

# PREVOST

## Instruction Sheet

## IS-14145

### ADDITION OF SUNSHADE SWITCHES ON THE DASHBOARD

Apply to vehicles H3-41, H3-45, X3-45 coaches and VIP

Starting model year 2011

#### MATERIAL

Kit #069235 includes the following parts:

| Pièce No     | Description                    | Qté |
|--------------|--------------------------------|-----|
| 069234       | Sunshade connectors and wiring | 1   |
| 562699       | Switch NGR EATON8961k682       | 2   |
| 562739       | Rocker button NGR534446        | 2   |
| 562768       | Female terminal PED (16-14)    | 3   |
| FI14145      | Feuille d'instructions         | 1   |
| IS14145      | Instruction sheet              | 1   |
| D061350P41.1 | Sunshade wiring diagram        | 1   |

Other part that may be require:

| Pièce No. | Description | Qté |
|-----------|-------------|-----|
| 504637    | Nylon tie   | 3   |

#### **NOTE**

Material can be obtained through regular channels.

#### PROCEDURE



#### **DANGER**

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button.



Use personal protection equipment required (PPE).

1. Remove dashboard cover to get access to wires, connections and A55 module. Remove M4-0.7 x 20 screws (5) that fix the cover to the dashboard (Fig.1).

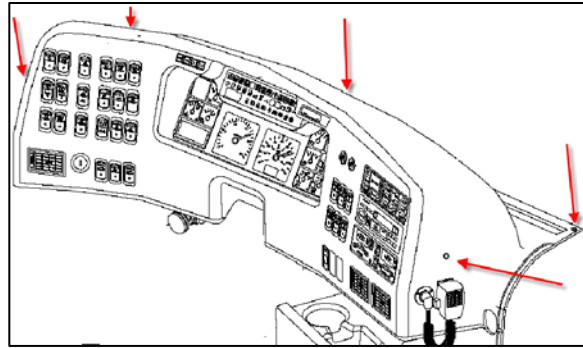


Fig.1

2. Unplug connector J1 from the A55 module. You should see a tag that identifies the connector (see figure 3).

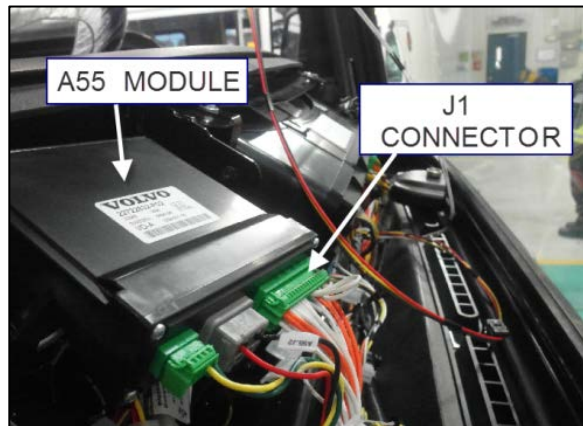


Fig.2

3. Plug white wire #326A into cavity A55-J1-2 and white wire #326B into cavity A55-J1-3. (see wiring diagram in annex A).

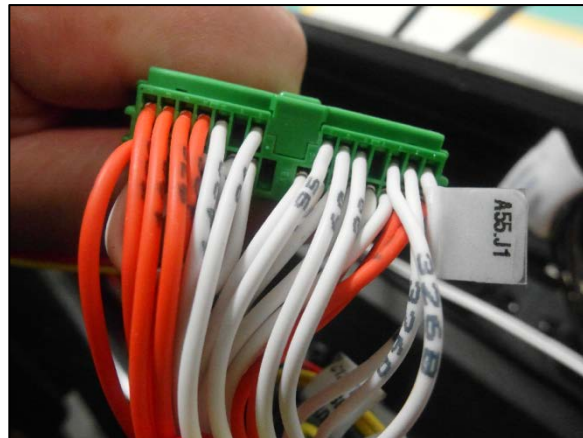


Fig.3

4. For the next step, you will connect the three power supply wires (yellow/red/black) of the new switches to equivalent wires of an existing switch located on the dashboard. The choice of the existing switch is not important, but it has to have wires #114-A, #24VD1 and # 00A connected.

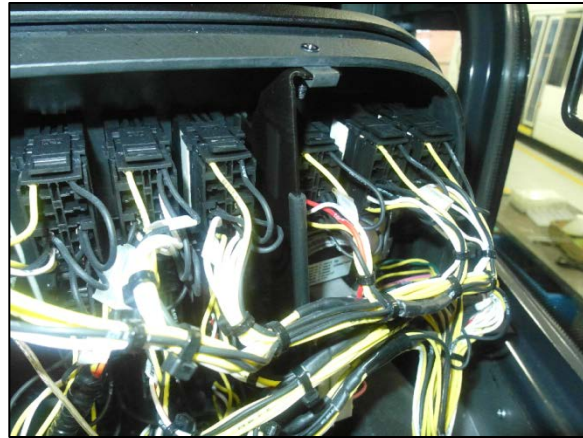


Fig.4

5. On the chosen existing switch, unplug yellow wire #114-A, and write down the cavity number on paper.
6. Cut the yellow wire #114-A to remove the existing terminal. Cut to clear ½” of wire plastic protection.
7. Cut to clear ½” of wire plastic protection on the new switch yellow wire #114-A.
8. Twist wires #114-A together.
9. Crimp twisted wires into a new female terminal (part #562768) as shown in figure 5.

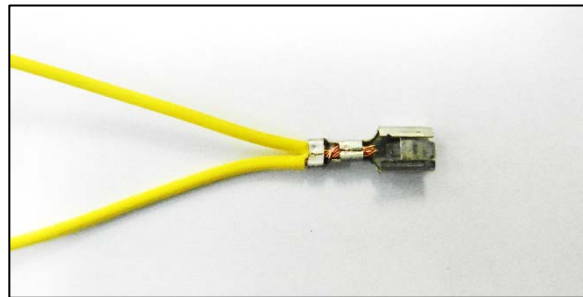


Fig.5

10. Plug the new double wires with the terminal into the cavity of the existing switch (step 5).
11. Repeat steps 5 to 10 with red wire #24VD1 and with black wire #00A.
12. Clip the two rocker buttons (part #562739) into the switch connectors #SW160 and #SW161.

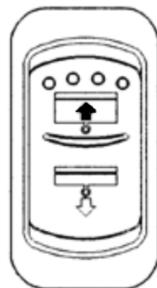


Fig.6

13. Plug switch #SW160 to connector #SW160 and switch #SW161 to connector #SW161. Both orientations are possible. Test rocker buttons to all positions to check if both sunshades are running well. Sunshade should slide down when you push the white arrow on the rocker button. If it is not the case, disconnect the switch from the connector, rotate it 180° and reconnect. Test both switches if it is running well.

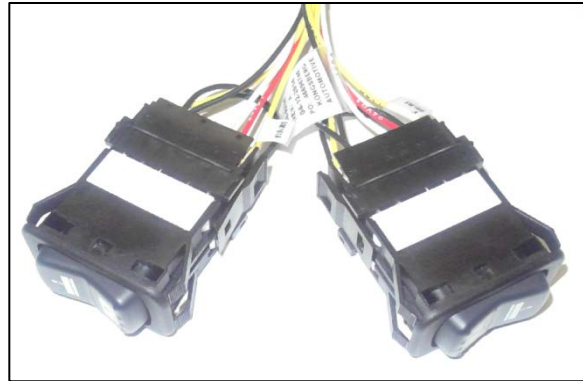


Fig.7

14. Insert and snap switches into the dashboard apertures. As shown in figure 8, we suggest positioning the switches side by side and on the left side of the steering wheel. Switches on the left side are normally used to control driver accessories.



Fig.8

15. Rocker buttons should be orientated as shown in figure 9 with the black arrow and bumps pointing upward. Other switch buttons should also have this configuration. Switch #SW160 control left sunshade and should be on the left of switch #SW161.
16. Test both switches to all button positions to check if both sunshades are running well.
17. Use nylon tie to fix wiring cable of the new switches with the existing wiring cable in the dashboard.



Fig.9

18. Replace dashboard cover. Use M4 -0.7 x 20 screws (5) to fix the cover to the dashboard. (Fig.10).

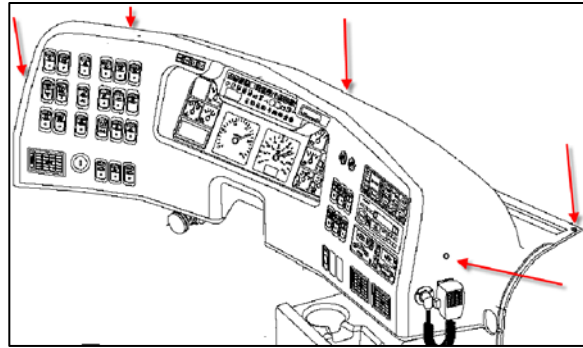


Fig.10

**NOTE**

*Multiplex upgrade should be performed on your vehicle to include new switches. For more information, please contact your regional service manager or your Prevest service center.*

**NOTE**

*Dash and steering wheel controls for the sunshades work in parallel and the driver can use them based on its own preference. However, if both set of controls are pressed at the same time, the dash controls will have priority and the steering wheel controls will be deactivated until the ignition is turned off and on again.*

**PARTS / WASTE DISPOSAL**

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

# ANNEX A

## PARTIAL SUNSHADE WIRING DIAGRAM

