

Subject: Enabling the MPC01T Camera Unplugged Fault Code

Models affected: Freightliner New Cascadia vehicles built from May 7, 2018 to September 6, 2019 equipped with an MPC01T camera and one of the following common telematics platforms (cTP) electronic control units (ECU): part number 66-10777-001 or part number 66-13928-001.

Our records indicate that you are the owner of certain vehicles, therefore DTNA has decided to share the following documentation with you.

We hope you find this information helpful.

Work Instructions

Subject: Enabling the MPC01T Camera Unplugged Fault Code

NOTE: For Fault Code SA 37 SPN 524127 FMI 31 to function, the vehicle must be equipped with an MPC01T camera and one of the following cTP ECUs: part number 66-10777-001 or part number 66-13928-001.

1. Park the vehicle on a level surface, shut down the engine, and apply the park brake. Chock the tires.
2. Connect the vehicle to DiagnosticLink®.
3. Verify the CGW04T ECU shows as 'CGW04T: Online' under the 'Logged Connections' list at the bottom left-hand side of the DiagnosticLink window.
4. Select 'Program Device' and remove any pending downloads.
5. Open the 'Parameters' tab. DiagnosticLink will read the parameters of the vehicle's connected ECUs. Wait until the 'Reading parameters . . . ' bar indicates this process is complete.
6. Select 'Program Device,' then select 'Connect to Server' to upload the vehicle parameters to the server.
7. After the upload is complete, select 'Add.'
8. Ensure that the correct vehicle identification number (VIN) is populated in the pop-up window, then select 'OK' and then 'Connect to Server.'
9. Once the server download has completed, go to the 'Parameters' tab, click on the plus sign to show the contents of the CGW04T files, and then click on the plus sign to open the folder for 'Monitor parameter ECU25.'
10. Select 'ECU Installed' and then use the drop-down menu to choose the parameter 'A0144478127-001 –ECU 25: Fragment LDW installed' as shown in **Fig. 1**.

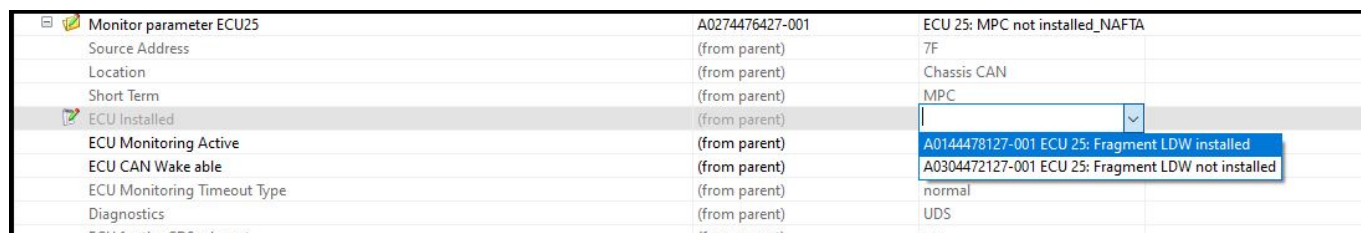


Fig 1, Choosing ECU25: Fragment LDW Installed

11. Select 'ECU Monitoring Active' and then use the drop-down menu to choose the parameter 'A0304472627-001 –ECU 25: Fragment Monitoring Active' as shown in **Fig. 2**.

Monitor parameter ECU25	A0274476427-001	ECU 25: MPC not installed_NAFTA
Source Address	(from parent)	7F
Location	(from parent)	Chassis CAN
Short Term	(from parent)	MPC
ECU Installed	A0144478127-001	yes
ECU Monitoring Active	A0304472627-001	Fragment ECU Monitoring Active
ECU CAN Wake able	(from parent)	A0304472627-001 ECU 25: Fragment ECU Monitoring Active
ECU Monitoring Timeout Type	(from parent)	normal
Diagnostics	(from parent)	UDS
ECU for the CDS relevant	(from parent)	no

Fig 2, Choosing ECU25: Fragment ECU Monitoring Active

12. Select 'ECU CAN Wake able' and then use the drop-down menu to choose the parameter 'A0304472727-001 –ECU 25: Fragment CAN Wakeable NO' as shown in **Fig. 3**.

Monitor parameter ECU25	A0274476427-001	ECU 25: MPC not installed_NAFTA
Source Address	(from parent)	7F
Location	(from parent)	Chassis CAN
Short Term	(from parent)	MPC
ECU Installed	A0144478127-001	yes
ECU Monitoring Active	A0304472627-001	yes
ECU CAN Wake able	(from parent)	A0304472727-001 ECU 25: Fragment CAN Wakeable NO
ECU Monitoring Timeout Type	(from parent)	
Diagnostics	(from parent)	UDS
ECU for the CDS relevant	(from parent)	no

Fig 3, Choosing ECU25: Fragment CAN Wakeable NO

13. Select the 'Send' button to write the parameter changes to the CGW04T ECU in the vehicle.
14. Once the parameter write is complete, select the 'Program Device' tab and verify there is a pending upload. If there is no pending upload, go back to 'Parameters,' select 'Refresh,' and verify that the parameters for CGW04T ECU set out in steps 9 thru 12 are correct and then go back to 'Program Device.' There should now be a pending upload.
15. Select 'Connect to Server' to upload the updates to the server.
16. Disconnect the vehicle from DiagnosticLink.