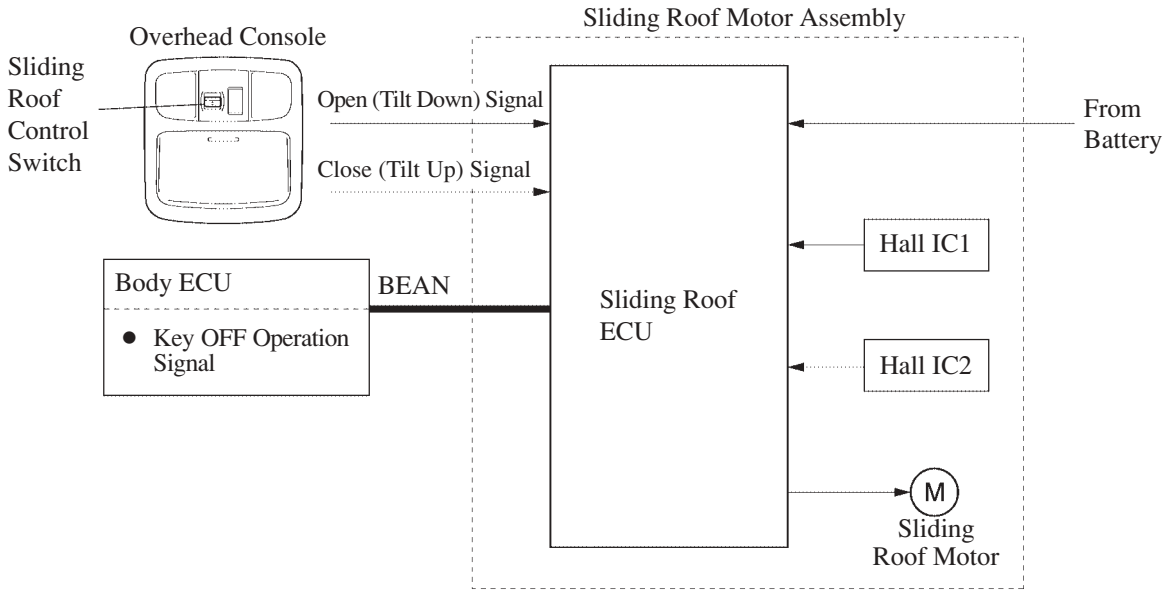
MOON ROOF SYSTEM

■DESCRIPTION

On the new Kluger, the following moon roof systems are used:

- A moon roof which uses a single glass panel to perform tilt up-and-down and open-and-close operations, is optional equipment on all models.
- The pulse sensors (Hall IC) have been adopted to detect the moon roof position.
- The sliding roof ECU and the sliding roof motor have been integrated to reduce the number of components.

▶ System Diagram ◀



D012BE35

Service Tip

The sliding roof ECU memorizes the initial position of the moon roof. Therefore, the data will be lost if a battery terminal is disconnected or the sliding roof motor assembly is removed, thus enabling the moon roof to be operated only manually. After reconnecting the battery terminal or reinstalling the sliding roof motor, initialize the system by performing the steps described below.

- With the ignition switch turned ON, keep the "TILT UP" side of the control switch pressed. This will enable the sliding roof ECU to start initializing and perform the tilt up, tilt down, open, and close operations of the moon roof in sequence.
- The initialization process ends when the close operation is completed.
- Keep the "TILT UP" side of the control switch pressed during initialization. If the "TILT UP" side of the control 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.