

Power Trunk Lid Locks

1971-73 CADILLAC

DESCRIPTION

The rear compartment lid mechanical pull-down unit is used in conjunction with the electric lid release. A hydraulic cylinder is incorporated in the mechanism to achieve a slow, uniform closing action. On Fleetwood, Calais, and De Ville styles the cylinder is attached to a bell crank at right rear compartment lid hinge and to the closing unit by a cable. On Eldorado styles, one end of the cylinder is attached to the bell crank at right rear of compartment lid hinge and to the closing unit by a cable.

OPERATION

When rear compartment lid is lowered to a point where the lock engages the striker, approximately 7/8" from fully closed, a piston forces the fluid through an orifice retarding the closing action of the spring in the hydraulic cylinder. Then a mechanical closing unit pulls the lid the remaining distance to a fully closed position.

ADJUSTMENTS

Pull Down Unit

To actuate the mechanical pull-down unit, the rear compartment lid lock must properly engage the striker arm and depress the detent lever of pull-down unit. For proper engagement check as follows:

1) Visually check lock and striker alignment. Obtain lateral adjustment by loosening lock attaching screws and moving lock as necessary. Obtain up or down adjustment by loosening pull-down unit attaching screws and moving unit up or down.

Pull Down Unit Cable

1) If cable has too much tension it will not allow the pull-down unit to return to its full up position and cock. This is apparent when, as the lid begins to lower, so does the pull-down unit.

2) Insufficient tension results in a lessening of pull-down effort in the unit and consequently a "high" rear deck lid. To increase cable tension, loosen cable adjusting brackets screw and adjust bracket downward.

NOTE - A lack of lubrication between toggle and detent lever will increase the effort required to trip pull-down unit. Keep point of contact between these two levers well lubricated.

COMPONENT REPLACEMENT

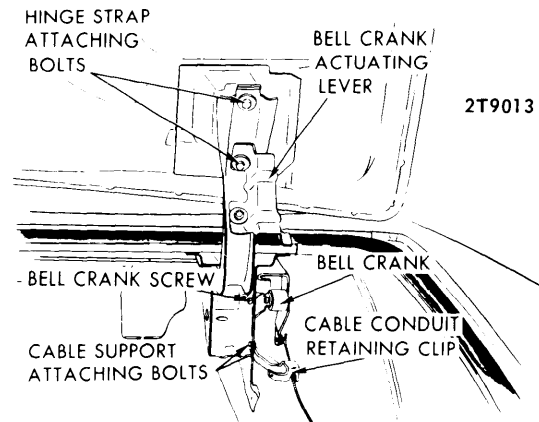
Pull-Down Unit & Release Assembly

- 1) With unit cover panel removed, depress striker slightly to relieve tension from cable. Disengage clip securing cable to pull-down control arm.
- 2) Disengage clip securing cable conduit to cable adjusting bracket. Remove cable and conduit from pull-down.
- 3) Scribe position of unit on rear end panel to facilitate installation. Remove pull-down unit attaching bolts and disconnect electrical feed wire, remove unit from body. To install, reverse removal procedure.

Hydraulic Cylinder Cables

Eldorado - Disengage cable and cable conduit retaining clips at both ends of cable and remove cable assemblies. To install, reverse removal procedure.

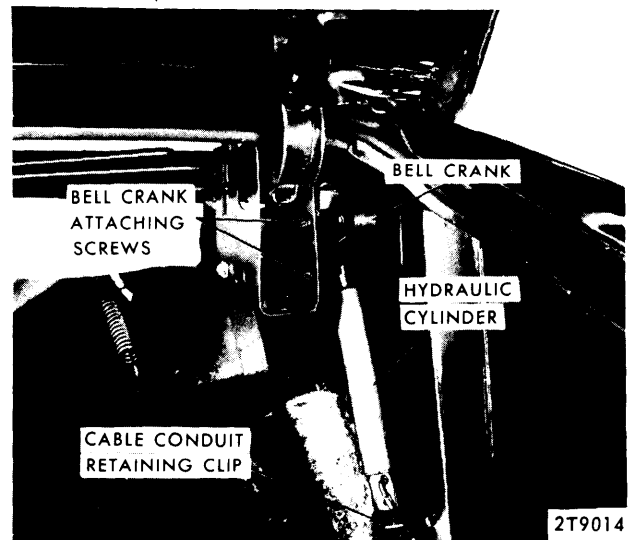
Fleetwood, Calais, De Ville - To disengage cable from bell crank, remove cable conduit support attaching bolts and rotate cable assembly to disengage eye on end of cable from bell crank. To install, reverse removal procedure.



HYDRAULIC CYLINDER CABLE ATTACHMENT

Hydraulic Cylinder

Eldorado - Disengage cable from lower end of hydraulic cylinder as previously described. Lift cylinder to disengage upper end from shoulder to shaft on linkage portion of hinge assembly, and remove cylinder. To install, reverse removal procedure.



HYDRAULIC CYLINDER ATTACHMENT (ELDORADO)

Fleetwood, Calais, De Ville - Disengage cable to hydraulic cylinder retaining clips at both ends of cylinder and remove cylinder. To install, reverse removal procedure.