SLIDING ROOF SYSTEM

■ DESCRIPTION

The sliding roof control ECU controls the sliding roof system. This ECU uses two Hall ICs to detect the position of the sliding roof. The sliding roof control ECU and the two Hall ICs are integrated in the sliding roof motor assembly.

- This system is provided on the M grade as optional equipment.

Service Tip

The memory is not cleared even if the auxiliary battery terminals are disconnected. However, initialization is necessary after the sliding roof motor assembly is replaced. Perform the initialization as follows:

1) Keep pressing the slide roof switch (TILT-UP or SLIDE CLOSE) until the initialization is complete. This will enable the sliding roof control ECU to start initializing and perform the tilt-up, tilt-down, open, and close operations of the sliding roof in sequence.
2) Keep the switch pressed for 1 second after the tilt-up operation is completed.
3) The sliding roof control ECU performs the tilt-down, open, and close operations.
4) The initialization process ends when the close operation is completed.

Keep the slide roof switch (TILT-UP or SLIDE CLOSE) pressed during initialization. If the tilt-up or slide close switch is released during initialization, the system will not be able to complete the initialization. If this occurs, the aforementioned steps must be performed again.
For details, see the 2008 HIGHLANDER HYBRID VEHICLE Repair Manual (Pub. No. RM07V0U).