

SS 772 – WST X-series Bodybuilder Marker Lights Turn Off While Truck Lights Remain On.

Applicable Vehicles

X-series Western Star vehicles with an XMC prior to 10/07/2024

Symptoms

Condition exists when the headlights are not in the off position (marker or headlight position). Ignition switch is off, no other wake up condition is on such as door open, hazards on, or the service brake depressed. When in this condition body marker lights will turn off after 10 seconds after the last wake up goes to sleep.

Issue

Current marker light functionality for body lighting coming from the XMC requires the CAN messaging to be awake for the marker lamps to stay on. To keep the Marker lights on for the body lighting, the XMC would need to remain in a wake up condition. After the XMC goes to sleep the marker lights will turn off after 10 seconds, while the rest of the lights on the truck remain on.

Solution

The solution is to change the parameter A0354470646-001 ECU_STAY_AWAKE (Figure 1) from sleep allowed to stay awake. Under the FSC Parameter OutputPinBlock 1_12 in the PFSC_output_pin0005_stay_away drop-down menu select stay awake option.

