

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

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	1.006.042 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.

Honda J2534 PassThru ECU Rep	rogramming Launcher Ver. 1.2.0.1	
	HON	IDA
When instructed I	y Service Bulletin, enter Service Bullet	tin Number (including hyphens). Otherwise click Start.
Close	SETTING	Start

5. Select Start.

nda J2534 Pass Thru ECU Rep	programming Ver. 1.2.1.1			
		HONDA The Power of Dreams	•	
	Hone	da ECU Reprogra	amming	
	P Da No	C Application version 1 tabase Update :21-SEF Calibration Files :237 ticeDB version:21-SEF	.2.1.1 P-2021 6 P-2021	
Do not perform CM U If a wireless co	Ipdates across any typ onnection is disrupted Always perform CM	WARNING be of wireless connection during CM Update, pen Updates using the cable	on between the laptop and manent damage to the EC e of the interface device.	the interface device. U is possible.
IMPORTANT NOTICE: Am Pass Thru Programming applicable control module	erican Honda Motor Co., Ir software. Using the latest is.	nc. urges end users to alwa version of the software is th	ys use the latest production rel to best way to ensure successf	ease of the J2534 Honda W reprogramming of
		1.16		

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

ng Ver. 1.2.1.1	
CM Update Mode	
	Next
	ng Ver. 1.2.1.1 CM Update Mode

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

Honda J2534 Pass Thru ECU Repro	gramming Ver. 1.2.1.1			
		CM Update Mode		
Use a battery booster w Press ENTER.	hile reprogramming th	he vehicle.		
1. Connect the PC to th	e Pass-thru device.			
2. At the vehicle, turn th connector (DLC).	e ignition switch ON(II), then connect the pass-thr	ru device to the vehicle	's SAE J1962
3. Click Next to continue	Э.			
			_	
Back	Help			Next
			L	J

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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1	
	VIN & Repair Order
VIN	
Repair Order#:	
Odometer(mile):	5841
	·
Back	Next

9. Wait until the J2534 Rewrite displays the updateable units. When done select **Meter**. NOTE: Wait until the vehicle communication is complete.

fonda J2534 Pass Thru ECU Reprogramm	ing Ver. 1.2.1.1	
	System Selection	
PGM-FI		
Meter		
Back		Select

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.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1		
Current Program ID : 76108-TYA-A710 Available Update System: Meter Program ID : 78108-TYA-A720 Program Part No : 78108-TYA-A72 Model : MDX Update Description : Running Change	CM Update Mode	
Back		ENTER

12. In the second CM Update Mode screen select ENTER.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1	
CM Update Mode	
Press the "ENTER" button to start the Control Module Update.	
Back	ENTER
	L

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.



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.

ida J2534 Pass Thru ECU Reprogramm	ning Ver. 1.2.1.1			
		CM Update Mode		
Turn the ignition switch ON w	ithin 60 seconds]		
		57 secs to go		
ida J2534 Pass Thru ECU Reprogramn	ning Ver. 1.2.1.1			
ida J2534 Pass Thru ECU Reprogramn	aing Ver. 1.2.1.1	CM Update Mode		
ida J2534 Pass Thru ECU Reprogramn	ning Ver. 1.2.1.1	CM Update Mode		
the Control Module Update is Do you want to repeat this sy If YES, Press ENTER.	ning Ver. 1.2.1.1 s completed stem update on a	CM Update Mode		
tds J2534 Pass Thru ECU Reprogramm The Control Module Update is Do you want to repeat this sy if YES, Press ENTER. After update is completed, ch Use the Check All DTCs func	ning Ver. 1.2.1.1 s completed stem update on a neck/diagnose any tion.	CM Update Mode nother vehicle? DTCs in each applic	able system.	
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the Control Module Update is Do you want to repeat this sy if YES, Press ENTER. After update is completed, ch Use the Check All DTCs fund System : Meter Previous program ID 78108-TYA-A310 Updated program ID 78108-TYA-A320 Program Part No : 78108-TYA-A320	ning Ver. 1.2.1.1 s completed stem update on a eck/diagnose any tion.	CM Update Mode nother vehicle? PDTCs in each applic	able system.	
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The Control Module Update is Do you want to repeat this sy if YES, Press ENTER. After update is completed, ch Use the Check All DTC's fund System : Meter Previous program ID 78108-TYA-A310 Updated program ID 78108-TYA-A320 Program Pat No : 78108-TYA-A320 Model : MDX Update Description : Running Change	ning Ver. 1.2.1.1 s completed stem update on a neck/diagnose any tion.	CM Update Mode nother vehicle? DTCs in each applic	able system.	
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END