



STAR ONLINE PUBLICATION



Case Number: S2108000077

Release Date: 03/24/2021

Symptom/Vehicle Issue: Trailer Tow 7-way Connector, Parking Lamp And B+ Terminal No Battery Voltage

Customer Complaint/Technician Observation: Owner has a 5th Wheel trailer package sales code AHU with the above circuits inoperative at the seven way. Technician observed no battery voltage at the 7 way - connector terminal (E) B+, (F) Trailer Tow Park Lights.

Repair Procedure: Inspect fuse 30 and 29 within the PDC. Review the harness routing at the driver wheel well I221 connector location looking for any signs of harness contact or chaffing with the W750 and L76 circuits. Repair the involved wiring or connector as needed Fig 1, 2.

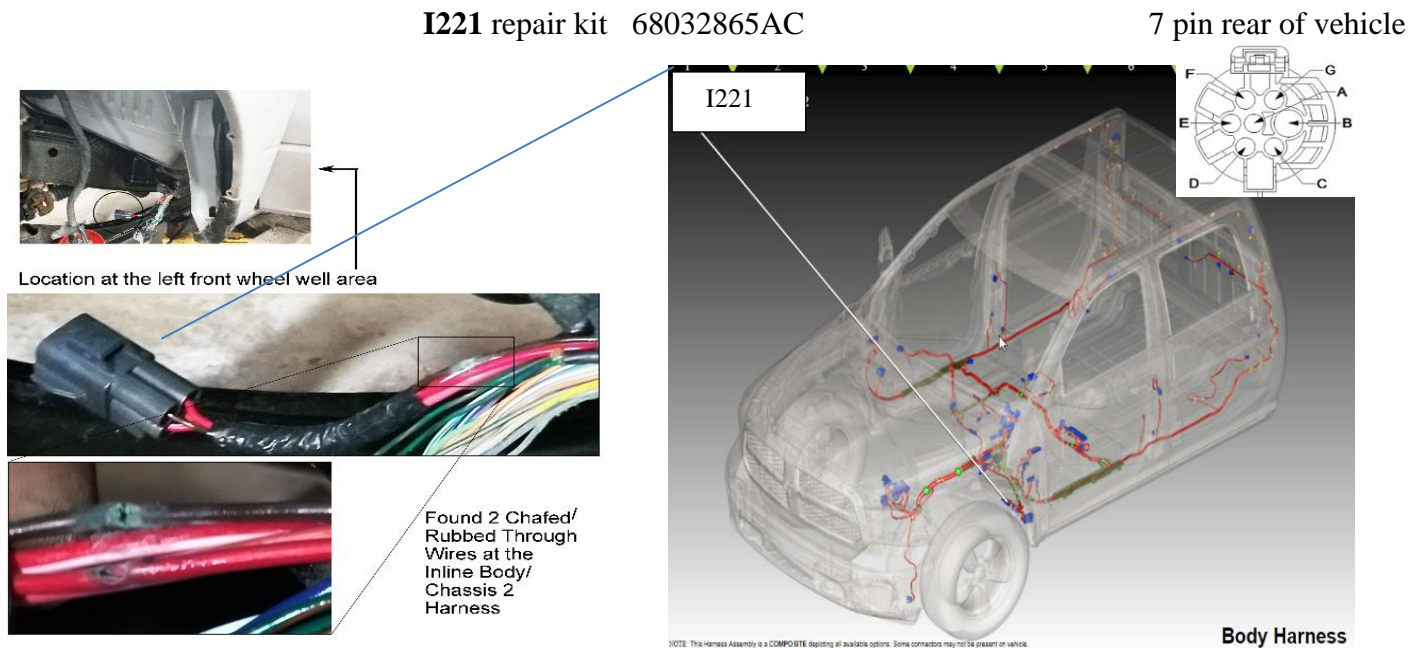


Fig 1

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

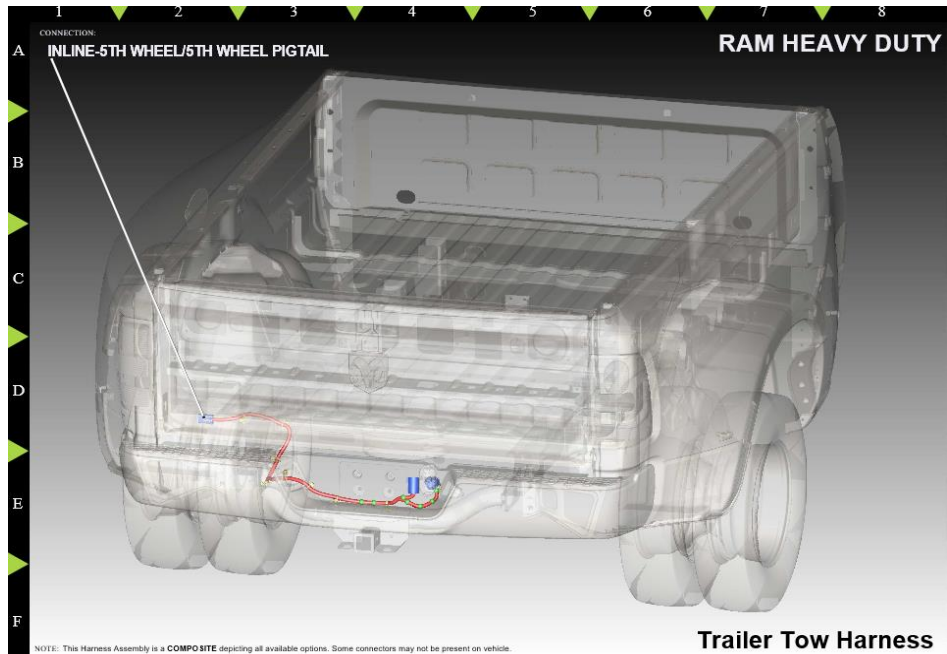
Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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I580A



NOTE: This Harness Assembly is a COMPOSITE depicting all available options. Some connectors may not be present on vehicle.

Pin	Harness Family	Circuit	Circuit Functions	Color	Gauge/Size	Option
1	5TH_WHEEL	W750	FUSED B(+)	RD / VT	1.0	
	5TH_WHEEL_PIGTAIL	W750	FUSED B(+)	RD / VT	2.0	
2	All Variants	L76	TRAILER TOW RELAY OUTPUT	WH / BN	1.0	
	5TH_WHEEL	L615	TRAILER TOW LEFT STOP/TURN SIGNAL	YE	1.0	
3	5TH_WHEEL	L615	TRAILER TOW LEFT STOP/TURN SIGNAL	YE	1.0	
	5TH_WHEEL_PIGTAIL	L615	TRAILER TOW LEFT STOP/TURN SIGNAL	YE	0.75	
7	5TH_WHEEL	L614	TRAILER TOW RIGHT STOP/TURN SIGNAL	GN	1.0	
	5TH_WHEEL_PIGTAIL	L614	TRAILER TOW RIGHT STOP/TURN SIGNAL	GN	0.75	
8	5TH_WHEEL	B40	ELECTRIC BRAKE FEED	GY	1.0	
	5TH_WHEEL_PIGTAIL	B40	ELECTRIC BRAKE FEED	GY	2.0	
9	5TH_WHEEL	L111	TRAILER TOW BACKUP LAMP FEED	WH / BN	1.0	
	5TH_WHEEL_PIGTAIL	L111	TRAILER TOW BACKUP LAMP FEED	WH / OC	1.0	
10	5TH_WHEEL	Z914	GROUND	BK / CY	1.0	
	5TH WHEEL PIGTAIL	Z914	GROUND	BK / CY	3.0	

Fig 2

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