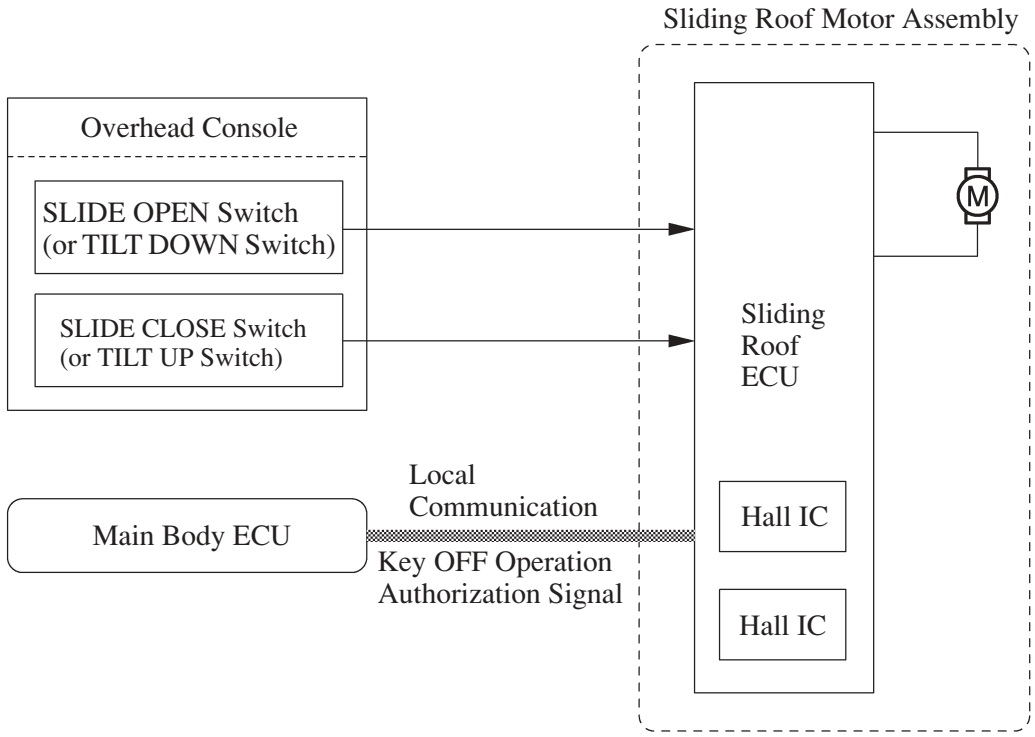
SLIDING ROOF SYSTEM

■ DESCRIPTION

- The sliding roof system is optional equipment on the high grade.
- A jam protection function has been provided.
- The new model uses pulse sensors (Hall ICs) to detect the sliding roof position.
- The sliding roof motor assembly consists of a sliding roof motor, sliding roof ECU, drive gear, etc. The gear cover is integrated with the front housing, and the drive gear and the worm wheel are integrated in order to achieve a simpler construction.

▶ 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 the sliding roof motor assembly is removed, thus enabling the sliding roof to be operated only manually. Reinstalling the sliding roof motor, initialize the system by performing the steps described below.

- As a precondition to the intialization, the sliding roof must be tilted up to the fully open position.
- With the power source mode in IG-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 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.