

February 23, 2023

Version 1

LKAS, ACC, or CMBS Indicators On with DTC U3000-49

AFFECTED VEHICLES

Year	Model	Trim
2017–18	MDX	ALL
2017–18	MDX HYBRID	ALL

SYMPTOM

- LKAS, ACC, or CMBS indicator lights are coming on.
- Driver Support System has DTC U3000-49.

POSSIBLE CAUSE

A problem exists with the detection logic in the multipurpose camera software.

CORRECTIVE ACTION

Update the multipurpose camera software to the most current software version.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7385A5	MDX - Update the front camera software	0.2 hr	03214	03217	B23008A	36160-TZ6-A35
A	Check DTC and clear	0.1 hr	03214	03217	B23008B	36160-TZ6-A35

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7385A5	MDX Sport Hybrid - Update the front camera software	0.2 hr	03214	03217	B23008C	36160-TRX-A83
A	Check DTC and clear	0.1 hr	03214	03217	B23008D	36160-TRX-A83

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	1.008.008 or later
Honda ECU Reprogramming	3.0.6.0 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 22-100, *Updating Control Units/Modules with the Honda ECU Reprogramming Application*.

Year/Model	Vehicle System	Program ID (or later)
2017-2018 MDX	36161-T6Z-A340	36161-T6Z-A360
2017-2018 MDX Hybrid	36161-TRX-A820	36161-TRX-A840

INSPECTION PROCEDURE

Connect the i-HDS and check for DTCs.

- If DTC U3000-49, *FCW/LDW Camera Unit Malfunction*, is visible then clear the DTC and proceed to the Repair Procedure and update the ACC/CMBS software.
- If the DTC does not clear, continue with normal troubleshooting.

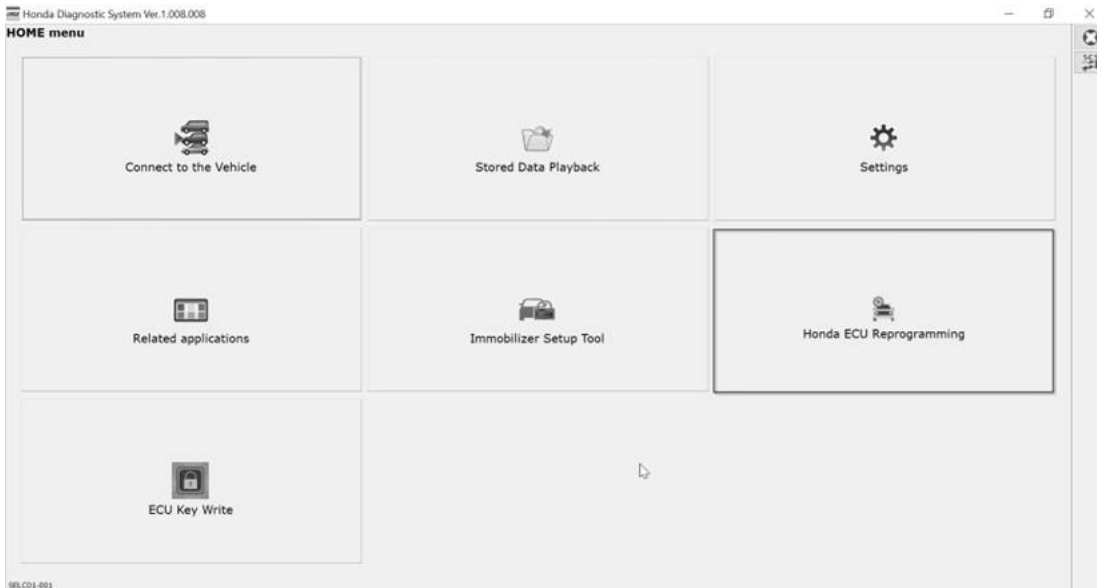
REPAIR PROCEDURE

- 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.

1. From the desktop, select **i-HDS**.

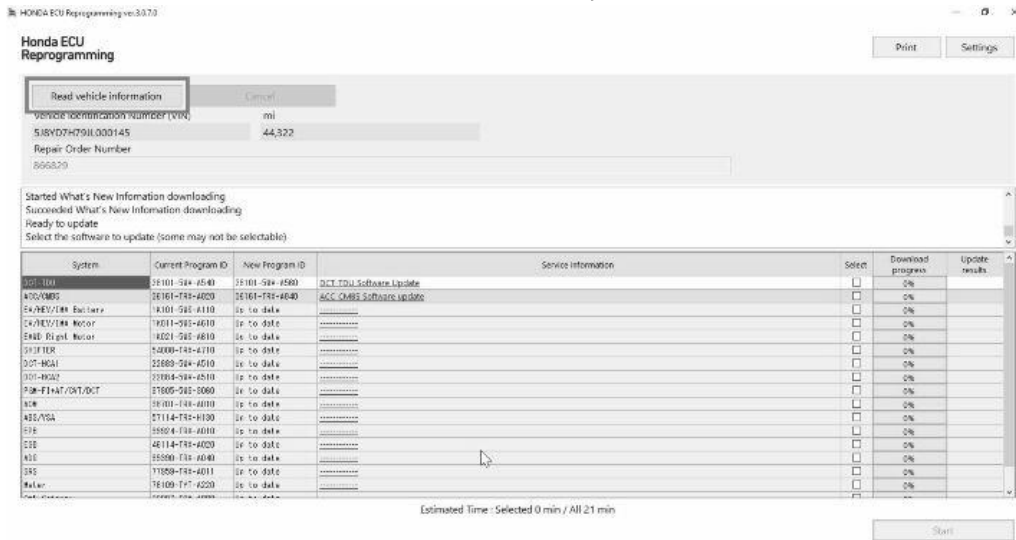


2. From the HOME menu, select **Honda ECU Reprogramming**.

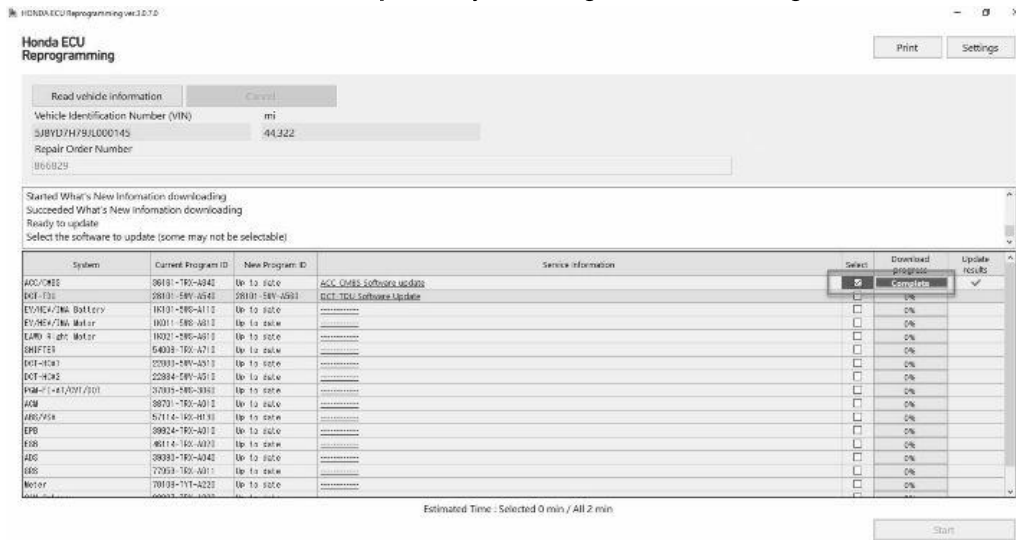


3. Enter repair order number and press **Read vehicle information**.

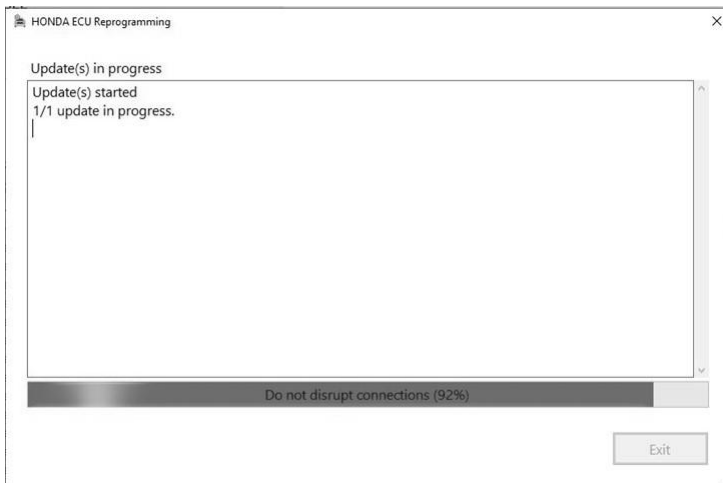
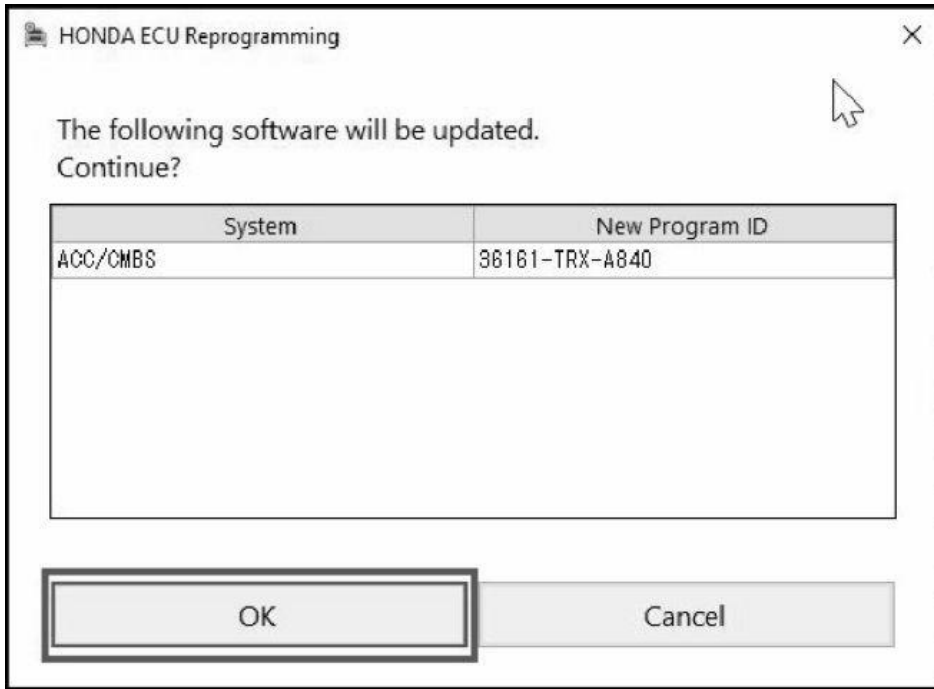
NOTE: Wait until vehicle communication has completed.



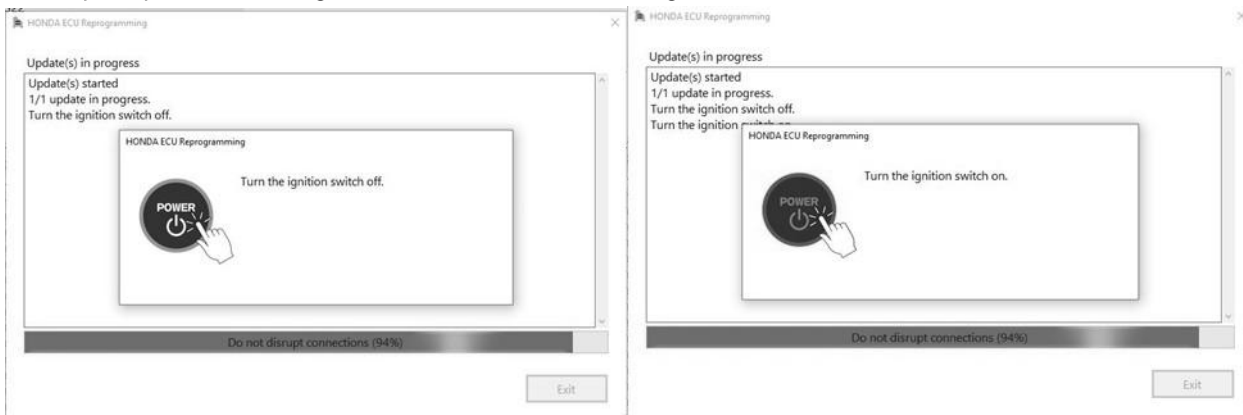
4. Select **ACC CMBS Software Update** by checking the box to the right.



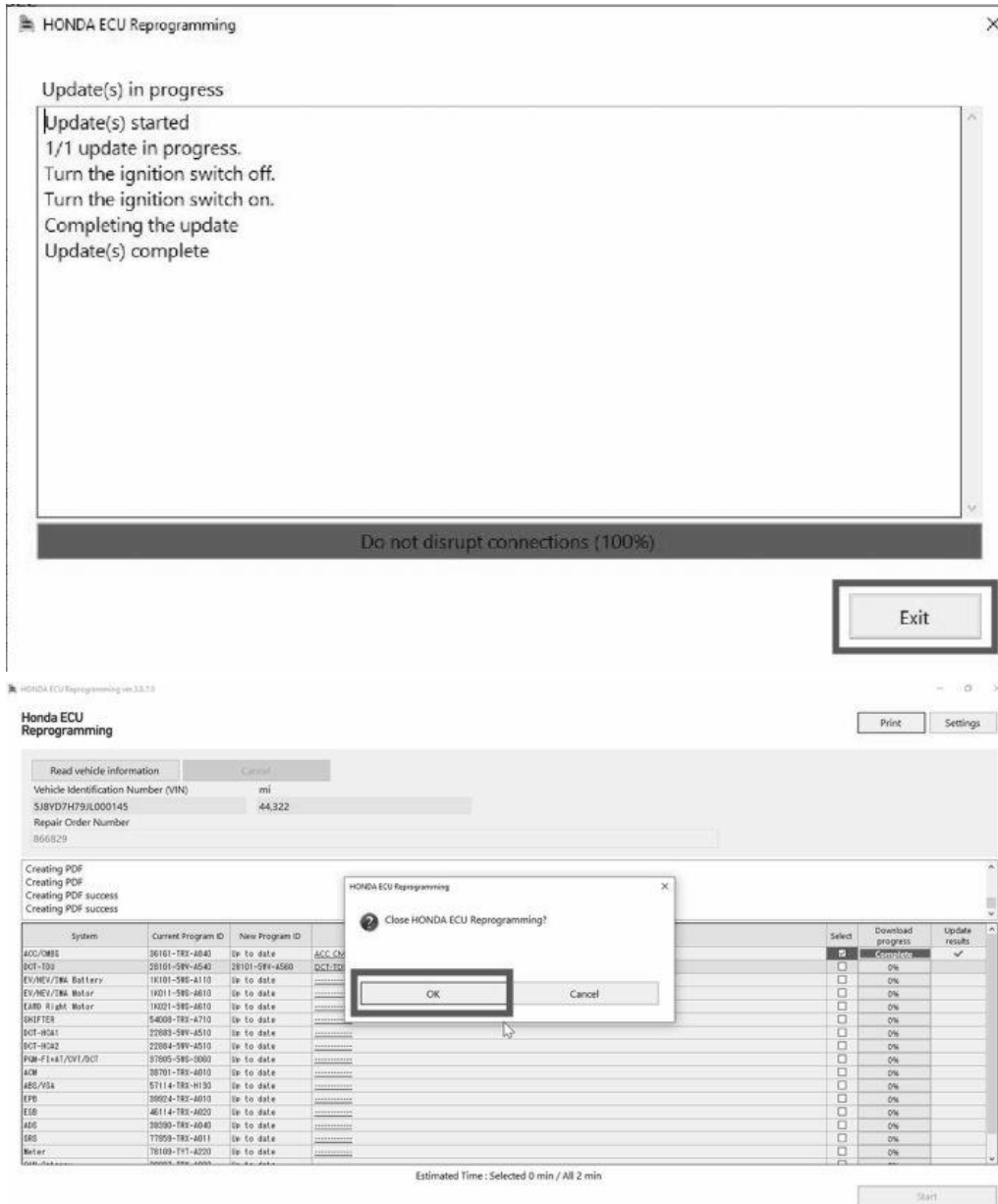
5. Press OK to begin the updating process.



6. When prompted, turn the ignition switch OFF, then turn ignition switch ON.



7. Once the camera is updated, and the following screen appears, then select EXIT and close ECU Reprogramming.



8. Do an ALL DTC Check in i-HDS, and then clear any codes set during the update.

END