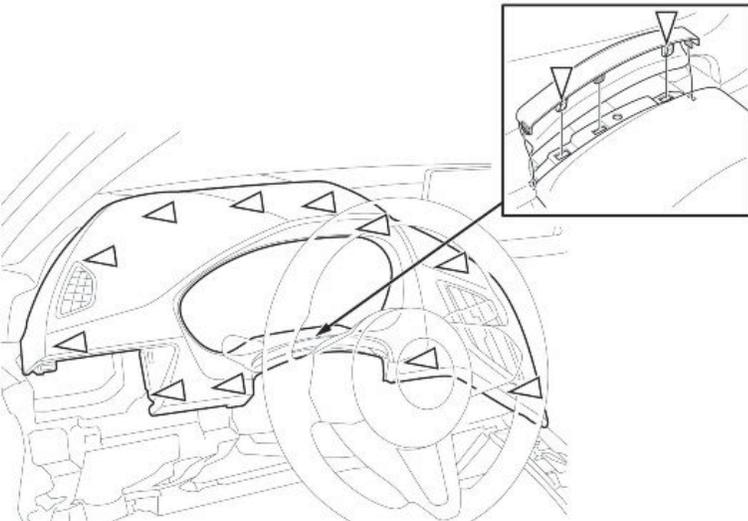
Once you have started this procedure, you must complete it before disconnecting the i-HDS from the DLC.

- Body Electrical (System Selection Menu)
 - Gauges
 - Adjustment
 - Gauge Control Module Replacement
5. Select **Read Out Data**, and follow the instructions on the i-HDS to save the gauge data into the i-HDS.
 6. Turn the ignition to OFF, and leave the i-HDS connected.

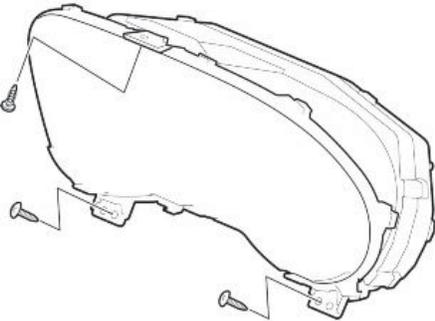
7. Remove the driver's side vent.



8. Remove the driver's dashboard upper pad.



9. Remove the gauge control module, and install the new one.



10. If removed, connect the i-HDS to the vehicle.
11. Turn the ignition to ON.
12. Select **Write Data** and follow the instructions on the i-HDS display.

NOTE

If the data transfer fails, see How to Release Locked Odometer Mileage to the Original Gauge Control Module under the procedure Rewriting the ODO Data and Transferring the Maintenance Minder Data to a New Gauge Control Module in the service information.

13. Install the remaining parts in the reverse order of removal.

END