

FORD MOTOR CO.

DESCRIPTION

Electric seat back release systems automatically release front seat back latches when either door is opened and locks latches when doors are closed. Both seat back latches also have a manual override release lever. When either door is opened, a door jam switch energizes a relay sending electric current to both seat back solenoids releasing seat latches. When both doors are closed, solenoids are de-energized and return springs return latches to lock positions.

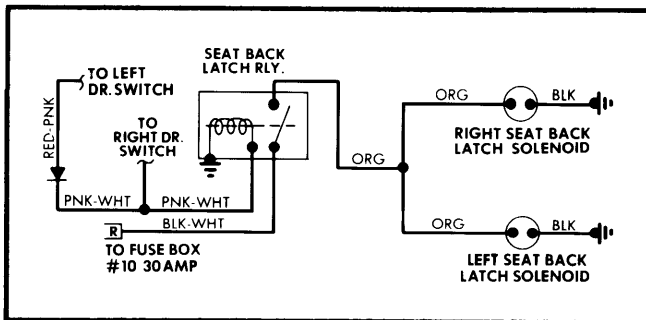


Fig. 1 Ford Motor Co. Seat Back Latch Wiring Diagram

TESTING

SOLENOID TESTING

All Models – Check for voltage at solenoid feed wire. If voltage is not present, check circuit wiring and components. With voltage to solenoid, check ground and test solenoid with a jumper wire. If it does not move quickly, replace solenoid.

RELAY TESTING

All Models – Disconnect relay noting wire colors. Connect battery power to the relay, positive to the Pink/White wire, and negative to the relay case. Connect a self-powered test light between other two relay terminals. If test light does not come on, replace relay.

REMOVAL & INSTALLATION

RELAY

NOTE – Relay is mounted in various locations according to car line as follows:

Lincoln Continental – Located under passenger seat on floor pan.

Lincoln Mark V – Located on brake pedal support bracket to right of fuse block.

Thunderbird – Located on brake pedal support, left side.

Cougar, LTD II – Located inside left side cowl panel.

Granada, Monarch – Located on right side of instrument panel.

Removal (All Models) – Disconnect battery negative post. Disengage the 3-way connector from the relay. Remove mounting screws and remove relay.

Installation – To install, reverse removal procedure. Make sure to engage connector to relay.

SOLENOID

Removal (Cougar, LTD II, Thunderbird & Mark V Without Reclining Seat Back) – Cut hog rings from carpet to gain access to solenoid. Remove 3 shield retaining screws and disconnect wires. Remove 2 solenoid retaining screws. Loosen 2 back pivot bracket assembly screws and slide solenoid from seat back latch handle stem.

NOTE – Procedure for removal of solenoid on Granada and Monarch, is similar.

Installation – To install, reverse removal procedure.

Removal (All Ford, Mercury & Lincoln Models) – Remove seat back trim cover far enough for solenoid access. Disconnect wires at connector plug. Remove clip that connects solenoid plunger to latch pawl and remove solenoid mounting nuts or screws. Remove solenoid from seat assembly and at same time, disengage plunger rod from latch pawl.

Installation – To install, reverse removal procedure.

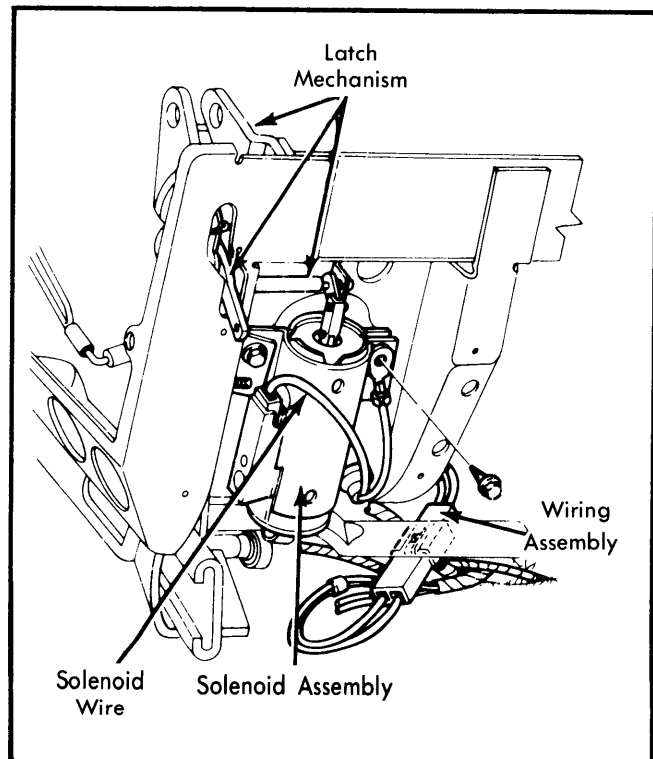


Fig. 2 Ford Motor Co. Seat Back Latch Assembly (Thunderbird, Cougar, LTD II & Mark V Shown – All Others Similar)