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Front Door Power Windows

Standard power window features include one-touch up and one-touch down operation for the driver and front passenger door.

The window control switch:

- can be used to raise/lower all windows from the master window control switch or the individual passenger window from the corresponding door switch.
- has a rear passenger window lock-out feature located on the master window control switch (SuperCab and SuperCrew only). When activated, the rear door windows only operate from the master window control switch.

Power Sliding Rear Window

If equipped, the power sliding rear window can be opened or closed by activating the power sliding rear window control switch located in the overhead console.

Rear Window Defrost

When the rear window defrost button (integral to the FCIM) is pressed, the FCIM activates the rear window defrost relay (located in the BJB). When the rear window defrost relay is active, the rear window defrost grid is energized.

Master Window Control Switch The master window control switch receives voltage whenever the delayed accessory relay is active. The master window control switch is grounded through the DDM. The master window control switch communicates to the DDM through a LIN. For SuperCab and SuperCrew, the master window control switch supplies low current voltage signal through momentary contacts to activate the internal relays within each of the rear passenger window control switches to operate the rear windows.

Passenger Door Window Control Switch The passenger door window control switch contains momentary contacts (one for each window switch direction). The PDM provides a return (ground) for the passenger door window control switch. When the control switch is activated, a ground signal is supplied to the PDM to operate the passenger door window regulator motor in the desired direction.

Driver Door Module (DDM) The DDM receives power window commands from the master window control switch through a LIN. The DDM supplies voltage and ground to operate the driver door window regulator motor. The DDM also communicates master window control switch requests to the PDM through the Medium Speed Controller Area Network (MS-CAN) to operate the passenger door window regulator motor.

Passenger Door Module (PDM) The PDM receives power window commands from the passenger door window control switch or from the DDM through the Medium Speed Controller Area Network (MS-CAN). The PDM supplies voltage and ground to operate the passenger door window regulator motor.

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