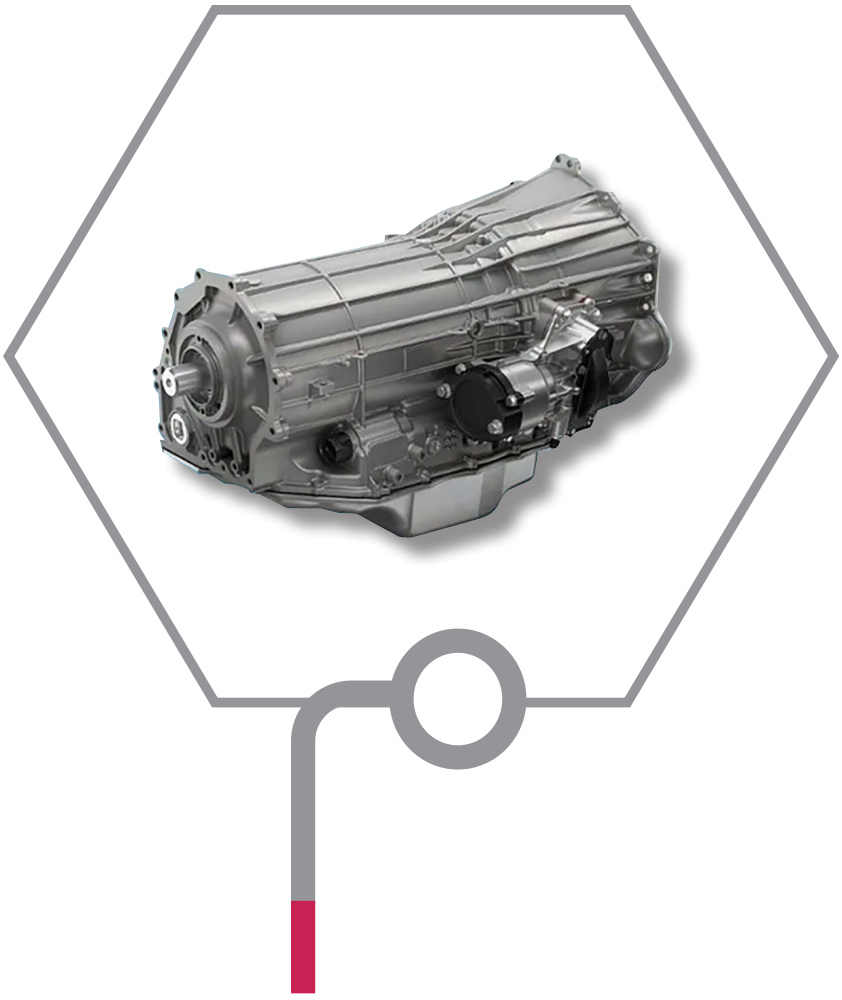
10L1000 INSTALL



RevMax

First steps of install:

- Install transmission to engine block.
- Install the torque converter bolts
- Install the starter motor.
- Install the transmission support crossmember.
- Install the transfer case.
- Install the transmission range selector lever cable to the transmission.
- Lower the vehicle.
- Connect the negative battery cable.
- Fill the transmission to the proper level.

  Dexron® ULV - 19352619

Step 2:

Perform the solenoid valve characterization reprogramming.
Solenoid Valve Characterization Reprogramming

The solenoids in this transmission require unique performance characteristic data in order to function at maximum efficiency. This data is programmed and stored in the vehicle's transmission control module (TCM). When a transmission assembly, TCM, or solenoids are replaced during service, the performance characteristic data for the solenoids must be retrieved from a web server "cloud" repository and reprogrammed into the TCM.

Reprogramming also ensures that the characteristic data relationship is properly matched between the solenoids, valve body, and transmission.

Solenoid characterization reprogramming is performed using the TIS2Web Service Programming System (SPS).

NOTE: ****The TUN and PUN was sent with the transmission****

Solenoid Reprogramming Procedure

To perform solenoid characterization after a transmission component replacement:

1. Document the new Transmission Unique Number (TUN).
2. Log into TIS2Web/SPS.
3. Type the vehicle identification number (VIN).
4. Perform the SPS Transmission Control Module programming event.
    - Select “Transmission Control Module - Programming” to update TCM calibrations and Solenoid Characterization data.

    OR

    - Select “Transmission Control Module - MCVM Operations” to update Solenoid Characterization data only.
5. From the “MCVM (Mechanical Characterization and Virtual Matching) Operation Selection” screen, select the applicable service procedure to be performed. You will be prompted to provide the necessary Transmission Unique Number (TUN) when replacing a transmission part.

At this point, the system will read the VIN from the engine control module (ECM) using the multiple diagnostic interface (MDI) and then retrieve the applicable genealogy data tree from the cloud. This data tree accesses the original characterization data so that it may be updated with the new component information. The system acquires characterization data for the given TUN/PUN via the cloud and updates the genealogy tree. The TCM is updated with the correct solenoid characterization data, and the cloud is updated with the new genealogy relationship.

Perform the service fast learn procedure.

Conditions for Running the Procedure

Transmission Fluid Temperature = 75 to 85°C (167 to 185°F)

Reference Information

With Scan Tool OEM Version

1. Engine » Idling — At normal operating temperature
2. Select: Module Diagnostics
3. Select: Transmission
4. Select: Configuration/Reset Functions
5. Select: Learn Functions
6. Select: Transmission Service Fast Learn
7. Follow the instructions on the scan tool. Verify the scan tool procedure was successful.
    - **If the procedure was not successful**
      Refer to: Step 1
8. If the procedure was successful
9. All OK.
10. Road test for 200-300 miles at no more than 30% throttle
11. Recheck for leaks and proper ATF levels.

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