

November 24, 2021

Product Update: PGM-FI CPU Calibration ID May Not Output to a Generic Scan Tool

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017–18	NSX	ALL	Check the iN VIN status for eligibility

BACKGROUND

Due to a software defect between two CPUs, the Generic Scan Tool (GST) may not be able to read the Calibration ID (CID) of the CPU under some limited conditions.

NOTE: The GST issue doesn't impact the Honda scan tool.

CLIENT 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. Repair these vehicles before they are sold.

CORRECTIVE ACTION

Update the PGM-FI CPU software.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255G4	Update the PGM-FI (Includes DTC clear).	0.4 hr	6NZ00	TBP00	B21036A	37806-58G-A06

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 Mongoose PRO 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 NSX	PGM-FI (SLAVE)	37806-58G-A060
2018 NSX	PGM-FI (SLAVE)	37806-58G-A130

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.

NOTE: This update will not require entering a service bulletin number.

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.

		and the second sec		
londa J2534 Pass Thru ECU Repro	gramming Ver. 1.2.1.1			
	HON The Power of	Dreeme		
	Honda ECII Rei	programming		
		er v gi with hing		
	F	C Application version:1.2	2.1.1	
	De	atabase Update :29-APR-	-2020	
		Calibration Files :2149)	
	N	oticeDB version:29-APR-	-2020	
		WARNING		
Do not perform CM	Updates across any ty	pe of wireless connection	n between the laptop and th	e interface device.
If a wireless of	connection is disrupted	Juning CM Update, perm	anent damage to the ECU	is possible.
	Amays perionit on	opuates using the cable	of the interface device.	
IMPORTANT NOTICE: Amer	rican Honda Motor Co., Inc.	urges end users to always us	e the latest production release o	the J2534 Honda Pass
Thru Programming software. modules.	Using the latest version of	the software is the best way t	o ensure successful reprogramm	ing of applicable control
Close	Help	SETTING	Error Display	Start

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

Ho	nda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1
	CM Update Mode
	Use a battery booster while reprogramming the vehicle. Press ENTER.
	1. Connect the PC to the Pass-thru device.
	 At the vehicle, turn the ignition switch ON(II), then connect the pass-thru device to the vehicle's SAE J1962 connector (DLC).
	3. Click Next to continue.
	Back Help Next

6. Verify the software version and then select**NEXT**.

Honda J2534 Pass Thru ECU Reprogra	imming Ver. 1.2.1.1		
		CM Update Mode	
FW Ver. 1.2.1.1 Database Update : 29-APR-2020 Calibration Files : 2149 NoticeDB version 29-APR-2020			
Back			Next

7. Go to **PGM-Fl**and then select**NEXT**.

	System Selection	
	•	
GM-FI (SLAVE)		
CT-TDU		
CT-HCA1		
V/HEV/IMA Motor		
CT-HCA2		
V/HEV/IMA Battery		
AWD Right Motor		
HIFTER		
BS/VSA		
RS		
PS		
1ICU		
PDS (SWS)		
feter		
PB		
SB		
AN-Gateway		
		10 10 10 10 10

8. The screen will show CM Update Mode PGM-FI then select **ENTER**.

WHAT I THE REPORT OF THE REPORT	and the second sec		
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.2.1.1			
	CM Update Mode		
9			
7700-58G-A06 Model : NSX Update Description : Running Change			
Back		E	NTER

- 9. Clear any DTCs.
- 10. California residents only: Fill out a Vehicle Emissions Recall Proof of Correction certificate, and use TBP as the recall number. Have the service advisor give the certificate to your customer, and advise him or her to keep it as proof that the recall was completed. Your customer will need to submit this certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number Y0657.

License Wumber	Make	Year Model	Body Type	Vehicle Identification Number	
The a	Manufactu bove desc	rer ribed vehicle	has been repa	Recall Number TBP	
device Deal	es to meet er's Name	applicable C	alifornia Emiss	ion Control Laws. Address, City, State and Zip	

END