

# SS 3158 – FTL M2 and SD+ Bodybuilder Marker Lights Turn Off While Truck Lights Remain On.

## **Applicable Vehicles**

M2 and SD+ 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.

**Parameters** 2024 Western Star 47X Chassis 6 x 4 Truck  
VIN: 5KXHBPFM3RLVD1960

English (United States) troubleshooting catalog (Technical Literature) is more than 7 days old and should be refreshed. This requires an internet connection and may take a few minutes, but you may continue

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Parameter	Part	Value	Units	Minimum	Maximum
<b>XMC02T - Extension Module Cabin</b>					
<b>FSC Parameters OutputPinBlock 1,12</b>	n/a				
PFSC_output_pin0004_PPSL	n/a				
PFSC_output_pin0004_optr	n/a				
PFSC_output_pin0004_stay_aware	n/a				
PFSC_output_pin0005_PPSL	n/a				
PFSC_output_pin0005_optr	n/a				
PFSC_output_pin0005_stay_aware	n/a				
PFSC_output_pin0006_PPSL	n/a				
PFSC_output_pin0006_optr	n/a				
PFSC_output_pin0006_stay_aware	n/a				
PFSC_output_pin0007_PPSL	n/a				
PFSC_output_pin0007_optr	n/a				
PFSC_output_pin0007_stay_aware	n/a				
PFSC_output_pin0008_PPSL	n/a				
PFSC_output_pin0008_optr	n/a				
PFSC_output_pin0008_stay_aware	n/a				

Value dropdown menu:  
 A0354470646-001 PARM-PFSC\_output\_pin0005\_stay\_aware=ECU\_STAY\_AWAKE  
 A0354470746-001 PARM-PFSC\_output\_pin0005\_stay\_aware=ECU\_SLEEP\_ALLOWED

Figure 1

Labels :

- 106SD
- 108SD
- 114SD
- 122SD
- M2

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