HYUNDAI
Technical Service Bulletin

GROUP	NUMBER
Campaign	**21-01-026H**
DATE	MODEL(S)
April 2021	**Venue (QX)**

SUBJECT:	MDPS ECU UPDATE FOR DTC C125901 AND C111201 (SERVICE CAMPAIGN T6D)

★ IMPORTANT

*** Dealer Stock and Retail Vehicles ***

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information (VIS)" screen via WEBDCS to identify open Campaigns.

Description: This bulletin describes the procedure to update the MDPS (Motor Driven Power Steering) ECU for loss of steering assist when the engine is started. DTCs C125901, "Steering Angle Sensor Fail" and C111201, "Sensor Supply Voltage Error" are set when this occurs.

Applicable Vehicles:
- Certain 2021MY Venue (QX) vehicles produced from October 12, 2020 to November 13, 2020.

GDS Information:

System Selection: **EPS**

Event #	Description
675	QX C-MDPS STEERING IMPROVEMENT

Warranty Information:

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Venue (QX)	10D033R1	MDPS UPGRADE	0.3 M/H	56340-K2000	I3A	ZZ3

Note 1: Submit claim on Campaign Claim Entry Screen

Note 2: If a part is found in need of replacement while performing this service campaign and the affected part is still under warranty, submit a separate claim using the Same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair
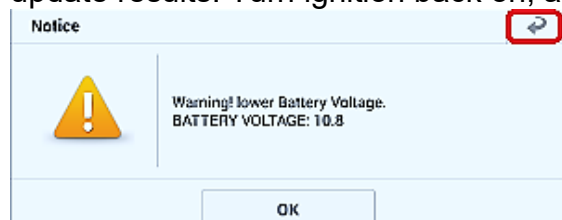

NOTICE

You must initially perform the GDS ECU Update in Auto Mode.
- If the ECU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

⚠ **WARNING**

GDS Vehicle Battery Voltage Warning:
If voltage is below 12 volts as per the below GDS warning, then select **Back** and run the vehicle for at least 20 minutes to ensure an adequate battery state of charge for reliable update results. Turn ignition back on, and then retry the ECU update again.

Notice

⚠ Warning! lower Battery Voltage.
BATTERY VOLTAGE: 10.8

OK

Service Procedure:

1. Perform GDS software update:

   - Refer to TSB **15-GI-001** for the detailed tablet-based Mobile GDS ECU update procedures.
   - Refer to TSB **15-GI-002** for the detailed PC-based GDS ECU update procedures.

2. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.

3. Confirm normal vehicle operation.

ROM ID Table:

MODEL	SYSTEM	MDPS P/N	ROM ID	
			OLD	NEW
Venue (QX)	MDPS	56340-K2000	1.05	1.06

Manual Mode Password:

MENU	PASSWORD
QX C-MDPS 56340-K2000	0106