

SS 1034868 New Cascadia Flickering Reading Light

Applicable Vehicles

All New Cascadia equipped with a DR 40SI alternator, possibly other alternator options.

Symptoms

Flickering overhead reading light during slight movement of the steering wheel.

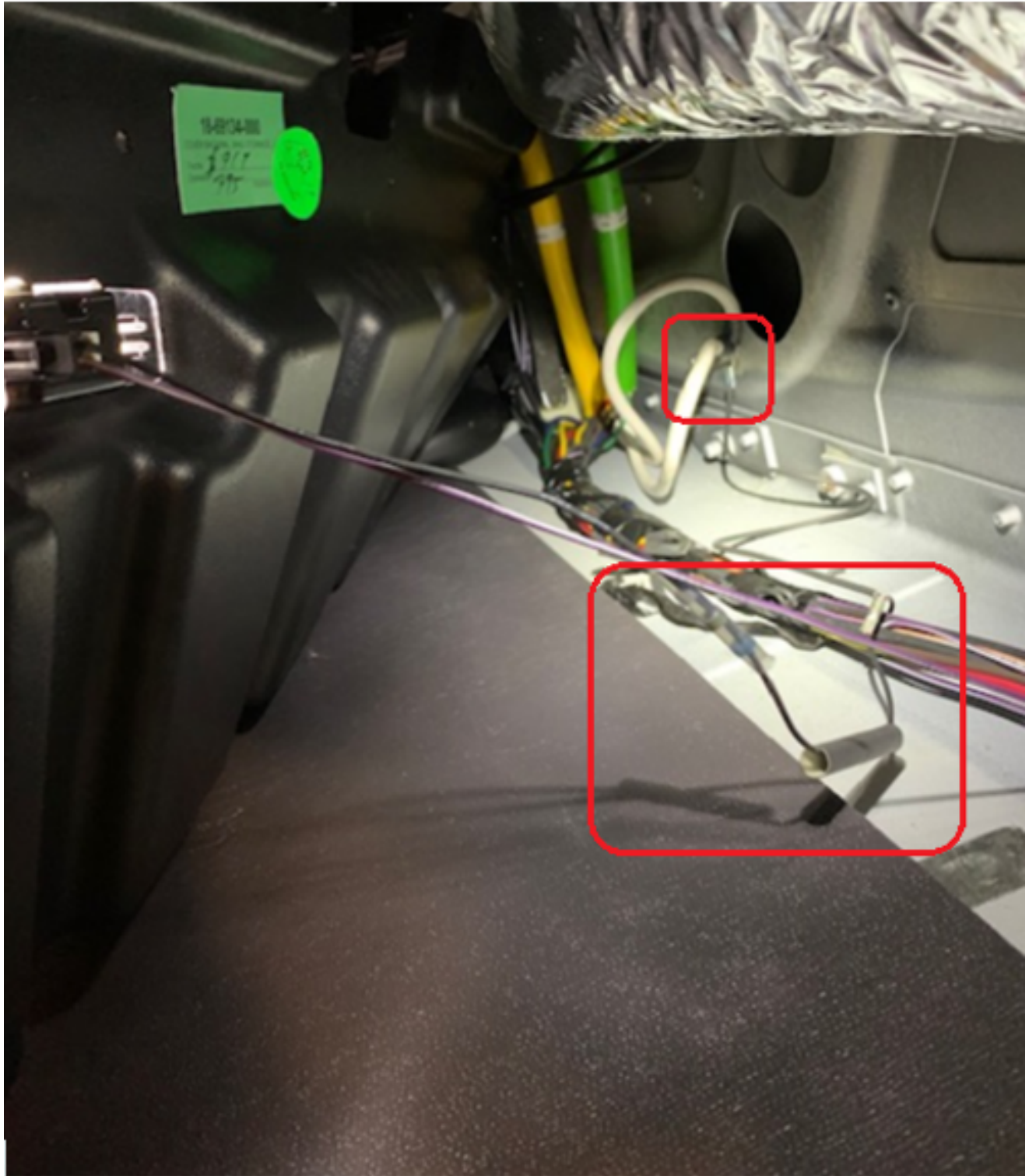
Issue

All power receptacles not populated, slight movement of the steering wheel, can result non cyclical flickering of the overhead reading light. Reports of this issue to date have only been identified in applications of DR 40SI alternators. The sensitivity of the overhead reading light LED may pick up random ripples in current to the reading light assembly. Field staff discovered that the light would stop flickering when turning on either a cargo lamp or bunk lamp. Adding a redundant ground from the cargo light to the backwall stud suppresses the flickering light.

Solution

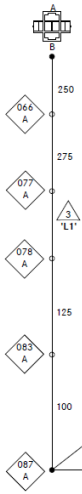
The flickering overhead light is considered a nuisance, and can be simply eliminated by either adding an accessory to one of the power receptacles, or running an additional ground in one of the sleeper bunk lamps to suppress the ripples on the circuit. Future plans include supplier update to the reading light assembly that includes a suppressor.

See attachments.



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ID:	LT_SLPR_FLR_O_SW_DOOR_2A
PN:	23-13145-206
CAV CIR#	
A	113 # 1318 (PRP-W)
B	113B # 1318 (PRP-W)



ID:	LT_SLPR_FLR_O_SW_BUNK_2A
PN:	23-13145-206
CAV CIR#	
A	113 # 1318 (PRP-W)
B	113B # 1318 (PRP-W)

ID:	LT_SLPR_FLR_O_S_113B_1B
PN:	A23-13823-000
CAV CIR#	
X	113B # 1318 (PRP-W)
X	113B # 1318 (PRP-W)
X	113B # 1318 (PRP-W)

ID:	LT_SLPR_FLR_O_LP_BAG_OCMPT_LH_1A
PN:	23-13141-207
Add on:	23-13302-014
CAV CIR#	
A	GNDP # 1209 (BK)
B	113B # 1318 (PRP-W)



ID:	GND_INT_FLR_O_S_GNDP_4A
PN:	A23-13823-000 REF
CAV CIR#	
X	GNDP # 1209 (BK)

