

GENERAL

The hinged panels on the vehicle are secured with latches and mating strikers. A safety catch is installed on the hood to prevent it from opening if the hood latches are open while the vehicle is moving.

The hood latches and the door latches are opened by pulling on the release handles. The tailgate latches are opened by pressing the release switches.

A remotely operated CLS controls the locking and unlocking of the door latches and the opening of the tailgate latches. In some markets, the CLS also locks and unlocks the fuel filler door. The CLS software is incorporated into the generic electronic module (GEM).

The driver exterior door handle incorporates a door lock. The door lock enables operation of the CLS with the ignition key if the remote operation fails, and allows the left front door to be mechanically unlocked if there is a vehicle power failure.

The rear door latches incorporate child locks to enable the interior door handles to be disengaged from the latch mechanisms.

HOOD LATCHES

The hood is secured by two latches, installed under the hood locking platform, which engage with strikers on the hood. The hood safety catch is installed to the left of the hood leading edge centerline, and engages with a recess in the hood locking platform.

The hood latches are opened by a release handle on the lower part of the driver side A pillar. Two hood release cables connect the release handle in series with the two hood latches. The two hood release cables are joined together by a connector block located on the inner fender.

DOOR LATCHES

The side door latches are sealed units that incorporate separate actuators for locking and superlocking the doors. Each door latch also incorporates a Hall effect sensor that operates as an ajar switch to provide a door status signal for the GEM. The driver door latch incorporates two additional Hall effect sensors to provide signals of lock and unlock selections made with the ignition key in the door lock. Turning the top of the ignition key rearwards sends a lock signal and turning the top of the ignition key forwards sends an unlock signal. The driver and front passenger door latches communicate with the GEM via their respective door modules and the P bus. The rear door latches are connected direct to the GEM.

Each of the door latches is connected to a locking button in the top of the door trim panel. Pressing the locking button down when the door is closed disengages the exterior handle from the door latch to lock the door. Pulling on the interior handle extends the locking button from the door trim again and re-engages the exterior handle with the door latch, to unlock the door (without opening the door latch). A second pull on the interior door handle opens the door latch. On all except the driver door, the doors can be slam locked after pressing the button down while the door is open. For lockout protection, the driver door locking button cannot be pressed down when the driver door is open.