Product Update: Gauge Control Module - Odometer Mileage and the HDS Does Not Communicate

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016	Pilot	ALL	Check the iN VIN status for eligibility

BACKGROUND

During manufacturing, the gauge control module software installed did not meet specification and there are two potential issues:

- The gauge control module adds mileage to the odometer when the OFF mode is selected (Touring and Elite only).
- The gauge control module loses communication with the HDS or may not transfer the odometer mileage and maintenance minder information when replacing the gauge control module.

There were several software changes during vehicle assembly. As a result, there is another bulletin, S/B 15-073, *Non-Compliance Recall: Gauge Control Module - FCAN BUS OFF. Product Update: Gauge Control Module - Odometer Mileage and Gauge Control Module - Auto Door Lock Settings*. Make sure you use the iN VIN Status inquiry and use the correct bulletin to repair the vehicle.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. These vehicles must be repaired before they are sold.

Should your dealership sell an unrepaired vehicle that subsequently causes injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this recall, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Update the software in the gauge control module.

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 **3.01.42 or later**

        Database update **02-Oct-2015 or later**

    HDS Software Version:

        3.016.042 or later

Before beginning the repair, make sure that both the HDS and 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 bulletin is already installed.

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

Year/Model	Program ID (or later)	Program P/N (or later)
2016 Pilot	G7A040	78109-TG7-A04

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7165A2	Update the gauge control module software to repair odometer mileage and HDS does not communicate (includes DTC checks).	0.4 hr	6DT00	JW000	15-074A	78100-TG7-A01

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Do an ALL DTC CHECK before updating the gauge control module software. Diagnose and repair any issues before updating the vehicle.

2. Connect the MVCI. Under the **User Config** display, select **CM Update Mode**. Press ENTER.

3. Select **Reprogramming** and press ENTER. When you see the message **Use a battery booster while reprogramming the vehicle,** press ENTER again.

   NOTE: Make sure the headlights are in the OFF position.

4. On the **Select System** screen, select **Meter** and press ENTER. When you see the message **Press the "ENTER" button to begin the Control Module Update**, press ENTER.

5. The **CM Update Mode Running Change** screen appears. Press ENTER to begin the gauge control module update.

   NOTE: Some of the gauge control module indicators will blink and the daytime running lights may come on. This is normal.

6. After the update is complete, do an all DTC check and clear any DTCs that may have set during the software update procedure.

   NOTE: The outside (ambient) temperature may be incorrect after the update is complete. This is normal and will normalize after driving the vehicle for some time.

END