

**HYUNDAI**NEW THINKING.
NEW POSSIBILITIES.**Technical Service Bulletin**

GROUP

RECALL

NUMBER

16-01-038

DATE

**SEPTEMBER
2016**

MODEL(S)

TUCSON (TL)**SUBJECT:**DCT CONTROL LOGIC UPDATE
(RECALL 149)HYUNDAI
Global Diagnostic System**ECU Update***** IMPORTANT******* Dealer Stock and Retail Vehicles *****

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo and rental vehicles prior to placing them into customer use 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" screen via WEBDCS to identify open Campaigns.

Description:

Eco, Sport, and Limited trim 2016 Hyundai Tucsons are equipped with a 7-speed EcoShift® Dual Clutch Transmission (DCT). In specific operating conditions, the transmission clutch application logic can result in a delayed engagement when accelerating from a stop. If the accelerator pedal is steadily depressed for approximately 1.5 to 2 seconds, the vehicle will begin to accelerate and normal driving is resumed. However, if the accelerator pedal is repeatedly cycled, the vehicle will not accelerate. The inability to move the vehicle in traffic may increase the risk of a crash.

Applicable Vehicles: Certain 2016 Tucson (TL) with 1.6L engine 7DCT Transmission

GDS Information: System Selection: **DCT**

Event #	Description
409*	TL 1.6T 7DCT CONTROL LOGIC IMPROVEMENT(DCT)

(*or use a later available event as listed in the GDS ECU Update screen if one is available.)

Warranty Information:

Model	Op Code	Operation	Op Time
Tucson (TL)	61C077R0	TCM UPDATE	0.3 M/H

NOTE: Submit claims on Campaign Claim Entry Screen.

NOTICE

Connect two USB cables between the VCI and GDS Tablet (provided with the GDS kit).
 1: #G1XDDCA002 – Cable, 30P to USB
 2: #G1XDDCA005 – Cable, USB OTG 5P



NOTICE

You must initially perform GDS TCU Update in Auto Mode.

- If the TCU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.
- Refer to the General Instructions found in TSB: 15-GI-001 (GDS Mobile) and 15-GI-002 (PC GDS).

TCU ROM ID Table:

Model	TCM P/N	CAL ID	
		OLD	NEW
Tucson (TL)	95440-2D720	DTL0T16NS0 DTL0T16NS1 DTL0T16NS2 DTL0T16NS3 DTL0T16NS4 DTL0T16NS5	DTL0T16NS6

Manual Mode Password Information Table:

Menu	Password
TL 1.6T 7DCT 95440-2D720	2720

Service Procedure:

1. Perform service procedure outlined in this TSB.
2. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.
3. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.