



## Technical Service Bulletin

GROUP

Campaign

NUMBER

22-01-056H

DATE

JULY 2022

MODEL(S)

Venue (QX)

**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<br>MQX-1NU16F100600<br>MQX-1NU16F200600 | MQX-2NU16F100600 |
|            |        | MT  | 39100-2M371   | MQX-1NU16E000600<br>MQX-1NU16E100600<br>MQX-1NU16E200600 | MQX-2NU16E100600 |
|            |        | CVT | 39100-2M372   | MQX-1NU16Q000T00<br>MQX-1NU16Q100T00<br>MQX-1NU16Q200T00 | MQX-2NU16Q100T00 |
|            |        | CVT | 39100-2M373   | MQX-1NU16P000T00<br>MQX-1NU16P100T00<br>MQX-1NU16P200T00 | MQX-2NU16P100T00 |
|            |        | CVT | 39100-2M374   | MQX-1NU26Q000T00<br>MQX-1NU26Q100T00<br>MQX-1NU26Q200T00 | MQX-2NU26Q100T00 |
|            |        | CVT | 39100-2M375   | MQX-1NU26P000T00<br>MQX-1NU26P100T00<br>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 |
|---------------------------|------|

**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.