

SS 3092-FTL2022 New Cascadia sSAM with Connector Cavity Terminals Missing

Applicable Vehicles

New Cascadia vehicles built since 9/27/2021.

Symptoms

No symptoms associated with this Service Solution, only information related to the “Low Variant” Single Signal Detection and Actuation Module (sSAM).

Issue

Due to electronic driver shortages, low variant sSAM were created for installation on vehicles not requiring the full use of sSAM drivers. The low variant module eliminates 7 pins in the sSAM.

Solution

The plan is to supply low variant modules only during the electronic driver shortage. The low variant sSAM started in production on 9/27/2021 and as of the date of this publication, the elimination of this module, due to the shortage, is scheduled for roughly mid-year 2022.

Below Table 1 documents pin locations that were eliminated as part of the low variant modules. In the case of a failure of a low variant module, a high variant module should be used as a replacement. Table 2 shows the comparable high variant module to be used as a replacement in the case of a low variant failure.

Table 1

Output Option Description	Connector	Pin	Typical Option
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Utility Lamp 2	X4	7	
Configurable High Side Output #3	X7	31	PTO 2 Engagement So
Configurable High Side Output #4	X7	30	Suspension Raise Sole
Configurable High Side Output #5	X7	33	Backup Light Commar
Configurable High Side Output #6	X7	32	Trailer Hold Solenoid
Configurable High Side Output #11	X7	18	Rear Axle Diff Lock 2 A Indicator/Solenoid
Configurable High Side Output #12	X7	27	Rear Axle Diff Lock 1 A Indicator/Solenoid

Table 2

HIGH Variant	LOW Variant
A66-10744-002	A66-28150-000
A66-10744-003	A66-28150-001`



Labels :

Electrical

New Cascadia

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