



HYUNDAI | NEW THINKING.
NEW POSSIBILITIES.

Technical Service Bulletin

GROUP AUTOMATIC TRANSMISSION	NUMBER 16-AT-001-2
DATE SEPTEMBER 2016	MODEL ALL

SUBJECT AUTOMATIC TRANSAXLE CONTROL MODULE -
RESET AND RELEARN ADAPTIVE VALUES

This TSB supersedes TSB 16-AT-001-1 to update the Warranty Information

Description: The PCM or TCM contains logic to adjust solenoid duty and line pressure as needed to compensate for normal clutch wear over the life of the transaxle. This bulletin provides the procedures necessary to reset (erase) and relearn the PCM/TCM adaptive values.

After the following repairs have been completed, the PCM/TCM adaptive values must be reset in order to provide optimum shift quality. If the procedure is not performed, the transmission may experience a shift flare or harsh shift.

- Replace automatic transaxle or PCM/TCM
- Reprogram or exchange a PCM/TCM from another vehicle

Applicable Vehicles: All except Dual-clutch Transmission

Warranty Information: Normal warranty applies

NOTE: Use PCM or TCM part number for causal part. Do not use 45000-***** for causal part.

- 6-speed: PCM (39***-*****)
- 8-speed: TCM (95440-*****)

Service Procedure:

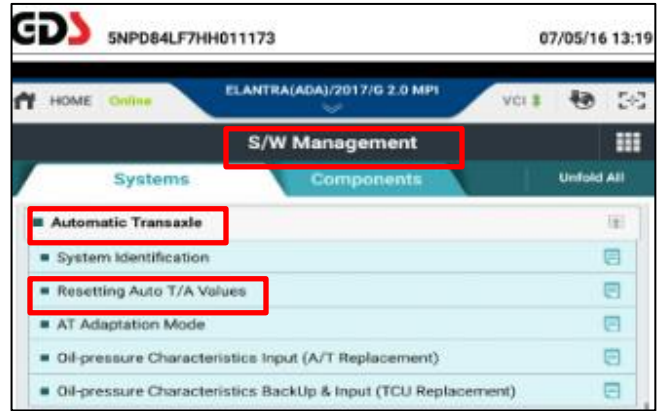
GDS must be used to reset the adaptive learning for the following vehicles (except DCT).

MODEL	YEAR	GDS REQUIRED
ACCENT	2006~	ALL
AZERA	2006~	ALL
ELANTRA SEDAN	2003~	From 12/01/2002
ELANTRA TOURING	2009~12	ALL
ELANTRA GT	2013~	ALL
ELANTRA COUPE	2013~14	ALL
ENTOURAGE	2007~08	ALL
EQUUS	2011~16	ALL
GENESIS G90	2017~	ALL
GENESIS COUPE	2010~16	ALL
GENESIS SEDAN	2009~16	ALL
GENESIS G80	2017~	ALL
SANTA FE	2005~	ALL
SONATA	2005~	ALL
SONATA HEV	2011~	ALL
SONATA PHEV	2016~	ALL
TIBURON	2005~08	ALL
TUCSON	2005~	ALL
XG350	2005	ALL

MODEL	YEAR	GDS REQUIRED
VERACRUZ	2007~12	ALL
VELOSTER TURBO	2013~14	ALL

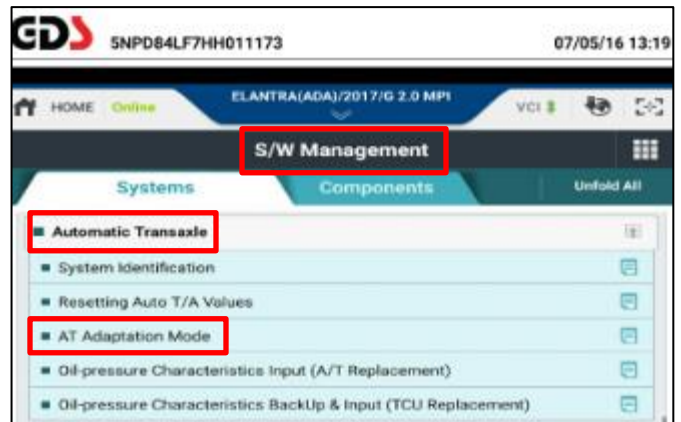
I. RESET (ERASE) ADAPTIVE VALUES:

Reset the automatic transmission adaptive values using GDS, **S/W Management, Automatic Transaxle** and **Resetting Auto T/A Values**. Follow the prompts on the GDS.



II. RELEARN ADAPTIVE VALUES:

Relearn the automatic transmission adaptive values using GDS, **S/W Management, Automatic Transaxle** and **AT Adaptation Mode**. Follow the prompts on the GDS.



NOTICE

Hold the accelerator pedal steady during the upshifts.

Do not exceed local speed limits.

Dual-clutch Transmission only: Refer to the TSB or shop manual.

MODEL	YEAR	ENGINE	TSB
VELOSTER (FS) DCT	2012~	1.6L	TSB 13-AT-003
VELOSTER (FS) DCT	2015~	1.6L Turbo	Shop Manual
SONATA (LF) DCT	2015~	1.6L Turbo	Shop Manual
TUCSON (TL) DCT	2016~	1.6L Turbo	Shop Manual
ELANTRA (AD/ADa) DCT	2017~	1.4L Turbo	Shop Manual