



**IMPORTANT SERVICE
INFORMATION FOR:**

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:
SB25-K-001A

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GROUP:
TRANSMISSION

DTC P175E CALIBRATION UPDATE - REPROGRAM TRANSMISSION CONTROL MODULE (TCM) AND COMPLETE TRANSMISSION FAST LEARN

AFFECTED VEHICLES

- 2025MY Isuzu N-Series
Equipped with 6.6L Gasoline Engines and 8L90 Automatic
Transmissions and wholesaled prior to December 13, 2024 for repairs
requested before January 31, 2025

This bulletin supersedes service bulletin SB25-K -001. This bulletin is being revised to update content. Please discard previous bulletin SB25-K -001.

INFORMATION

This Service Bulletin has been superseded by Customer Satisfaction Campaign CB25-K-001. This Service Bulletin is for reference only for vehicles repaired prior to January 31, 2025.

The original calibration in the TCM of certain 2025MY N-Gas vehicles contained incorrect logic that may unnecessarily cause DTC P175E to set and illuminate the Check Engine Malfunction Indicator Light (MIL). An updated TCM calibration correcting this concern is now available. Additionally, the Transmission Fast Learn must be completed after the TCM calibration is completed.

Dealers are to reprogram the TCM with a corrected service calibration and perform the Transmission Fast Learn. Follow the service procedure below to update the TCM calibration and perform the Transmission Fast Learn as required.

SERVICE PROCEDURE

1. Block the wheels and apply the parking brake.
2. Ensure that IDSS has an internet connection and is up to date.
3. Connect IDSS to the vehicle and turn the ignition "ON".
4. Click on "Auto Detect".
5. Go to **Controller programming >Transmission >Software and Calibrations >Update Calibrations** and read the TCM calibration part number.

- a. If the calibration part number shown in the vehicle does NOT match the calibration number listed in the table below, reprogram the TCM and then proceed to Step 6.
- b. If the calibration part number matches the service calibration part number in this bulletin, this bulletin no longer applies. Follow the diagnostics in the appropriate Workshop Manual for the DTC set.

MY	Vehicle	Engine	Trans	Calibration #
2025	NPR	6.6L	8L90	24069901
2025	NPR-HD	6.6L	8L90	24069900

WARNING: Perform this procedure outside or with proper exhaust ventilation equipment. Ensure that there are no obstacles or people in front of the vehicle while performing the Transmission Service Fast Learn procedure.

6. After completing the TCM reprogramming, start the engine and allow the transmission fluid temperature to begin warming up.

NOTE: Depending on the ambient temperature, the vehicle may need to be driven to achieve the proper transmission fluid temperature.

7. Using IDSS, go to Scan Tool > Output Control Test > Transmission > Transmission Service Fast Learn and confirm the transmission fluid temperature is between 75°C (167°F) and 85°C (185°F). (See Figure 1)

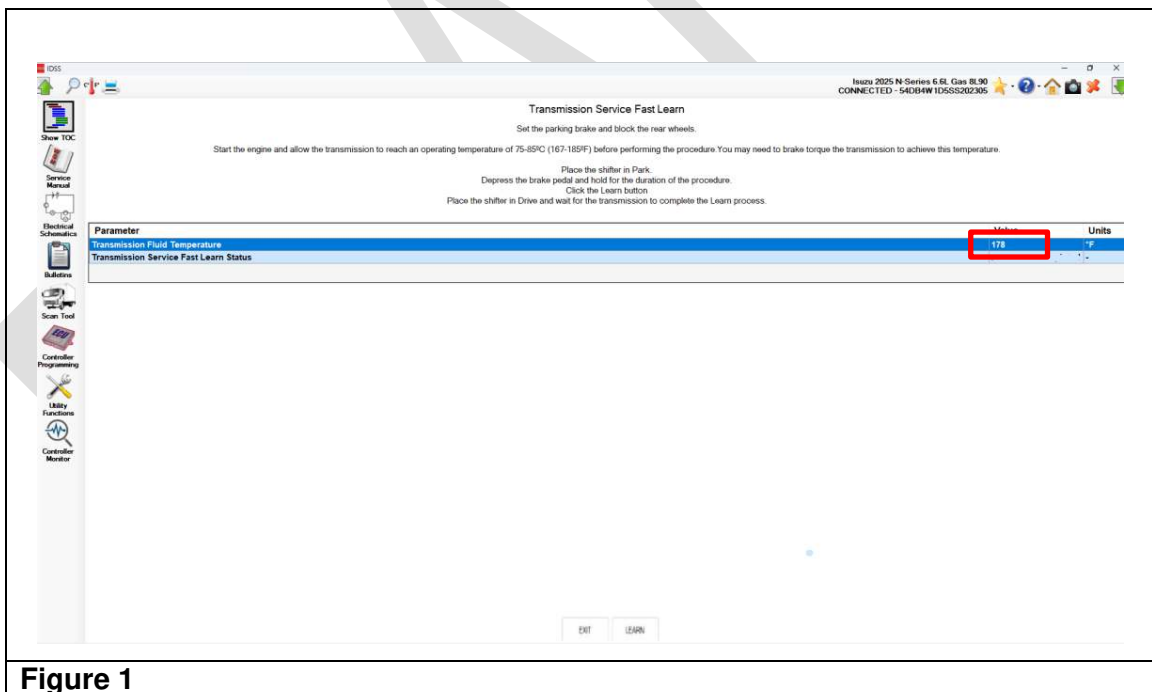


Figure 1

8. Ensure that the selector lever is in the “P” Park position.
9. Depress and hold the brake pedal for the duration of this procedure.

IMPORTANT: Keep the brakes applied until the fast learn process is complete.

10. Click on the “Learn” button to enable the fast learn process.
11. Place the selector lever into the “D” Drive position and wait for the transmission to complete the fast learn process.

NOTE: It is normal for this process to take several minutes to complete.

12. The fast learn process is completed when the Transmission Service Fast Learn Status reads “Fast Learn Completed”. (See Figure 2.)

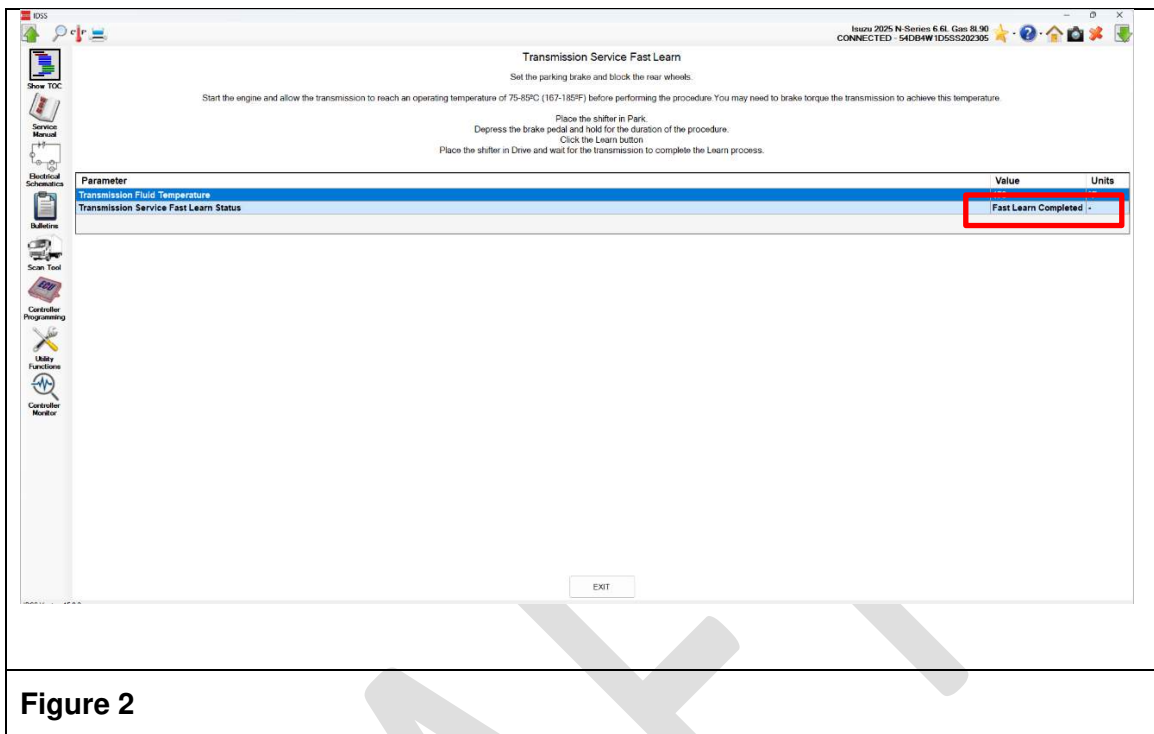


Figure 2

13. Once the fast learn is completed, put the selector lever into the “P” Park position, release the brake pedal and turn off the ignition for at least 1 minute.
14. The Transmission Service Fast Learn is now completed.

WARRANTY INFORMATION

For vehicles repaired under warranty prior to January 31, 2025 use:

Labor Operation	Description	Labor Time
K8000	25 N-Gas DTC P175E Calibration Update	0.5