

1. View DTC information (Step 1 of 3)

Refresh Clear... Filter ▾

DTC List (41 Items)

Product Time: 05/08/2025, 12:15:15 Engine Hours: 5307.893 Readout Time: 05/08/2025, 12:35:03

Control Unit	DTC	Status	Count	First Occurrence	Last Occurrence
Services and Entertainment Module (SEM)	P100201: Vision Camera, Front Passenger Camera, Missing Message	Active	1	04/07/2025, 09:32:15	04/07/2025, 09:32:15
Rear Chassis I/O Module (RCIOM)	C10D015: Left Rear Position Light and Registration Plate Light Circuit, Circuit Short To Battery or Open	Active	1	24/06/2025, 09:49:52	24/06/2025, 09:49:52
Rear Chassis I/O Module (RCIOM)	C109D15: Left Brake Light Circuit, Circuit Short To Battery or Open	Active	1	24/06/2025, 10:13:21	24/06/2025, 10:13:21
Electronic Brake System (EBS)	C108E62: Wheel 4 Braking Monitoring, Signal Compare Failure	Inactive	1	04/08/2025, 23:01:32	04/08/2025, 23:01:32
Instrument Cluster Graphics (IC_GFX)	U103C88: Ethernet, BroadR-Reach, Port 3, Bus off	Inactive	17	02/07/2025, 15:23:19	05/08/2025, 01:16:06
Services and Entertainment Module (SEM)	B101D88: Infotainment display, Bus off	Inactive	19	26/06/2025, 19:48:03	05/08/2025, 02:17:55
Electronic Brake System (EBS)	C108C62: Wheel 2 Braking Monitoring, Signal Compare Failure	Inactive	3	04/07/2025, 15:13:43	04/08/2025, 23:01:37
Services and Entertainment Module (SEM)	B101887: USB Communication, Missing Message	Inactive	1	05/08/2025, 02:18:01	05/08/2025, 02:18:01
Transmission ECU (TECU)	U114286: Wheel-Based Vehicle Speed, Signal Invalid	Inactive	6	04/07/2025, 16:12:21	05/08/2025, 03:35:44
Transmission ECU (TECU)	P107538: Clutch System, Signal Frequency Incorrect	Inactive	30	03/07/2025, 11:58:05	05/08/2025, 03:51:51
Engine Control Module (EMS)	P008A00: Low Pressure Fuel System Pressure - Too Low, No Sub Type Information	Inactive	0	28/07/2025, 12:52:59	28/07/2025, 16:12:00

Clutch System

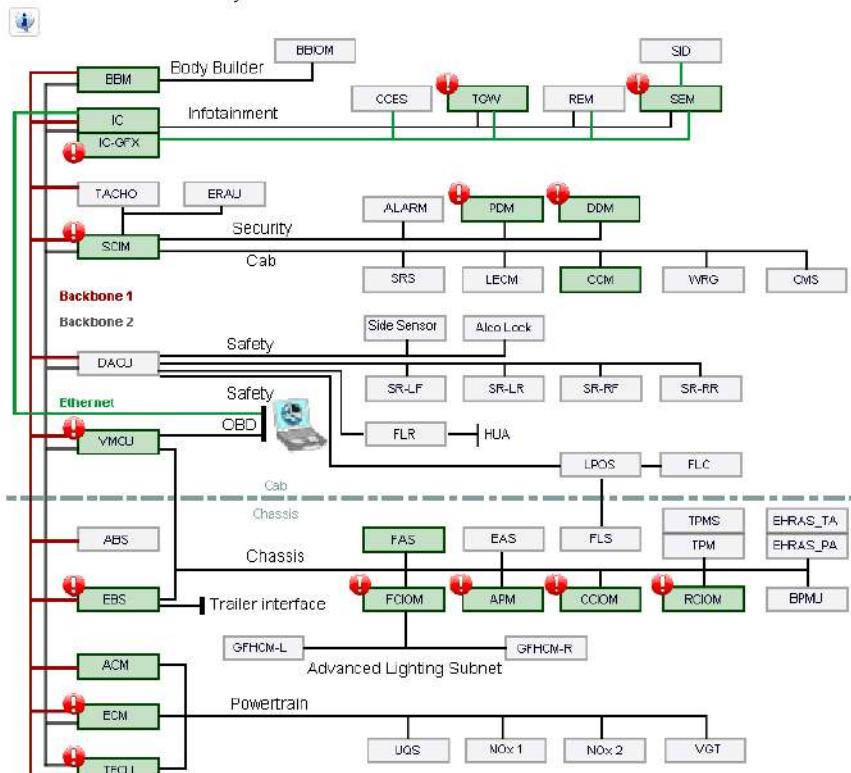
1. View DTC information

Continue >

3. Run Diagnostic (Step 3 of 3)

Product Status

Position the cursor over the objects in the view for additional information



3. Run Diagnostic

< Back

Start >

Select system to display diagnostics

Product systems

System	Status
Center Chassis I/O Module, Diagnostic Trouble Codes (DTCs)	?
Rear Chassis I/O Module, Diagnostic Trouble Codes (DTCs)	?
Telematics GateWay, Diagnostic Trouble Codes (DTCs)	?
Transmission ECU, Diagnostic Trouble Codes (DTCs)	?
Driver Door Module, Diagnostic Trouble Codes (DTCs)	?

Run diagnostics (suggested order)

Diagnostics

Inactive DTCs

DTC	Status
TECU - U1142 - 86, Wheel-Based Vehicle Speed - Signal Invalid	?
TECU - P1075 - 75, Clutch System - Emergency Position Not Reachable	?
TECU - P1075 - 38, Clutch System - Signal Frequency Incorrect	?

Tech Tool

Tech Tool Links Help PAPPU KUMAR

Product Product History Diagnose Test Calibrate Program

DTC    

TECU-P107538: Inactive Occurrences: 30

Detailed DTC Information

TECU – Transmission ECU
P1075 – Clutch System
38 – Signal Frequency Incorrect

Status	Occurrences	First occurrence	Last occurrence
Inactive	30	Thu, 3 Jul 2025 (11:58:05)	Tue, 5 Aug 2025 (03:51:51)

Failure event

- Set point for clutch position can not be reached using normal actuator control
- The limit for the use of control valves is exceeded
- Clutch position is outside tolerance at disengaged position

Observable symptoms

- Slow shifting
- Harsh start
- Harsh shifting

Information

Tech tip

Fault tracing areas

- 1 Air hose, Clutch valve unit
- 2 Clutch Valve unit
- 3 Clutch cylinder
- 4 Control housing, gearbox

Operations

- 40083-3 PWM valves clutch

Exit

Chassis ID: 8 991632 VIN: YV2XBZ0G5R8991632 Work Order: V-68

Product Online

5                          ENG IN 12:42 PM 8/5/2025

Tech Tool

Tech Tool Links Help PAPPU KUMAR

Product Product History Diagnose Test Calibrate Program

DTC

TECU-P107538: Inactive Occurrences: 30

Detailed DTC Information

- Slow shifting
- Harsh start
- Harsh shifting

Possible root causes

- Air hose, Clutch valve unit, External leakage
- Clutch Valve unit, External leakage
- Clutch cylinder, External leakage
- Control housing, gearbox, External leakage

Additional information

- Check for air leakage in the clutch cylinder system and check the performance and function of the clutch
- PWM valve clutches test operation is performed to detect the leakage in the air system/pneumatic system

Information

Tech tip

Fault tracing areas

- 1 Air hose, Clutch valve unit
- 2 Clutch Valve unit
- 3 Clutch cylinder
- 4 Control housing, gearbox

Operations

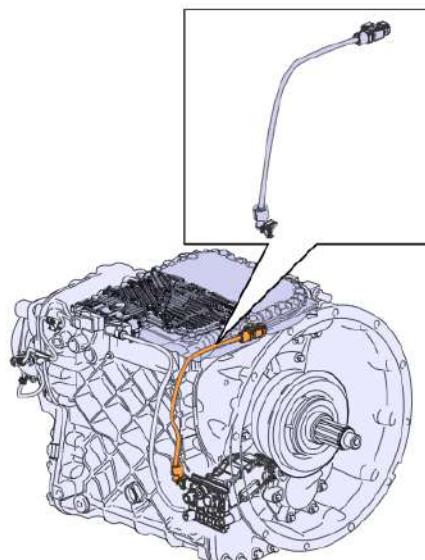
40083-3 PWM valves clutch

Exit

TECU-P107538: Inactive
Occurrences: 30

Component location

Illustrations are used for reference only, may differ slightly from the actual vehicle



1 Air hose, Clutch valve unit

Visual inspection

- Check where the leak is with soapy water
- Check for dirt in the air hose by blowing through it with a pneumatic gun
- Check the air hose connections

Test result

Pass

Fail

Visual inspection

2 Clutch Valve unit

3 Clutch cylinder

4 Control housing, gearbox

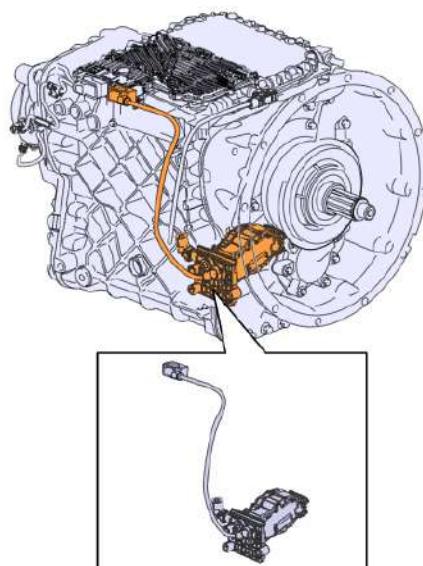


Exit

TECU-P107538: Inactive
Occurrences: 30

Component location

Illustrations are used for reference only, may differ slightly from the actual vehicle



2 Clutch Valve unit

Visual inspection

Actions

1. Visually check that component is not damaged
2. Check that the component is correctly installed
3. Oxidation or corrosion may not be visible unless connections are removed and inspected

Test result

Pass
Visual inspection

Fail

3 Clutch cylinder

4 Control housing, gearbox

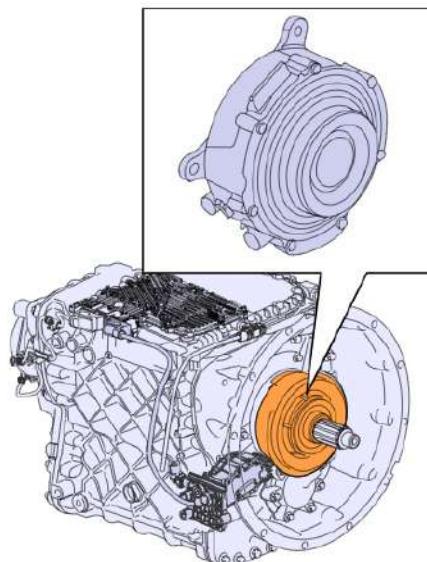


Exit

TECU-P107538: Inactive
Occurrences: 30

Component location

Illustrations are used for reference only, may differ slightly from the actual vehicle



3 Clutch cylinder

Visual inspection

- Visually check that component is not damaged
- Check that the clutch cylinder mating surface is not worn or damaged
- Spray soapy water on suspect areas to identify leaks

Test result

Pass

Fail

4 Control housing, gearbox

Operations

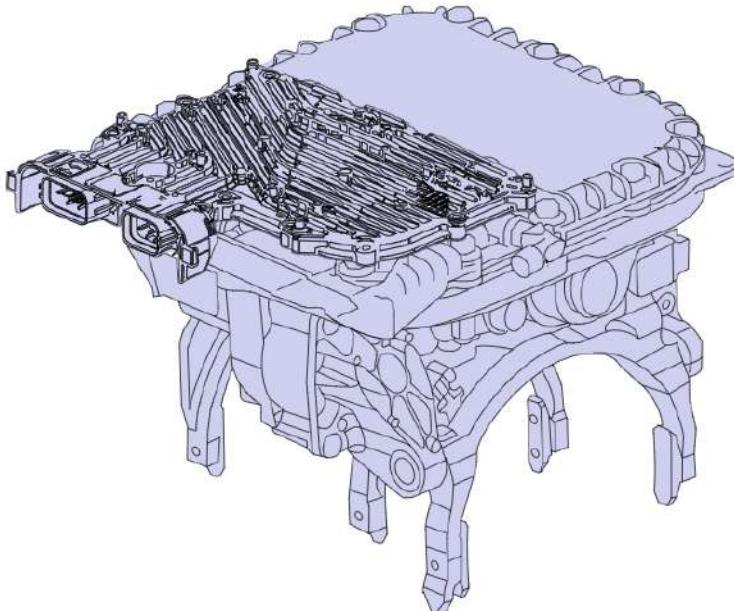
40083-3 PWM valves clutch

Function status

Exit



Test illustration



4 Control housing, gearbox

Leakage test

Make sure that the air pressure is at least 650 kPa (94.3 psi) in the vehicle

Information

The control housing must be in the vehicle when performing the check

- Listen for air leakage from the control housing
- Check that the connections do not leak
- Check if the upper cover is leaking air

Test result

Pass

Fail

Leakage test

Operations

Exit

Tech Tool

Tech Tool Links Help PAPPU KUMAR

Product Product History Diagnose Test Calibrate Program

DTC

TECU-P107538: Inactive Occurrences: 30

Detailed DTC Information

- Slow shifting
- Harsh start
- Harsh shifting

Possible root causes

- Air hose, Clutch valve unit, External leakage
- Clutch Valve unit, External leakage
- Clutch cylinder, External leakage
- Control housing, gearbox, External leakage

Additional information

- Check for air leakage in the clutch cylinder system and check the performance and function of the clutch
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Operations

3 Clutch cylinder

4 Control housing, gearbox

40083-3 PWM valves clutch

Switch to the "Test" tab. Run the operation and follow the instructions

Test result

40083-3 PWM valves clutch Pass Fail

Function status

Repair verification

Exit