

SS 3097-FTL2022 P4, 49X and 5700 Vehicles Ship Short Intelligent Powertrain Management (IPM)

Applicable Vehicles

Freightliner P4 along with Western Star 49X and 5700 vehicles built between June 14, 2021 and December 23, 2021.

Symptoms

The predictive cruise control function not working due to Intelligent Powertrain Predictive Cruise (IPPC) modules not being installed from the factory. This affects the IPM feature, no warning lamps or messages will displayed.

Issue

Due to electronic control supply shortages, P4, 49X and 5700 vehicles built between June 14, 2021 and December 23, 2021 ordered with the IPM feature, shipped without the Intelligent Powertrain Predictive Cruise (IPPC) module. The purpose of the IPPC module is to improve fuel efficiency when the Predictive Cruise Control feature is enabled. Not having the IPM does not affect other cruise control functions, such as Adaptive Cruise Control or standard cruise control.

Solution

Vehicles affected by the IPPC shortage can be identified by referencing module 3F6 using the Serial number in PartsPro. In the 3F6 bill of material (BOM) there will be no quantity called out for the IPPC module, only the letter "R" in the quantity column noting the module as reference only. Because the IPPC module is not installed, to maintain integrity of the PTCAN a jumper harness (P/N A66-26792-000) is installed in place of the IPPC Module.

Even if an IPPC module can be obtained in the aftermarket, customers should not add the component, as DiagnosticLink Engineering is required to enable the programming. Vehicles affected by this shortage will receive an IPPC module as part of a service campaign. Although there has been other notifications posted on DTNA Connect informing dealers of this shortage, the purpose of this service solution is to notify customers not to add the IPPC module until customers receive notification of the campaign.

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