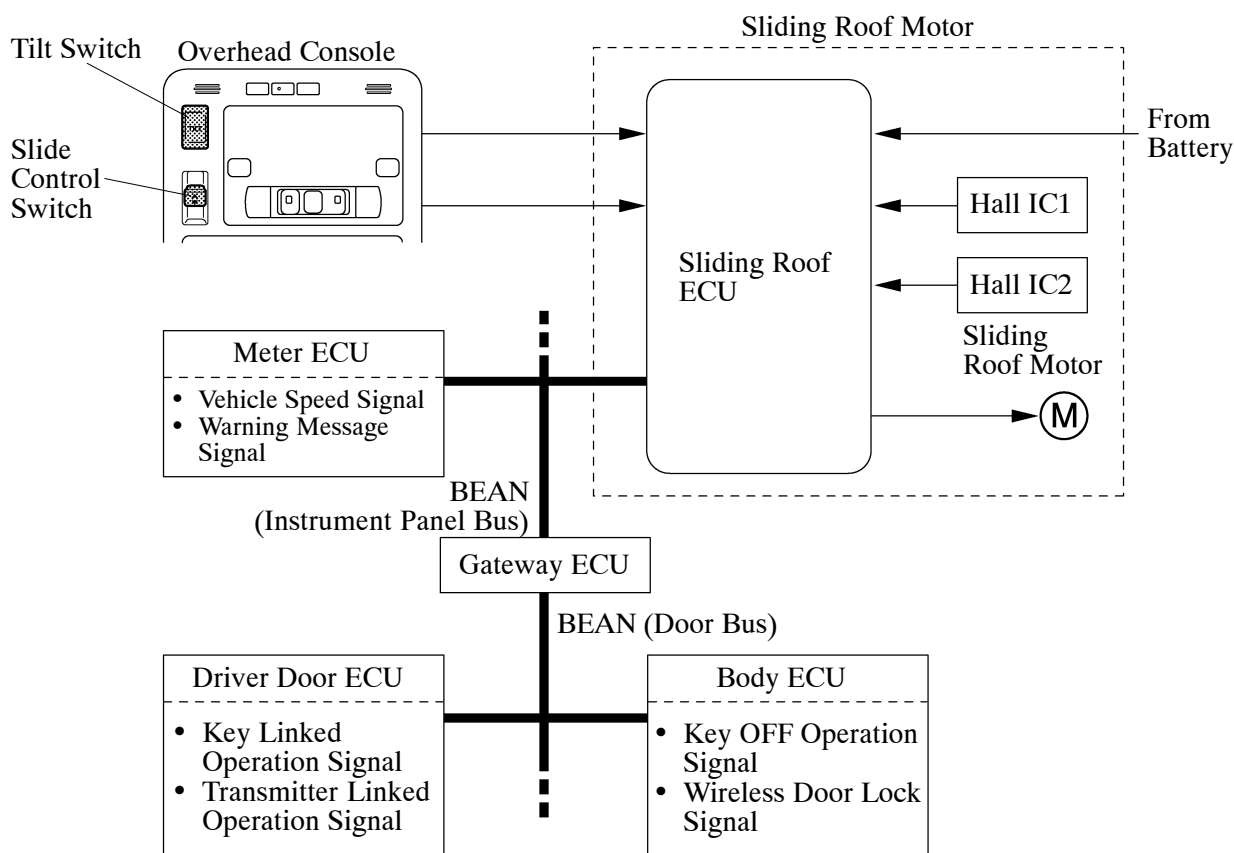


SLIDING ROOF SYSTEM

DESCRIPTION

- The sliding roof system is optional equipment on all models.
- A jam protection function has been provided.
- As on the current RX300, the new RX400h uses pulse sensors (Hall ICs) to detect the sliding roof position.
- The sliding roof ECU and the sliding motor have been integrated to reduce the number of components.

System Diagram



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Service Tip

The sliding roof ECU memorizes the initial position of the sliding roof. Therefore, the data will be lost if a battery terminal is disconnected or the sliding roof motor assembly is removed, thus enabling the sliding 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 or slide close 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 sliding roof in sequence.
- The initialization process ends when the close operation is completed.
- Keep the tilt-up or slide close switch pressed during initialization. If the tilt up or 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.