

PREVOST

Instruction Sheet

IS-14900

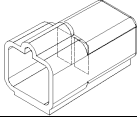
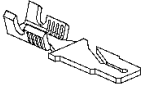
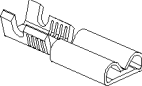

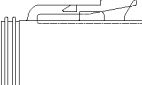
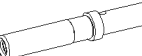
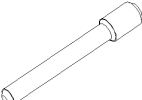
562489 Dimmer replacement

H series From T-1324

X series From T-5694

MATERIAL

Kit #069136 includes the following parts:

Part No.	Description	Qty
564592	Dimmer, 24 to 28VDC PWM	1
561030 	Connector, 2 cavity, PED	1
561068 	Blade terminal	2
561108 	Tab Terminal	1
560899 	Socket Terminal	1
562477 	Connector 4 cavity, Deutsch DT series	1
562478	Secondary lock, Deutsch DT series	1
561608 	Socket Terminal	3
561996 	Seal plug	1
IS-14900	Instruction Sheet	1
FI-14900	Feuille d'instructions	1

Other parts to purchase locally, part numbers provided for reference:

Part No.	Description	Qty
563297	18 ga wire TXL White	A/R
562590	18 ga wire TXL Red	A/R
562587	18 ga wire TXL Black	A/R

NOTE

Material can be obtained through regular channels.

With the provided parts, construct a patch harness that will connect the new dimmer to the dash. Purchase 18-gage wires locally.

Depending on vehicle Series (H or X) connections will differ. Refer to the appropriate Section in this document.

Please familiarize yourself with the complete procedure before performing any work.

PROCEDURE



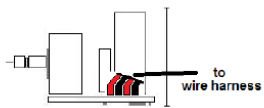
DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. H series Vehicles

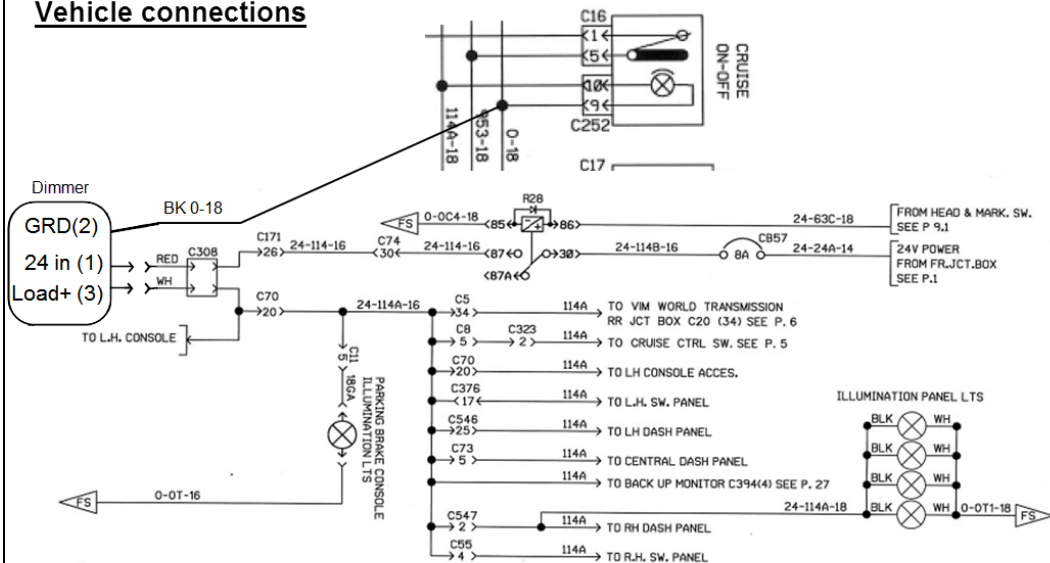
WIRING SCHEMATIC

Dimmer Pin out



Pin out:	
1	= 24V (+) IN
2	= GND (-) IN
3	= (+) OUT
4	= Not Used

Vehicle connections



PATCH HARNESS

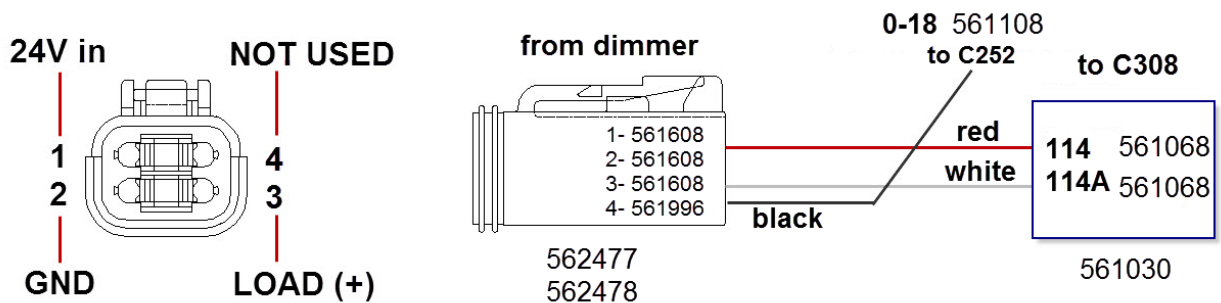


FIGURE 1

- 1.1. On H series vehicles, open the side console panel, 3 screws



- 1.2. Remove the old dimmer and replace by the new part.
- 1.3. Measure required patch harness length considering the harness will run from dimmer connector to C308 and one ground wire will go to the Cruise ON-OFF switch ground.

Construct patch harness according to Figure1 above.

Red wire to C308, circuit 114.

White wire to C308, circuit 114A.

Black wire will run to Cruise ON-OFF switch C252 cavity 9 ground circuit.



- 1.4. Connect 4 pin connector to Dimmer.
- 1.5. Connect 2 pin connector to C308 which can be found in the wire harness between the alarm junction box and the former dimmer.
- 1.6. Behind the cruise ON-OFF switch, connector C252 in cavity 9, remove ground wire 0-18 and remove terminal.
- 1.7. On existing wire 0-18, crimp new terminal 561108 along with black ground wire from patch harness.
- 1.8. Re-insert in C252, cavity 9.
- 1.9. Test proper operation of the dimmer.

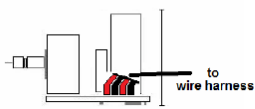
Ground to
Cruise on-off
switch



2. X series Vehicles

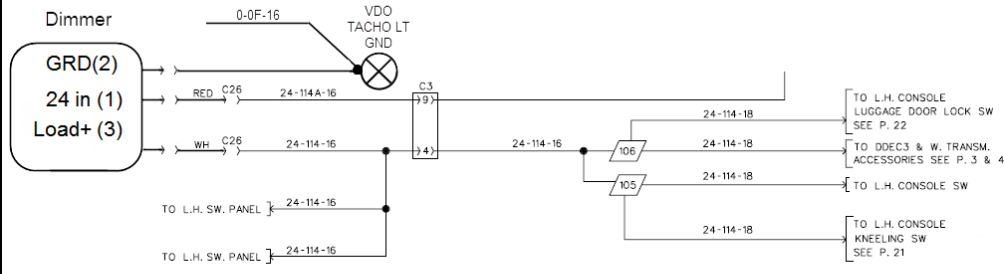
WIRING SCHEMATIC

Dimmer pin-out

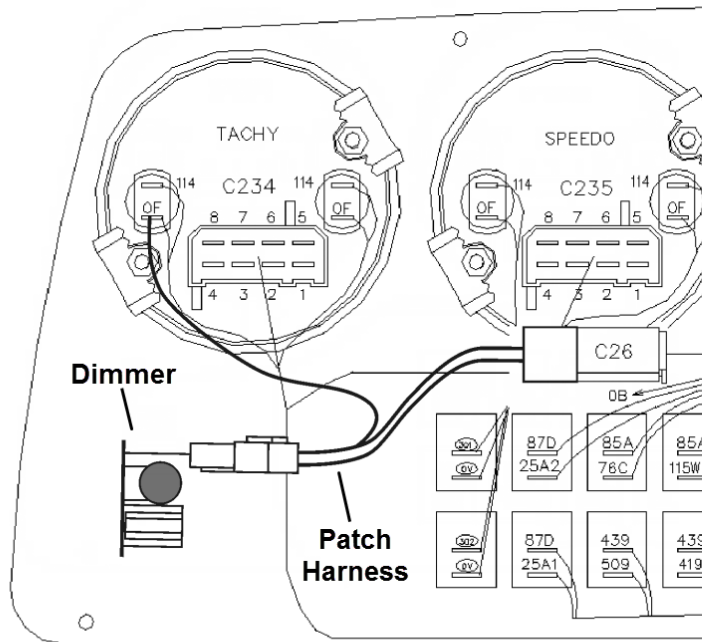


Pin out:	
1	= 24V (+) IN
2	= GND (-) IN
3	= (+) OUT
4	= Not Used

Dimmer connection to vehicle



PHYSICAL CONNECTIONS



PATCH HARNESS

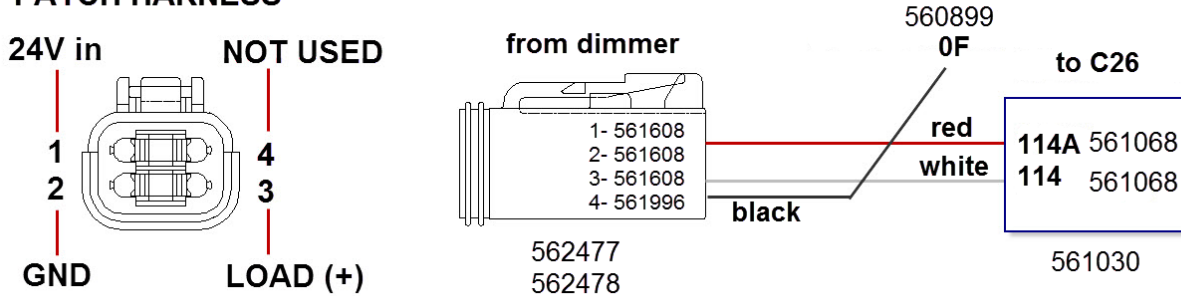


FIGURE 2

Please read through the complete procedure before performing any work.

- 2.1. On X-series vehicles, open the center dashboard panel
- 2.2. Remove the old dimmer and replace by the new part.
- 2.3. Measure required patch harness length considering the harness will run from dimmer connector to C26 and one ground wire will go to the tachometer ground.

Construct harness according to Figure 2 above.

Red wire to C26, circuit 114A.

White wire to C26, circuit 114.

Black wire will run to Tachometer light ground circuit.

- 2.4. Connect 4 pin connector to dimmer.
- 2.5. Connect 2 pin connector to C26
- 2.6. Disconnect ground 0-0F-16 on tachometer.
- 2.7. Remove terminal on existing wire.
- 2.8. On existing ground wire, crimp terminal 560899 along with black ground wire from Dimmer.
- 2.9. Connect ground circuit to ground pin on tachometer light.
- 2.10. Test proper operation of the dimmer.

PARTS / WASTE DISPOSAL

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