



**IMPORTANT SERVICE
INFORMATION FOR:**

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

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TRANSMISSION

**APPROVED 6-SPEED AISIN AUTOMATIC TRANSMISSION
ON-VEHICLE INTERNAL REPAIRS – TRANSMISSION CONTROL
MODULE (TCM) FREEZE FRAME DATA COLLECTION**

AFFECTED VEHICLES

- MY2020-current Isuzu N-Series Vehicles
Equipped with 6-Speed Aisin A/T

INFORMATION

In response to requests from the field and in an effort to reduce cost of repairing the Aisin A465id 6-speed transmission, the following On-Vehicle procedures have been approved for **repair** at the dealer level.

The following procedures have been approved for repair only. Refer to the Automatic Transmission sub-section Internal Harness (Wire to Solenoid) section in the appropriate Service Manual for diagnostic and other service procedures.

NOTE: It may also be necessary to reprogram the TCM. Please refer to Service Bulletin SB12-K-003B to review the corresponding DTCs that may have set in the TCM.

Approved On-Vehicle Procedure	Quantity	Comments
J120 (8-pin) Wire to Solenoid Assembly, Replace	1	
J119 (12-pin) Wire to Solenoid Assembly, Replace	1	
A/T Neutral Switch	1	
Shift Solenoid SS1 ~ 4, Replace	4	
Transmission Fluid Pressure Switch, Replace	6	PSW4 & PSW5 not allowable due to valve body disassembly

In order to improve the quality of the original equipment manufacturer (OEM) and service replacement parts, we request that dealers capture TCM Freeze Frame Data for all Aisin A465id 6-speed transmission component parts replaced under warranty.

The primary purpose of the TCM Freeze Frame Data is to obtain faster and more accurate quality information on all Aisin A465 6-speed transmission replaced components. The

collected information will be used to improve the reliability of OEM and service replacement transmission components.

TCM FREEZE FRAME DATA

Follow the instructions below to properly capture and synchronize TCM Freeze Frame Data.

IMPORTANT: IDSS must be connected to the internet in order to complete this process.

1. Confirm your computer is connected to the internet and open IDSS.
2. Select your subject vehicle and navigate to the following location: Scan Tool/DTC/Transmission DTC. Once in this location you will be able to select Freeze Frame/Failure Records.
3. Select Freeze Frame/Failure Records and follow the prompts.
 - a. Input the RO number.

The image displays three sequential screenshots of the IDSS (Integrated Diagnostic System) interface. The first screenshot on the left shows a button labeled 'Freeze Frame/Failure Records'. The middle screenshot shows a window titled 'Requesting Freeze Frame Data...' with a progress bar, instructions to enter an RO number, and a 'Send Freeze Frame Data' button. The third screenshot on the right shows a confirmation dialog box titled 'IDSS' with the message 'Freeze frame information has been sent' and an 'OK' button.

IMPORTANT: Be sure to input the correct RO number. This will permit the captured data to be matched with the replaced component.

4. IDSS will confirm when "Freeze frame information has been sent".

PARTS INFORMATION

The following parts information is provided to assist in any repairs. Parts are to be obtained from AIPDN.

Part Number	Description
8-97533-467-0	J120 (8-pin) Wire to Solenoid Assembly
8-97533-465-0	J119 (12-pin) Wire to Solenoid Assembly
8-97533-461-0	A/T Neutral Switch
8-97533-469-0	Solenoid; On-Off
8-98179-073-0	Transmission Fluid Pressure Switch
8-97533-635-0	Bolt, W/Washer, Transmission

WARRANTY INFORMATION

The following labor operation information is provided for warranty claim submission.

Labor Operation	Description	Labor Time
K6275	A/T Neutral Switch	See Published Labor Time
K6351	Fluid Pressure Switch, Replace	See Published Labor Time
K6554	A/T Internal Harness, Replace	See Published Labor Time
K6630	Shift Solenoid, Replace	See Published Labor Time