November 16, 2021   Version 1

Incorrect Odometer Value in the AcuraLink® App

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2022	MDX	ALL	ALL

SYMPTOM

The AcuraLink mobile application from the Google Play store or the App store - Apple® displays a blank odometer reading when the odometer in the vehicle mileage exceeds 16,959 miles.

POSSIBLE CAUSE

There is an error in the software.

CORRECTIVE ACTION

Update the software in the gauge control module.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7165A6	Update the software in the gauge control module.	0.2 hr	03214	03217	B21035A	78100-TYA-A11

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	1.006.042 or later
HDS Software Version	3.104.047 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1
Database Update	04-NOV-2021 or later
NoticeDB Version	04-NOV-2021 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)
2022 MDX BASE (AWD)	Meter	78108-TYA-A120
2022 MDX TECH (AWD)	Meter	78108-TYA-A220
2022 MDX SH AWD ADV	Meter	78108-TYA-A320
2022 MDX A-SPEC (AWD)	Meter	78108-TYA-A720
2022 MDX BASE	Meter	78108-TYC-A120
2022 MDX TECH	Meter	78108-TYC-A220

## SOFTWARE UPDATE PROCEDURE

NOTE:

- 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.
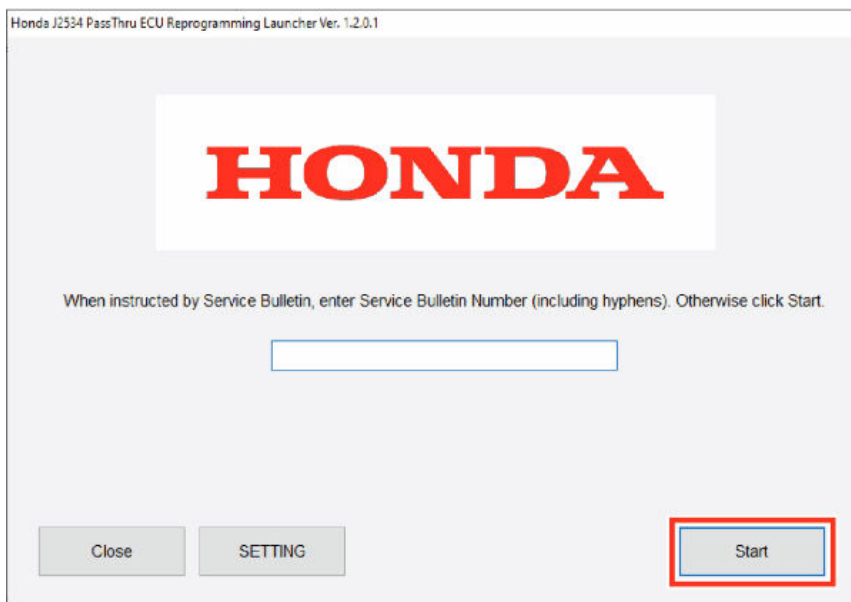
1. Connect the DST-i to the OBD port.

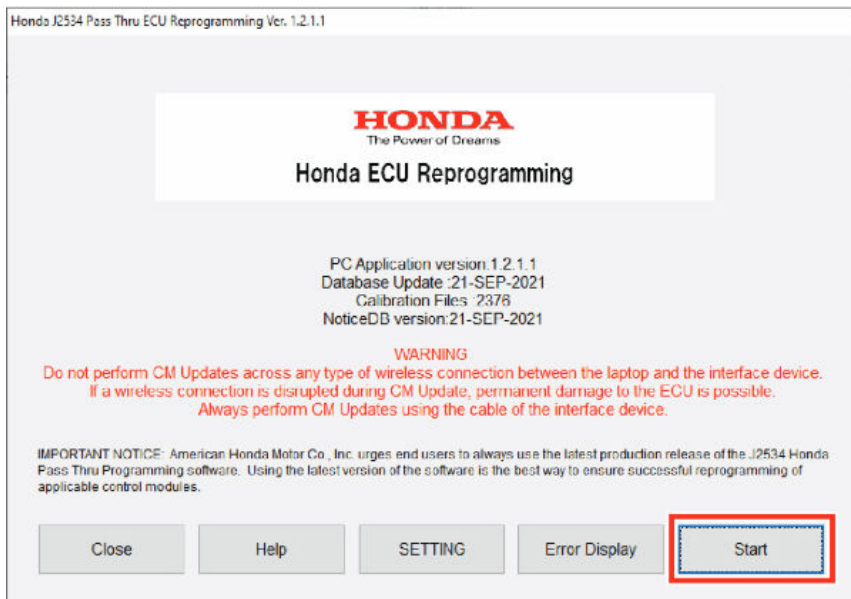2. Select **i-HDS Diagnostic System** from your computer desktop.
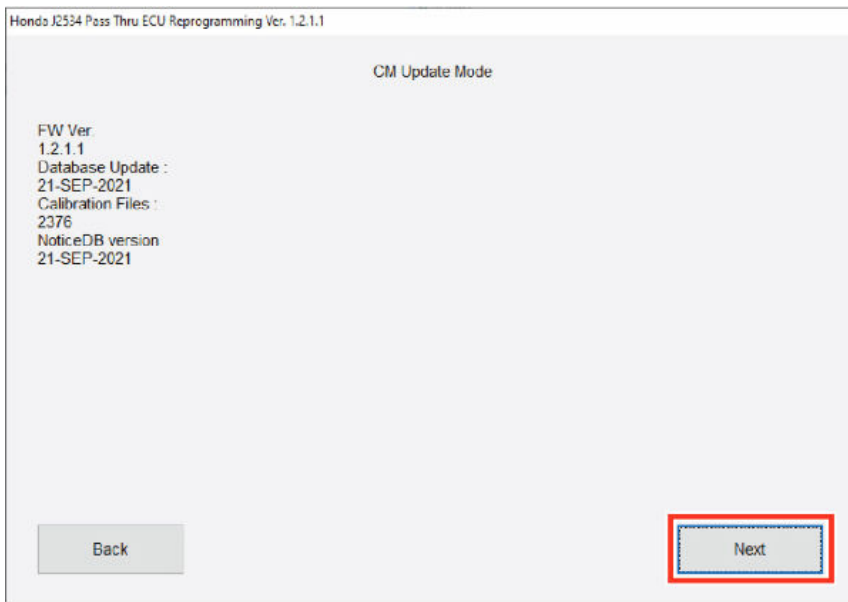

3. Select **J2534 Rewrite**.
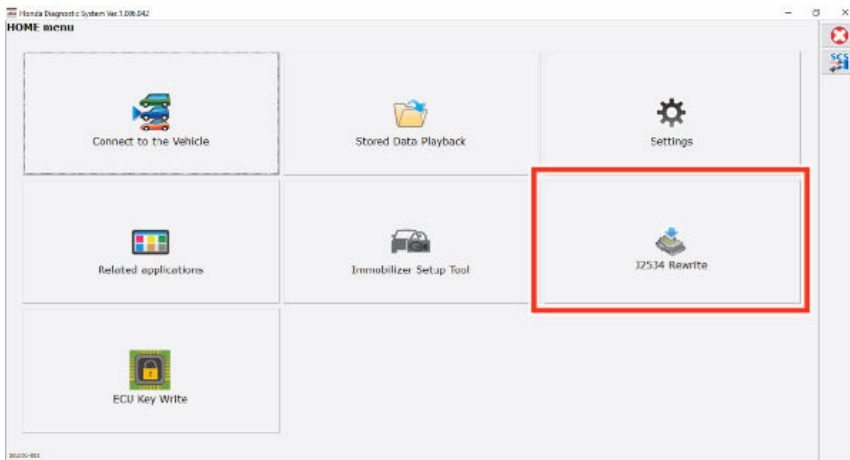
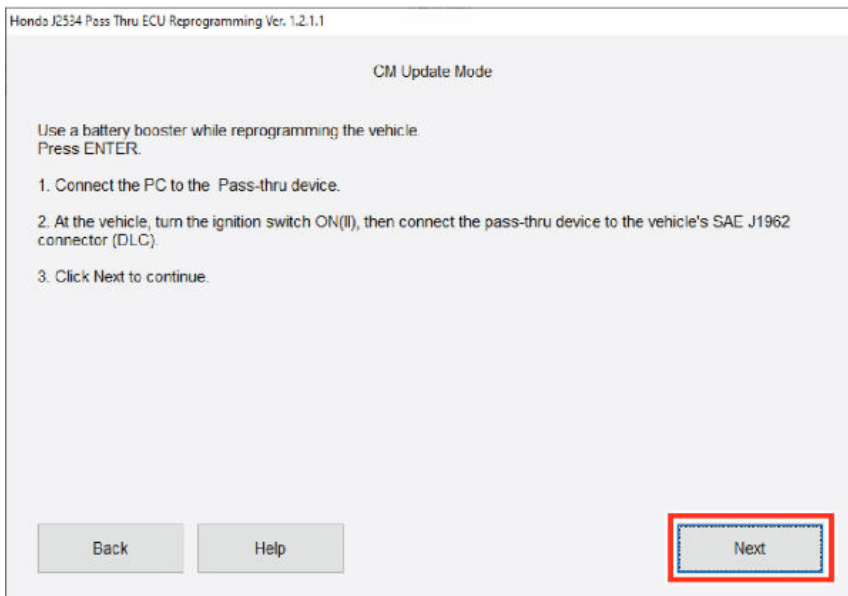4. When prompted select **Start**, do not enter a service bulletin.

5. Select **Start**.

6. Select **Next** in the CM Update Mode screen.

7. Follow the instructions noted on the screen and select **Next**.

8. Enter the 17-Digit VIN Number, if the 17-digit VIN number does not autofill, enter it followed by the Repair Order.


9. Wait until the J2534 Rewrite displays the updateable units. When done select **Meter**.

    NOTE: Wait until the vehicle communication is complete.

10. On the CM Update Mode screen, verify the current Program IDs to be updated are listed.

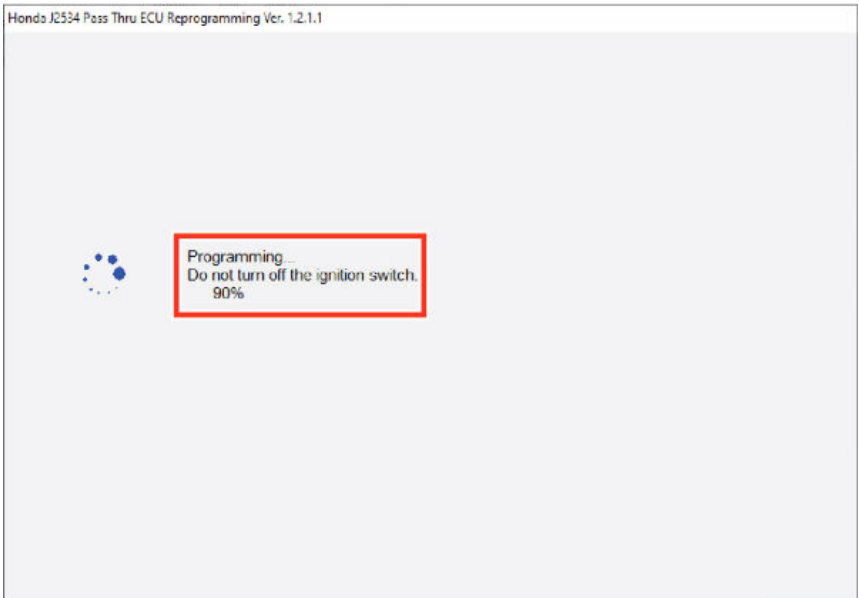| Year/Model	Vehicle System	Program ID (or later)
2022 MDX BASE (AWD)	Meter	78108-TYA-A120
2022 MDX TECH (AWD)	Meter	78108-TYA-A220
2022 MDX SH AWD ADV	Meter	78108-TYA-A320
2022 MDX A-SPEC (AWD)	Meter	78108-TYA-A720
2022 MDX BASE	Meter	78108-TYC-A120
2022 MDX TECH	Meter	78108-TYC-A220

11. Select **ENTER**, once the information is verified.
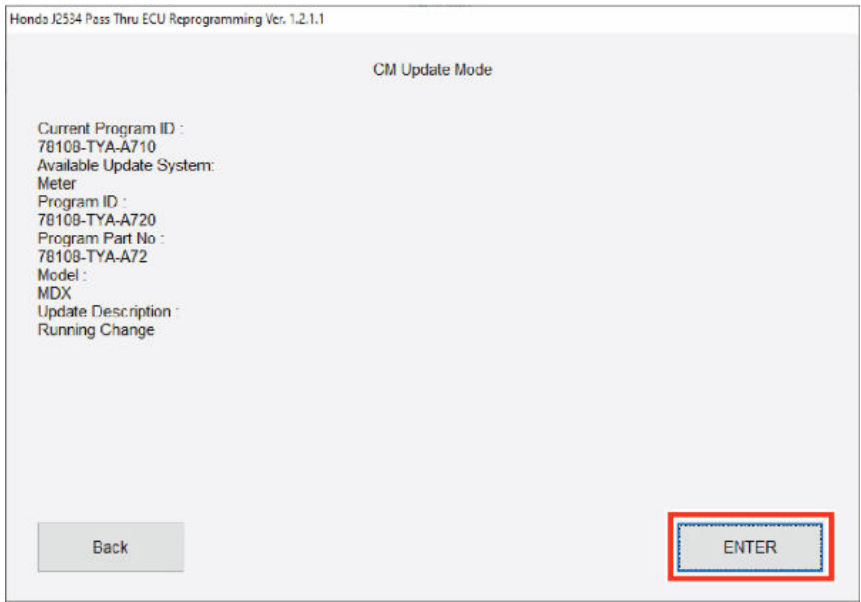
12. In the second CM Update Mode screen select **ENTER**.
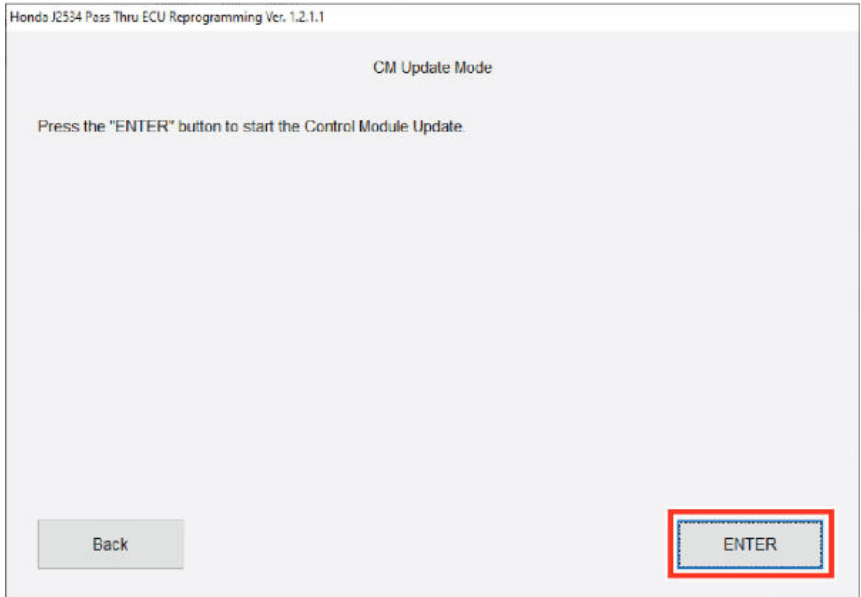
13. The reflash will start, then, the progress count will begin from **0–100** percent. Please note the Meter and Center display will go blank for about 5 minutes.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

Programming...
Do not turn off the ignition switch.
5%

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

Programming...
Do not turn off the ignition switch.
90%
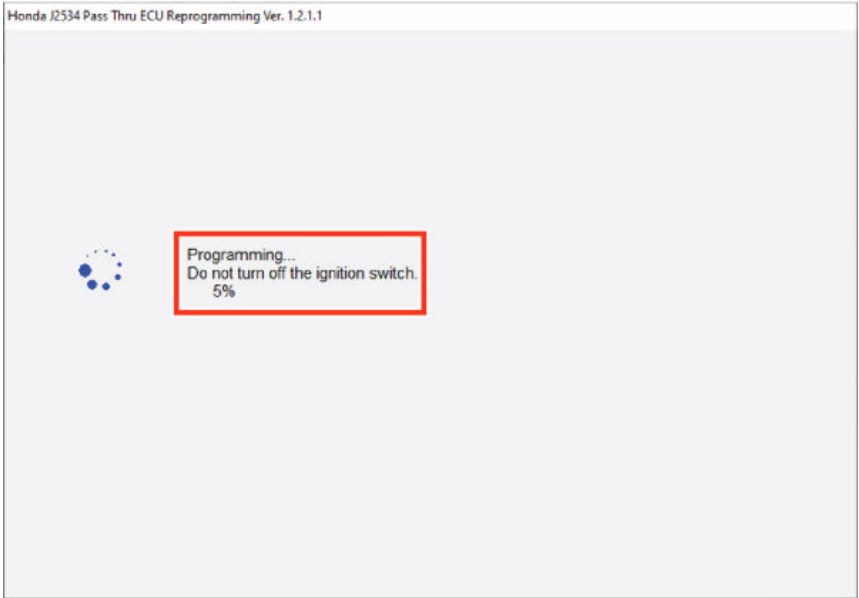
14. When the update completes and when prompted, turn the ignition switch to OFF.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

CM Update Mode

Meter

Turn the ignition switch OFF.
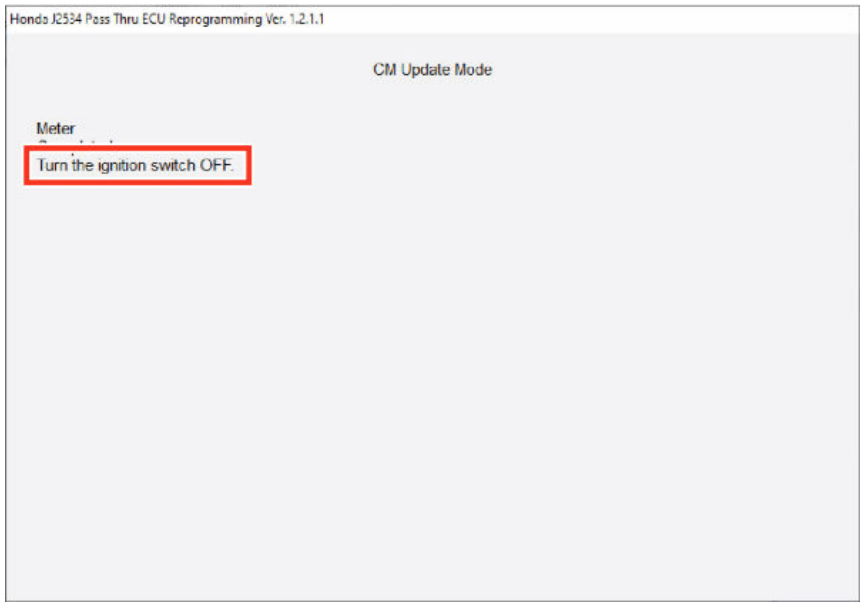
15. Turn the ignition to ON. Then, wait for the Control Module update is complete message.

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Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

                              CM Update Mode

  Turn the ignition switch ON within 60 seconds.


                            57 secs to go
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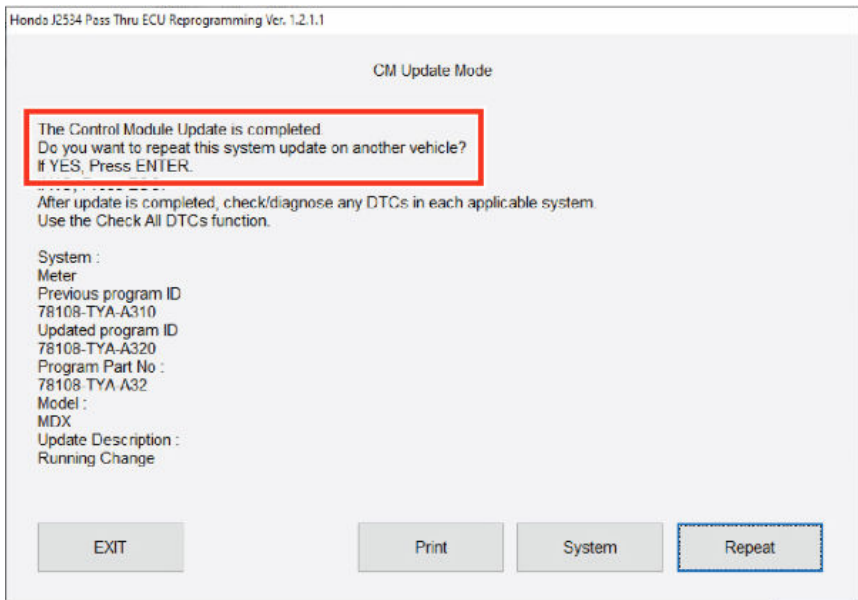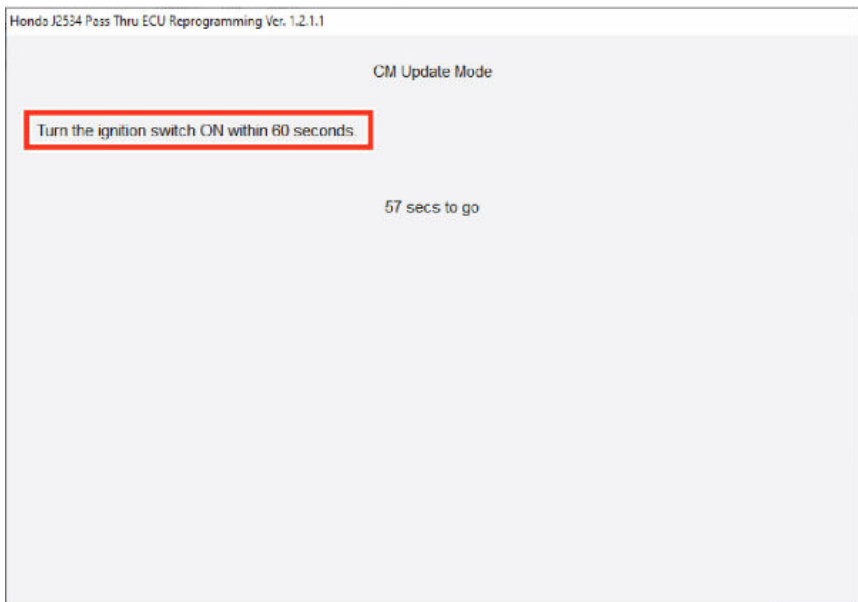
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Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1

                              CM Update Mode

  The Control Module Update is completed.
  Do you want to repeat this system update on another vehicle?
  If YES, Press ENTER.

  After update is completed, check/diagnose any DTCs in each applicable system.
  Use the Check All DTCs function.

  System :
  Meter
  Previous program ID
  78108-TYA-A310
  Updated program ID
  78108-TYA-A320
  Program Part No :
  78108-TYA-A32
  Model :
  MDX
  Update Description :
  Running Change


  [   EXIT   ]          [   Print   ]   [  System  ]   [  Repeat  ]
```

END