

March 27, 2020

Version 1

MIL Comes On with DTC P061B

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017-18	MDX Sport Hybrid	ALL	ALL

SYMPTOM

The Malfunction Indicator Lamp (MIL) may illuminate and set DTC P061B (PCM internal malfunction torque calculation).

PROBABLE CAUSE

There is an issue with the Transmission Control Unit (DCT-TMU) software logic, which incorrectly sets the DTC P061B.

CORRECTIVE ACTION

Update the DCT-TMU software.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C7	Update the DCT-TMU software.	0.2 hr	03214	03217	B20018A	28101-5WV-A56

Skill Level: Repair Technician

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.

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.

i-HDS Software Version	1.005.048 or later
HDS Software Version	3.103.048 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1 or later
Database Update	18-MAR-2020 or later
NoticeDB Version	18-MAR-2020 or later

Update only the systems and software listed in this service bulletin.

Do not use the MongoosePRO VCI for this service bulletin as it is not an American Honda-approved device.

For more information about updating vehicle systems, refer to service bulletin 01-026, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2017-18 MDX Sport Hybrid	DCT-TMU	28101-5WV-A560

REPAIR INFORMATION

NOTICE

- 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.

NOTE

This update will not require entering a service bulletin number.

1. Check the DCT-TMU software version.
 - If the software is not up to date, go to step 2.
 - If the software is up to date, this bulletin does not apply.
2. Update the DCT-TMU software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

END