Quick Reference Guide # 18

Removal and Replacement - Motorized Windshield Shade assembly 4280(P) or 4270(P):

This guide applies for both 1st Generation, and 2nd Generation of windshield shade motors, either if standard motor is used, or ignition-lock motor is used.

1. To disconnect wires of the shade:
   Before you remove the shade from the ceiling, you need to disconnect the cables of the shade from the coach wiring. On 2nd Generation of Motors there is a Molex connector that you need first press the tab on the Molex connector and then pull it to separate. See the following:
On 1st generation of motors, as you can see in the following image, there is no Molex connector. You need to pull the wrapped bundle of wires out and open the wrap, then disconnect the wires from the vehicle wiring. Do not cut the wires. Label the wires before disconnection on the vehicle side.
2. To remove the whole shade assembly:

Now that you disconnected all wires, you are ready to remove the whole shade assembly. The windshield shade mounts on the ceiling of the coach. The top Rail of the shade has 4 to 6 mounting brackets, each bracket has two screws. Please note this job needs two people. On the following pictures you can see how the shade assembly is installed to the ceiling.

First remove the screws on middle brackets. Now you have only one bracket left on each sides that still attached. Here you need two people, and remove the screws on both bracket on each side at same time, while holding the shade. Then bring the shade assembly down. For instruction how to reach the screws behind the valence, consult with your coach manufacturer.
The following picture shows the windshield shade assembly already removed from ceiling.

Note 1:
If you need to use same shade but to replace only motor(s), at this step follow to Q-Ref 19 for standard motor, or Q-Ref 20 for Ignition Lock Motor.

Note 2:
If you have a broken safety spring on the windshield shade, at this step follow to Q-Ref 23.

3. Installing the new shade back:
   For installation of new shade, follows above instructions in reverse order.

After installation, to adjust the limits, if standard motor is used go to Q-Ref 2, and if Ignition-Lock Motor is used go to Q-Ref 9.