1971-74 ALL MODELS

DESCRIPTION & OPERATION

Optional equipment on two door models. Electric seat back release system automatically releases the front seat backs when either front door is opened, and automatically locks the seat backs when both doors are closed. Seats can also be operated manually. In front door hinge pillar there is a switch that closes when door is opened. Closing of switch powers a relay which energizes solenoids on each seat back. Solenoids operate a pawl which releases latch.

REMOVAL AND INSTALLATION

SOLENOID

Chrysler Corp. – Disconnect battery and remove manual override lever knob and bezel from seat back. Disconnect solenoid wires, remove trim kick pad and seat back from seat cushion. Remove bezel support and cover trim material from work area of seat back. Disconnect latch link rod and remove solenoid. To install, reverse removal procedure.

Torino, Montego
Thunderbird, Mark IV – Cut hog rings from carpet to gain access to solenoid. Remove three shield retaining screws and disconnect wires. Remove two solenoid assembly retaining screws. Loosen the two back pivot bracket assembly screws and slide the solenoid assembly from the seat back latch handle stem.

Cougar, Mustang, Ford
Mercury, Meteor, Lincoln – Remove seat back trim cover far enough for access. Disconnect wires at connector plug. Remove clip that connects solenoid plunger to latch pawl, and remove solenoid mounting nuts or screws. Remove the solenoid from the seat assembly, and at the same time disengage plunger from latch pawl.

General Motors Models – On G.M. products it is necessary to remove lock and solenoid as an assembly. Remove front seat back panel and seat back trim. Remove front seat back assembly from seat. Remove front seat back outer side panel and side panel lower support, where present. Remove manual override handle and escutcheon. Remove hog rings securing seat back front and rear trim facings and foam facing and foam facing along bottom of seat back. Turn up trim and pull out foam pad to gain access to lock attaching bolts. Disconnect feed connector from lock solenoid. Remove seat back lock attaching bolts and remove lock assembly from seat back with solenoid. To install, reverse removal procedure.

RELAY

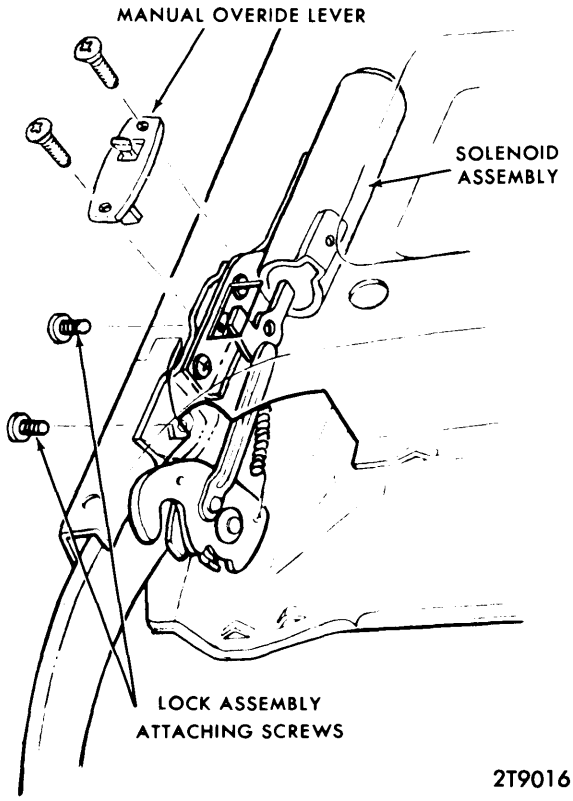
NOTE – The relay is mounted in various locations according to the car line and year as follows:

Chevelle, LeMans, Cutlass & Skylark (1971-72) – Located on floor pan below drivers seat.

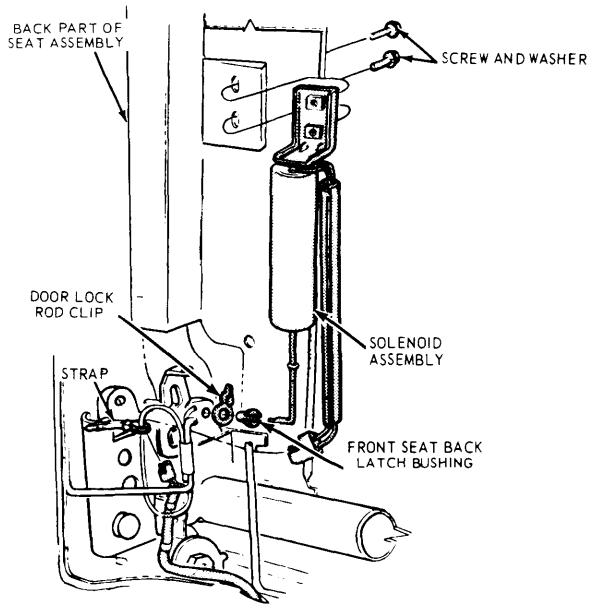
Thunderbird, Mark IV – Located on brake pedal support bracket to right of fuse panel.
Lincoln Continental – Located on brake pedal support bracket.
Ford, Mercury, Meteor – Located on front of floor near No. 1 crossmember.
Mustang, Cougar – Located above glove box door opening.
Torino, Montego – Located on brake pedal support bracket.

Removal – Disconnect battery, disconnect wires from relay, (be sure to note color and terminals). Remove mounting screws and relay. Continental has a pigtail off the relay and an in-line connector.

All Other Models (1971-73) – Located on right shroud side panel.



TYPICAL G.M. SEAT BACK LATCH ASSEMBLY



LINCOLN SEAT BACK LATCH ASSEMBLY

Electric Seat Back Latches

1971-74 ALL MODELS (Cont.)

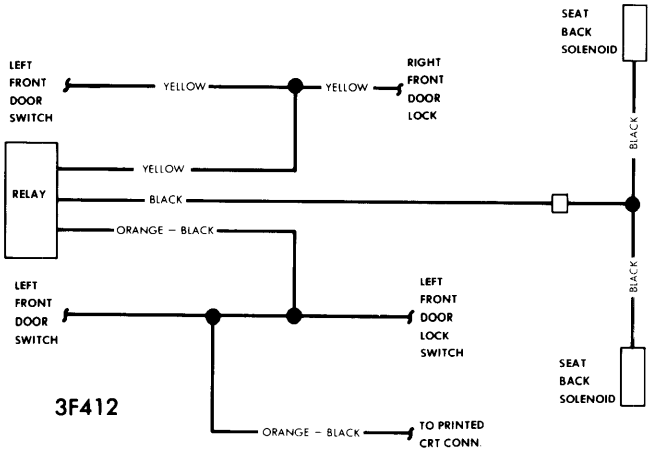
TESTING

SOLENOID

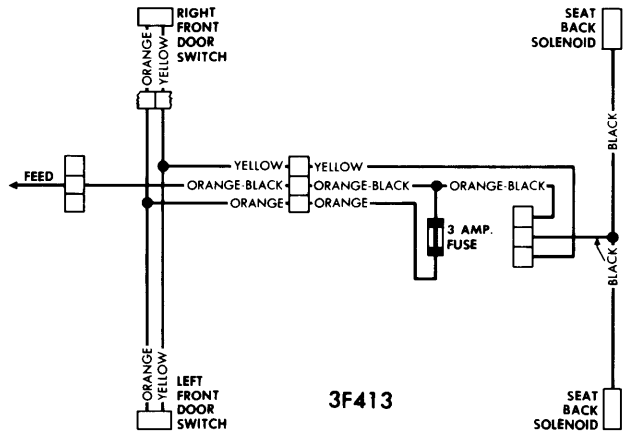
Ford & G.M. – Remove solenoid and connect wire lead plug to battery power and ground to frame of solenoid to negative side of battery. If solenoid plunger does not move, replace solenoid.

RELAY

Ford – Disconnect relay noting wire colors. Connect battery power to the relay, positive post to the pink-white wire, negative post to relay case. Connect a self powered test lamp between the other two relay terminals. If test lamp does not light replace relay.

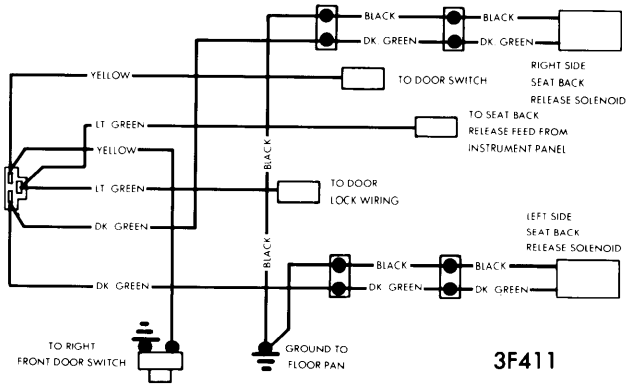


1971-73 GENERAL MOTORS "B,C,E" STYLES
1973 "A" STYLE WIRING

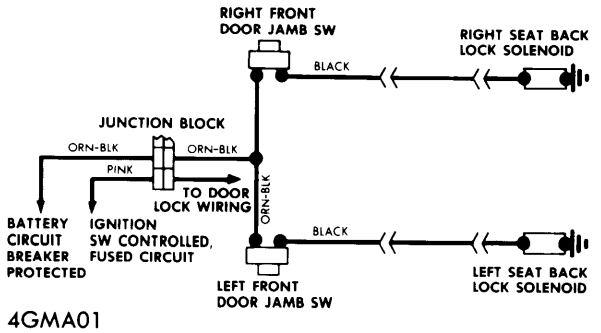


1971-72 GENERAL MOTORS "A" STYLE WIRING

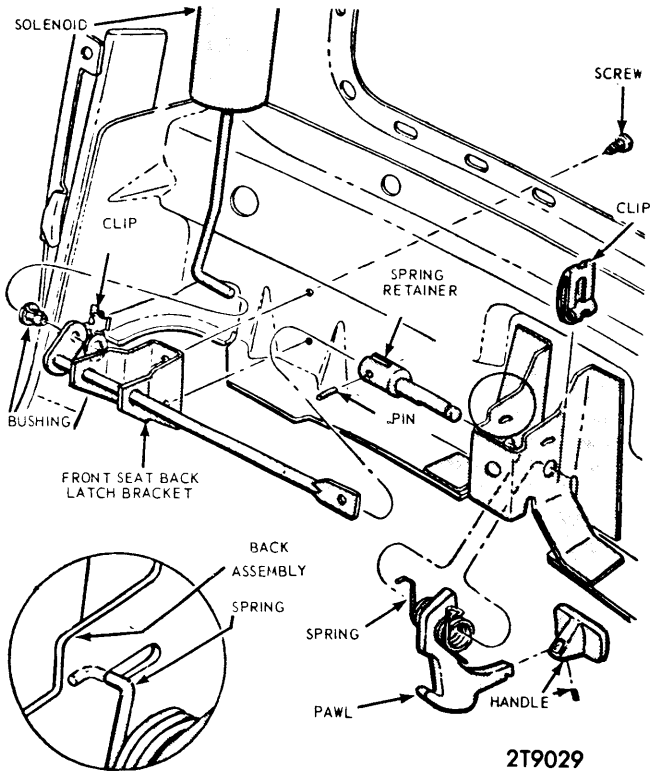
General Motors – Check output current at single connector, black wire, if test lamp lights relay is operative. If relay contacts stick, current will be present at relay output, black wire to solenoid, and input, orange/black wire. No current will be present at the coil input, yellow wire. Replace relay under these circumstances. Check relay coil at yellow wire in relay connector. If lamp lights and relay is properly grounded replace relay.



1971-73 CHRYSLER CORP. SEAT BACK LATCH WIRING



1974 GENERAL MOTORS



FORD SEAT BACK LATCH ASSEMBLY

1971-74 ALL MODELS (Cont.)

TROUBLE SHOOTING

CHRYSLER CORP. MODELS

One Seat Will Not Release – Under side of inoperative seat, disconnect body-to-seat connector, dark green and black wires. With a door open, check for voltage between dark green wire and black ground wire in body connector. With no voltage, trace dark green wire. With low voltage, check for a poor ground connection. If voltage is okay, the problem is inside seat back. Check wiring circuit and test solenoid.

Both Seat Backs Will Not Release – 1) Remove seat back release relay connector located on right side cowl. With a jumper wire, short between light green battery feed wire and dark green solenoid feed wire. If seat backs release, reconnect relay connector and check for voltage between light green wire and yellow wire at under seat connector. With no voltage at yellow wire, trace wire for an open circuit. With voltage at yellow wire, check seat back release relay for operation. If seats still do not release, continue to step **2)**.

2) Check voltage, at under seat connector, between light green wire and a good ground. If no voltage, check for voltage at circuit breaker, test circuit breaker and light green wire leading from breaker.

GENERAL MOTORS MODELS

Circuit Breaker – 1) Check feed wire continuity at circuit breaker. Connect test light to input side of circuit breaker and good ground. If tester does not light, check for an open or short circuit in feed wire.

2) Check circuit breaker by connecting test light lead to output side of breaker and ground other lead. If tester does not light, circuit breaker is inoperative.

Jamb Switch – Remove switch and connect test light to orange wire connection. With no voltage at orange wire check for an open circuit in wire. If voltage is present connect a jumper wire (14 gauge wire) between orange wire and yellow wire, if seat latches release, replace jamb switch.