



# Technical Service Bulletin

GROUP <b>Campaign</b>	NUMBER <b>22-01-056H</b>
DATE <b>JULY 2022</b>	MODEL(S) <b>Venue (QX)</b>

**SUBJECT:** ECU UPDATE-QX G4 FIII 1.6 MPI ECU LOGIC IMPROVEMENT  
(SERVICE CAMPAIGN T8K)

## \*IMPORTANT

### \*\*\* Retail Vehicles \*\*\*

Dealers must perform this service campaign whenever an affected vehicle is in the shop for any maintenance or repair.

Access Hyundai Motor America's "Vehicle Information (VIS)" screen via WEBDCS to identify open Campaigns.

**Description:** This bulletin provides information related to the ECU software update for improvement of:

- ECU Mileage calculation internal error (OBD Compliance).
- DTC P05CC (cold intake CVVT follower) improvement : Add CVVT shaking operation

### Applicable Vehicles:

- Certain 2021 MY Venue (QX) with 1.6MPI Engines produced from 05/04/2021-07/09-2021

### GDS Information:

Event #	Description
727	QX 21MY G4 FIII 1.6 MPI ECU LOGIC IMPROVEMENT

### NOTES:

- Refer to TSB 15-GI-001 for additional tablet-based Mobile GDS ECU update information.
- After the ECU Upgrade process shows 100% complete, **cycle the ignition key to OFF for at least 30 seconds to reset the control unit.** This step is important for establishing normal powertrain communication and to prevent system errors.
- Clear DTC(s) present after the ECU update.
- Start engine to confirm proper operation of the vehicle.

## ! WARNING



### GDS Vehicle Battery Voltage Warning:

If voltage is below 12 volts as per the GDS warning, then select **Back** and run the engine at least 15 minutes to reach an adequate battery state of charge to prevent ECU Update failure. Cycle the ignition **OFF/ON** before retrying ECU update again.

**Warranty Information:**

VEHICLE	OP CODE	OP NAME	OP TIME	CAUSAL PART	NATURE	CAUSE
Venue (QX)	10D151R1	ECU UPGRADE	0.3 M/H	39100-2M370	I3T	ZZ3

**NOTE 1: Submit claim on Campaign Claim Entry Screen**

**NOTE 2 : If a part that is not covered by this service campaign is in need of replacement while performing this service campaign, and the affected part is still under warranty, please submit a separate claim using the same repair order. If the part is out of warranty, submit a prior approval request for goodwill consideration prior to performing the work.**

**NOTICE**

**You must initially perform all GDS ECU Updates in Auto Mode.**

If the ECU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**ROM ID Information Table:**

- Verify the ECM ROM ID before updating the software. Refer to the table below.

VEH.	DISP.	TM	OLD ECU P/No.	OLD ROM ID	NEW ROM ID
Venue (QX)	1.6MPI	MT	39100-2M370	MQX-1NU16F000600 MQX-1NU16F100600 MQX-1NU16F200600	MQX-2NU16F100600
		MT	39100-2M371	MQX-1NU16E000600 MQX-1NU16E100600 MQX-1NU16E200600	MQX-2NU16E100600
		CVT	39100-2M372	MQX-1NU16Q000T00 MQX-1NU16Q100T00 MQX-1NU16Q200T00	MQX-2NU16Q100T00
		CVT	39100-2M373	MQX-1NU16P000T00 MQX-1NU16P100T00 MQX-1NU16P200T00	MQX-2NU16P100T00
		CVT	39100-2M374	MQX-1NU26Q000T00 MQX-1NU26Q100T00 MQX-1NU26Q200T00	MQX-2NU26Q100T00
		CVT	39100-2M375	MQX-1NU26P000T00 MQX-1NU26P100T00 MQX-1NU26P200T00	MQX-2NU26P100T00

If the Automatic ECU Upgrade process fails, **cycle the ignition key to OFF for at least 30 seconds to reset the control unit.** Then resume programming using the Manual ECU Upgrade processes.

After the ECU Upgrade process shows 100% complete, **cycle the ignition key again to OFF for at least 30 seconds to reset the control unit.** This step is important for establishing normal powertrain communication and to prevent system errors.

**MANUAL MODE PASSWORD INFORMATION TABLE:**

ECM MENU (#727)	PASSWORD
QX 1.6MPI MT 39100-2M370	2381
QX 1.6MPI MT 39100-2M371	2382
QX 1.6MPI CVT 39100-2M372	2383
QX 1.6MPI CVT 39100-2M373	2384
QX 1.6MPI CVT 39100-2M374	2385

QX 1.6MPI CVT 39100-2M375	2386
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**NOTE:** After the ECU update has been completed:

- Clear any ECM DTC(s) after the ECU update.

Start the engine to confirm proper operation of the vehicle.