

Awning Switch Relay Modification

The power awning may continue to extend beyond normal end travel position after the activation switch is released due to the activation switch not having a dynamic brake function. The user may find themselves running the awning in and out several times until the optimum position is reached.

Solution: Install KIB awning control relay harness between awning control switch and existing switch panel harness.

Tools Needed:

Screw Gun with #2 square bit

Wire stripper/cutter

Parts Needed:

F100376305 Awning Brake Relay Harness

(4) Wago 221 (10-20g) Wire Connectors

Procedure:

- The motorhome should be unplugged from shore power, generator is shut down and the battery disconnect is turned off.
- Remove the Light Switch Panel (Fig. 1) by removing the 4 screws with screw gun and #2 square drive bit.



Fig. 1

- Remove the 4 wires from the awning switch.



- Install the Awning Brake Relay Harness onto the switch as shown in Fig. 2



Fig. 2

- Using wire stripper/cutter, cut off the spade connectors from the wires removed from the switch panel (black, white, red-yellow, yellow). Strip 3/8" of conductor cover from ends of wires.
- Install the wires into the Wago 221 Wire Connectors as shown in Figure 3. Relay harness Red to Panel Harness Yellow; Relay Harness Black to Panel Harness White, Relay Harness Green to Panel Harness Black, and Relay Harness Yellow to Panel Harness Red/Yellow.

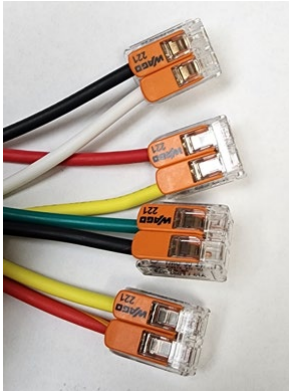


Fig. 3

- Turn on the battery disconnect switch and test awning operation; it should come to a complete stop when the awning is extended to normal position. Return awning to retracted position.
- When operating normally, reinstall the switch panel back in place.