

PREVOST

Instruction Sheet

IS-21907 CO-07

ABLE (Automatic Bus Lane Enforcement) PROVISION

Change order 07

First Release

09-15-2021

APPLICABLE TO: M-7751 up to M-7884 incl. (DOB number 1300 up to 1466 incl.)

MATERIAL

Part No.	Description	Qty
402192	PLATE VIDEO 04, SECOND COMPARTMENT	1
0610533	DECAL, M2 EL, FIRST PARCEL RACK	1
561606	CONNECTOR, PED W-PACK 6 PH	1
561567	TERMINAL, PED WEATHER-P PIN 20-18AWG	5
561565	WIRE SEAL PED W-PACK 20-16 GREEN	5
561783	CAVITY PLUG, PED W-PACK GREEN	1
564055	TERMINAL, BUSSMAN SEALED SOCKET 18-16AWG	2
560096	TERMINAL, RING, ST, 22-18,1/4, INS	1

Bulk wire

Part No.	Description
563286	WIRE, 18 AWG, TXL, ORANGE, 125 DEG
562593	WIRE, 18 AWG, TXL, YELLOW, 125 DEG
562590	WIRE, 18 AWG, TXL, RED, 125 DEG
562587	WIRE, 18 AWG, TXL, BLACK, 125 DEG

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RETROFIT

RETROFIT ON VEHICLES FROM M-7751 up to M-7828 incl. (DOB number 1300 up to 1386 incl.)

62 units

Installation of:

- New video plate and relocation of modem
- 5 new circuits, connector & connection to VEC module and BHS harness

RETROFIT ON VEHICLES FROM M-7829 up to M-7884 incl. (DOB number 1387 up to 1466 incl.)

56 units

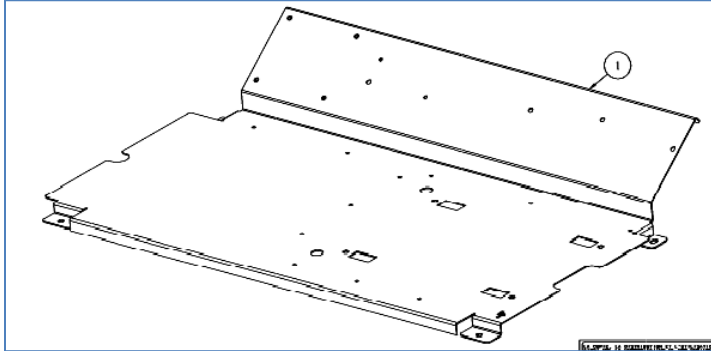
Installation of:

- 5 new circuits, connector & connection to VEC module and BHS harness

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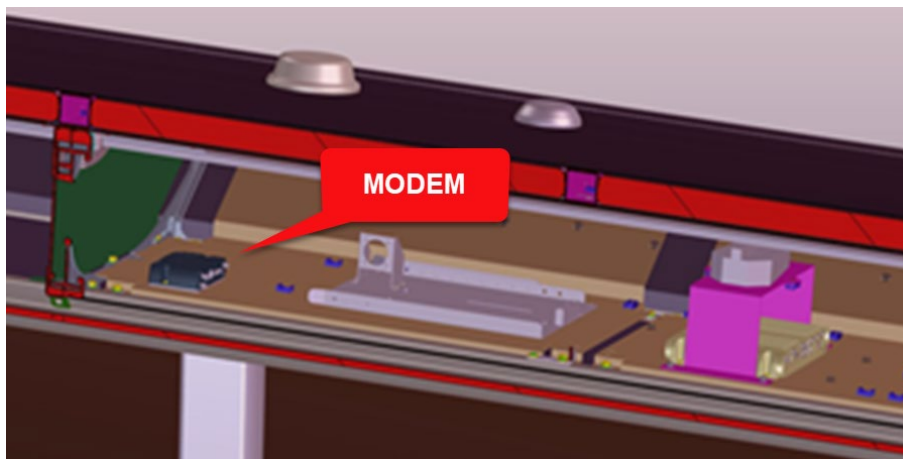
NEW VIDEO PLATE AND RELOCATION OF MODEM

1. Replace the existing video plate by new video plate 402192.

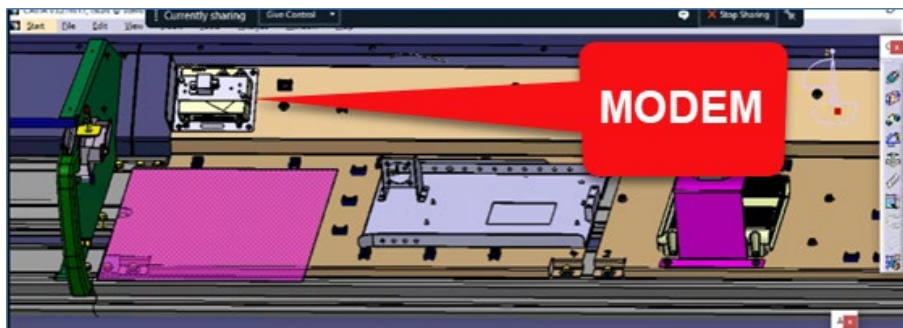


2. Relocate the modem as shown.

Before



After



5 NEW CIRCUITS, CONNECTOR & CONNECTION TO VEC MODULE AND BHS HARNESS

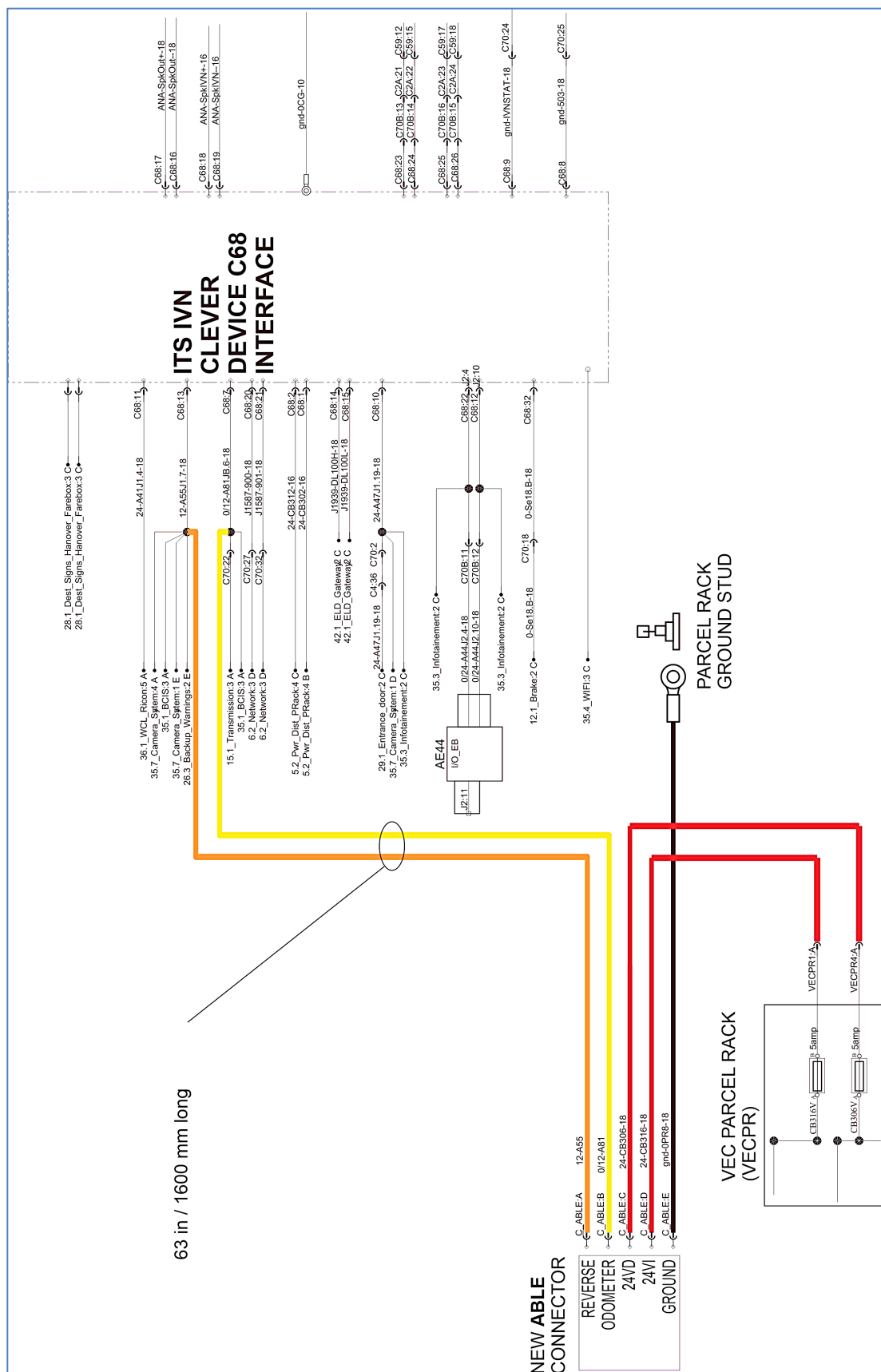
1. Install 5 new circuits and connector PED WEATHER-PACK 561606 along with terminal, seals and one plug. The new harness must measure 1600 mm long (63 in) from the node to C68 harness. Respect the circuits color code.
2. Connect the following circuits to the VEC (VECPR) located in the parcel rack.

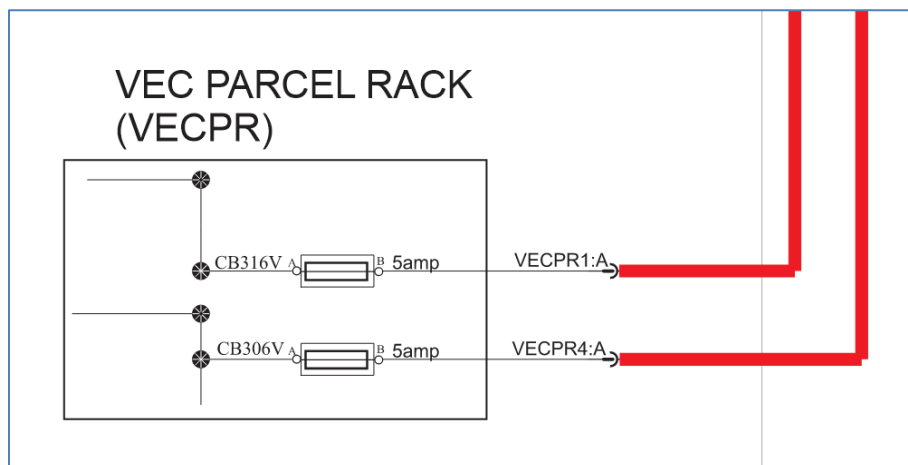
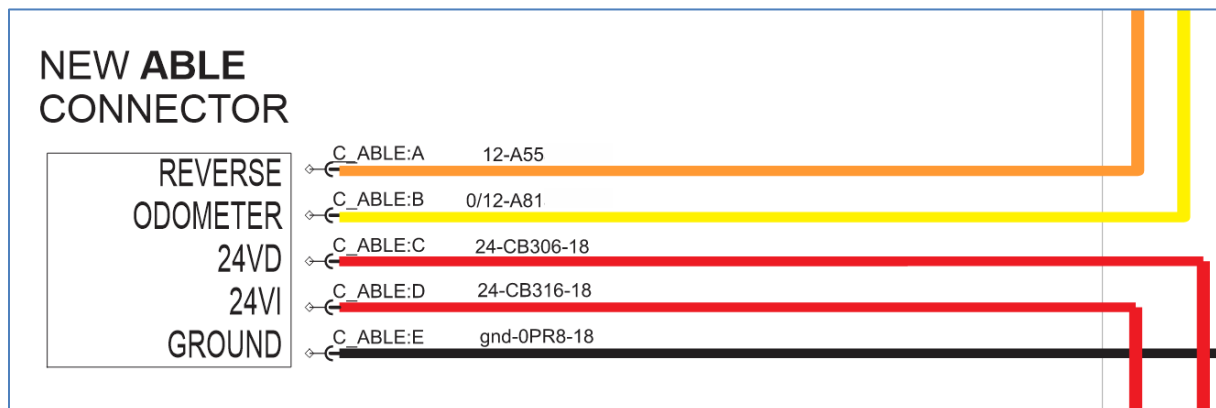
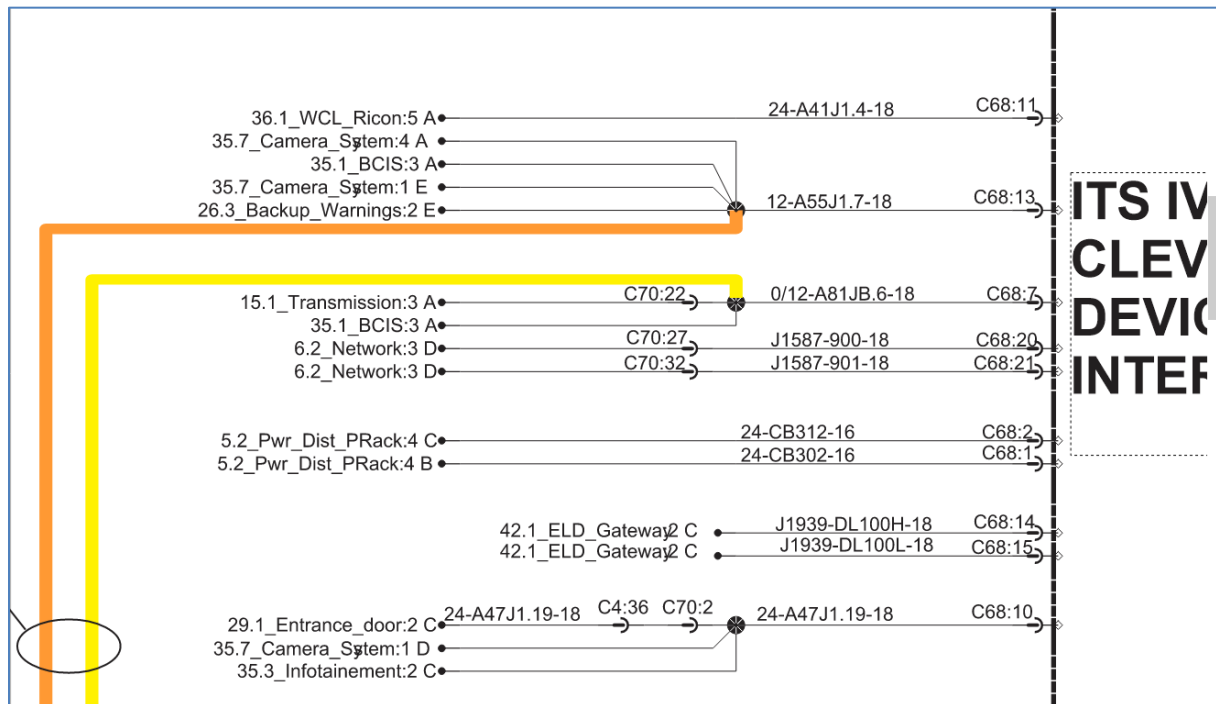
Circuit CD316 to VECPR connector 1 pin A

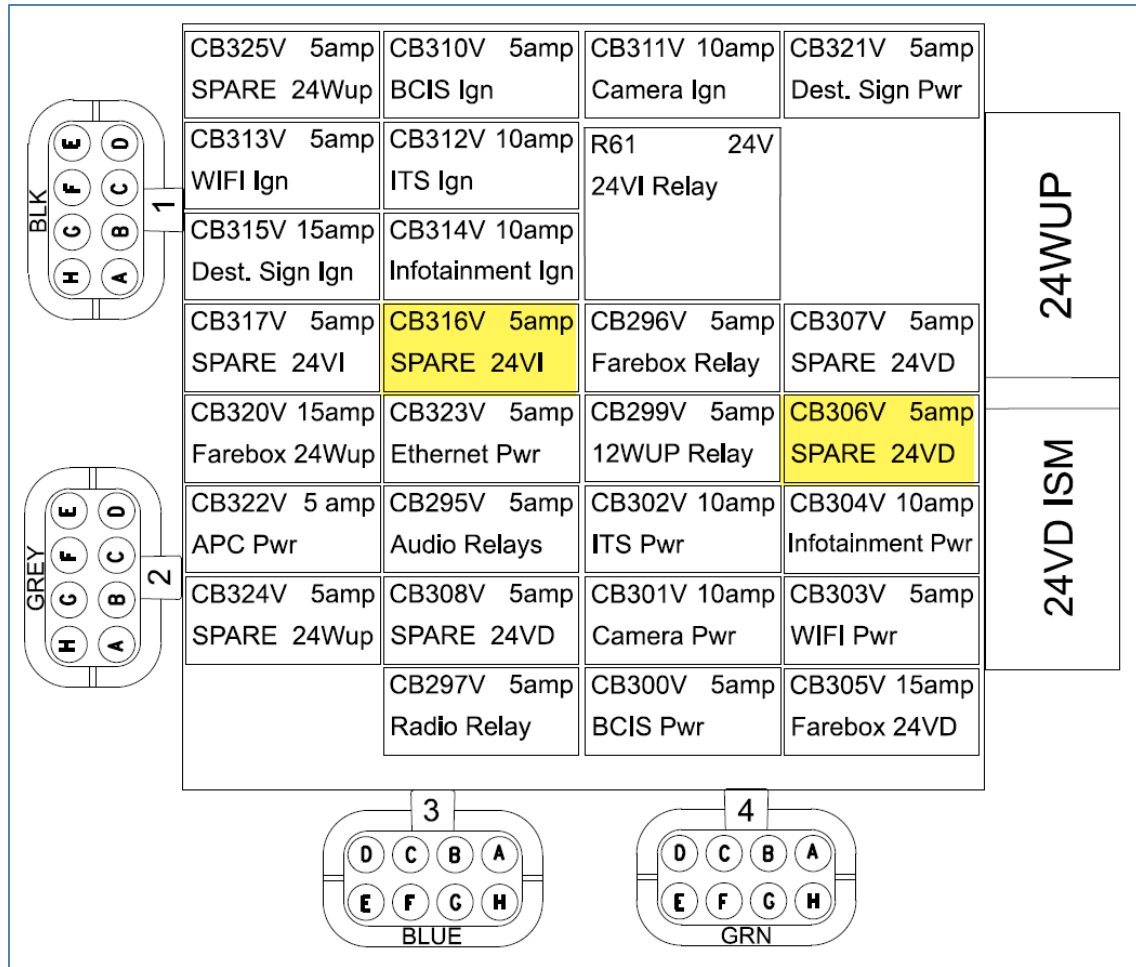
Circuit CD316 to VECPR connector 4 pin A

Circuit OPR8 to the parcel rack ground stud

3. Secure the new harness using nylon ties.
4. Apply new decal 0610533.







VECPR (VEC PARCEL RACK)

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)