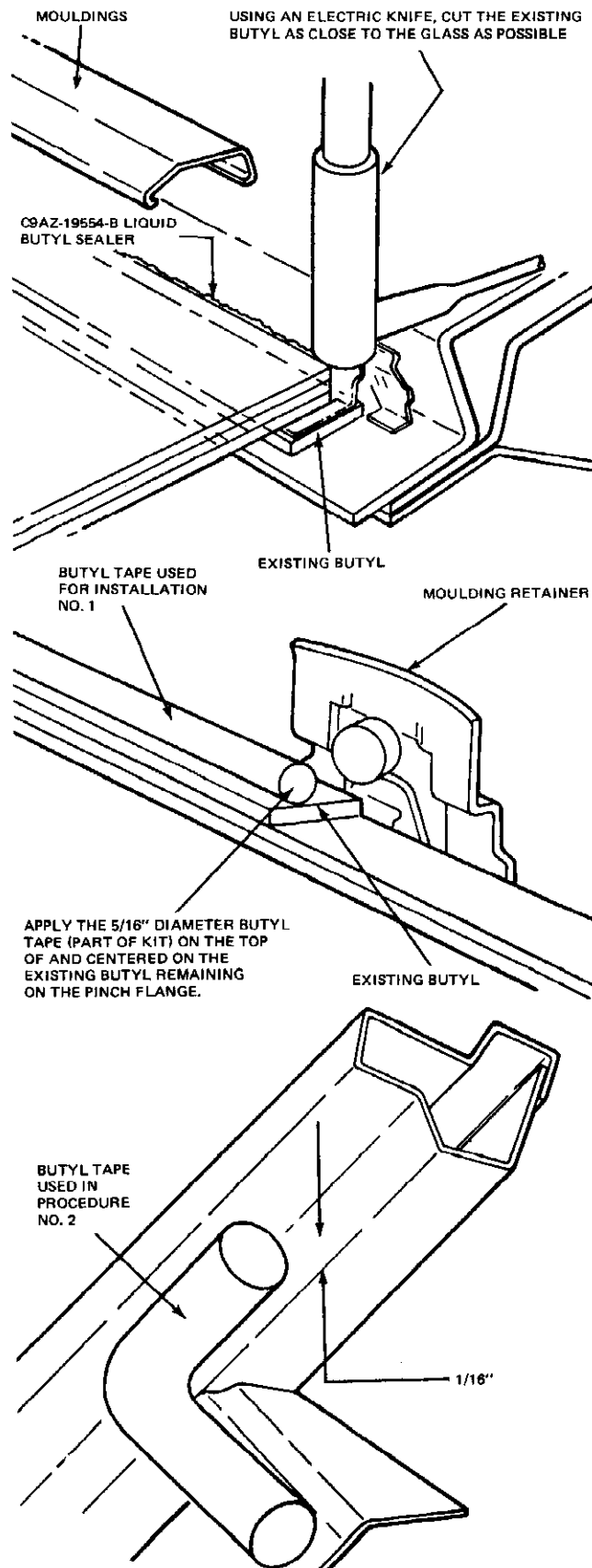




N4136-1A

FIG. 19 Butyl Type Seal Installation

DOORS, HOOD, LUGGAGE COMPARTMENT DOOR AND TAILGATE

GROUP
44

PART TITLE	PART NO.	PART TITLE	PART NO.
Door, Hinge, Weatherstrip, Latch and Lock	44-06	Power Door Locks	44-16
Door, Hood, Luggage Compartment Door and Tailgate — General Service	44-01	Tailgate, Hinge, Latch and Lock — Dual Action Gate	44-76
Hood, Hinge and Latch	44-21	Tailgate, Hinge, Latch and Lock — Single Action Gate	44-61
Luggage Compartment Door, Hinge, Latch, Lock and Weatherstrip	44-41		

CR2005-2B

General Service

PART
44-01

GENERAL INFORMATION

DOOR AND ROOFRAIL WEATHERSTRIP LUBRICANT

Silicone Lubricant COAZ-19553-A (Jelly) and
COAZ-19533-C (Spray) (or Equivalent)

This lubricant is to be used on the door and window weatherstrips. It is recommended that silicon lubricant be applied to the weatherstrips at every regular lubrication period and/or, whenever necessary. Its use makes the doors easier to close, avoids weatherstrip squeaks, retards excess weatherstrip wear from chafing between the door glass upper frame and the weatherstrip. Also, it helps to retain door window alignment by reducing friction between the glass frame and the rubber weatherstrip.

DOOR, HOOD, LUGGAGE COMPARTMENT LATCHES AND TAILGATE HINGES- LUBRICANT

Polyethylene Grease C4AZ-19584-B (or Equivalent)

The lubricant is used to lubricate door hood, luggage compartment, and tailgate hinges and latches. Apply an even coat to all movable hinge surfaces when a binding condition occurs. The hood latch and auxiliary latch should be checked every six months.

CYLINDER LOCK LUBRICANT

Lock Lubricant B4A19587-A (or Equivalent)

This lubricant is used to eliminate sticking or binding of all key lock cylinders.

Door, Hinge, Weatherstrip, Latch and Lock

**PART
44-06**

SUBJECT	PAGE	SUBJECT	PAGE
ADJUSTMENTS		REMOVAL AND INSTALLATION (Cont'd.)	
Door Alignment	06-1	Door Outside Handle	06-14
Door Latch Striker	06-2	Doors	06-3
REMOVAL AND INSTALLATION		Front and Rear Door Weatherstrip	06-2
Door Hinge	06-3	Front Door Latch	06-3
Door Latch Remote Control —		Rear Door Latch	06-10
Front or Rear	06-7	Rear Door Latch Bellcrank	06-11
Door Lock Cylinder	06-11	Roof Side Rail and Door Weatherstrips	06-2

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ADJUSTMENTS

DOOR ALIGNMENT

The door hinges provide sufficient adjustment to correct most door misalignment conditions. The holes of the hinge and/or the hinge attaching points are enlarged or elongated to provide for hinge and door alignment (Figs. 1 and 2).

The lubrication points on the door hinges are shown in Figs. 1 and 2. **Do not cover up a poor door alignment with a latch striker adjustment.**

SIDE DOORS

1. See Figs. 1 and 2, to determine which hinge bolts must be loosened to move the door in the desired direction.
2. Loosen the hinge bolts just enough to permit movement of the door with a padded pry bar.
3. Move the door the distance estimated to be necessary. Tighten the hinge bolts and check the

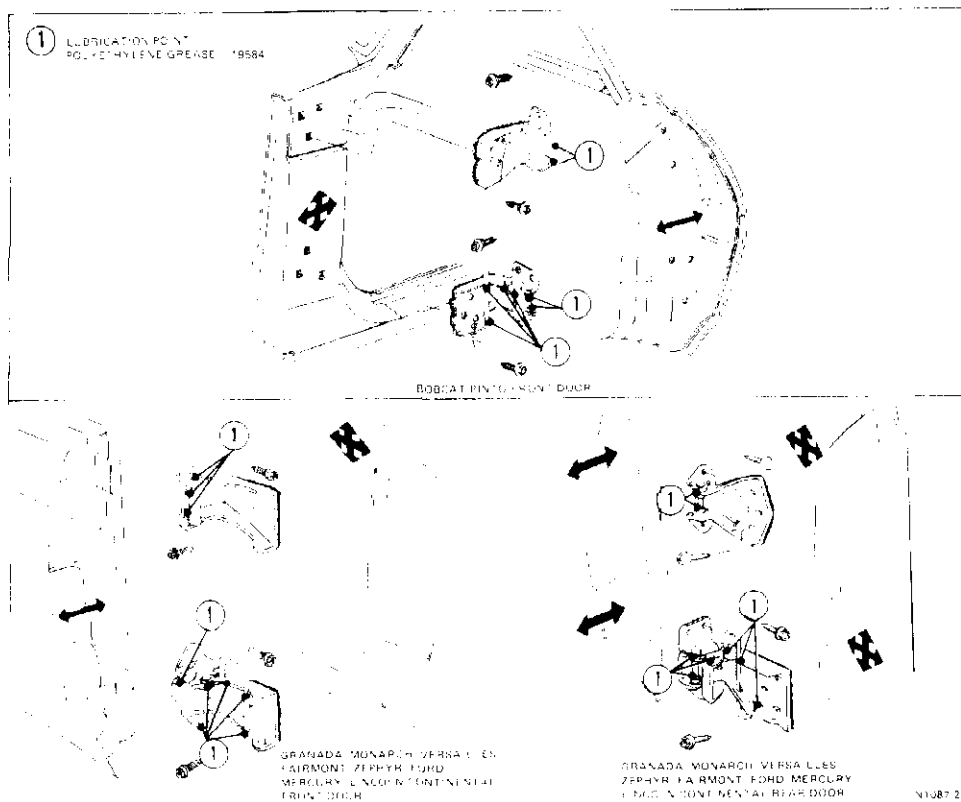
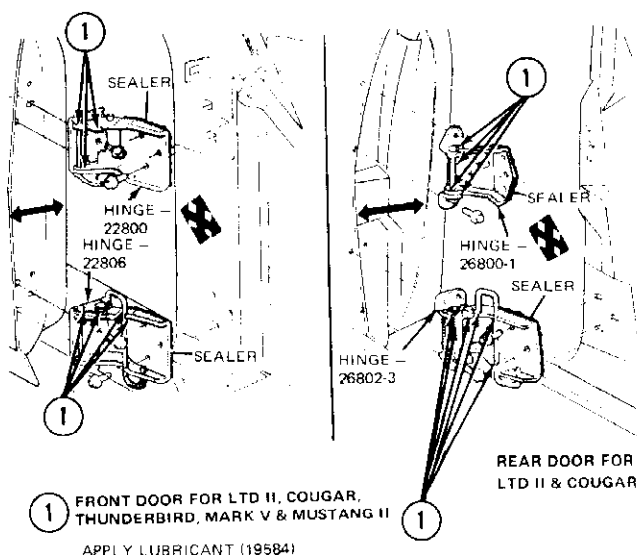


FIG. 1 Side Door Hinge Adjustments—All Models Except LTD II, Cougar, Thunderbird, Continental Mark V and Mustang II

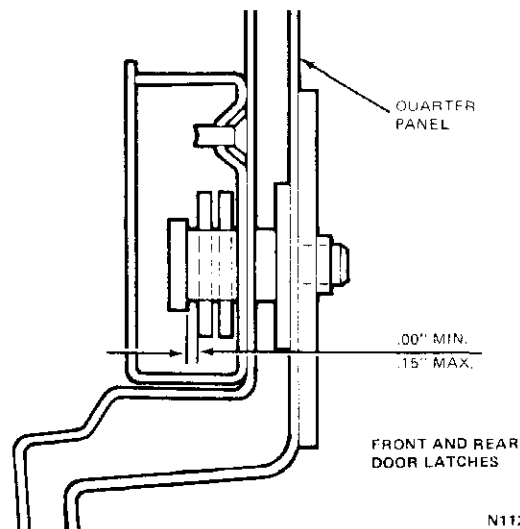


N2206-1F

FIG. 2 Side Door Hinge Adjustments—LTD II, Cougar, Thunderbird and Continental Mark V

door fit, to be sure there is no bind or interference with the adjacent panel.

4. Repeat the operation until the desired fit is obtained, and check the striker plate alignment for proper door closing.



N1126-1D

FIG. 3 Door Latch Striker Adjustment—Fairmont and Zephyr Shown

5. On all hardtop models, the door and quarter glass must be checked to assure proper alignment to the roof rail and vertical weatherstrips. See Group 42.

DOOR LATCH STRIKER

The striker pin can be adjusted laterally and vertically as well as fore and aft. The latch striker should not be adjusted to correct door sag.

The latch striker should be shimmed to get the clearance shown in Fig. 3 between the striker and the latch. To check this clearance, clean the latch jaws and the striker area. Apply a thin layer of dark grease to the striker. As the door is closed and opened, a measureable pattern will result on the latch striker.

Move the striker assembly in or out to provide a flush fit at the door and pillar or quarter panel. Use Tool T70P-2100-A to loosen and tighten the latch striker.

REMOVAL AND INSTALLATION

ROOF SIDE RAIL AND DOOR WEATHERSTRIPS

The roof side rail and door weatherstrip installations are shown in Figs. 6 through 15. Apply adhesive (Part Number 19552) or equivalent, where required to retain the weatherstrip to the door or retainer.

FRONT AND REAR DOOR WEATHERSTRIP

ALL MODELS EXCEPT PINTO, BOBCAT AND LINCOLN CONTINENTAL

Removal

1. Remove the door weatherstrip front and rear molded details attaching screws (Fig. 4).
2. Pry the door trim panel up and pull the molded belt detail flap out from under the door trim panel, tearing it away from the retaining pin. Do this at both the front and rear sections and remove the weatherstrip from the door.

Installation

1. Prior to installation of the replacement weatherstrip, remove the retaining pins from the molded detail flaps of the new weatherstrip assembly (Fig. 5).
2. Slide the "flap" of both front and rear molded belt details of the new weatherstrip assembly under the door trim panel. Proceed to complete weatherstrip installation, using adhesive where required (Part No. 19552) (or equivalent). Fully insert all weatherstrip retaining pins.

PINTO AND BOBCAT

Removal

1. Pull weatherstrip away from door panel by breaking loose from adhesive.
2. Clean off all the old adhesive.

Installation

1. Apply adhesive to door panel.

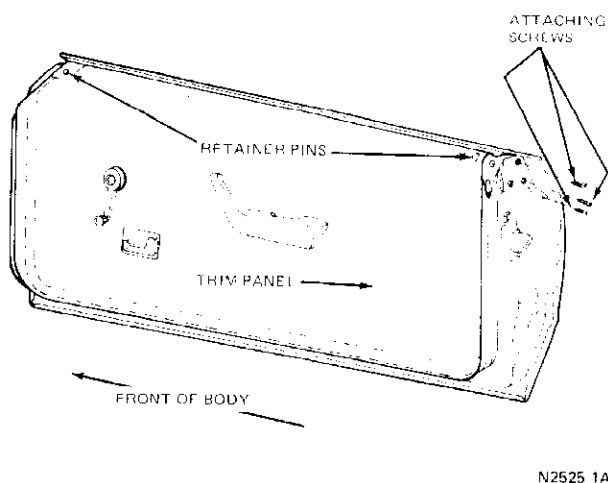


FIG. 4 Removing Door Weatherstrip—Trim Panel in Place (Typical)

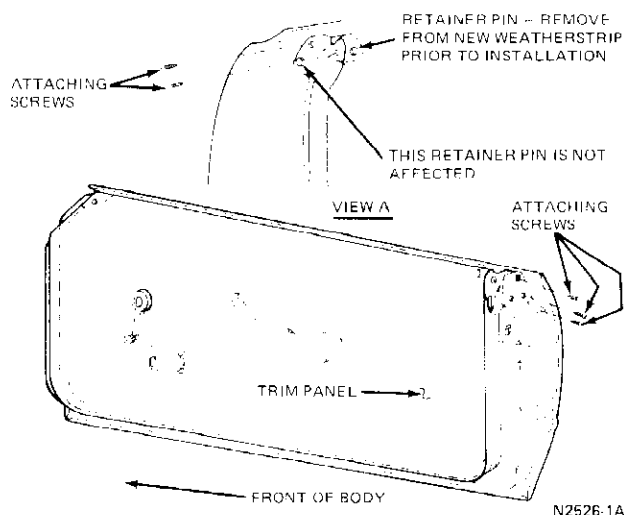


FIG. 5 Installing Door Weatherstrip—Trim Panel in Place (Typical)

2. Position new weatherstrip and press against door until secure. Fully insert all weatherstrip retaining pins.

LINCOLN CONTINENTAL

Removal

1. Remove the retaining screws (8 front-door, 7 rear-door) and remove the weatherstrip.

Installation

1. Position the weatherstrip to the door flange.
2. Install the retaining screws.

DOORS

Removal

1. Remove the trim panel, the watershield, and all usable outside mouldings and clips (if the door is to be replaced).

2. Remove the wiring harness, actuator and radio speaker from the door (if so equipped).
3. Remove all usable window and door latch components from the door (if the door is to be replaced).
4. Support the door.
5. Remove the hinge attaching bolts from the door and remove the door.
6. Remove the weatherstrip from the door.

Installation

1. Drill holes as necessary for attaching the outside moulding. Install the door weatherstrips in proper position.
2. Position the door to the hinges and partially tighten the bolts. Then, align the door and tighten the bolts securely.
3. Install the wiring harness, actuator and radio speaker in the door, if so equipped.
4. Install the latch mechanism, the window mechanism, glass, and the glass weatherstripping. Adjust the window mechanism as outlined in Group 42 and striker adjustment in this Section.
5. Install the exterior trim, garnish mouldings, watershield, and interior trim.

DOOR HINGE

ALL MODELS

1. Support the door.
2. Mark the location of the hinge on the door and body.
3. Remove the hinge-to-body attaching bolts.
4. Remove the hinge-to-door attaching bolts and remove the hinge.
5. Position the hinge to the door and body, and install the attaching bolts.
6. Adjust the door and hinges and remove the support.

FRONT DOOR LATCH

Removal

1. Remove the trim panel and watershield from the door.
2. Ford, Mercury (4-door sedan and wagon) and Fairmont, Zephyr, Pinto and Bobcat; mark the location of the rear run lower retaining bolt. Then, remove the bolt.
3. Check all rod connections against the appropriate illustration (Figs. 16 thru 24). Correct any misconnected or loose connections and check operation before replacing parts.
4. Disconnect the rods from the latch. The remote link and the latch to lock cylinder rod cannot be removed because of the rod's end configuration.
5. Remove the lock cylinder rod from the lock cylinder lever.
6. Remove the remote control as outlined in the next section.
7. Remove the latch assembly attaching screws; disconnect the door indicator switch wire (if so equipped) and remove the latch from the door.

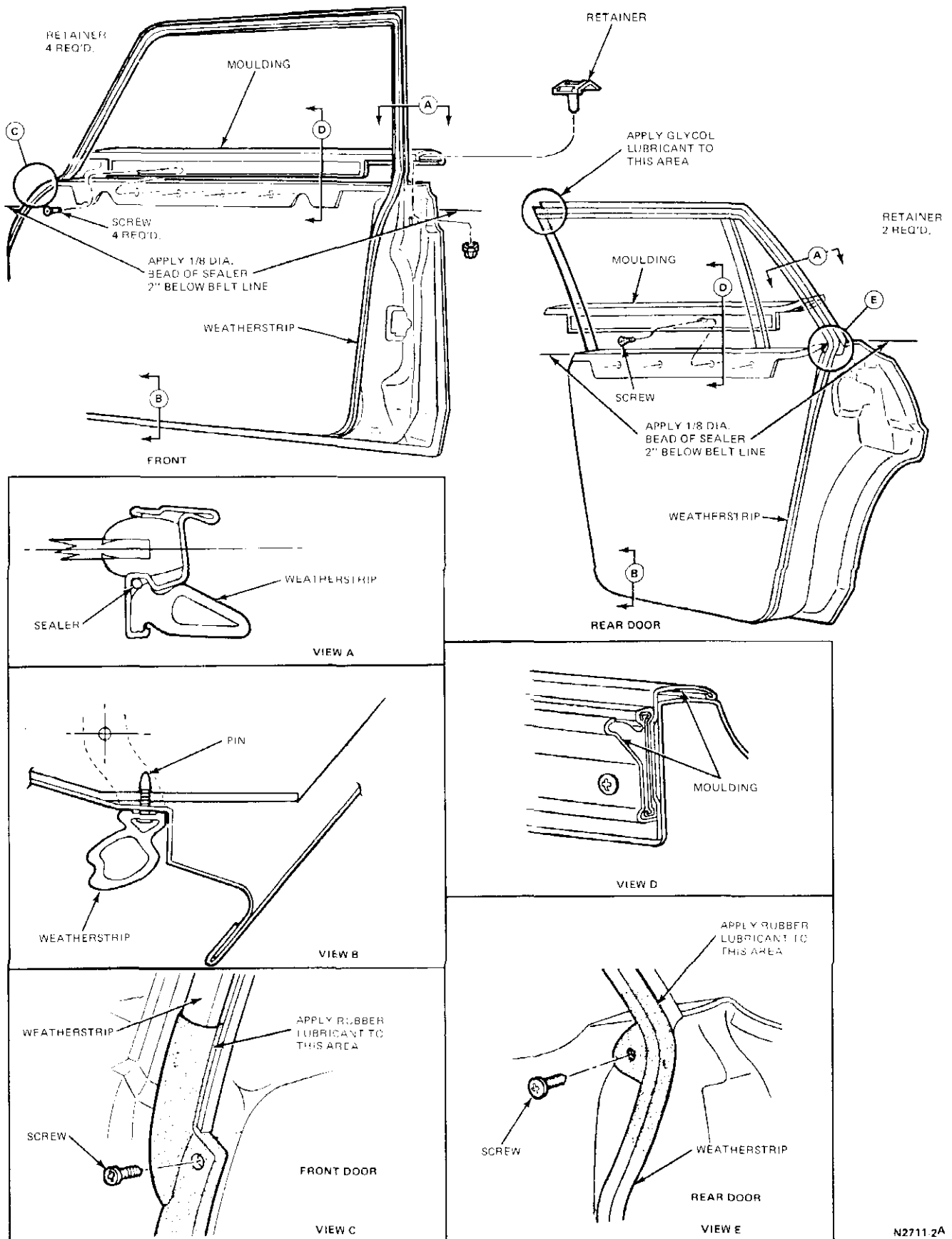


FIG. 6 Retainer and Weatherstrip Installation—Granada and Monarch—4-Door Shown—2-Door Similar

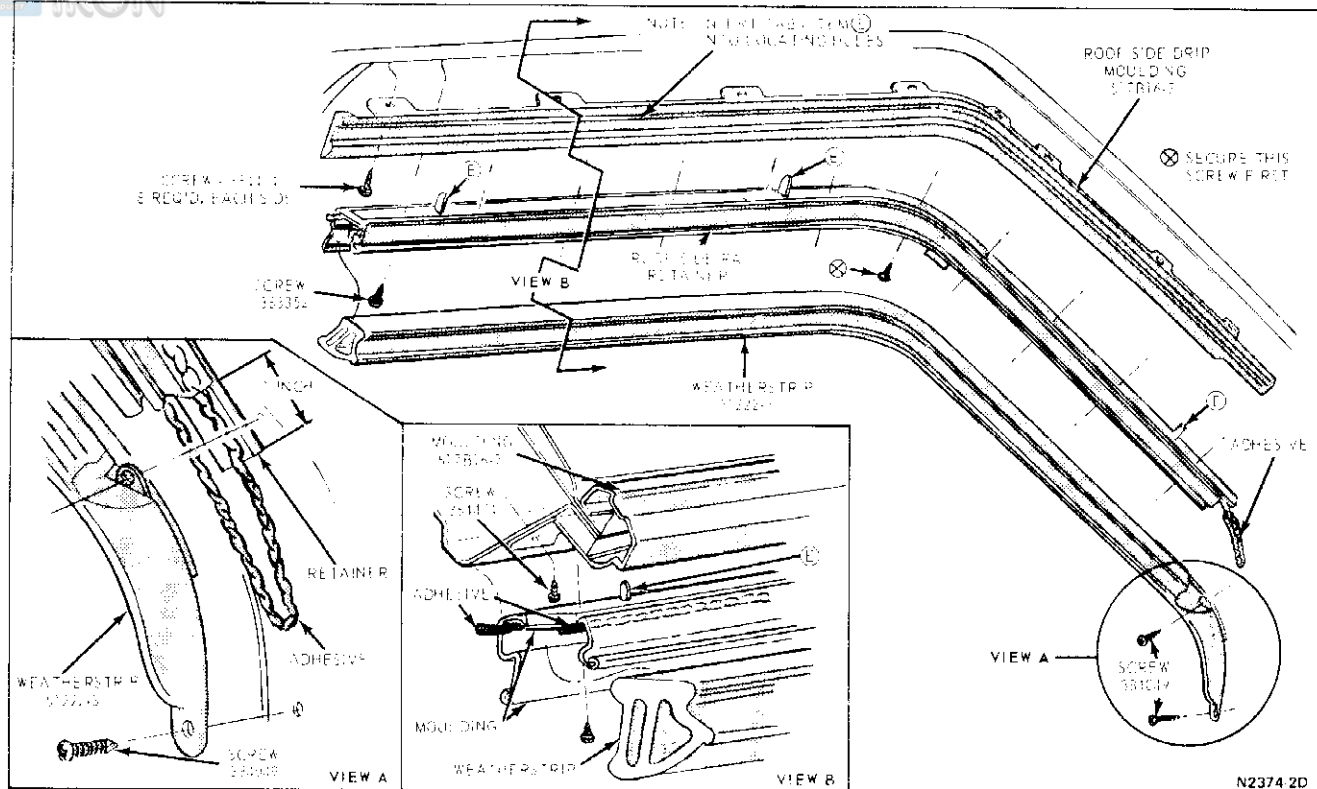


FIG. 7 Roof Rail Weatherstrip Installation—Continental Mark V

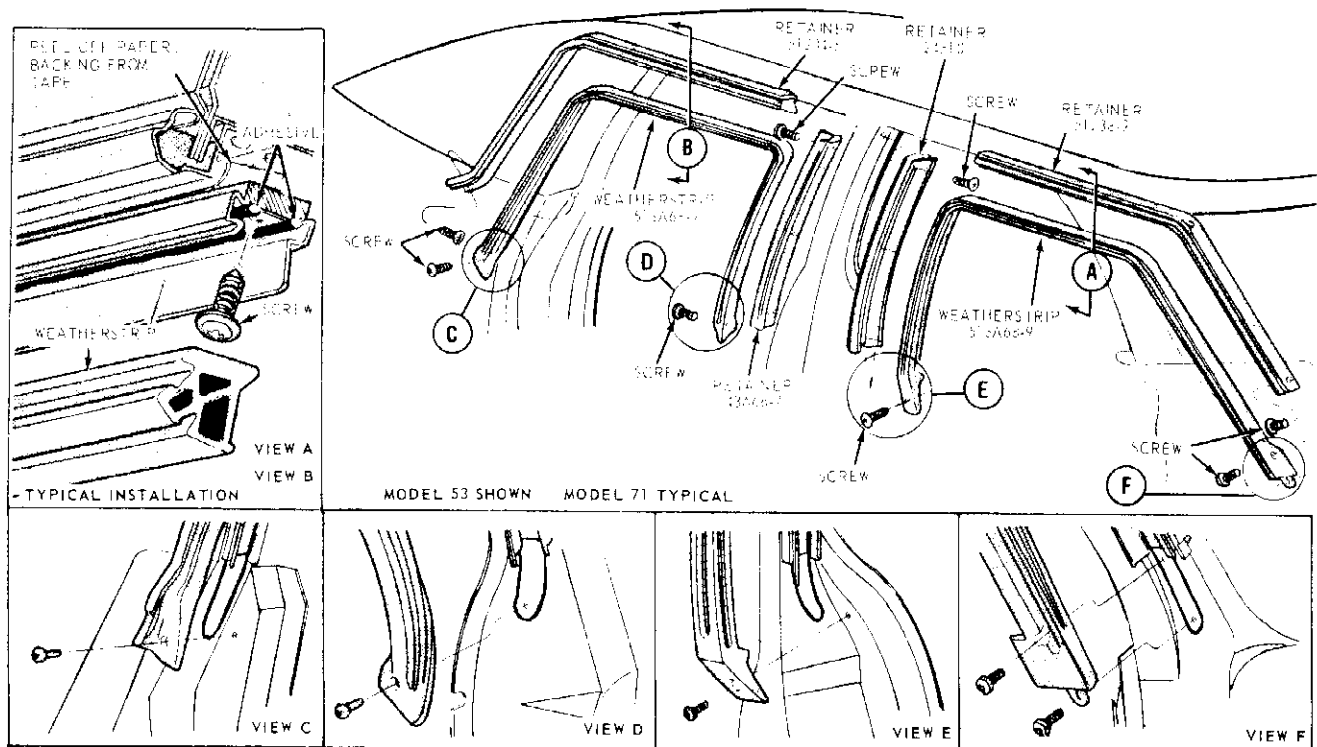


FIG. 8 Retainer and Weatherstrip Installation—LTD II and Cougar 4 Door

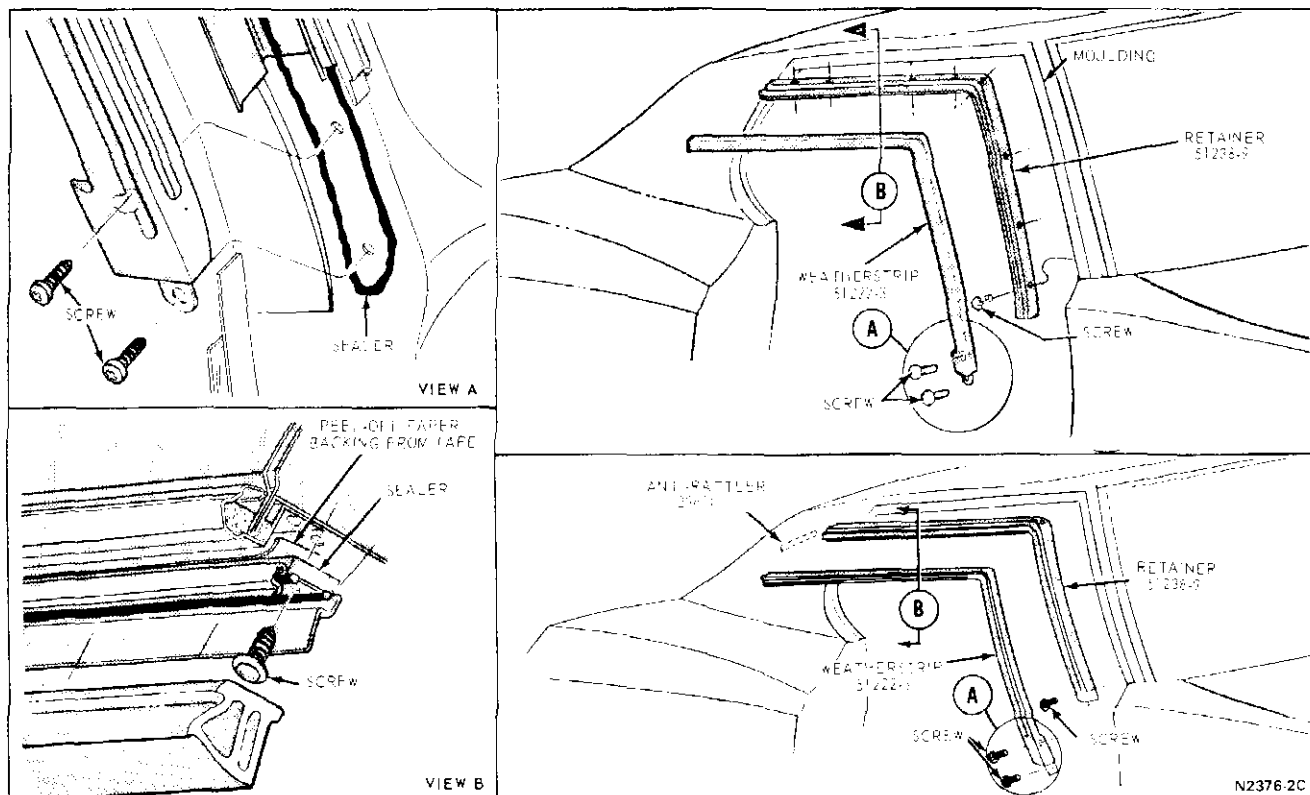


FIG. 9 Roof Rail Weatherstrip Installation—LTD II, Cougar and Thunderbird—Two Door

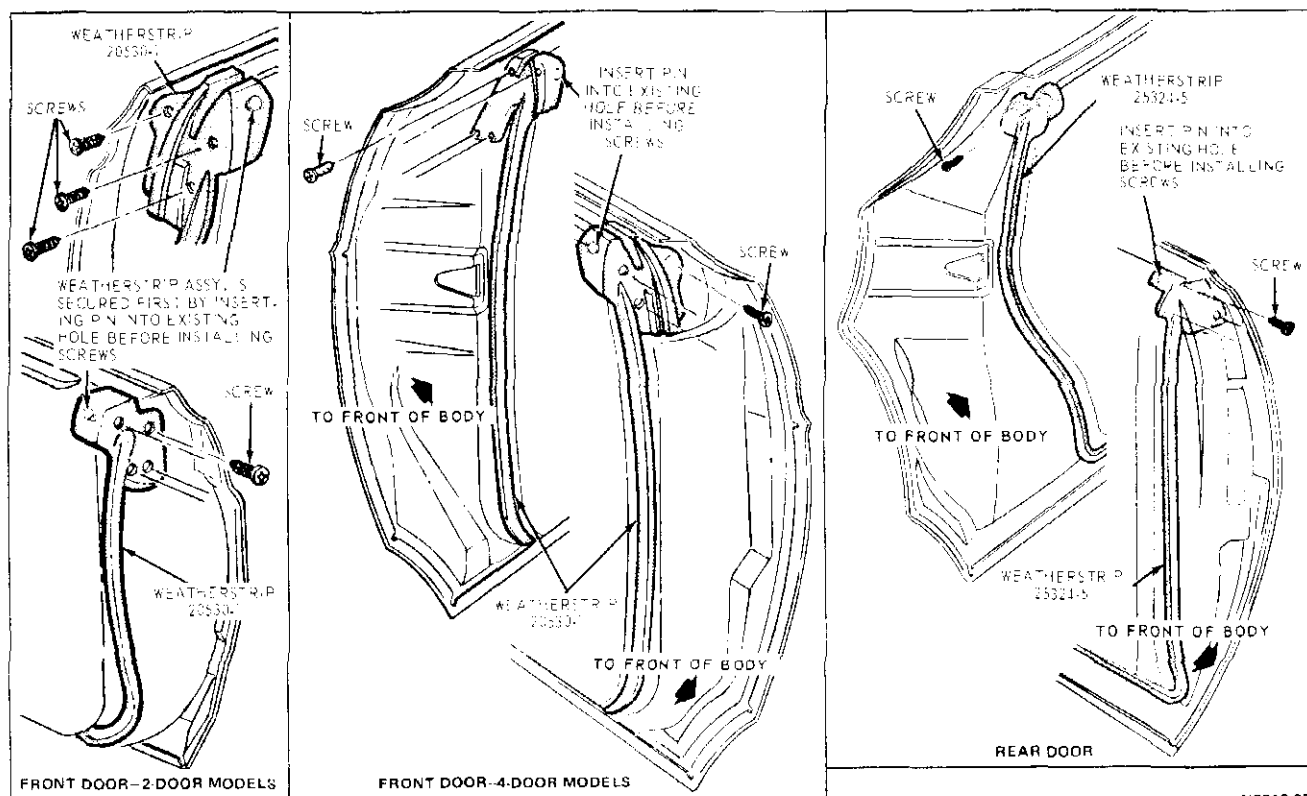


FIG. 10 Front and Rear Door Weatherstrips—LTD II, Thunderbird and Cougar

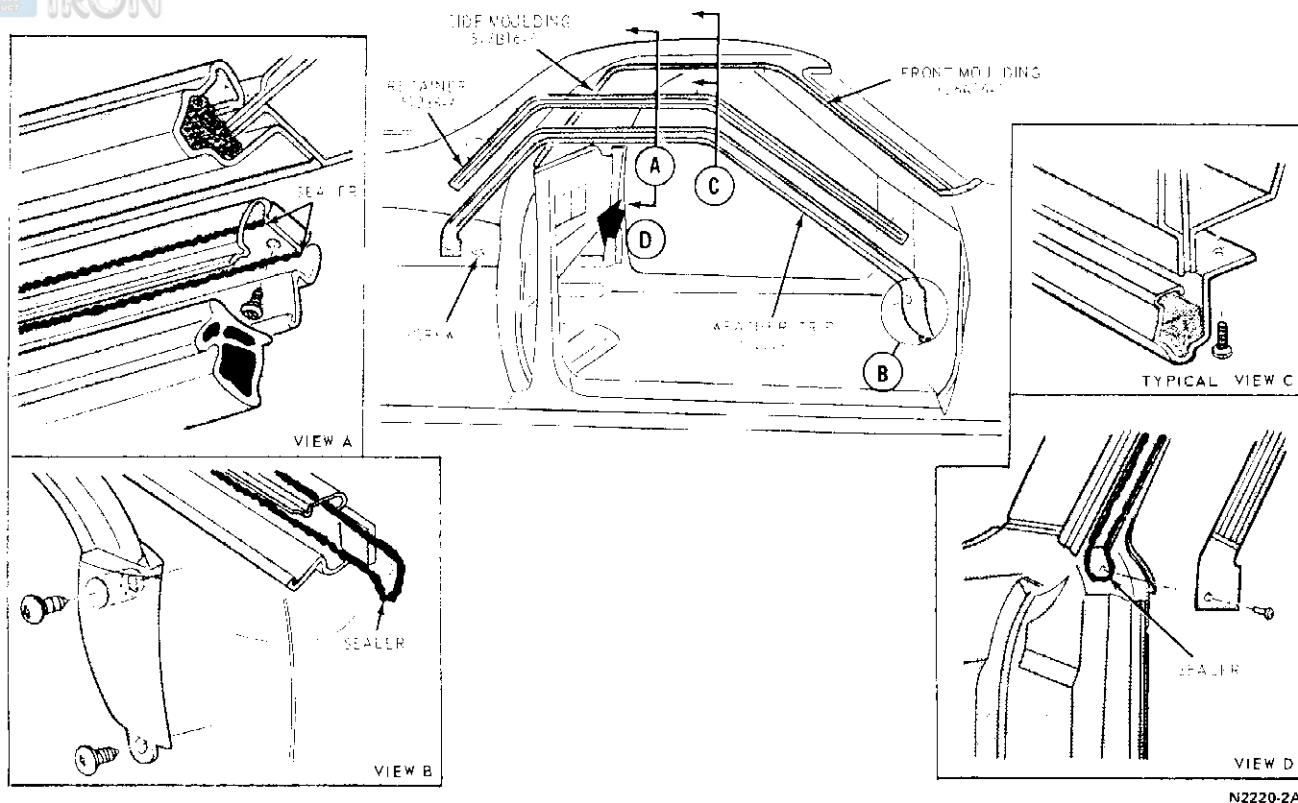


FIG. 11 Roof Side Rail Weatherstrip Installation—Ranchero

8. Remove the remote link, the latch to lock cylinder rods, and the door indicator switch from the latch where applicable.

Installation

1. Position the door indicator switch to the latch and install the attaching screw. Adjust the switch.
2. Install new rod retaining clips and grommets in the new latch assembly, using the removed latch as a guide.
3. Install the remote link and the latch to lock cylinder rod.
4. Position the latch in the door and connect the wire to the door indicator switch. Then, install the latch attaching screws.
5. Reinstall the door latch remote control as outlined in the next section.
6. Connect the latch to lock cylinder rod to the lock cylinder lever.
7. Connect the rods to the latch that were disconnected for removal and check the latch operation.
8. Install the rear run lower attaching bolt (if removed). Locate the bolt in the original position and tighten the bolt.
9. Install the watershield and trim panel on the door.

DOOR LATCH REMOTE CONTROL—FRONT OR REAR

ALL MODELS EXCEPT MUSTANG II, PINTO AND BOBCAT

Removal

1. Remove the door trim panel and watershield.
2. Remove the attaching screw or poprivets (see appropriate Figs. 16 thru 23) and disengage the attaching tab.
3. Rotate the remote control clockwise on the right-hand door and counterclockwise on the left-hand door, while moving it forward to disconnect the remote control from the remote control rod and the door.

Installation

1. Install a new rod end bushing to the remote control if the remote control is to be replaced.
2. Position the remote control to the door inner panel with the remote control rod started into the remote control bushing. Rotate the remote control a quarter turn onto the remote rod (counterclockwise on the right-hand and clockwise on the left-hand door).
3. Engage the tab on the remote control into the slot on the inner panel and install the attaching screw or poprivets.

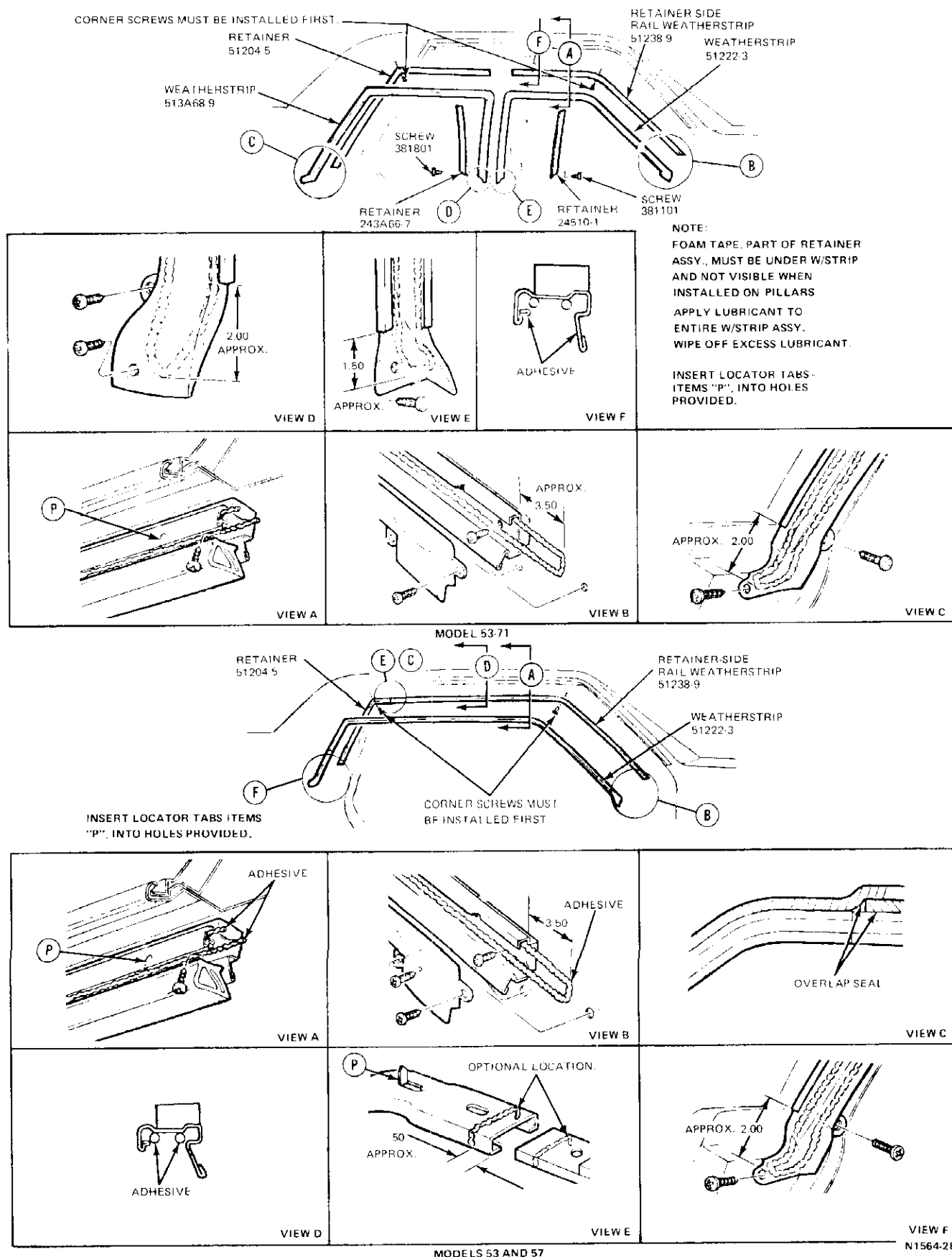
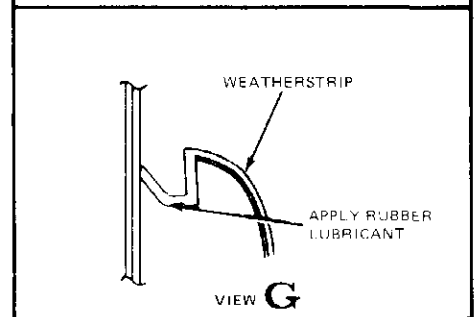
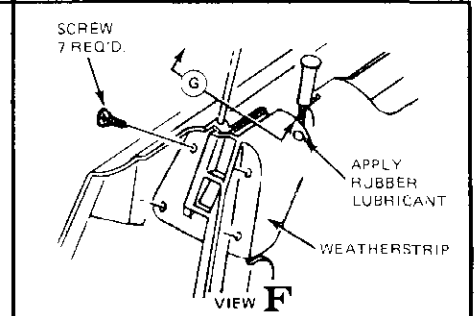
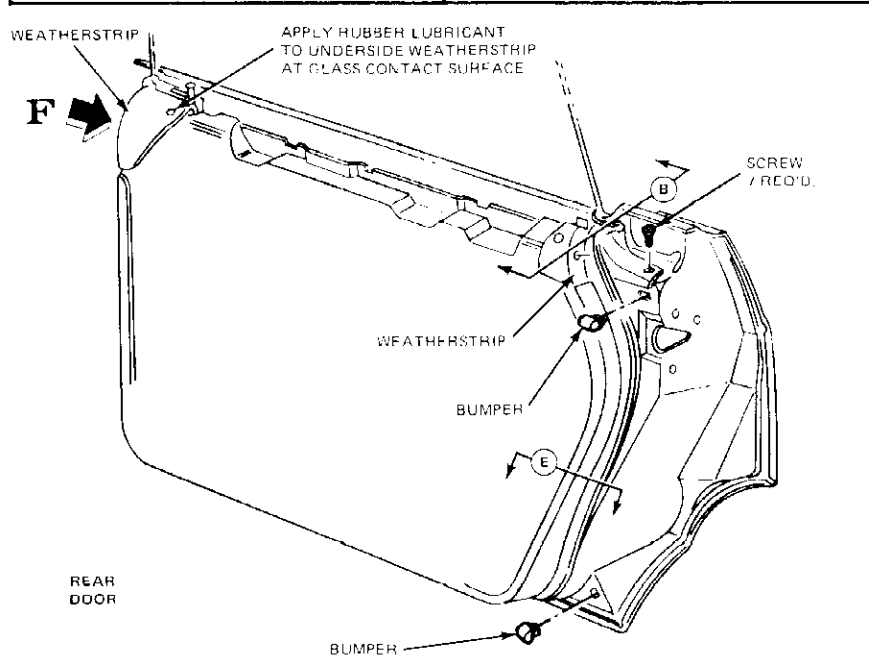
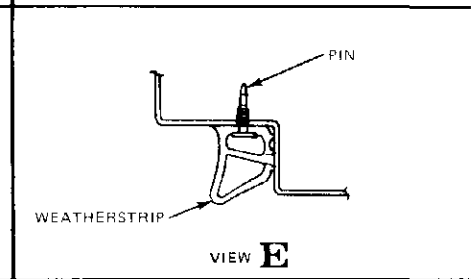
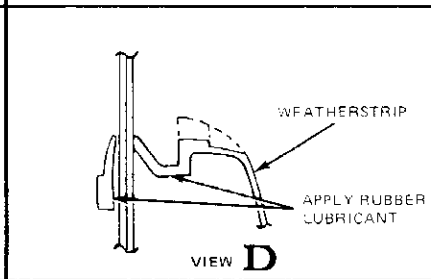
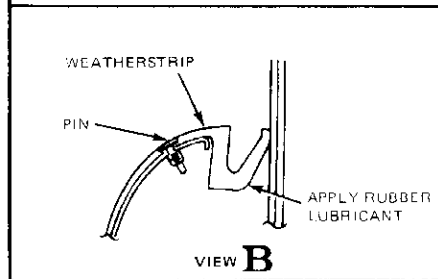
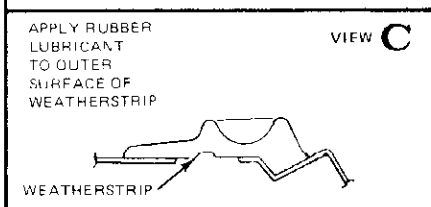
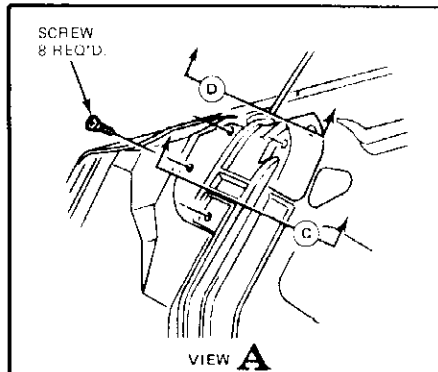
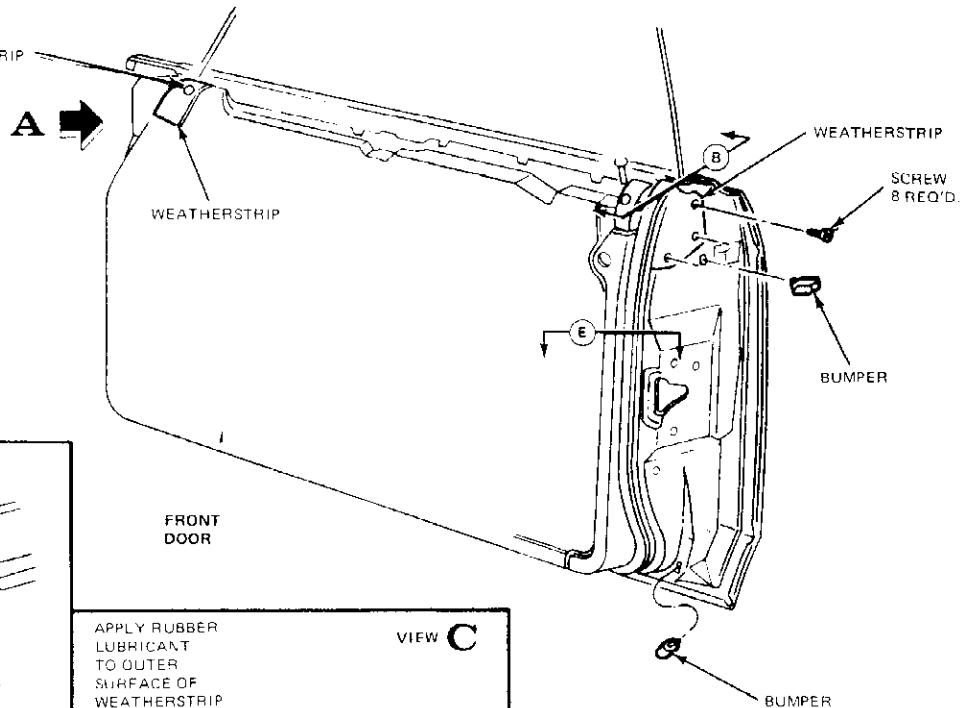


FIG. 12 Roof Rail Weatherstrip Installation—Ford and Mercury



APPLY RUBBER LUBRICANT
TO UNDERSIDE OF WEATHERSTRIP
AT GLASS CONTACT SURFACE



N2712-2A

FIG. 13 Door Weatherstrip Installation—Lincoln Continental-4-Door Shown, 2-Door Similar

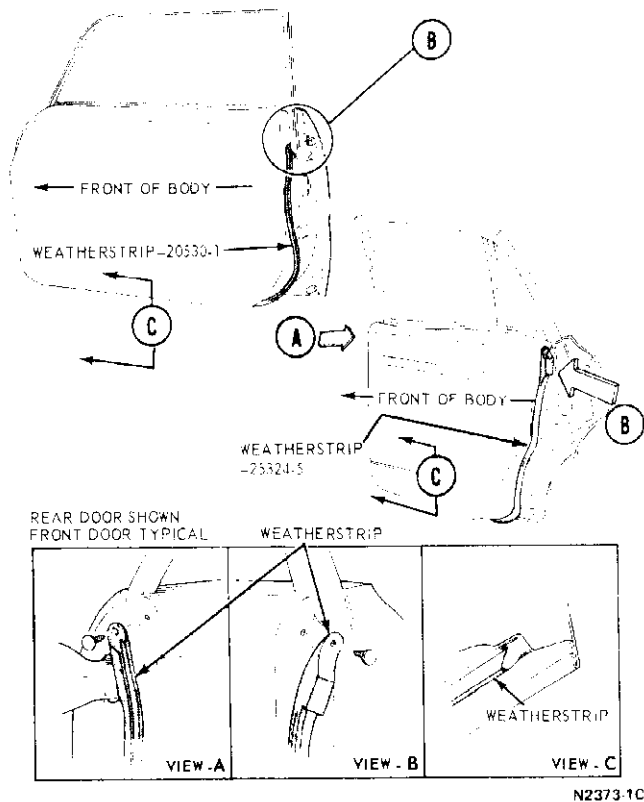


FIG. 14 Door Weatherstrips—Pinto and Bobcat

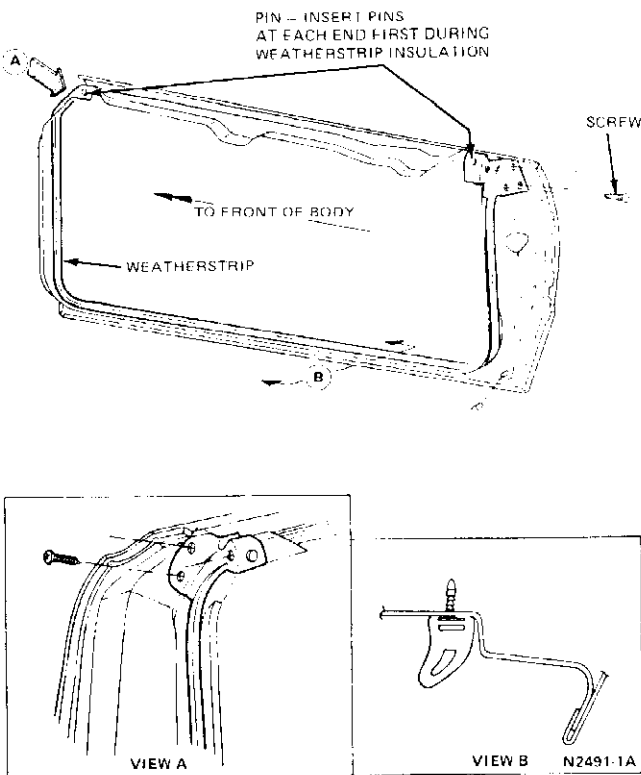


FIG. 15 Door Weatherstrips—Mustang II

4. Check the remote control and latch operation.
5. Install the watershield and door trim panel.

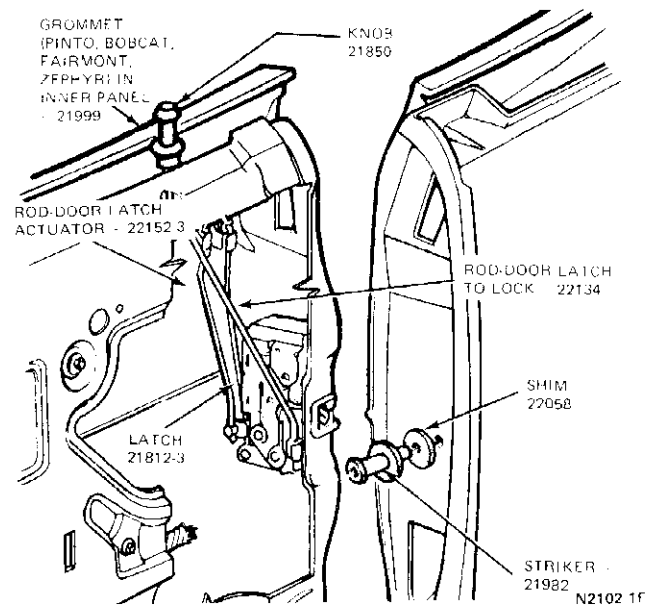


FIG. 16 Door Latch and Striker Installation—Pinto, Bobcat, Fairmont and Zephyr

Fairmont, Zephyr, Pinto, Bobcat and Mustang II

Removal

1. Remove the door trim panel and watershield.
2. Disconnect the retainer from the link at the remote control (Fairmont and Zephyr).
3. Remove the three screws or nuts attaching the remote control to the door inner panel and remove the remote control. The Mustang II, Pinto and Bobcat remote control must be rotated off the remote rod to remove, similar to other vehicles.

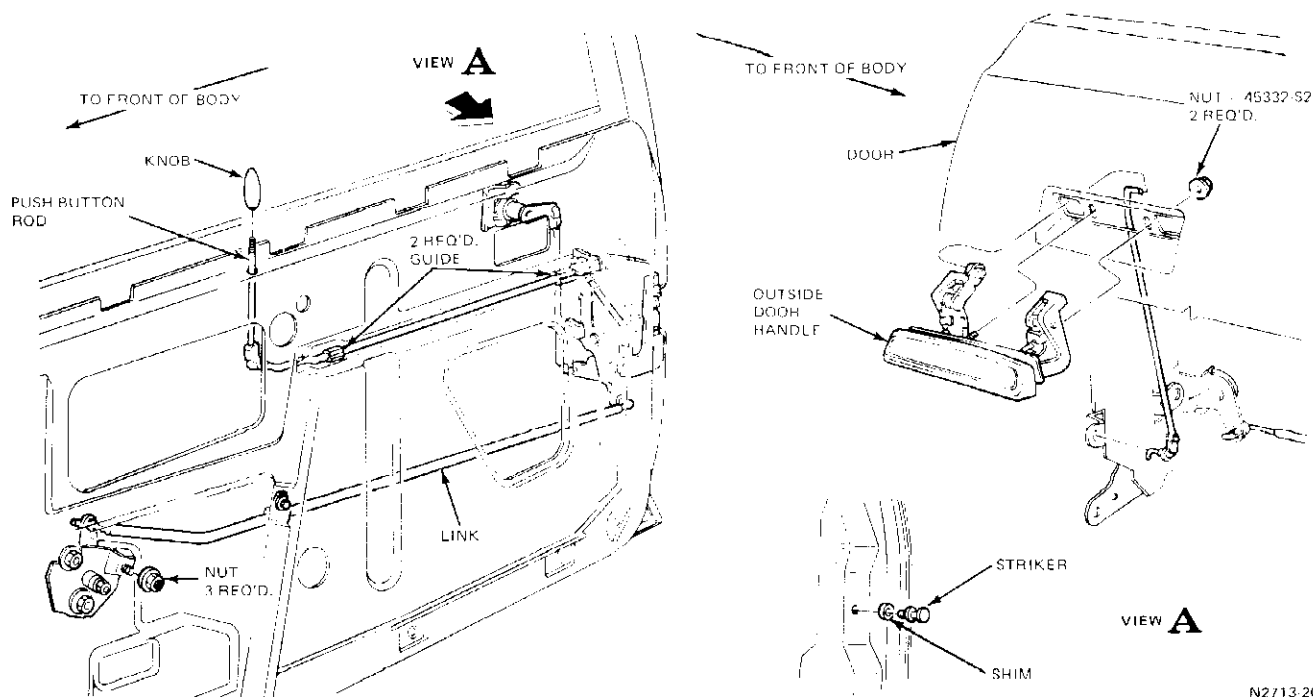
Installation

1. Install a new bushing or retainer into the new remote control, if the remote control is to be replaced.
2. Rotate the remote arm onto the link to engage the two parts for Mustang II, Pinto and Bobcat only.
3. Position the remote control to the door inner panel and install the three attaching screws or nuts (Fig. 18).
4. Connect the link to the remote control and secure with the retainer (Fairmont and Zephyr).
5. Check the remote control and latch operation.
6. Install the watershield and door trim panel.

REAR DOOR LATCH

Removal

1. Remove the trim panel and watershield from the door.
2. Disconnect the door latch actuating rod from the latch assembly—all car lines.
3. Remove the rear door latch bellcrank as outlined for all car lines.
4. Remove the door latch remote control as outlined previously for all car lines.
5. Remove the three latch assembly attaching screws, disconnect the wire from the door indicator switch (if so equipped), and remove the latch assembly from the door.



N2/13-2C

FIG. 17 Front Door Latch Mechanism—Granada, Monarch and Versailles—2-Door Shown

6. Remove the door indicator switch from the latch assembly (if so equipped), and remove the two link assemblies from the latch on all car lines.

Installation

1. Install new clips and grommets in the new latch assembly, using the removed latch as a guide.
2. Install the door indicator switch on the latch assembly and adjust as outlined under adjustments.
3. Install the two link assemblies into the lower lever grommets as shown in Fig. 21.
4. Place the latch assembly to the door and connect the wire to the door indicator switch.
5. Position the latch assembly to the door and install the three attaching screws (Fig. 21).
6. Connect the door latch actuating rod to the latch assembly.
7. Reinstall the door latch bellcrank and remote control as outlined under each respective heading.
8. Check the operation of the latch assembly.
9. Install the watershield and trim panel on the door.

REAR DOOR LATCH BELLCRANK

Removal

1. Remove the lock control knob from the push button rod.
2. Remove the trim panel and watershield from the door.
3. Remove the screw or pop rivet attaching the bellcrank to the door inner panel. Disconnect the bellcrank from the lock control link by

unclipping the retainer or rotating it off the double 90 degree bend on the other car lines (Fig. 21).

4. Remove the push button rod from the bellcrank.

Installation

1. Install new rod retaining clips or bushings in the new bellcrank if the bellcrank is to be replaced.
2. Assemble the push button rod to the bellcrank.
3. Assemble the bellcrank to the lock control link by clipping the retainer or rotating the bellcrank onto the link on other car lines.
4. Position the bellcrank to the door inner panel with the push button rod inserted through the hole at the belt line. Then, install the bellcrank attaching screw or pop rivet.
5. Check the operation of the bellcrank and associated linkage.
6. Install the watershield and trim panel on the door.

DOOR LOCK CYLINDER

When a lock cylinder is replaced, both door lock cylinders and ignition lock cylinder should be replaced in a set. This will avoid carrying an extra key which will fit only one lock.

1. Remove trim panel and position the watershield away from the access holes.
2. Disconnect the lock control-to-door lock cylinder rod at the lock cylinder arm (Figs. 16 through 23).
3. Remove the door lock cylinder retainer and remove the lock cylinder from the door.

FIG. 18 Door Latch and Striker Installation—Pinto and Bobcat

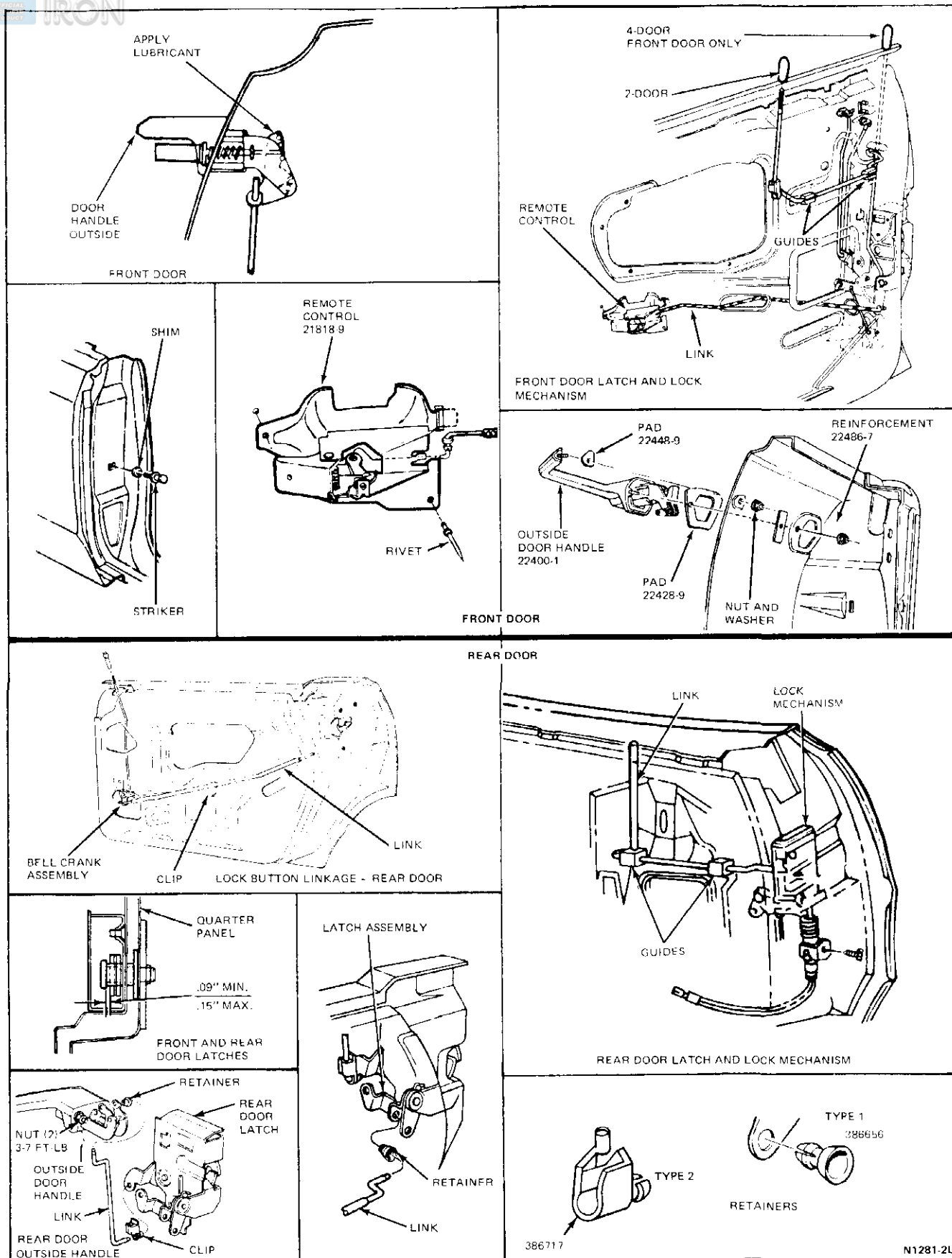


FIG. 19 Door Handle and Latch Installation—Lincoln Continental

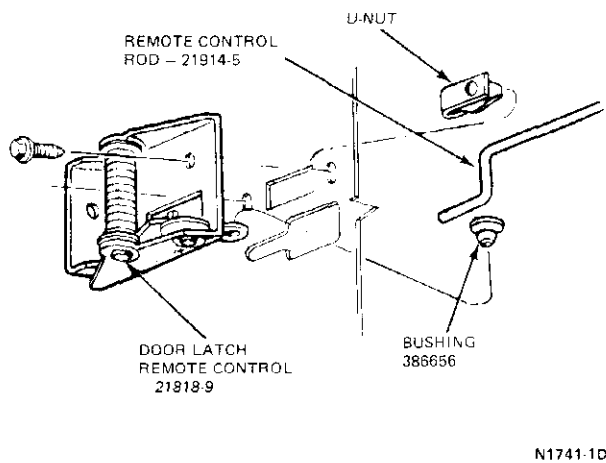


FIG. 20 Door Latch Remote Control—Typical

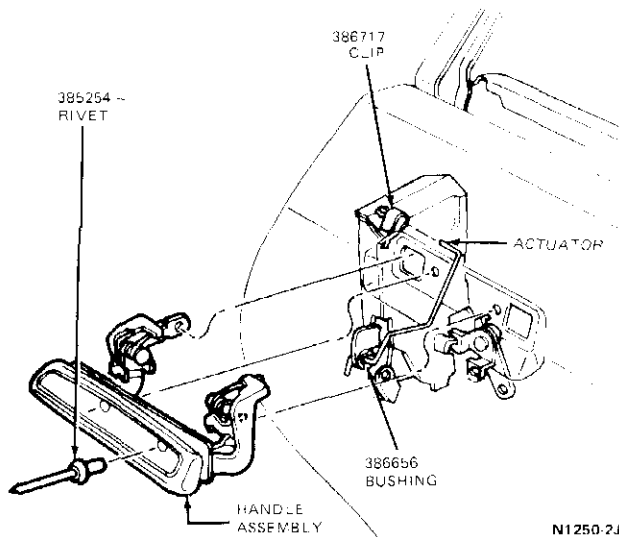


FIG. 21 Rear Door Outside Handle and Latch Mechanism—Typical

4. Transfer the lock cylinder arm to the new lock cylinder and replace the rod retainer if it shows any wear or warpage.
5. Position the lock cylinder in the door and install the lock cylinder retainer.
6. Connect the lock control-to-door lock cylinder rod at the lock cylinder and secure the retainer.
7. Carefully position the watershield to the inner panel and install the trim panel.

DOOR OUTSIDE HANDLE

LINCOLN CONTINENTAL, FAIRMONT, ZEPHYR, PINTO AND BOBCAT

Removal

1. Remove the trim panel and water shield from the door.
2. Disconnect the latch actuating rod from the handle link connector.

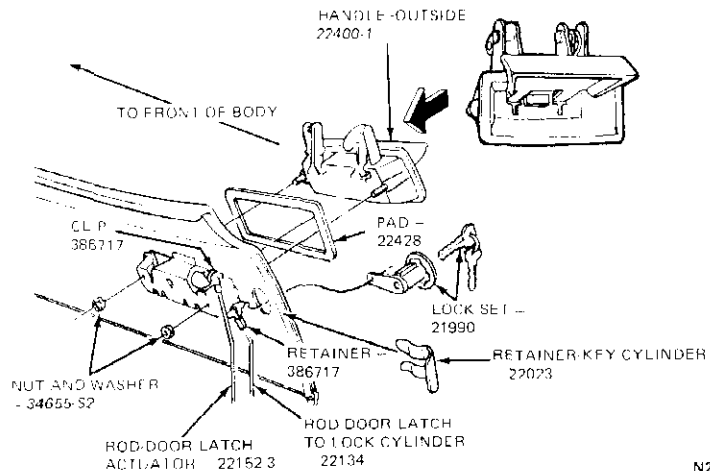


FIG. 22 Door Handle and Lock Cylinder Installation—Continental Mark V

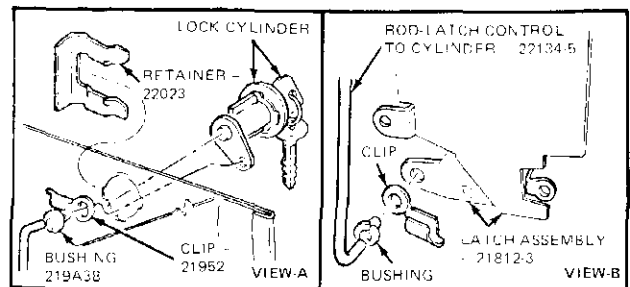


FIG. 23 Door Latch Installation—Typical

3. Prep the area surrounding the door handle opening with protective cover to preclude paint damage.
4. Using a 1/2"x4" piece of wood dowel stock, or similar material, prop the door handle open to gain access to the 2 blind rivets retaining the handle.
5. Using a drift punch or similar tool, knock out the center pin or mandrel of each rivet. Then use a 1/4" drill and drill out the remainder of the rivet from the door sheet metal. (Use care in drilling so that sheet metal holes are not enlarged.)

6. Remove the prop and door handle from the door.

Installation

1. Prep area surrounding the door handle opening with protective covering to preclude paint damage.
2. Remove the door trim panel and water shield.
3. Position the door handle into the door opening and pull the handle lever open and insert a 1/2"x4" piece of wood dowel stock or similar material between the open handle and door sheet metal. Assure that the handle base is flush to the door sheet metal and aligned to the retaining holes.
4. Install 2 1/4"x1/2" Blind Oval Head Rivets (388047-S100) and remove prop.

NOTE: DO NOT SUBSTITUTE RIVETS USE 388047-S100 RIVETS ONLY.

Hand tools capable of setting 1/4" blind rivets are available from:

Townsend-Textron 1/4" Rivet Hand
2515 Pilot Knob Road Tool No. 4022
St. Paul, MN 55165
Telephone: (612) 452-1771

OR

USM Corporation Hand Pop-Riveter
Pop-Rivet Division No. PRG-450 With
510 River Road PR Nose Piece
Shelton, CN 06484 No. 826

Telephone: (203) 735-9341

OR

An equivalent supplier.

5. Install latch actuating rod and check for proper operation.
6. Install door watershield and trim panel.

ALL EXCEPT LINCOLN CONTINENTAL, PINTO AND BOBCAT

Removal

1. Remove the door trim panel and watershield.
2. Disconnect the door latch actuator rod from the latch (Figs. 21 and 22).
3. Remove two rivets retaining the handle to the door. Remove the handle and rod from the door.

Installation

1. Transfer the actuator rod to the new handle using a new bushing, if the handle is to be replaced.
2. Insert the handle and rod into the door and install the two rivets.
3. Connect the door latch actuator rod to the door latch (Fig. 21).
4. Check the operation of the door outside handle and the door latch.
5. Install the watershield and door trim panel.

Power Door Locks

PART
44-16

SUBJECT	PAGE	SUBJECT	PAGE
DESCRIPTION AND OPERATION	16-1	REMOVAL AND INSTALLATION	
TESTING		Electric Door Lock Actuator	16-2
Motor	16-1	Lock Control Switch	16-2
Relay	16-2	Tailgate Lock Actuator	16-2
Switch	16-1		

CR2036-2B

DESCRIPTION AND OPERATION

The power door lock control system uses electric switches controlled by the front door lock push buttons (LTD II, Cougar, Granada and Monarch), and rocker type switches located in the arm rests on Ford, Mercury, Lincoln Continental, Continental Mark V, Thunderbird and Cougar XR-7, Versailles and Granada. Relays on push-button switches on LTD II, Granada and Cougar direct the current to the door lock motors to lock or unlock the doors.

To lock the doors on the LTD II, Cougar, Granada and Monarch, **push down** firmly on either front door

lock push buttons and close the door(s). To unlock the doors from inside the vehicle lift the push buttons upward beyond the normal travel. On the Ford, Mercury, Cougar XR-7, Thunderbird, Lincoln Continental, Continental Mark V, Versailles and Granada, the rocker-type switches are located in the arm rests. Push the door lock switch to **lock** or **unlock** as desired.

The key will not lock or unlock all doors from outside the vehicle. The key inserted into the door lock can only be used to lock or unlock each individual door.

TESTING

MOTOR

Apply 12 volts to one terminal of the motor's (actuator) connector and ground the other terminal (Fig. 1). The motor (actuator) gear should finish its travel in less than one (1) second.

Using an ammeter, the motor current draw (stall test), should not exceed 6 amps. Reverse the power and ground leads to the connector and re-test.

SWITCH

LTD II, Granada, Monarch and Cougar

Using a self-powered test light, there should be **no continuity** between any terminals with the switch in its normal position.

Continuity should exist between terminals A and B with the switch held in one position and between terminals B and C with the switch held in the other position (Fig. 1).

Ford, Mercury, Lincoln Continental, Thunderbird, Versailles, Granada, Cougar XR-7 and Continental Mark V.

Procedures for testing the power door lock switch is the same as for the single power window switch. Refer to Group 42.

RELAY

LTD II, Cougar, Granada and Monarch

Remove both connectors to perform the relay tests. The relay is located on the brake pedal support.

Verify that terminal 1 on the relay is grounded. If terminal 1 on the relay is not grounded, check the relay case to ground bolts for tightness. If the relay case to ground bolts are tight, replace the relay. If not, tighten and re-test.

Apply power to terminals 2 and 4 on each relay, and connect a 12 volt test light between terminals 1 and 2, and ground (**no longer than two minutes**). The test light should light. If the operative test light does not light, replace the relay.

Refer to the Wiring and Vacuum Diagrams manual, Form 365-229, for electrical schematic wiring diagrams and the locations of the wiring harnesses.

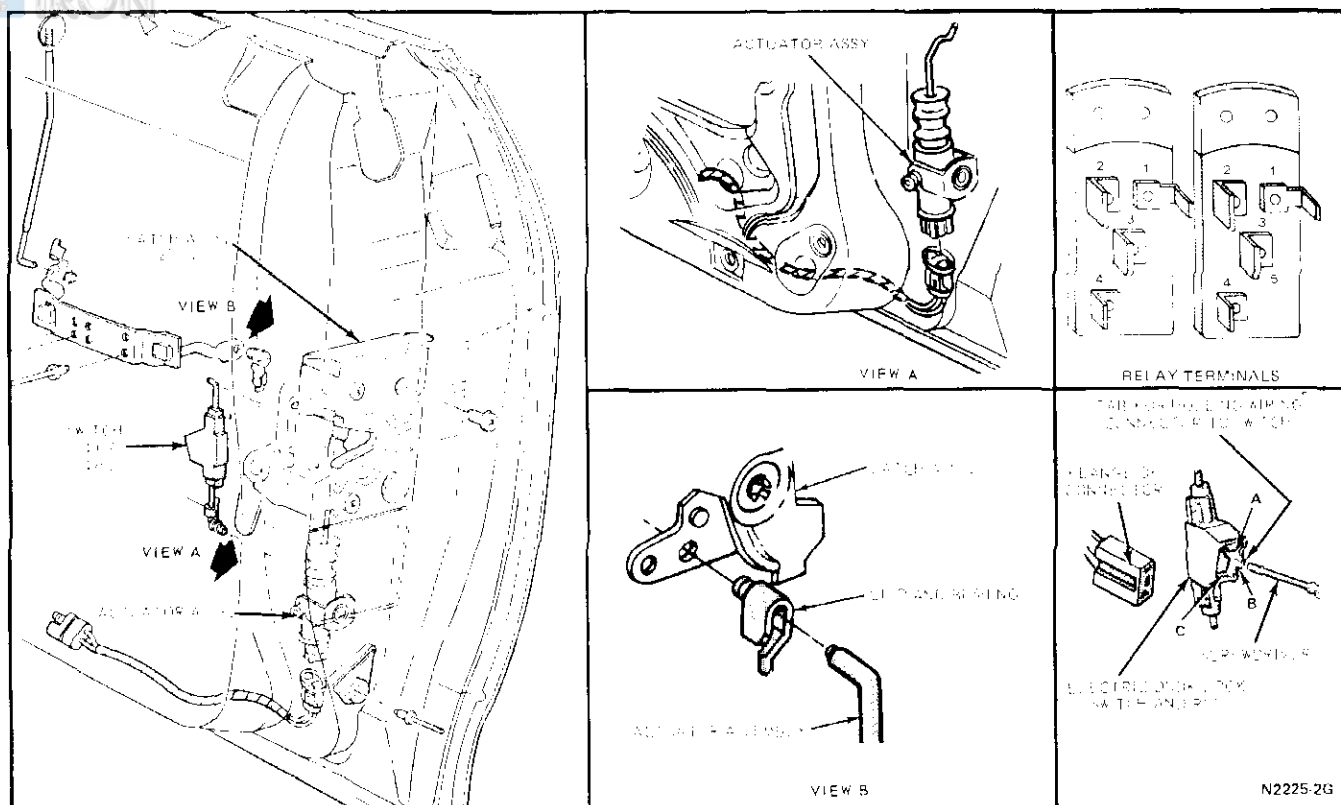


FIG. 1 Power Door Lock Actuator, Switch and Relay—LTD II, Granada, Monarch and Cougar

Ford, Mercury, Lincoln Continental, Thunderbird, Versailles, Granada, Cougar XR-7 and Continental Mark V

There is no relay test for the two-door models. Power is supplied directly to the door lock motor through the switch located in the arm rest.

REMOVAL AND INSTALLATION

ELECTRIC DOOR LOCK ACTUATOR MOTOR

To remove the door lock actuator motor (Fig. 1), remove the door trim panel and watershield. Then, disconnect the actuator motor link from the door latch. Remove the screws or pop rivets attaching the actuator motor to the door and disconnect the wiring at the connector. Remove the actuator motor.

To install the door lock actuator motor, connect the wiring at the connectors and install the door lock actuator motor in the door with screws and/or pop rivets. Connect the actuator motor link to the door latch. Then, install the watershield and door trim panel.

DOOR LOCK CONTROL SWITCH

LTD II, Cougar, Granada and Monarch

The power door switch is an integral part of the door lock push button rod. To replace the switch, remove the door trim panel and watershield (Group 45). The switch must be detached from the door latch and/or bellcrank before disconnecting or connecting the wiring connector. (See Fig. 1.)

Disengage the push button rod from the latch. To disengage the wiring connector from the switch, apply pressure under the tab with a small screwdriver (Fig. 1).

Then, pry the locking tab up from the flange of the connector and pull them apart.

To reassemble the wiring connector to the switch, press firmly together until the tab locks behind the flange. Install the switch to the door latch and/or bellcrank. **Inspect the switch installation to ensure that no binds to sheet metal or tight wires exist.**

Install the watershield and trim panel to the door.

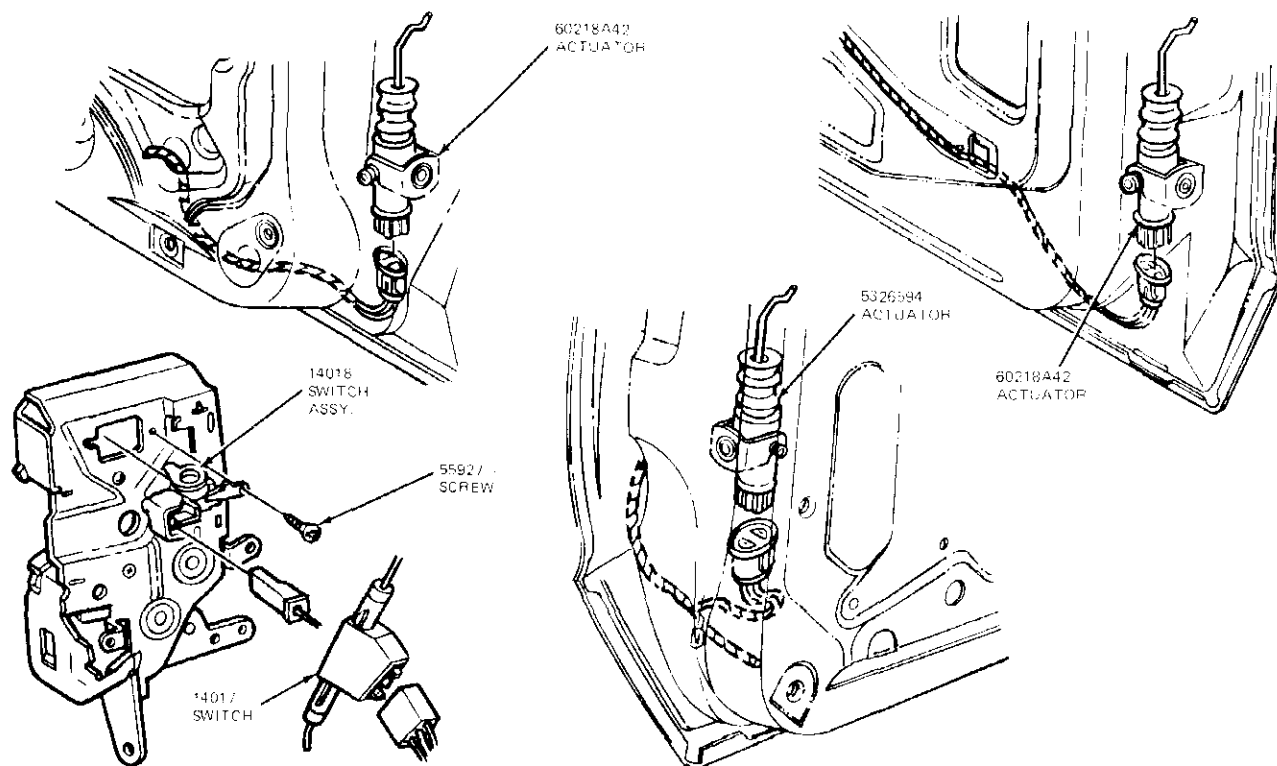
Ford, Mercury, Lincoln Continental, Versailles, Granada, Thunderbird, Cougar XR-7 and Continental Mark V

To remove the control switch, remove the control panel from the arm rest. Release the connector attaching nuts and remove the switch from the control panel. See Part 42-01.

TAILGATE LOCK ACTUATOR

Ford and Mercury—Station Wagons

Remove the tailgate trim panel and watershield. Then, remove the two screws or rivets retaining the lock actuator to the tailgate inner panel (Fig. 2). Disconnect the lock actuator rod from the latch, disconnect the wiring connector and remove the actuator.



N2641 2D

FIG. 2 Tailgate Actuator Motor Assembly—Typical

To install the tailgate lock actuator, connect the wiring connector to the actuator and then lock actuator rod to the latch. Assemble it to the tailgate inner panel and install watershield and trim panel.

Hood, Hinge and Latch

**PART
44-21**

SUBJECT	PAGE
ADJUSTMENTS	
Hood Alignment	21-1
Hood Catch — Auxiliary	21-3
Hood Latch	21-3
REMOVAL AND INSTALLATION	
Hood	21-6

SUBJECT	PAGE
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Hood Hinge	21-7
Hood Latch	21-7
Hood Support Rod	21-7
Hood Latch Control Cable	21-6

CR2037-2B

ADJUSTMENTS

HOOD ALIGNMENT

Ford, Mercury, Cougar, LTD II and Thunderbird

The hood can be adjusted fore and aft and side to side by loosening the hood-to-hinge attaching screws, and repositioning the hood. To raise or lower the hood, loosen the hinge-to-fender reinforcement attaching screws, and raise or lower the hinge as necessary (Figs. 1 and 2). To ensure that the rear corners of the hood are pulled down snugly against the rear hood bumpers, it may be necessary to rotate the hinge around the three attaching bolts.

Fairmont and Zephyr

The hood is provided with fore and aft, vertical, and side-to-side adjustments (Fig. 3). These directions refer to the position of the hood when it is fully lowered. The elongated bolt slots in the hinge and hood provide the side-to-side and fore and aft adjustments. The elongated slots at the fender apron provide for up and down adjustments.

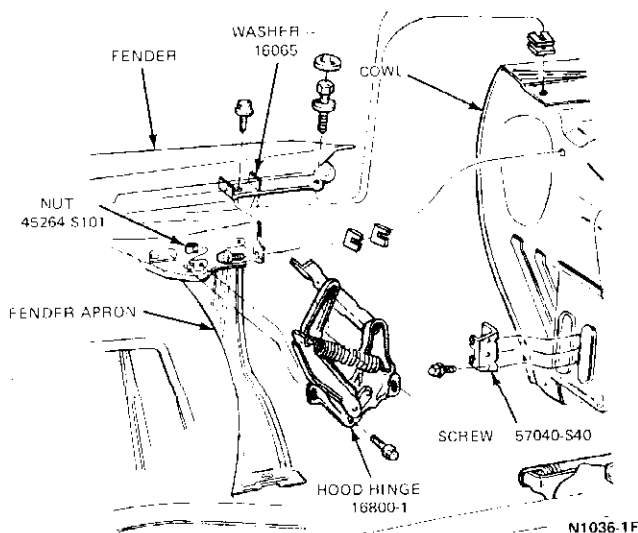


FIG. 1 Hood Hinge Installation—Ford and Mercury

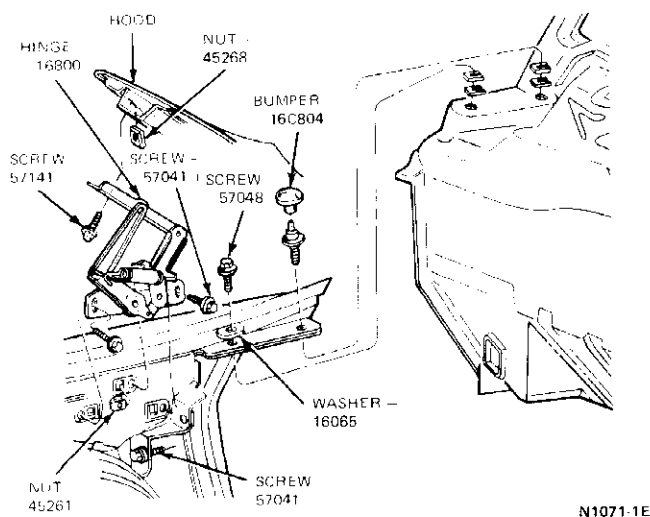


FIG. 2 Hood Hinge Installation—LTD II, Thunderbird and Cougar

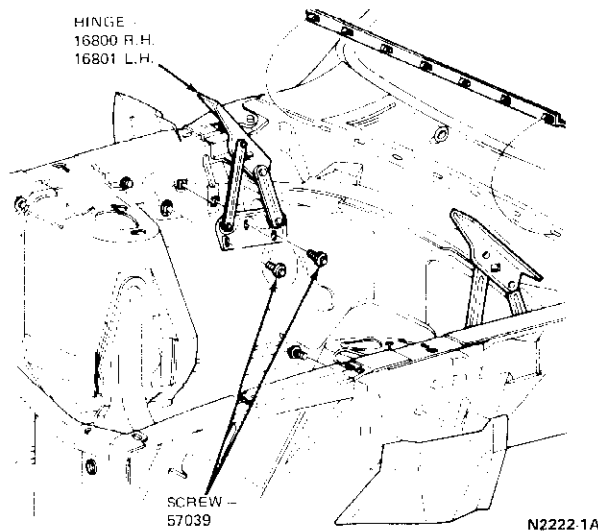
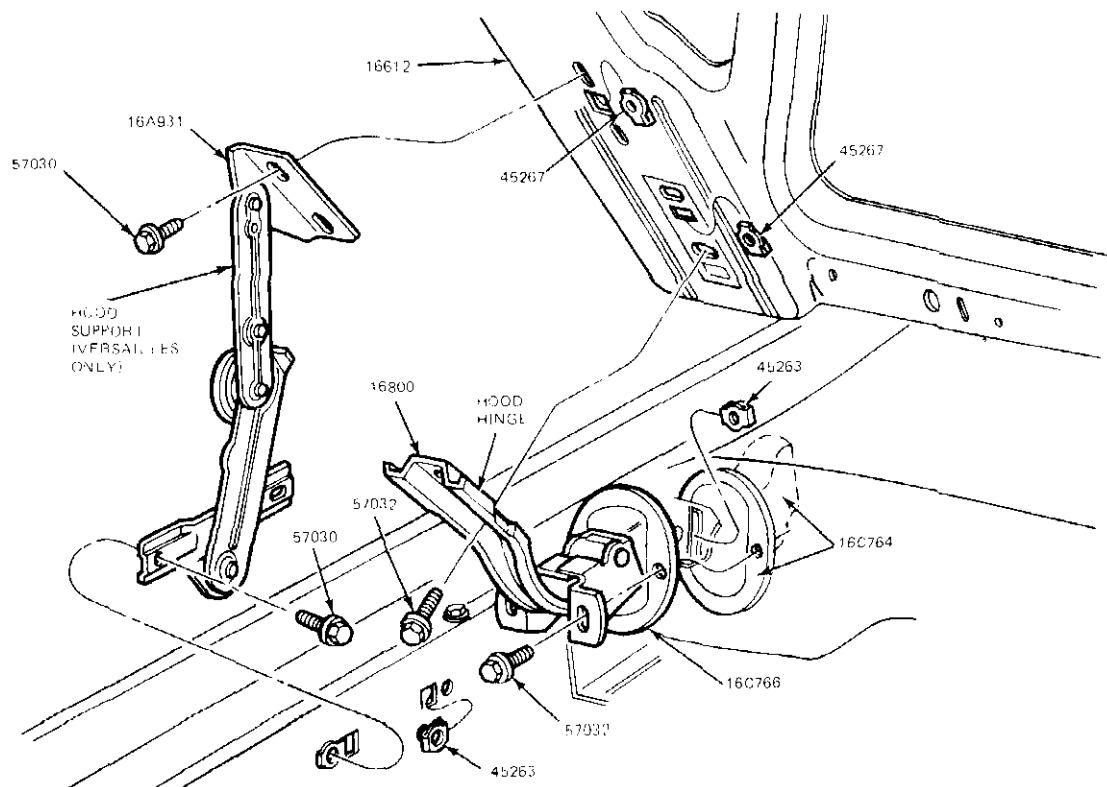


FIG. 3 Hood Hinge Installation—Fairmont and Zephyr



N4049-2A

FIG. 4 Hood Hinge Installation and Adjustment—Pinto, Bobcat, Mustang II, Granada, Monarch and Versailles

Hood bumpers, located on the top left and the top right surface of the radiator support, can be adjusted up and down to provide a level surface alignment of the hood panel with the front fenders. To insure that the rear corners of the hood are pulled down snugly against the rear hood bumpers, it may be necessary to rotate the hinge around the three attaching bolts. Adjust the bumpers on each side of the radiator support to eliminate any looseness of the hood when latched.

Pinto, Bobcat, Mustang II, Granada, Monarch and Versailles

The hood can be adjusted fore and aft and from side-to-side by loosening the two hood-to-hinge attaching bolts at both hinges (Fig. 4). Then, reposition the hood as required and tighten the hood-to-hinge attaching bolts.

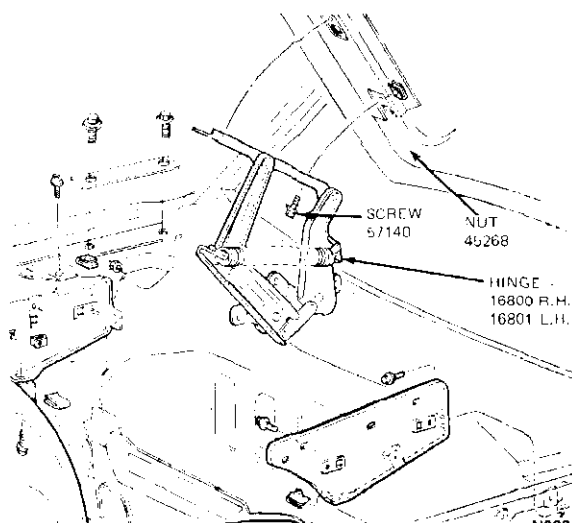
To raise or lower the rear of the hood, loosen the hinge to body attaching bolts. Raise or lower the hinge as necessary to obtain a flush condition of the top of the hood with the surrounding panels. Then, tighten the hinge-to-body attaching bolts.

Lincoln Continental and Continental Mark V

The hood can be adjusted fore and aft and side-to-side by loosening the hood-to-hinge attaching bolts and repositioning the hood. To raise or lower the hood, loosen the hinge-to-fender reinforcement attaching

bolts and raise or lower the hinge as necessary. Then, tighten the attaching bolts (Figs. 5 and 6).

To ensure that the rear corners of the hood are pulled down snugly against the rear hood bumpers, it may be necessary to rotate the hinge around the three attaching bolts.



N2223-1B

FIG. 5 Hood Hinge Installation—Lincoln Continental

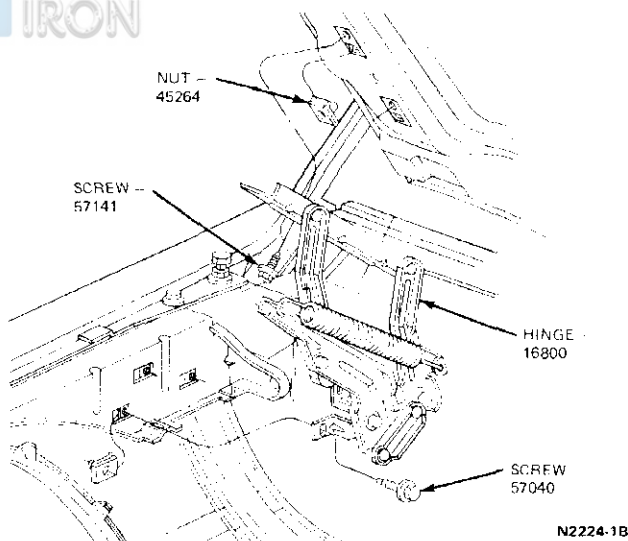


FIG. 6 Hood Hinge Installation—Continental Mark V

HOOD LATCH ADJUSTMENT

Before adjusting the hood latch mechanism, make certain that the hood is properly aligned. The hood latch can be moved from side-to-side to align it with the opening in the hood inner panel and up-and-down to obtain a flush fit with the front fenders.

1. Loosen the hood latch attaching bolts until they are just loose enough to move the latch (Figs. 7 through 13).
2. Move the latch from side-to-side to align it with the opening in the hood inner panel.
3. Loosen the lock nuts on the two hood bumpers and lower the bumpers.
4. Move the hood latch up or down as required to obtain a flush fit between the top of the hood and fenders when an upward pressure is applied to the front of the hood. Then, tighten the hood latch attaching screws.
5. Raise the two hood bumpers to eliminate any looseness at the front of the hood when closed. Then, tighten the hood bumper lock nuts.
6. Open and close the hood several times to check the operation.

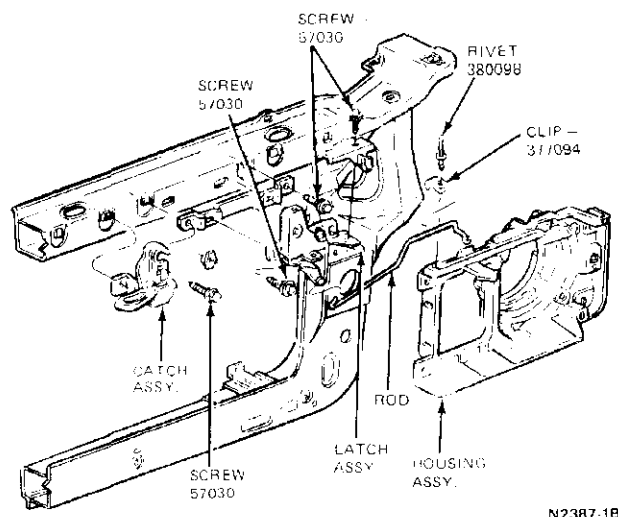


FIG. 7 Hood Latch—Fairmont

AUXILIARY HOOD CATCH

To check the engagement of the auxiliary hood catch, release the hood latch to the pop open position and pull up on the hood assembly. The catch should prevent the hood from opening.

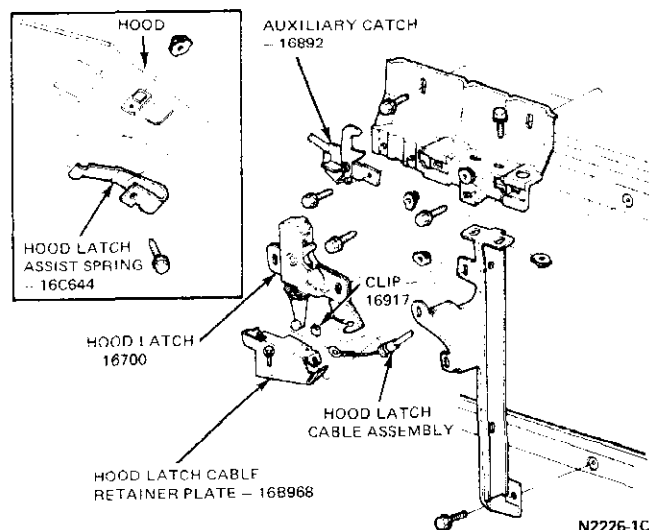


FIG. 8 Hood Latch Installation—Pinto, Bobcat, Mustang II and Zephyr

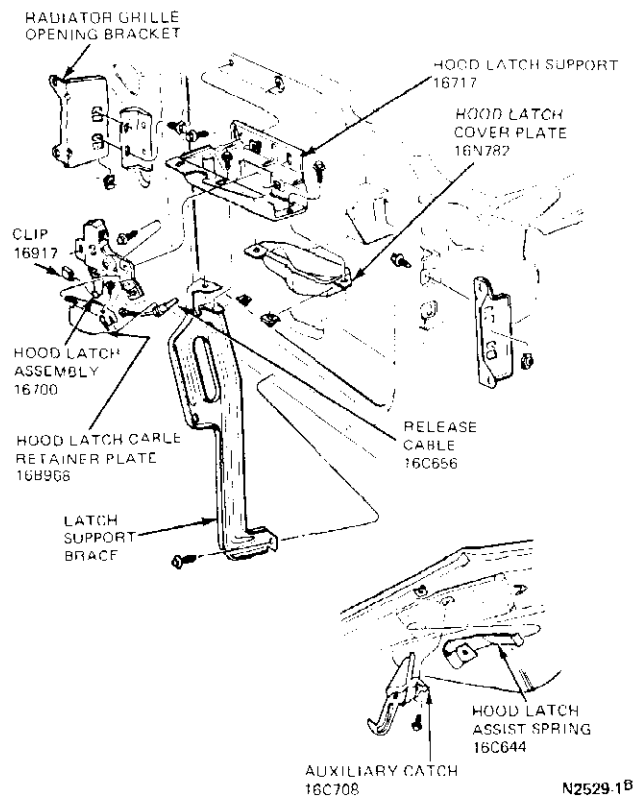


FIG. 9 Hood Latch, Auxiliary Catch and Cable Installation—Granada, Monarch and Versailles

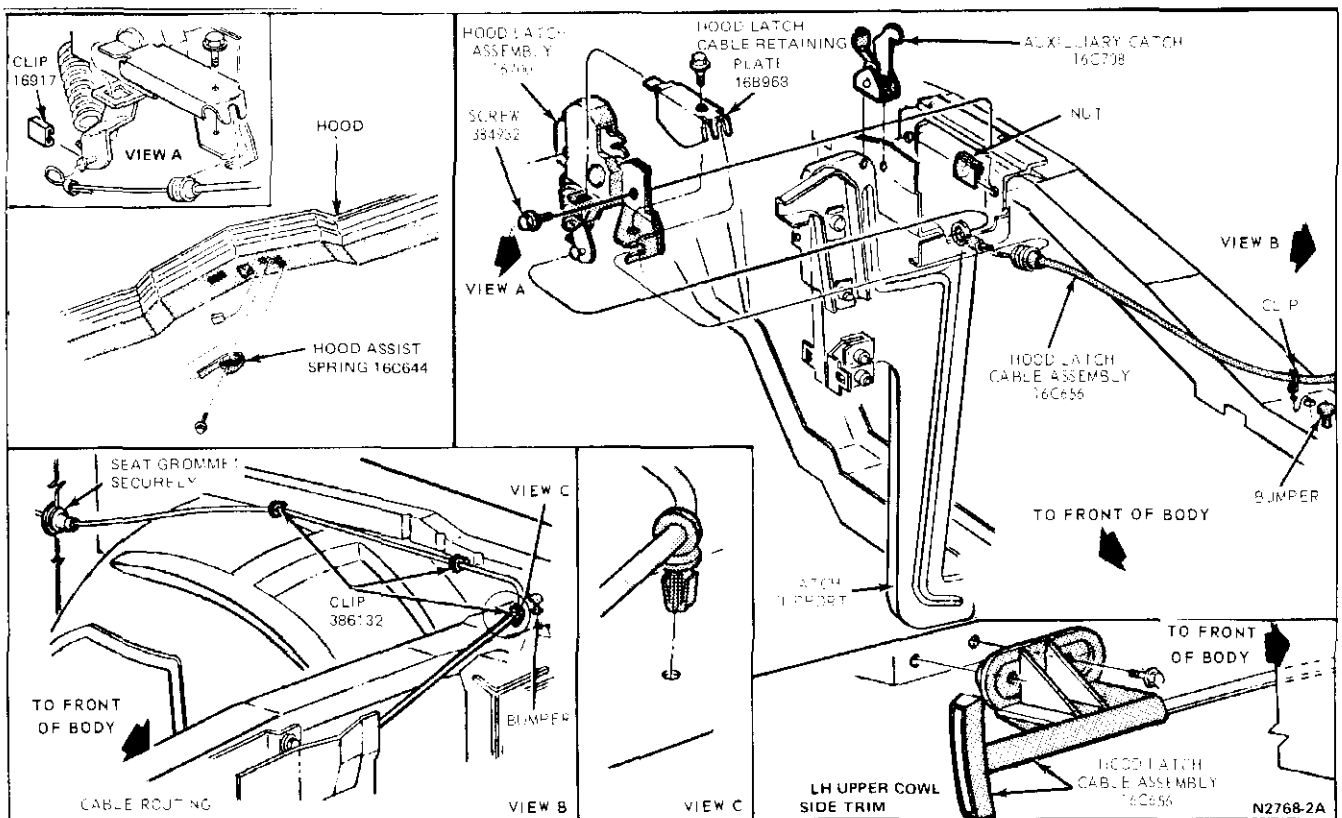
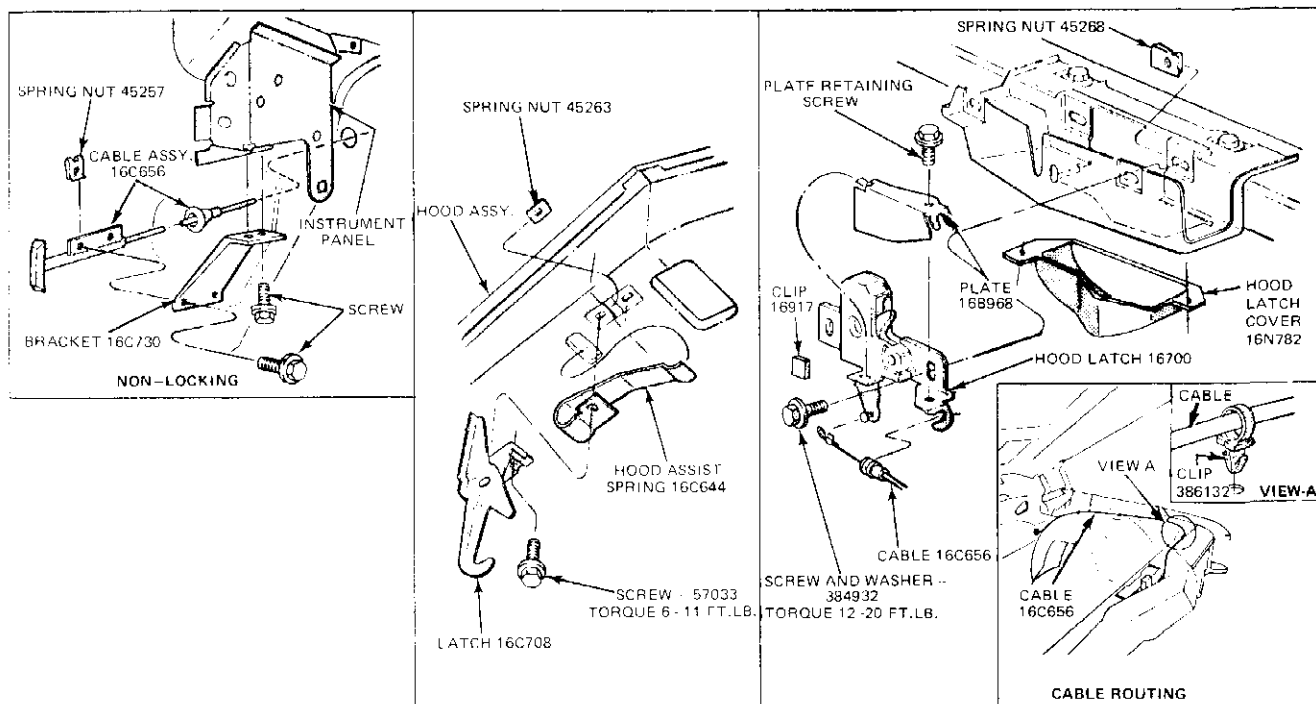
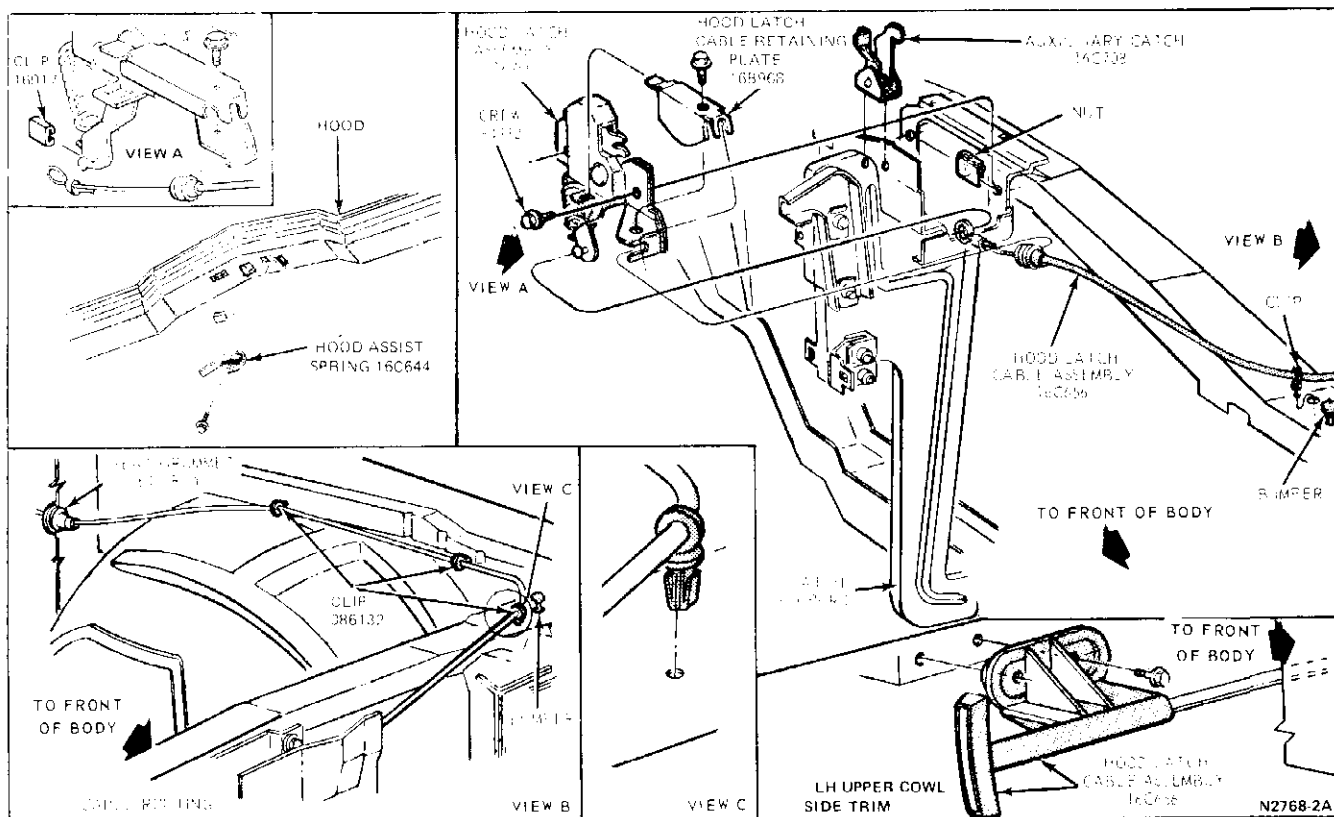


FIG. 10 Hood Latch, Auxiliary Catch and Cable Installation—LTD II, Thunderbird and Cougar



N2642-2D

FIG. 11 Hood Latch, Auxiliary Catch and Cable Installation—Ford and Mercury



N2768-2A

FIG. 12 Hood Latch, Auxiliary Catch and Cable Installation—Continental Mark V

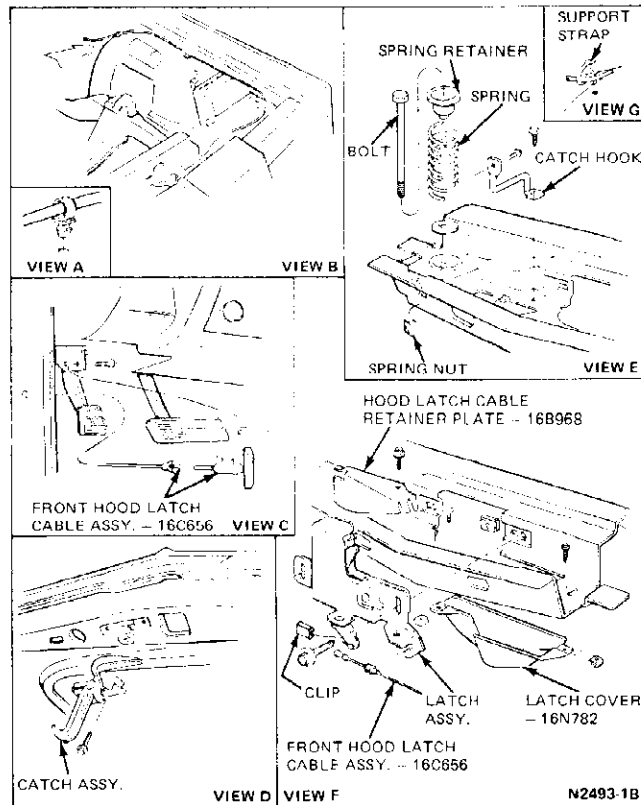


FIG. 13 Hood Latch, Auxiliary Catch and Cable Installation—Lincoln Continental

REMOVAL AND INSTALLATION

HOOD LATCH CONTROL CABLE

Removal

1. From inside the vehicle, open the hood.
2. Remove the hood latch cable retainer plate (one screw), and the cable clip (Figs. 10 through 15).
3. Disengage the cable and ferrule away from the hood latch assembly.
4. Remove the cable retaining clips.
5. From inside the vehicle, remove the cable mounting bracket attaching screws and carefully pull the hood latch cable assembly through the retaining wall.

Installation

1. Position the cable assembly through the retaining wall, seat the grommet securely, and install the cable mounting bracket attaching screws.
2. Route the cable as shown in Figs. 10 through 15, and retain in position with new clips.
3. Install the cable and ferrule to the hood latch assembly.
4. Install the cable clip and the hood latch cable retainer plate (one screw).
5. Check the hood latch cable release operation before closing the hood.

HOOD

Removal

1. Open the hood and support the hood in the open position. Mark the hood hinge locations on the hood. For Versailles, mark location of hood supports.
2. Protect the body with covers to prevent damage to the paint.
3. Remove the two bolts attaching each hinge to the hood, taking care not to let the hood slip when the bolts are removed. On Versailles remove two bolts attaching hood support to hood on each side.
4. Remove the hood from the vehicle.

Installation

1. Position the hood to the hood hinges and install the attaching bolts. Remove the body covers. On Versailles install bolts attaching hood supports to hood.
2. Adjust the hood for an even fit between the fenders and for a flush fit with the front of the fenders.
3. Adjust the hood for a flush fit with the top of the cowl and fenders.
4. Adjust the hood latch, if necessary.

DETROIT IRON
HOOD HINGE**Removal**

1. Open the hood and cover the fenders and cowl top panel.
2. Prop the hood in the open position and remove two hood hinge-to-hood attaching screws.
3. Remove the hinge-to-fender reinforcement or cowl reinforcement attaching screws and remove the hinge.

Installation

1. Position the hinge to the fender reinforcement or cowl reinforcement and install the three attaching screws snug.
2. Position the hinge to the hood and install the two attaching screws.
3. Adjust the hood.

HOOD SUPPORT ROD

Mustang II, Fairmont, Zephyr, Pinto, Bobcat, Granada and Monarch

Removal

1. Open the hood and temporarily support the hood in the open position with something other than the support rod.
2. Remove the support from its stowed position on top of the radiator support.
3. Unsnap the hood support rod retainer from the support rod and pull the rod out of the hole in the retainer (Fig. 15).

4. Remove retainer from hole in the fender apron.

Installation

1. Install a new retainer in hole in fender apron, push until it snaps into position.
2. Insert the end of the support rod into the retainer hole, rotate retainer and snap the locking finger over the support rod (Fig. 15).
3. Place the support rod in its stowed position, remove the temporary hood support and close the hood.

HOOD LATCH**Removal**

1. Open the hood and remove the hood latch cable retainer plate or release rod and cable clip (Figs. 10 through 15).
2. Disengage the cable and ferrule or release rod away from the hood latch assembly.
3. Remove the latch attaching screws and remove the latch assembly.

Installation

1. Position the latch assembly to the vehicle and install the two attaching screws.
2. Position the hood latch control cable and ferrule or release rod to the latch assembly and install the cable clip.
3. Install the hood latch retainer plate or release rod.
4. Adjust the latch assembly.

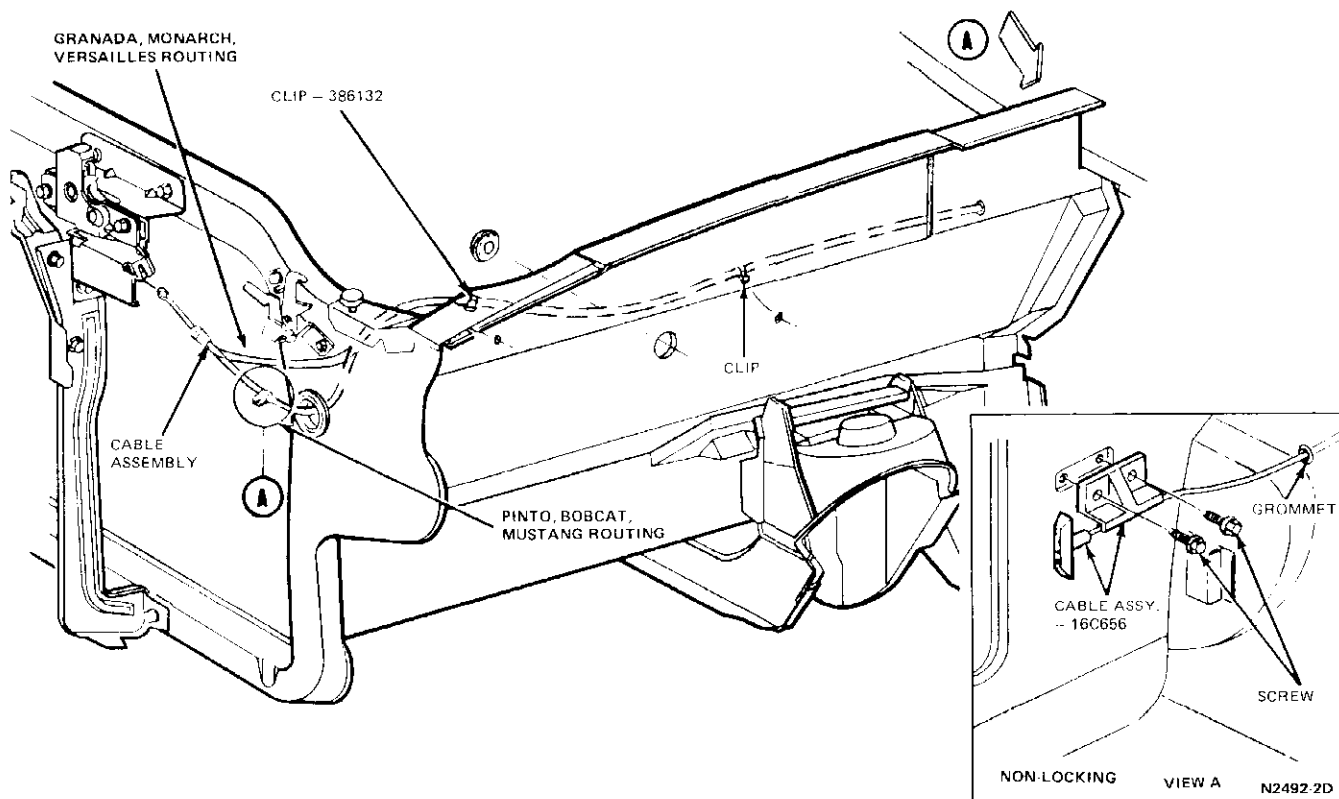


FIG. 14 Hood Latch Cable Installation

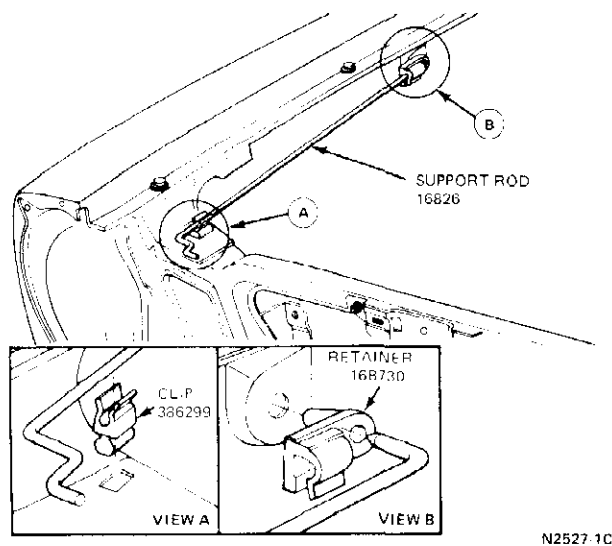


FIG. 15 Hood Support Rod-Mustang II—Others Similar

Luggage Compartment Door, Hinge, Latch, Lock and Weatherstrip

**PART
44-41**

SUBJECT	PAGE	SUBJECT	PAGE
DESCRIPTION	41-1	REMOVAL AND INSTALLATION	
GENERAL INFORMATION	41-1	Glove Compartment Lock and Knob	41-9
ADJUSTMENTS		Liftgate Assembly	41-8
Door Hinge Torsion Bar	41-3	Liftgate Hinge	41-9
Luggage Compartment Door	41-2	Luggage Compartment Door Weatherstrip	41-8
Luggage Compartment Door Latch	41-4	Luggage Compartment Latch and Lock	41-8
		Luggage Compartment Lift Assembly	41-8

CR2038-2B

DESCRIPTION

ELECTRIC LUGGAGE COMPARTMENT RELEASE

Ford, Mercury, Lincoln Continental, Thunderbird and Continental Mark V

A switch mounted in the glove box actuates a solenoid which is an integral part of the luggage compartment latch assembly (Fig. 1).

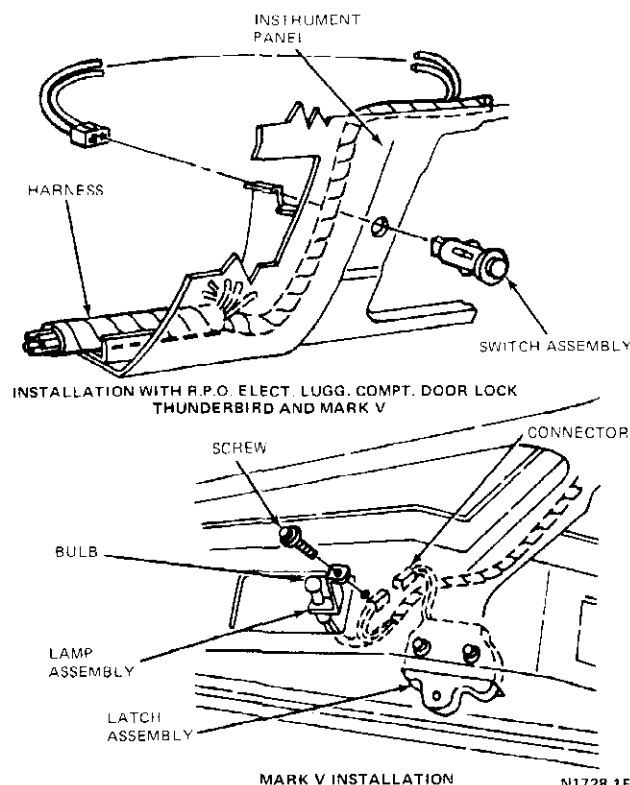


FIG. 1 Luggage Compartment Electric Lock

GENERAL INFORMATION

LUBRICANT

Apply lubricant (Part 19584 or equivalent) to all areas shown in Fig. 2 when required.

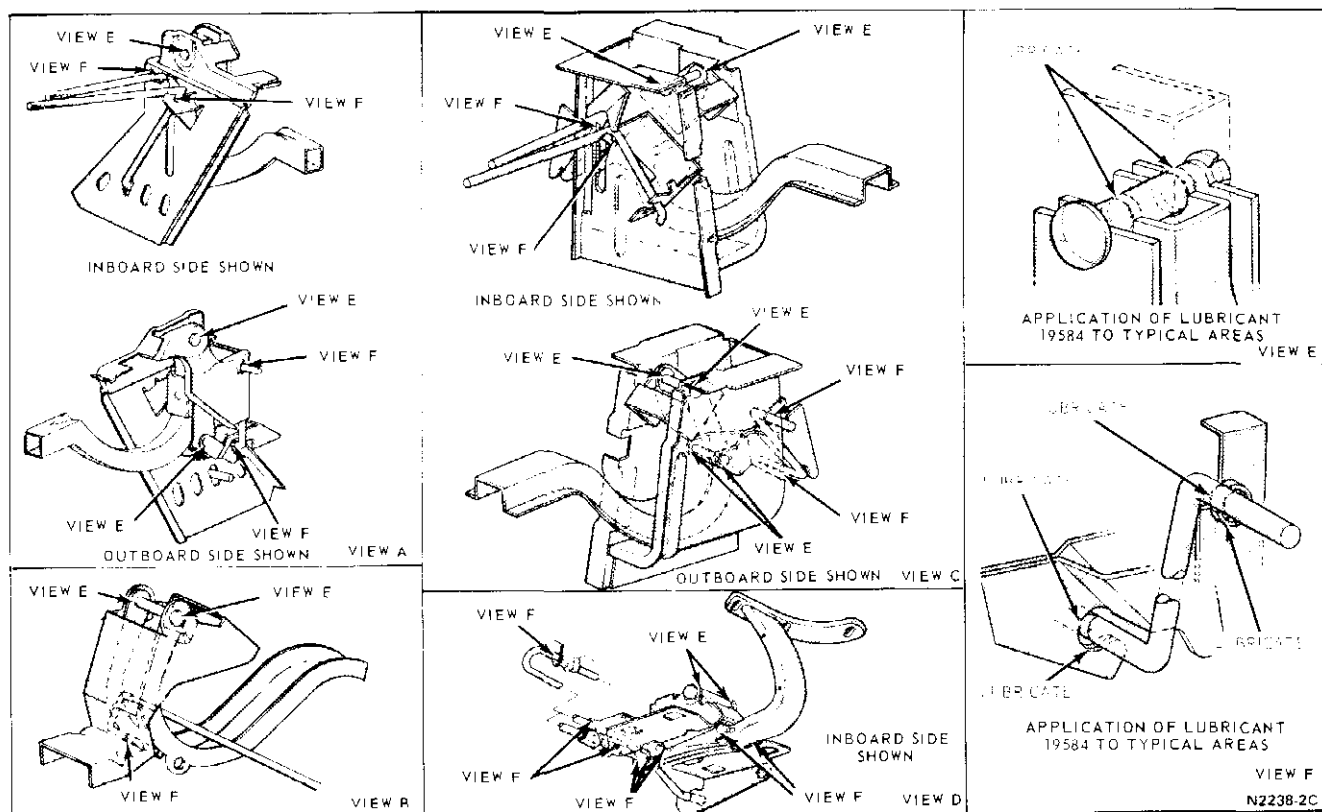


FIG. 2 Hinge Lubrication Areas—Typical

ADJUSTMENTS

LUGGAGE COMPARTMENT DOOR

The luggage compartment door, (third door and/or deck lid), can be shifted fore and aft on all models and from side to side on Pinto and Bobcat by loosening the hinge to door attaching screws. The up and down adjustment is made by loosening the hinge-to-door attaching screws and raising or lowering the door and/or adding or removing shims (Fig. 3 through 6).

The luggage compartment door should be adjusted for an even and parallel fit with the door opening. The door should also be adjusted up and down for a flush fit with the surrounding panels. Care should be taken not to distort or mar the luggage compartment door or surrounding body panels.

FAIRMONT/ZEPHYR LIFTGATE (WAGON)

The station wagon liftgate can be adjusted up and down and side to side by loosening the hinge to header roof panel attaching nut and washer assembly. (Fig. 7). The liftgate can be adjusted in and out by shimming the hinge at the header roof panel. (Fig. 7). The liftgate door should be adjusted for an even and parallel fit with the door opening and surrounding panels.

PINTO AND BOBCAT STATION WAGON ONLY

If the liftgate door ajar warning switch is replaced, all adjustments to the liftgate and latch must be made **before** installing the switch.

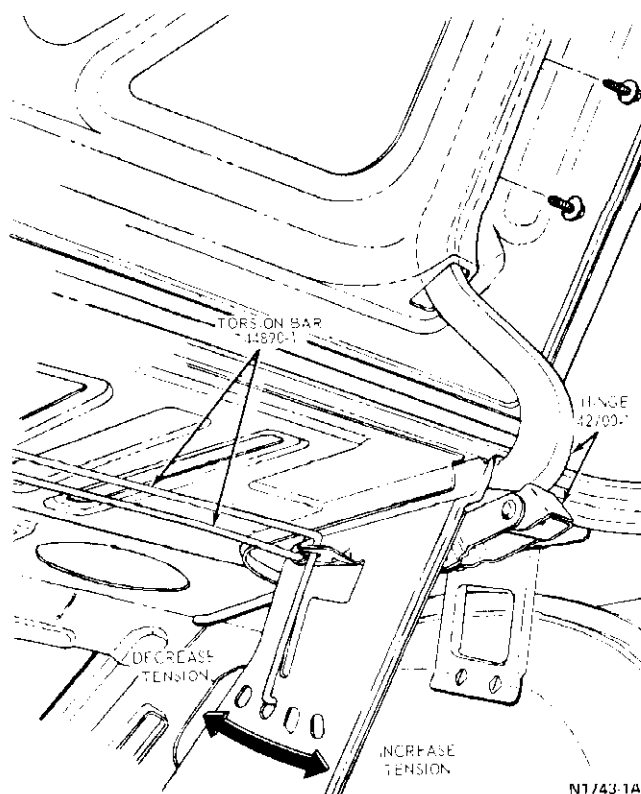
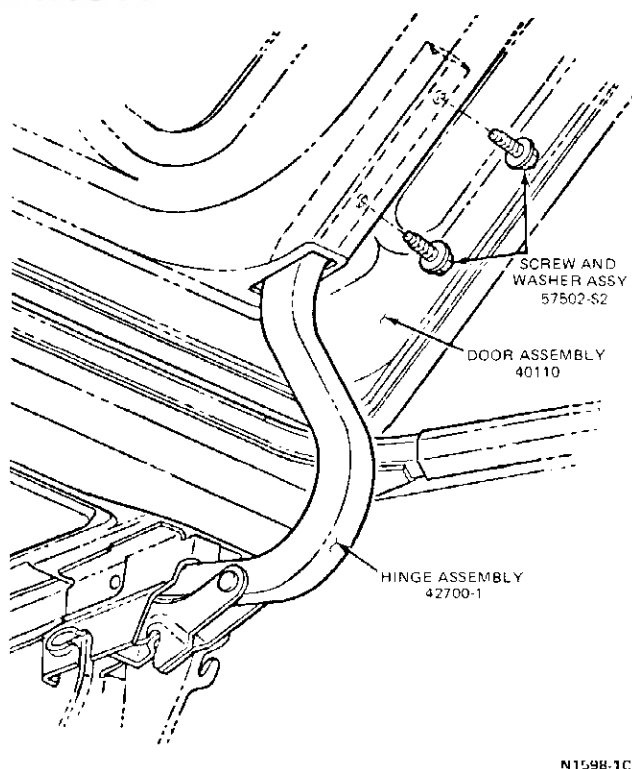


FIG. 3 Luggage Compartment Door Hinge and Torsion Bar—Ford and Mercury



N159B-1C

FIG. 4 Luggage Compartment Door Hinge—LTD II, Cougar and Thunderbird

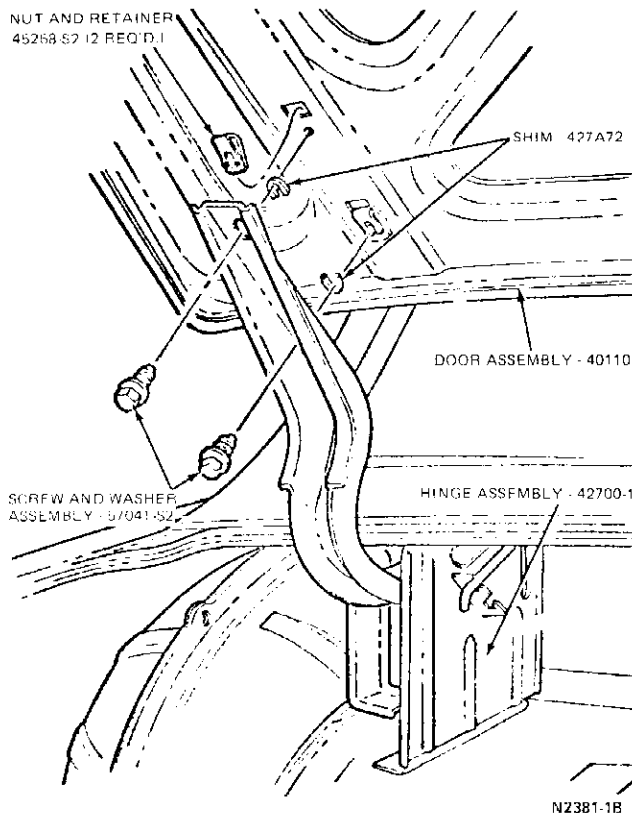
DOOR HINGE TORSION BAR

ALL EXCEPT PINTO AND BOBCAT 3-DOOR AND WAGON, MUSTANG II 3-DOOR AND FAIRMONT AND ZEPHYR WAGON

1. Open the luggage compartment door and note the pop-up distance of the door. The door should have adequate finger clearance.
2. If the door does not have adequate finger clearance, the torsion bar tension should be increased. See appropriate Figs. 3 through 13.
3. If the door pops open with more force than is desired, the torsion bar tension can be decreased. Use care when adjusting the torsion bar as it is under tension and could spring out of control if not handled properly.
4. Support the door in the full open position before adjusting the torsion bar.
5. To adjust a torsion bar, use a suitable tool designed to safely perform the adjustment. Then, move the torsion bar end to another position (notch) to increase or decrease the tension.
6. Adjust one torsion bar and check the adjustment before adjusting the other torsion bar.
7. After torsion bar adjustment, the difference of the position of the torsion bar ends, between the right and left side, must not be more than one slot.

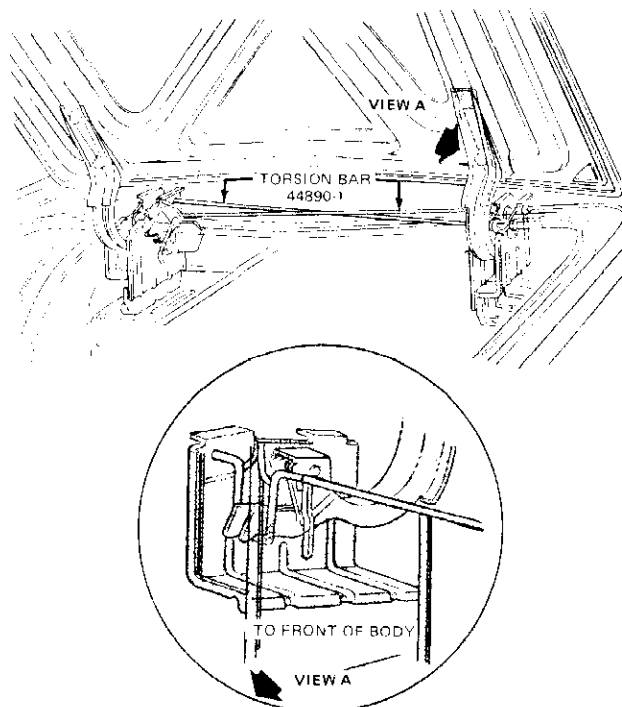
Pinto, Bobcat and Mustang II 3-Door

To adjust the hinge, pull down the weatherstrip across the entire top edge of the door opening.



N2381-1B

FIG. 5 Luggage Compartment Door Hinge—Lincoln Continental



N1543-1C

FIG. 6 Luggage Compartment Door Hinge and Torsion Bar—Lincoln Continental

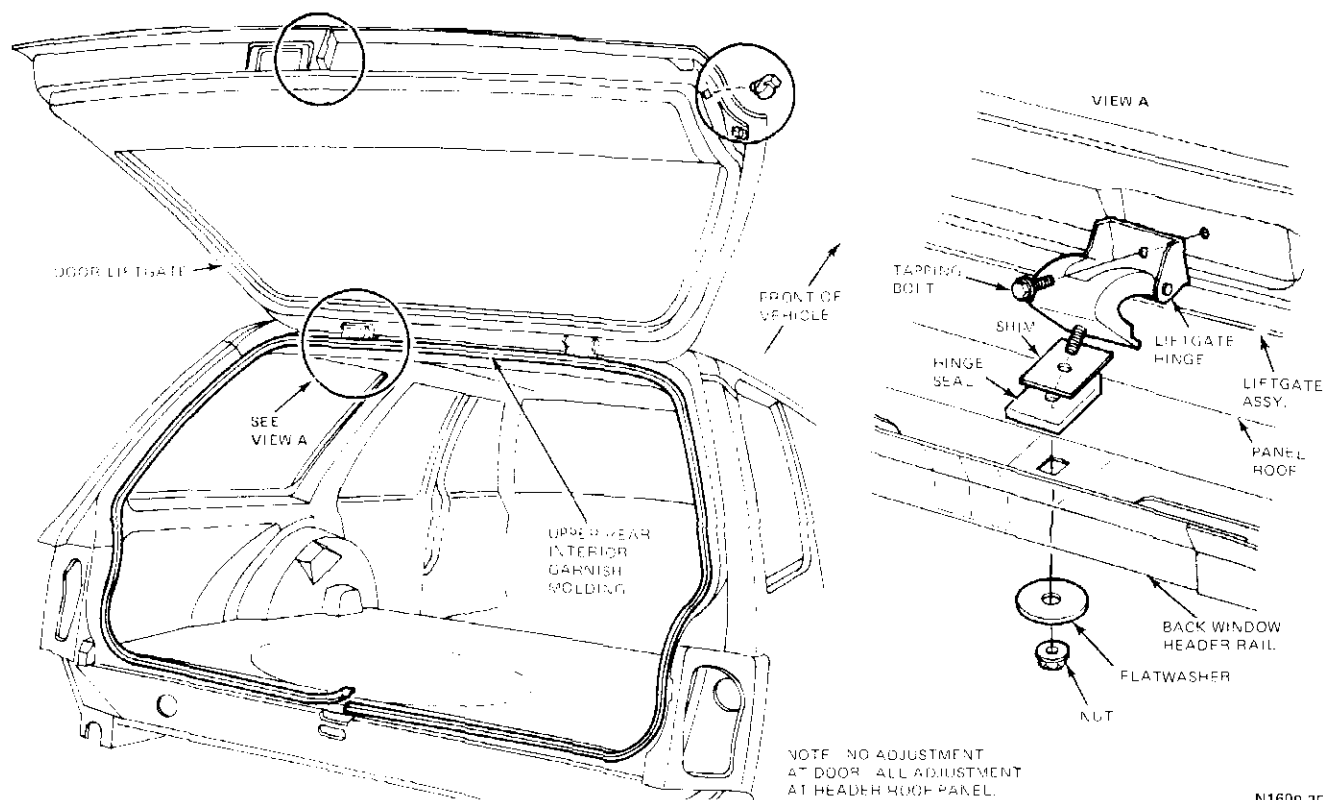


FIG. 7 Torsion Bar Adjustment—Typical Fairmont and Zephyr

Carefully loosen and pull down the headlining to expose the access holes to the hinge nuts (Figs. 11 and 12). Adjust the hinges as necessary. Apply trim cement to the sheet metal flange, install headlining and smooth out any wrinkles. Apply rubber cement to the upper surface of the flange and reinstall the weatherstrip.

FAIRMONT/ZEPHYR LIFTGATE HINGE ADJUSTMENT

To adjust a hinge, or hinges remove the upper rear interior center garnish moulding. Carefully move the headliner slightly out of position to gain access to the hinge to header roof panel attaching nut and washer assembly (Fig. 7). Adjust the hinge as necessary. Install headliner back into position and install garnish moulding.

PINTO AND BOBCAT STATION WAGON

Open the luggage compartment and support the door in the open position. Remove the liftgate hinge cover panel (ten screws). Using vise grips, remove the torsion bar (Fig. 13).

LUGGAGE COMPARTMENT DOOR LATCH

Door Mounted Latch Adjustment

The striker plate can be adjusted up and down and the latch can be adjusted from side-to-side. Before adjusting the deck lid latch make sure that the deck lid is properly aligned. To adjust the latch, loosen the attaching screws, move the latch as required to enter

the striker without deflecting the deck lid sideways, and tighten the attaching screws. Move the striker plate up or down as necessary to provide proper deck lid seal between the deck lid and the lower back panel.

Pinto and Bobcat Station Wagon Liftgate

A two-position (secondary and primary) door latch system is incorporated into the liftgate of Pinto and Bobcat Station Wagon models. This latch cycle consists of a first or secondary position which latches the liftgate but is not intended to seal the door to the liftgate weatherstrip. The second or primary latch position is designed to hold the door firmly into the weatherstrip section to preclude water leaks and/or wind noise. To assure that the **primary** latch has been activated when the liftgate is fully closed, adjust the liftgate latch striker plate as required to establish a firm door-to-weatherstrip seal in that position.

Back Panel Mounted Latch Adjustment

The luggage compartment door latch can be moved up and down in elongated holes to obtain a snug fit between the door and the weatherstrip. The latch striker can be shifted from side to side to obtain alignment with the striker.

The latch can be adjusted by loosening the attaching screws just enough to move the latch. Then, reposition the latch up or down, as required, to obtain a water tight fit between the luggage compartment door and the weatherstrip, and tighten the attaching screws. After the latch is adjusted, reposition the latch striker for proper engagement and alignment with the latch.

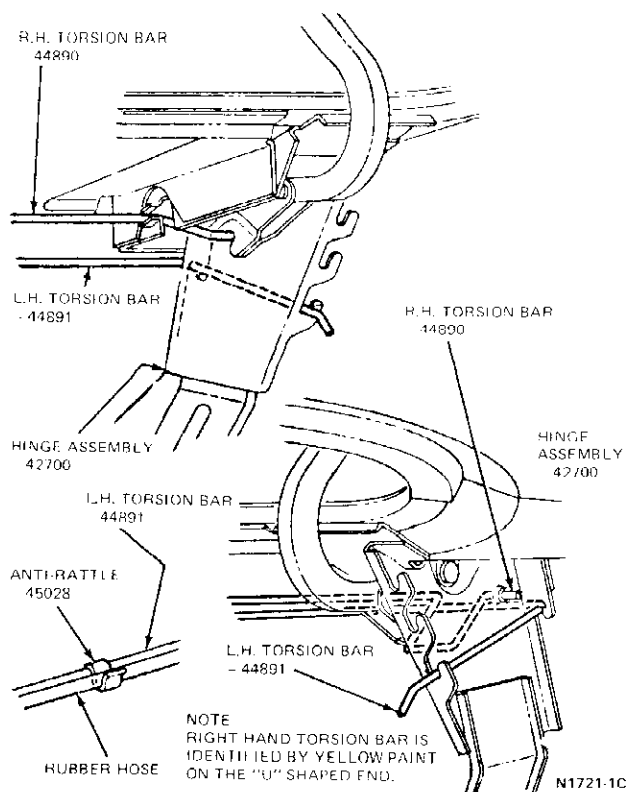


FIG. 8 Torsion Bar Adjustment—LTD II, Thunderbird and Cougar Shown—Continental Mark V and Lincoln Similar

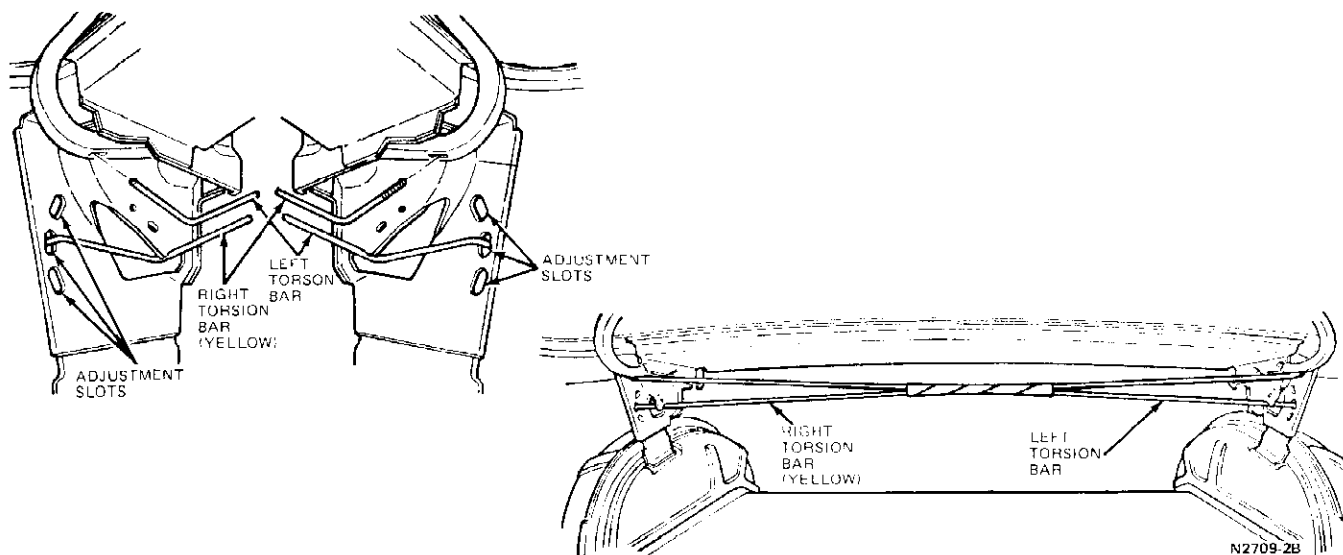


FIG. 9 Torsion Bar Adjustment—Granada, Monarch and Versailles

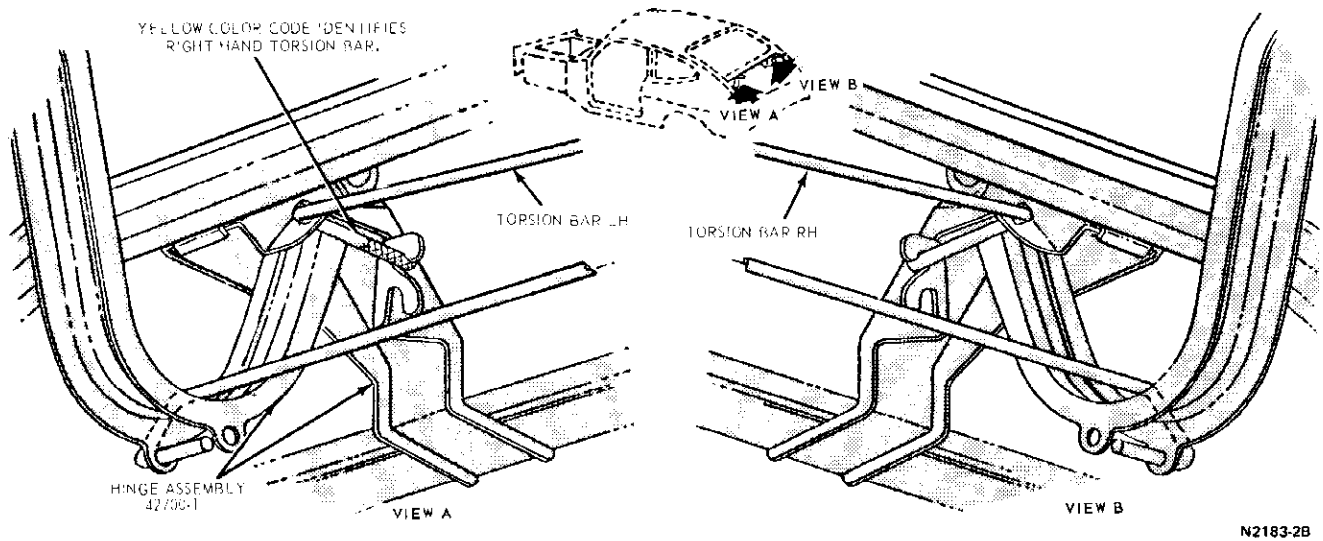


FIG. 10 Torsion Bar Adjustment—Pinto and Bobcat 2-Door

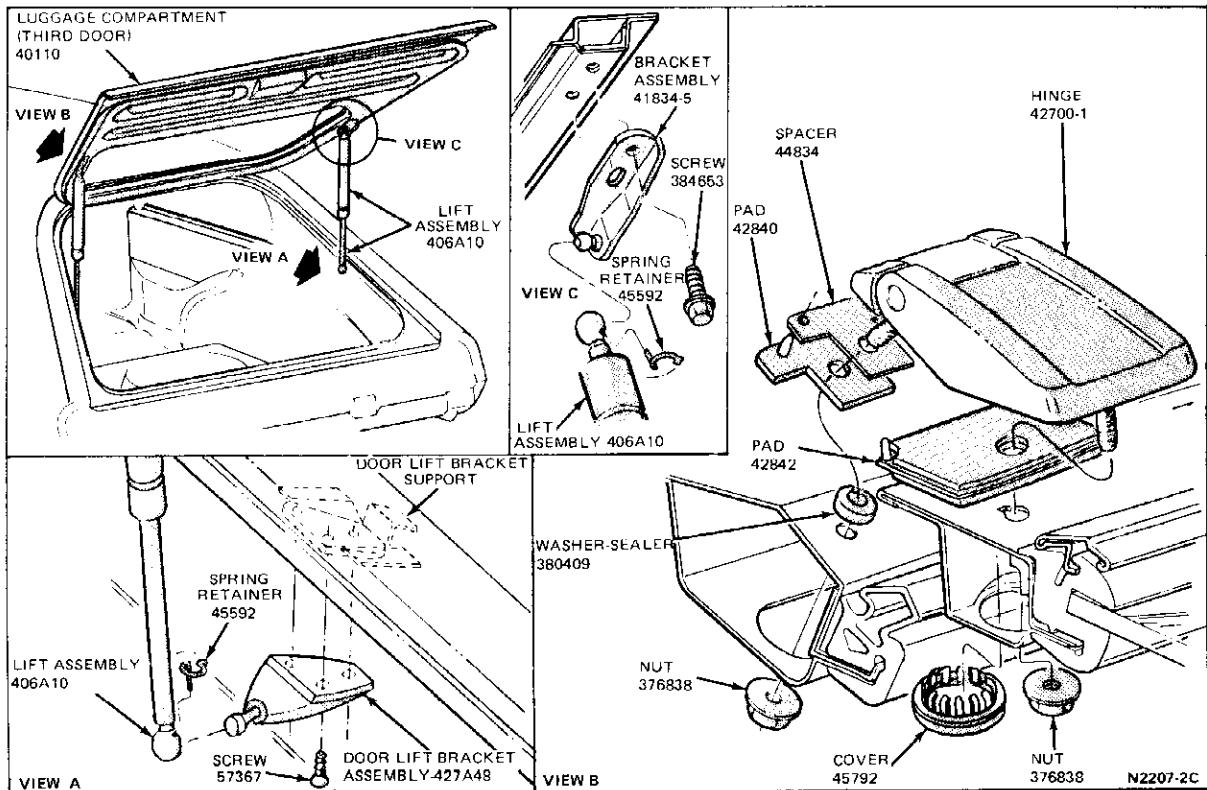


FIG. 11 Luggage Compartment Door, Hinge and Lift Assembly—Pinto and Bobcat 3-Door

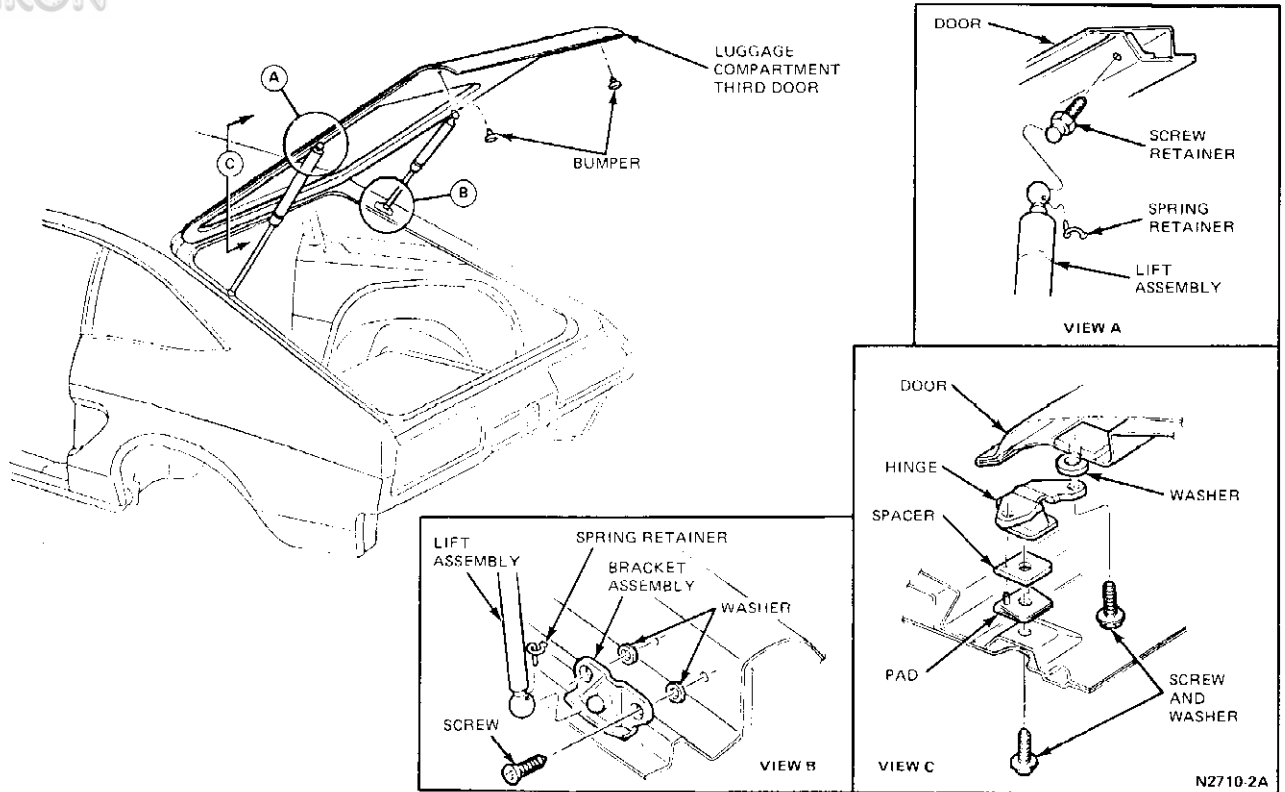


FIG. 12 Luggage Compartment Door, Hinge and Lift Assembly—Mustang II 3-Door

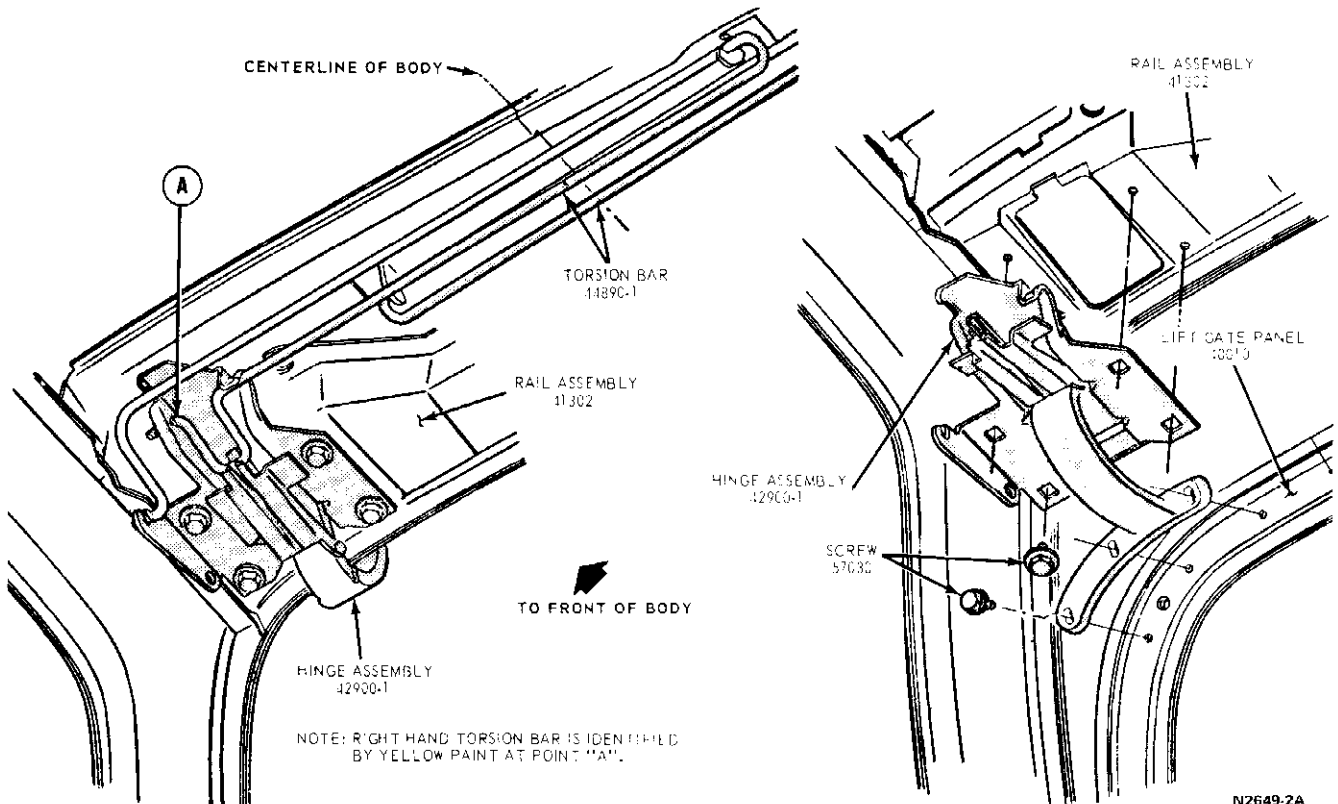


FIG. 13 Hinge and Torsion Bar Installation—Pinto and Bobcat—Station Wagon

REMOVAL AND INSTALLATION

LUGGAGE COMPARTMENT DOOR WEATHERSTRIP

Removal

1. Remove the weatherstrip from the door opening.
2. Remove all old cement and rubber from the weatherstrip mounting surface (Fig. 14).

Installation

1. Apply a 1/4 inch bead of rubber cement 19552 (or equivalent) in the bottom of the weatherstrip trough except in the drainage depressions. (See Fig. 14 Note.)
2. Position the new weatherstrip in the trough as shown in Fig. 14. Cut the new weatherstrip approximately 1 to 2 inches longer than required and butt together without adhesive.
3. Apply a 3/32 inch bead of rubber cement 19552 or equivalent under the outboard lip of the weatherstrip between points shown in Fig. 14.

LUGGAGE COMPARTMENT LIFT ASSEMBLY—PINTO, BOBCAT AND MUSTANG II—3-DOOR

Refer to Figs. 11 and 12 for Removal and Installation procedures (Luggage Compartment Lift Assembly).

LIFTGATE ASSEMBLY—FAIRMONT/ZEPHR (WAGON)

Refer to Figs. 7 and 8 for removal and installation procedures.

Removal

1. Open liftgate.
2. Remove the upper rear interior center garnish moulding.
3. Support door in open position and remove gas cylinder assist rods.
4. Close liftgate and lock.
5. From inside of vehicle remove the hinge to header roof panel attaching nut and washer assemblies.
6. Unlock liftgate and remove door from body opening.

Installation

1. Reverse above steps.

LUGGAGE COMPARTMENT LATCH AND LOCK

1. Open the luggage compartment door.
2. Remove the lock cylinder retainer screw and/or rivet. Remove the retainer, and remove the lock cylinder (Figs. 15 through 24).
3. Remove the latch attaching screws. Disconnect the electric latch wire (if so equipped), and remove the latch.
4. Connect the electric latch wire (if so equipped). Position the latch to the luggage compartment door, and install the attaching screws snug.
5. Adjust the latch as outlined under Adjustments.
6. In case of lock malfunction, the liftgate screws may be loosened by using a 7/16" open end wrench

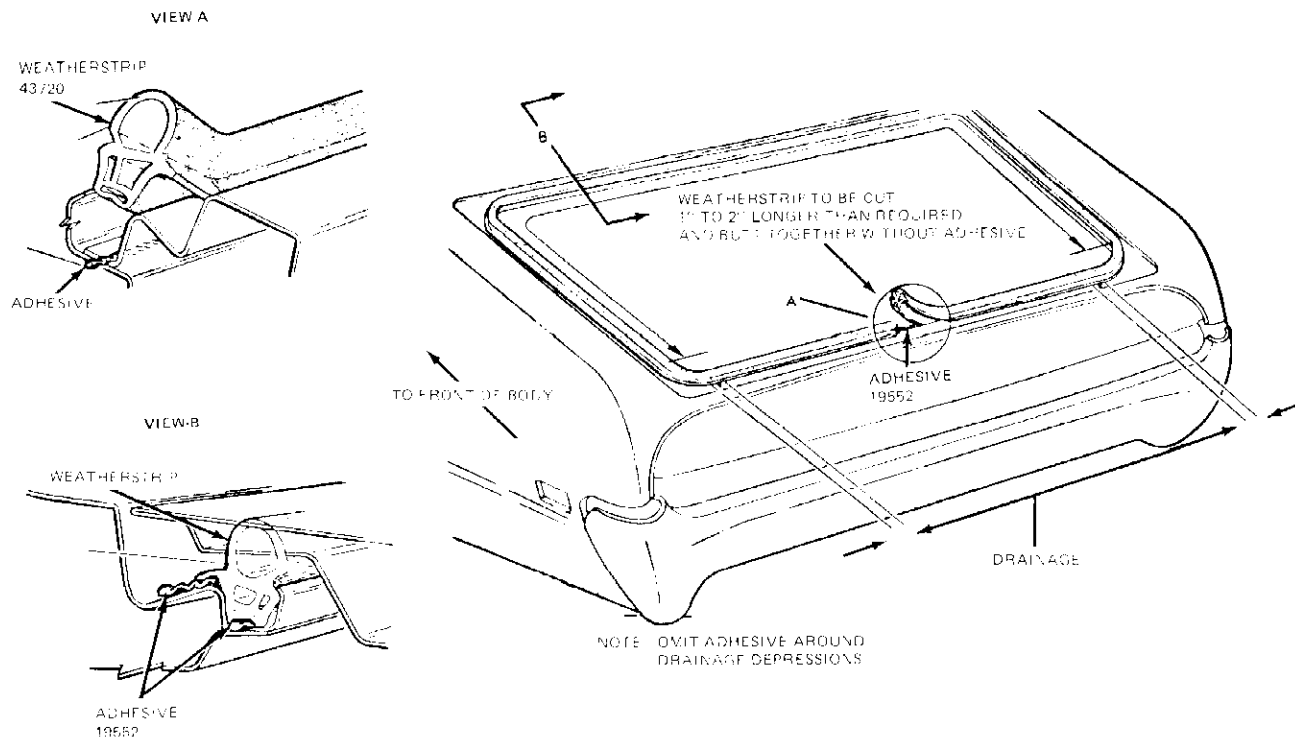


FIG. 14 Luggage Compartment Weatherstrip Installation-Typical All Models

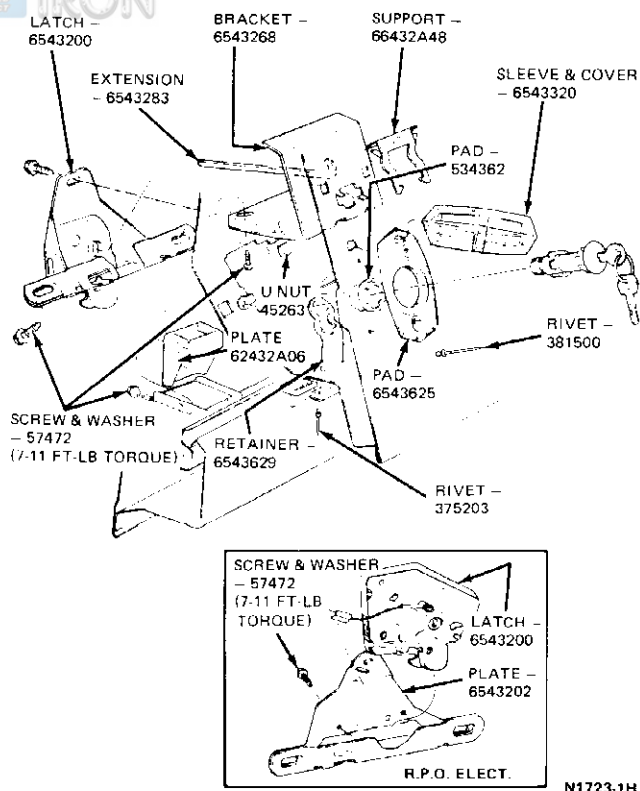


FIG. 15 Luggage Compartment Latch and Lock Continental Mark V

between the door panel and load floor (see Fig. 22, at point A).

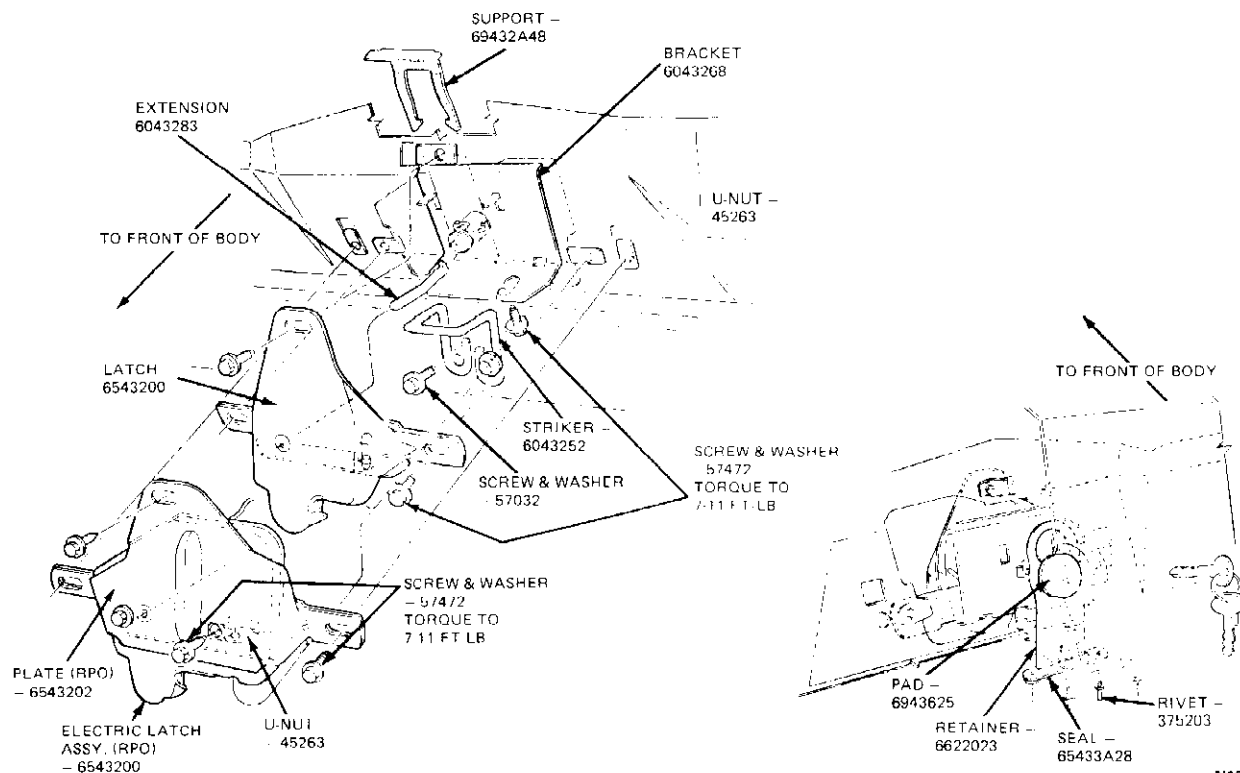


FIG. 16 Luggage Compartment Latch and Lock-Thunderbird, LTD II and Cougar

LIFTGATE HINGE (FAIRMONT/ZEPHYR)

Removal

1. Disconnect the lift assemblies from the door. Open liftgate assembly.
2. Remove the upper rear interior center garnish moulding.
3. Support door in open position and disconnect.
4. Carefully move the headliner slightly out of position to gain access to the hinge to header panel attaching nut and washer assembly and remove attaching nut.
5. Remove the hinge to liftgate attaching bolt and remove complete hinge assembly.

Installation

1. Install hinge to liftgate door and tighten attaching bolt.
2. Install hinge to roof header panel and tighten attaching nut.
3. Adjust hinge as outlined in adjustment procedures (Fig. 7).
4. Install headliner and garnish moulding.

GLOVE COMPARTMENT LOCK AND KNOB

All Models Except Pinto, Bobcat, Fairmont and Zephyr

Removal and Installation

1. Fabricate a tool from a discarded Bowden cable or equivalent wire stock, by forming a 1/4 inch hook (Fig. 25) if Tool T71P-19703-C (or equivalent) is not readily available.
2. Unlock the glove compartment door.

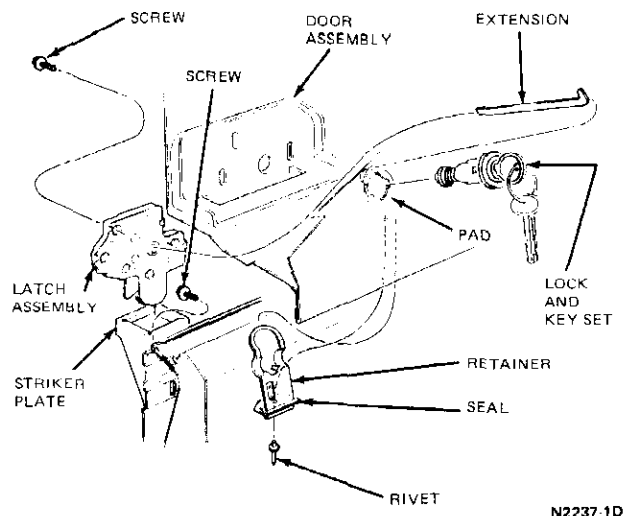


FIG. 17 Luggage Compartment Latch and Lock—Mercury

3. Insert the fabricated tool and/or Tool T71P-19703-C (or equivalent) through the key slot with the hook turned towards the center of the car.
4. Feel and engage the spring clip retainer with the tool and then pull the glove compartment knob from the lock assembly.
5. Remove the lock assembly screws and remove the lock assembly.
6. Install the new lock assembly and retaining screws (snug).
7. Push the knob on the lock assembly.
8. Adjust the lock assembly as required and tighten the retaining screws.

LIFTGAGE GAS CYLINDER ASSIST ROD

Removal

1. Open liftgate and support it.

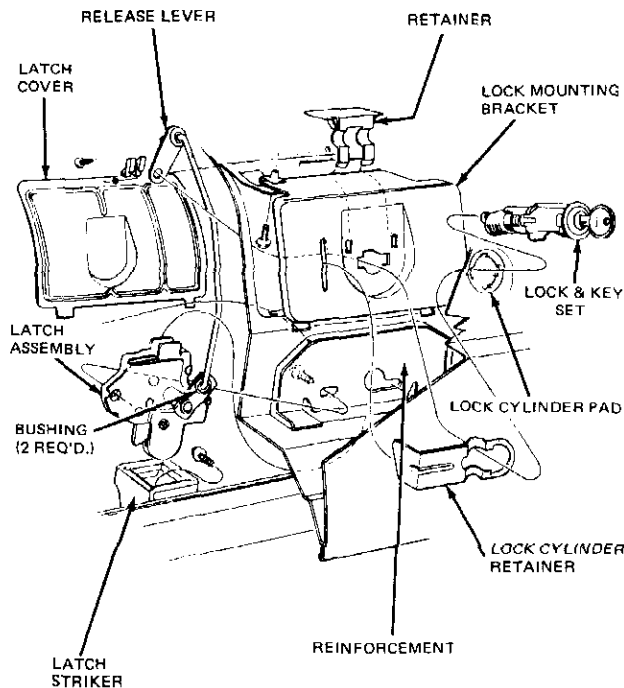
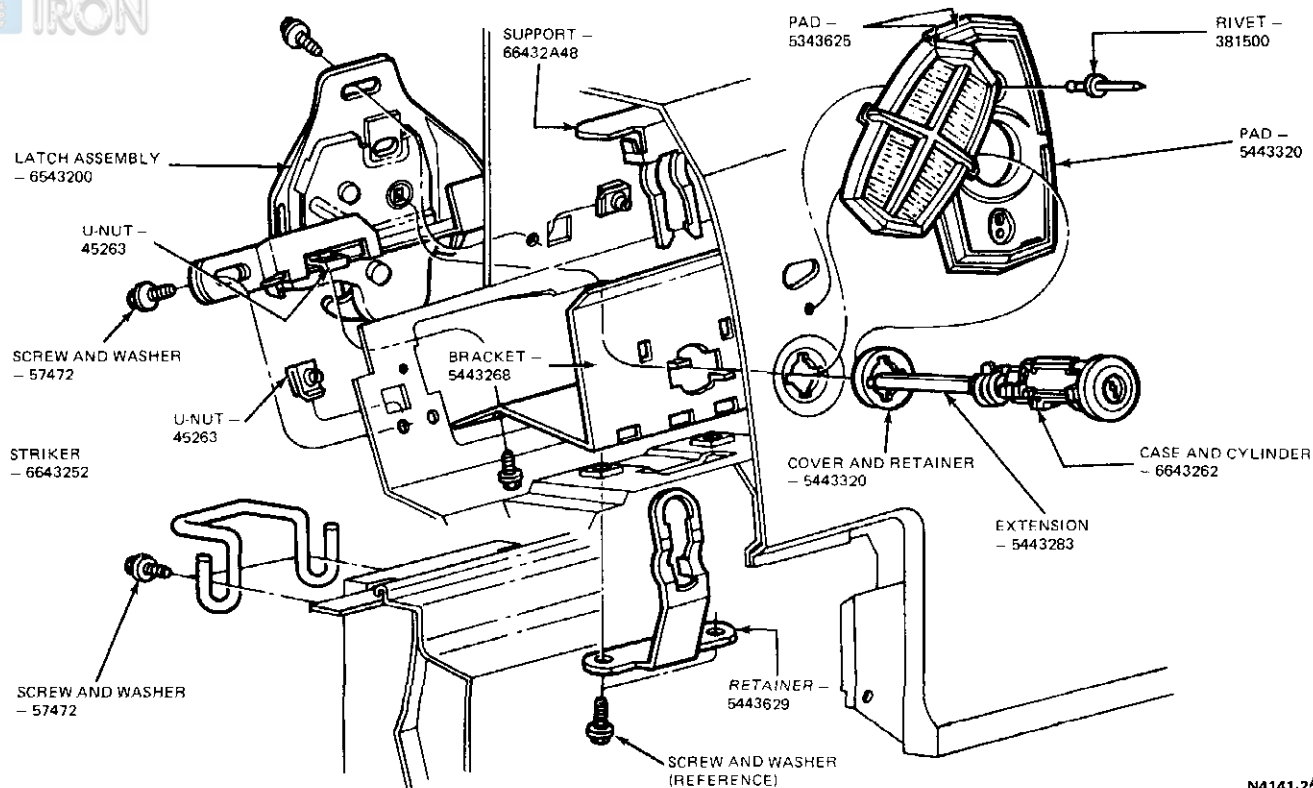


FIG. 18 Luggage Compartment Latch and Lock—Ford

2. Using small screwdriver, push locking wedge out of ball socket of lift assembly. Do the same to other end of rod.
3. Remove gas cylinder assist rod.

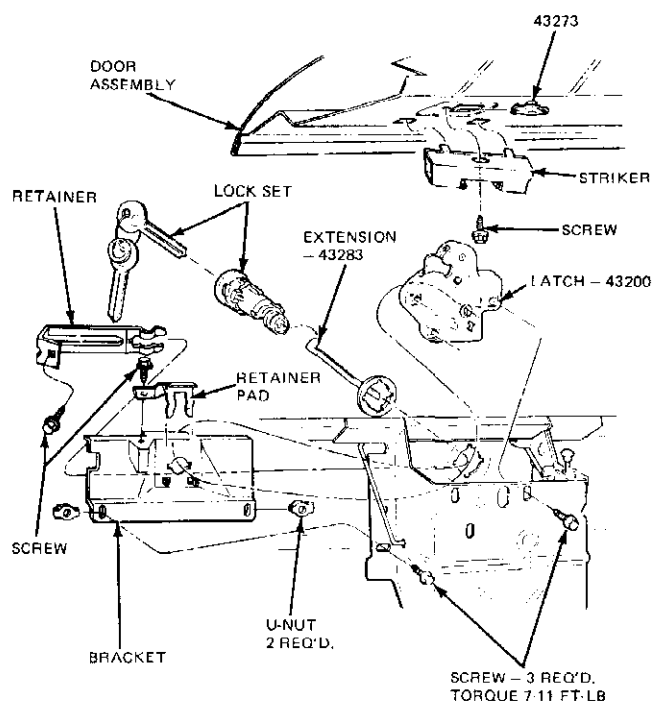
Installation

1. Install one end of lift assembly onto the ball socket. Push locking wedge to lock ball socket. Do same to other end. See Fig. 26.
2. Close liftgate. Check operation,



N4141-2A

FIG. 19 Luggage Compartment Latch and Lock—Granada, Monarch and Versailles



N2239-1E

FIG. 20 Luggage Compartment Latch and Lock—Mustang II

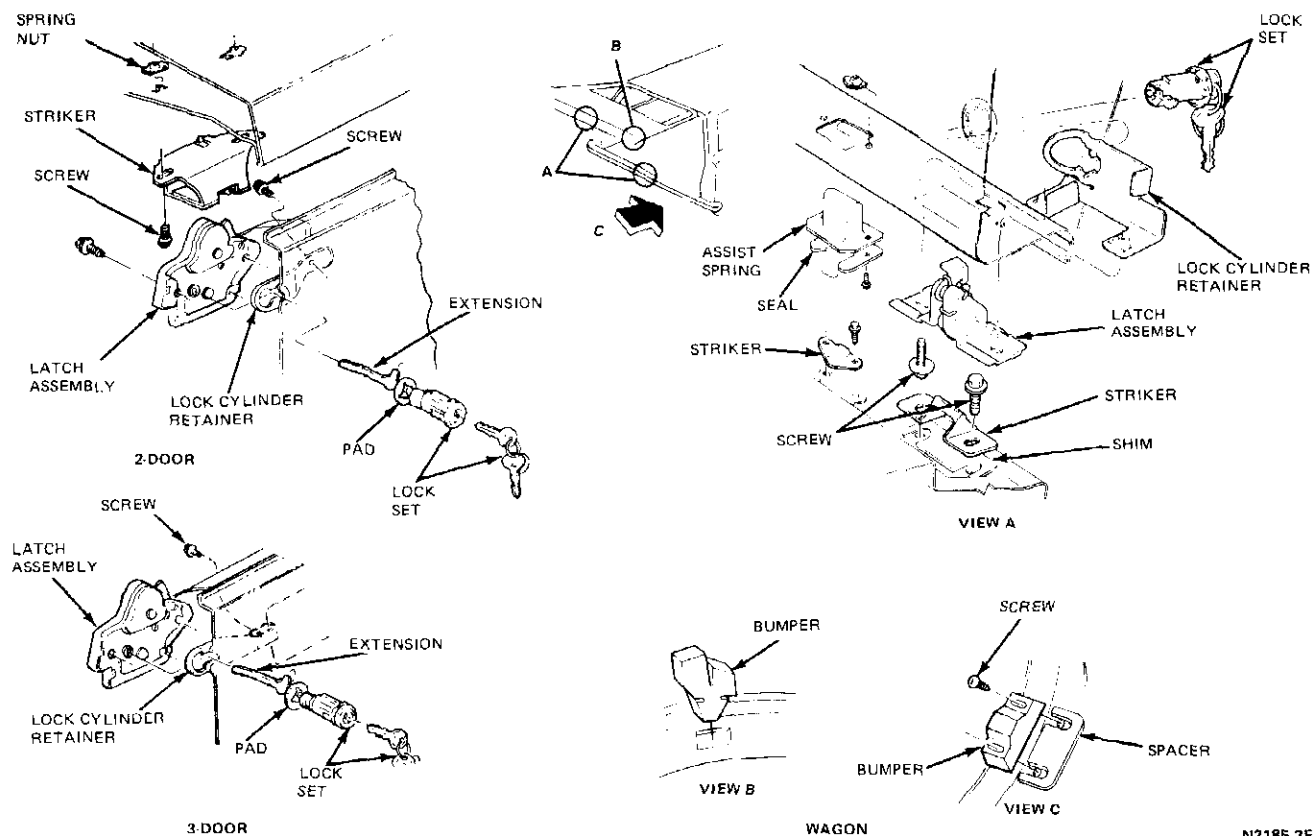


FIG. 21 Luggage Compartment Latch and Lock—Pinto and Bobcat

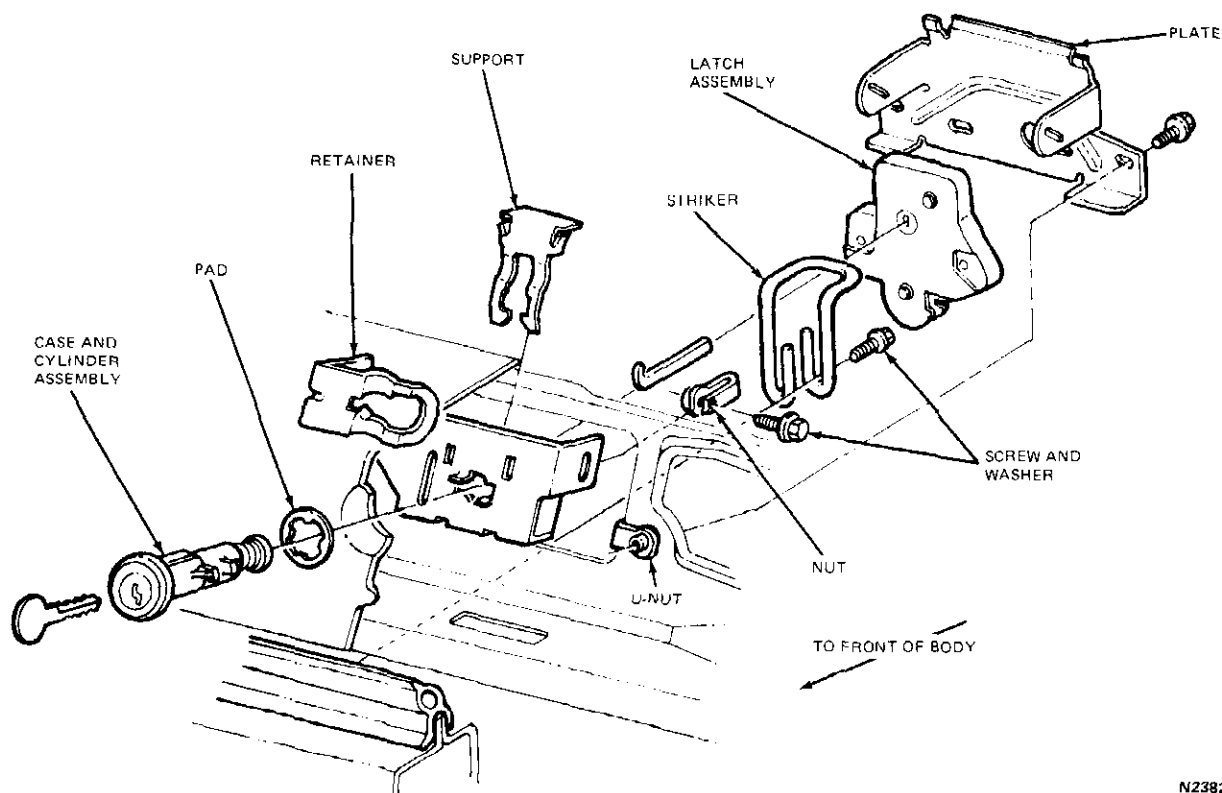


FIG. 22 Luggage Compartment Latch and Lock—Fairmont and Zephyr

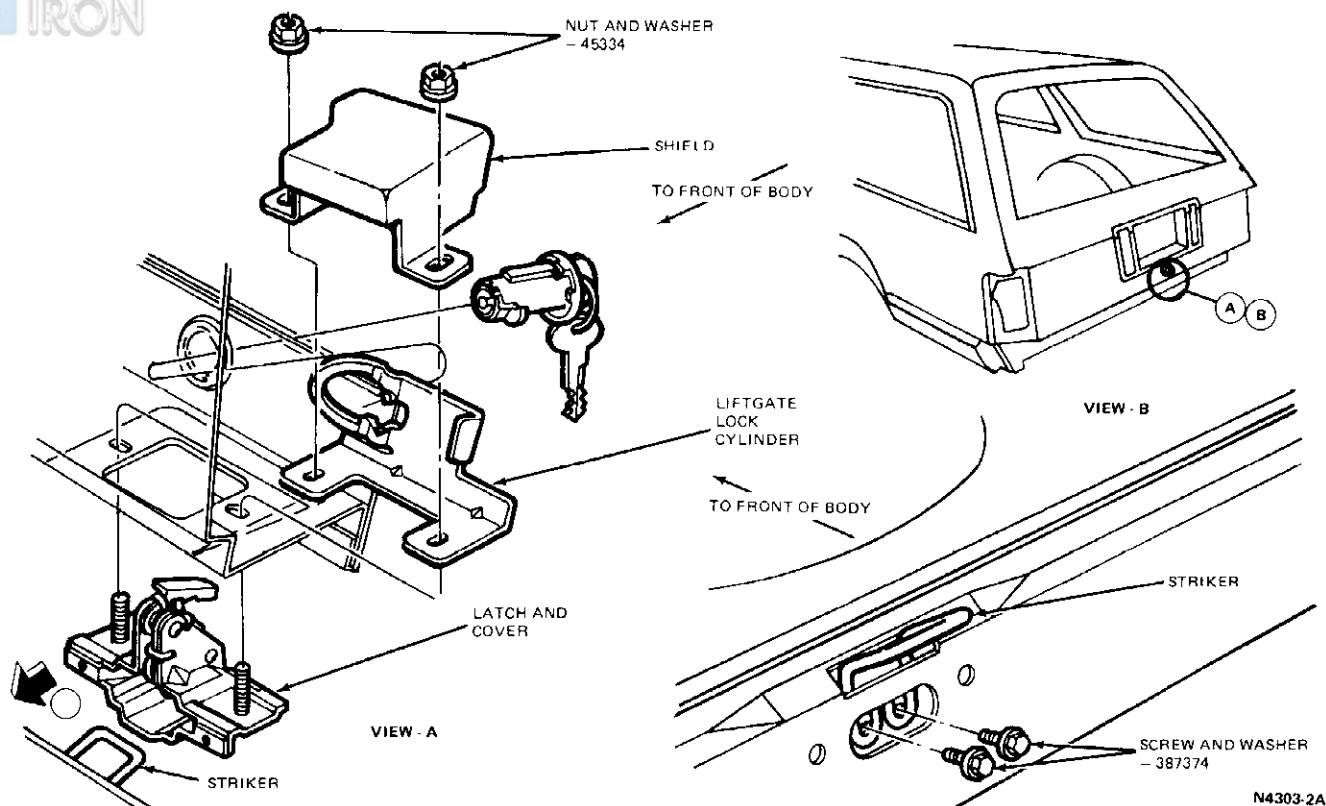


FIG. 23 Luggage Compartment Latch and Lock—Fairmont and Zephyr Station Wagon

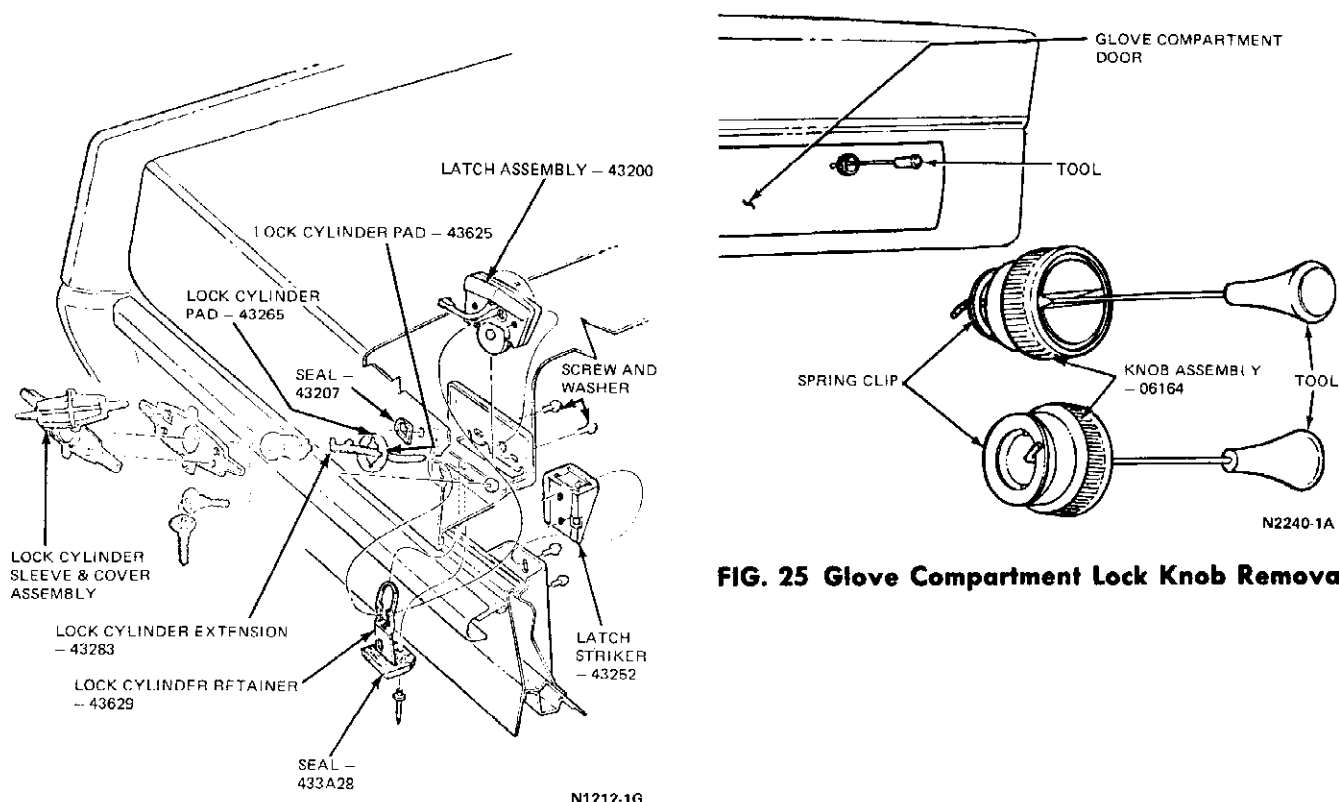


FIG. 24 Luggage Compartment Latch and Lock—Lincoln Continental

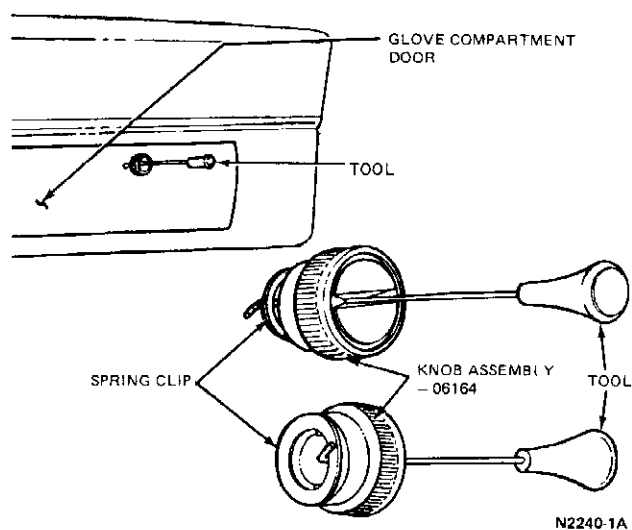


FIG. 25 Glove Compartment Lock Knob Removal

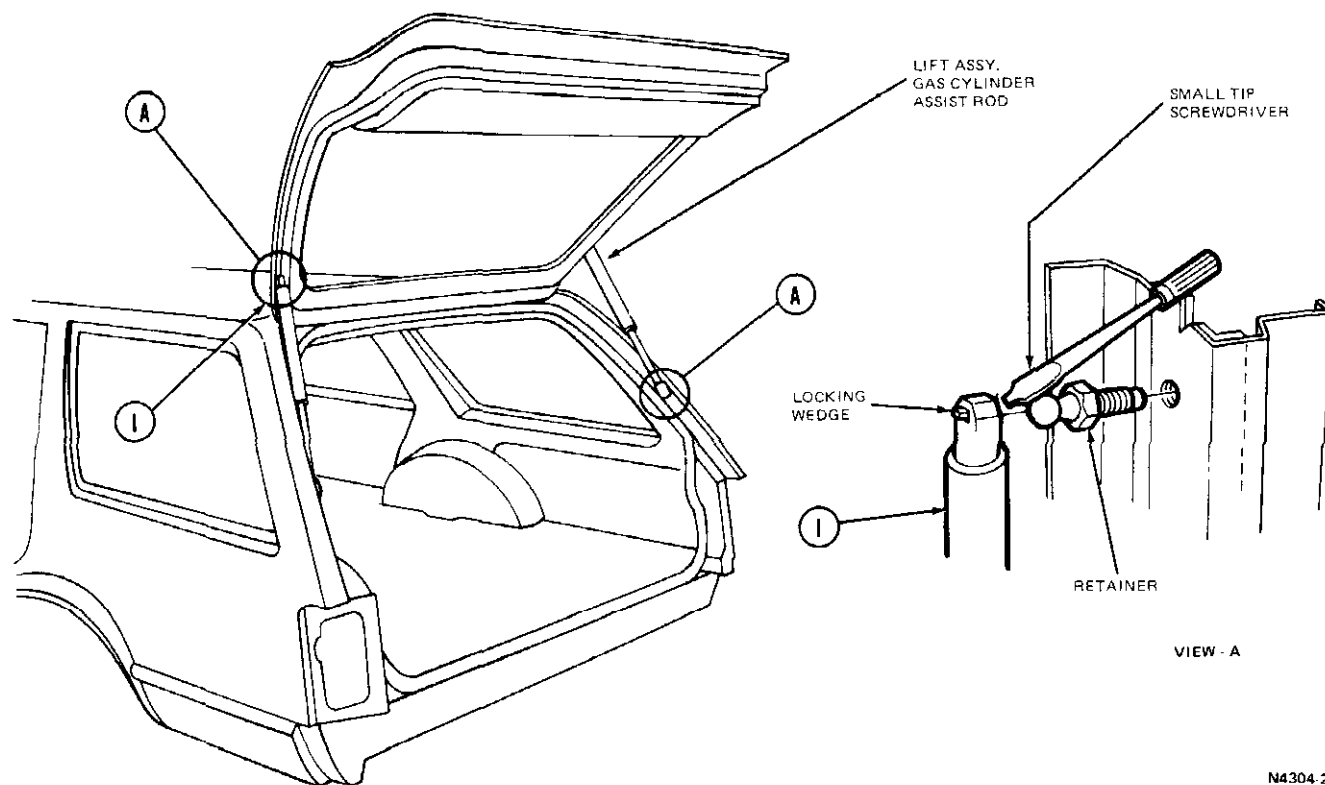


FIG. 26 Gas Cylinder Assist Rod—Fairmont and Zephyr Station Wagon

Tailgate Hinge, Latch and Lock -- Single Action Gate

PART
44-61

LTD II Ranchero Only

SUBJECT	PAGE	SUBJECT	PAGE
ADJUSTMENTS	61-1	REMOVAL AND INSTALLATION (Cont'd.)	
REMOVAL AND INSTALLATION		Hinge -- Right Side	61-1
Hinge -- Left Side	61-1	Latch	61-1

CR2039-2B

ADJUSTMENTS

TAILGATE HINGE

(Ranchero Only)

The tailgate can be adjusted fore and aft and up or down at the hinge-to-body mounting bolts.

To adjust the tailgate from side to side in the tailgate opening, remove the trim panel, loosen the hinge-to-tailgate bolts and shift the tailgate, as required.

REMOVAL AND INSTALLATION

TAILGATE HINGE—RIGHT SIDE

Removal

1. Open the tailgate and mark the hinge location on the tailgate and body.
2. Remove the tailgate trim panel, watershield and access cover.
3. Support the tailgate with a suitable prop.
4. Remove three hinge-to-body attaching bolts (Fig. 1).
5. Remove three hinge-to-tailgate retaining nuts and remove the hinge.

Installation

1. Position the hinge to the tailgate and body and install the three hinge-to-tailgate retaining nuts.
2. Install the three hinge-to-body attaching bolts.
3. Align the tailgate and tighten the hinge retaining nuts and attaching bolts.
4. Install the access cover, watershield and trim panel on the tailgate.

TAILGATE HINGE—LEFT SIDE

Removal

1. Open the tailgate and mark the hinge location on the tailgate and body.
2. Remove the tailgate trim panel, watershield and access cover.
3. Retain the torsion bar in the tension position with a deep socket and an extension.
4. Remove the torsion bar retainer bracket attaching screws. Then, release the torsion bar tension and remove the bracket and retainer (Fig. 1).

5. Support the tailgate with a suitable prop.
6. Remove three hinge-to-body attaching bolts and disconnect one end of the cable assembly (Fig. 1).
7. Remove three hinge-to-tailgate retaining nuts and remove the hinge.

Installation

1. Position the hinge to the tailgate and install the three hinge-to-tailgate retaining nuts.
2. Install the three hinge-to-body attaching bolts and the end of the cable assembly.
3. Align the tailgate and tighten the hinge retaining nuts and attaching bolts.
4. Apply tension to the torsion bar and install the torsion bar bracket and retainer.
5. Install the access cover, watershield, and trim panel on the tailgate.

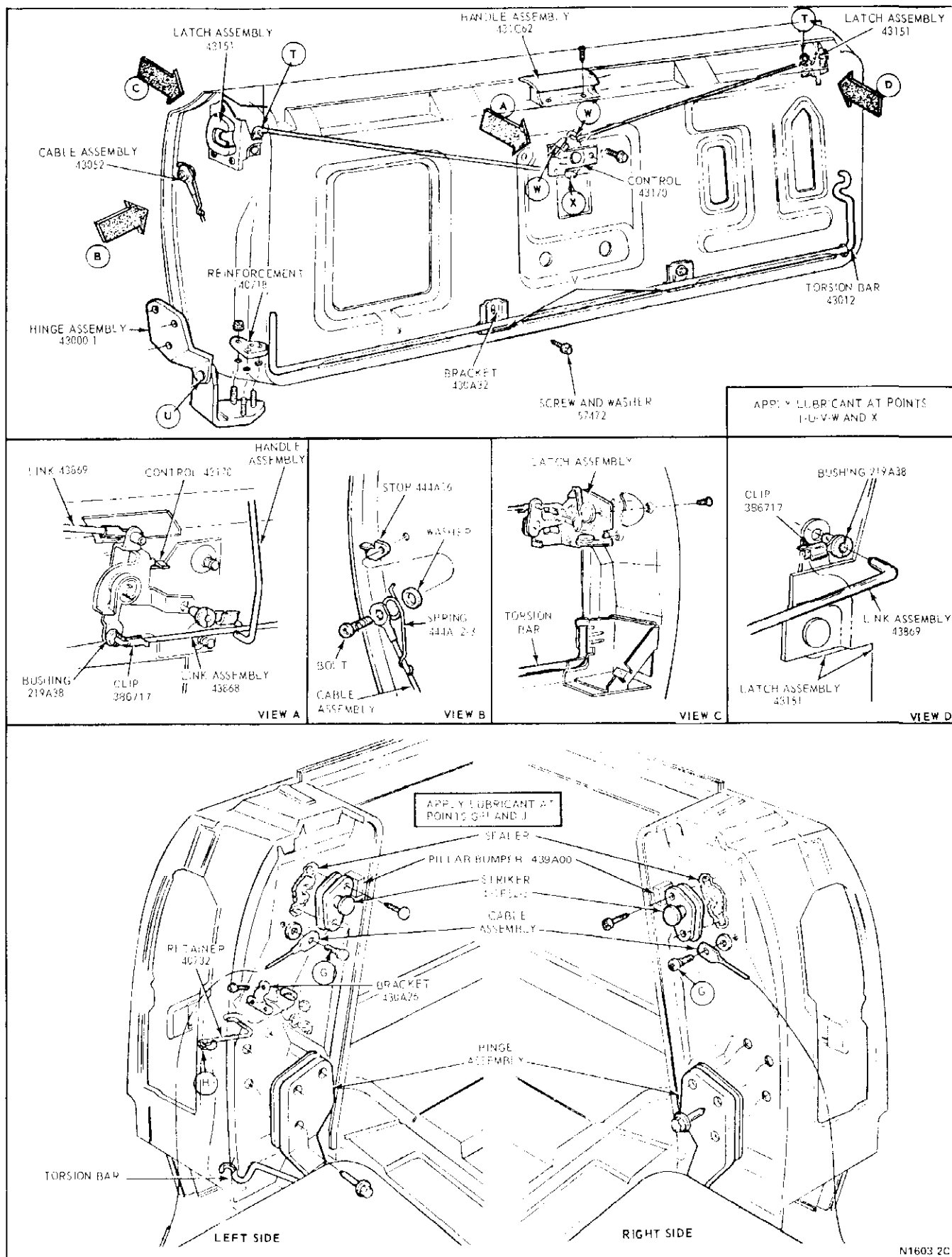
TAILGATE LATCH

Removal

1. Open the tailgate and remove the tailgate trim panel.
2. Disconnect the latch release link from the latch (Fig. 1).
3. Remove three latch attaching screws and remove the latch.

Installation

1. Position the latch in the tailgate and install the three attaching screws.
2. Connect the latch release link to the latch and snap the link retainer onto the link.
3. Install the tailgate trim panel.



N1603 2C

FIG. 1 Tailgate Latch Mechanism—Single Action Gate

Tailgate, Hinge, Latch, Lock and Weatherstrip -- Dual Action Gate

PART
44-76

Ford and Mercury Only

SUBJECT	PAGE	SUBJECT	PAGE
ADJUSTMENTS		REMOVAL AND INSTALLATION (Cont'd.)	
Tailgate Striker	76-2	Tailgate Lower Latch	76-3
Upper Hinge and Latch Release		Tailgate Outside Handle	76-4
Link Adjustment	76-2	Tailgate Upper Latch	76-3
Upper Latch-To-Lower Latch		Tailgate Window Limit Switch	76-3
Link Adjustment	76-1	Tailgate Window Switch	76-4
REMOVAL AND INSTALLATION		Torsion Bar	76-2
Lower Hinge	76-2	Upper Hinge	76-2
Tailgate Latch Release Control	76-4	Weatherstrips	76-4

CR2020-2B

ADJUSTMENTS

UPPER LATCH-TO-LOWER LATCH LINK ADJUSTMENT

Ford, Mercury

Place tailgate latches in the closed (latched) position (Fig. 1). Disconnect the upper latch-to-lower latch link from the lower latch. Then, adjust the upper latch-to-

lower latch link to engage with the lower latch with no load on the link.

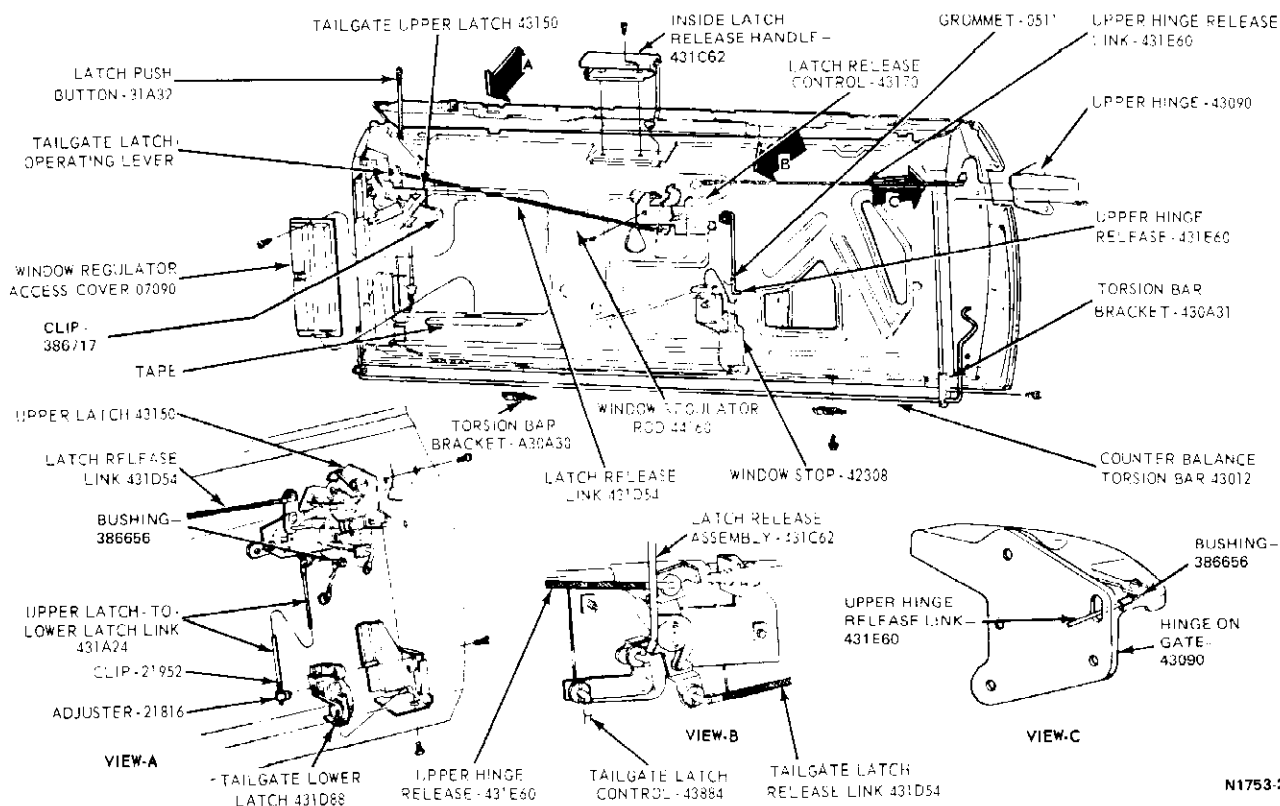


FIG. 1 Tailgate Latch Mechanism—Ford and Mercury

To check the adjustment, the upper latch must not close when the lower latch is in the OPEN position. The upper and lower latches must open at the same time when the outside handle is operated.

UPPER HINGE AND LATCH RELEASE LINK ADJUSTMENT

Loosen the latch release control attaching screws (Fig. 1), and close the upper latch. Position the latch release handle against the rubber stops. Then, move the latch release control down and rotate the control clockwise (bottom toward the latch) until slack is removed from the links. Then, tighten the latch release control attaching screws.

Adjustment Check

1. The electric window regulator must not operate when the latch release control is in the released position.
2. The inside release handle must not operate when the window is down and the upper latch is locked by either the key or the inside push button.

TAILGATE STRIKER

Fore and aft and up and down adjustment of the strikers is accomplished by means of square holes in the pillar, backed by floating tapping plates. Lateral

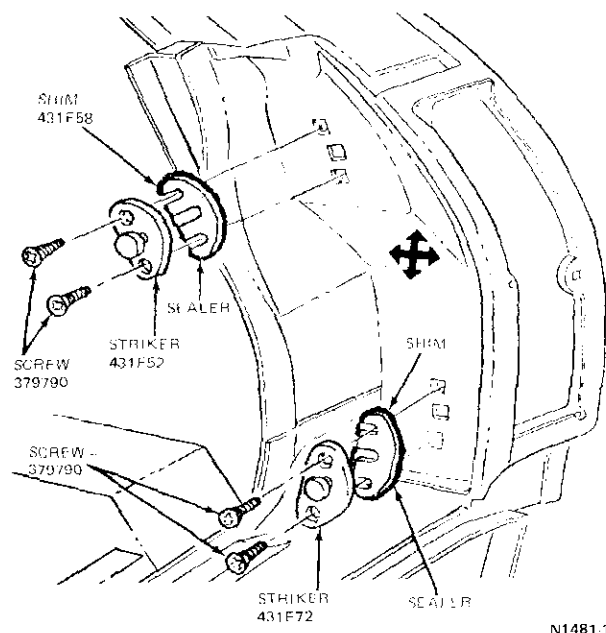


FIG. 2 Tailgate Striker Adjustment—Typical

adjustment is accomplished by adding or removing shims (Fig. 2).

REMOVAL AND INSTALLATION

LOWER HINGE

Ford, Mercury

Removal

1. Open the tailgate as a drop gate and place a support under the tailgate.
2. Remove the tailgate inside cover and watershield.
3. Remove the wire clip from the hinge.
4. Remove the torsion bar retainer bracket (Fig. 3). **Use caution when working with the torsion bar as the bar is under tension when installed.**
5. Latch the upper tailgate latch by hand (Fig. 1).
6. Move the tailgate glass to the up position. Be sure to support the glass.
7. Mark the location of the hinge and remove four nuts retaining the hinge to the tailgate.
8. Remove four hinge-to-body attaching bolts (Fig. 3), remove the hinge.

Installation

1. Position the hinge to the body and tailgate, and install the retaining nuts and attaching bolts.
2. Position the torsion bar and retainer to the body with a pipe wrench and install the retainer bracket attaching screws.
3. Install the wire clip on the hinge.
4. Adjust the tailgate and tighten the attaching bolts and retaining screws.
5. Install the watershield and tailgate inside cover.

UPPER HINGE ON GATE

Ford, Mercury

Removal

1. Remove three screws attaching the upper hinge to the tailgate (Fig. 1).
2. Rotate the hinge off of the upper hinge release link.
3. Remove the link bushing from the hinge.

Installation

1. Install the link bushing on the hinge.
2. Rotate the hinge onto the upper hinge release link.
3. Position the hinge to the tailgate and install the three attaching screws.

TORSION BAR

Ford and Mercury

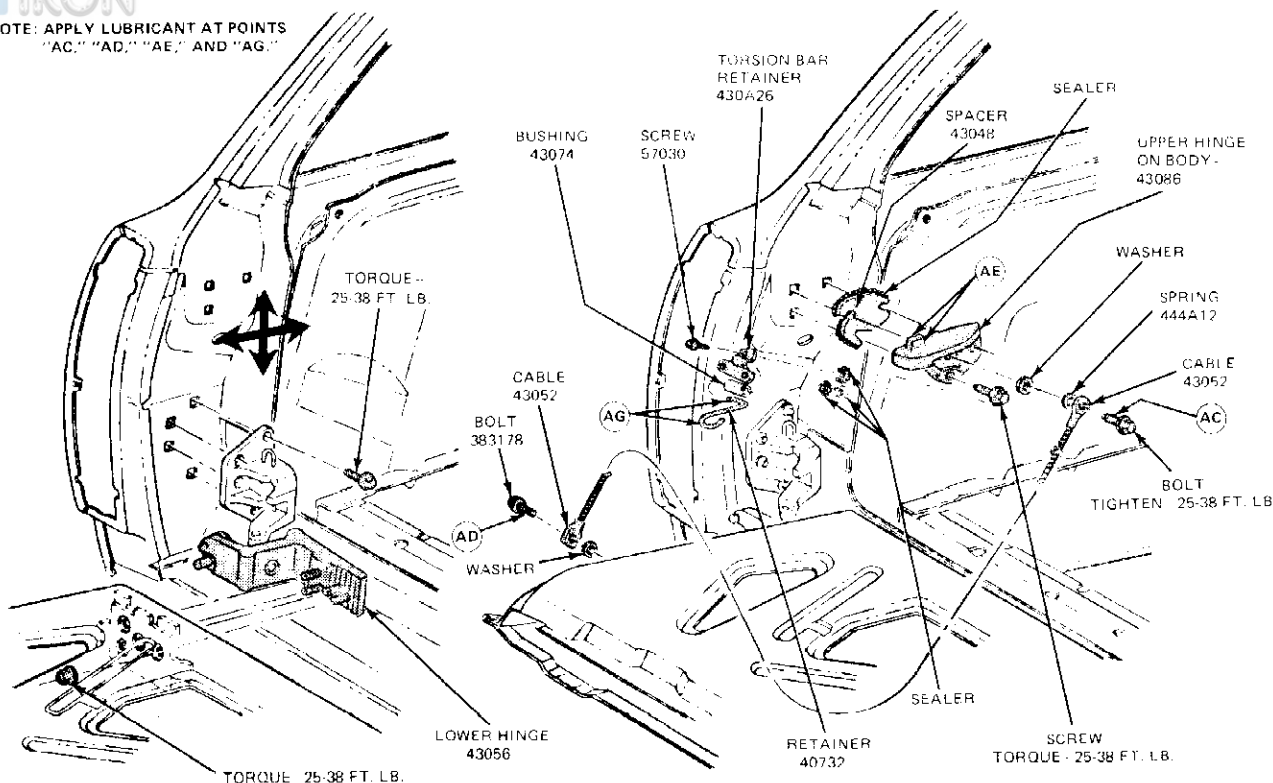
Removal

1. Open the tailgate as a door and remove two brackets retaining the torsion bar to the bottom of the tailgate (Fig. 1).
2. Remove the two torsion bar bracket retaining screws from the left end of the tailgate (Fig. 1).
3. Remove the torsion bar from the tailgate, and remove the bracket from the torsion bar.

Installation

1. Position the bracket on the torsion bar.
2. Position the torsion bar to the tailgate. Be sure to engage the torsion bar retainer (Fig. 3).

NOTE: APPLY LUBRICANT AT POINTS "AC," "AD," "AE," AND "AG."



N1754-2C

FIG. 3 Tailgate Hinges—Ford and Mercury Shown

3. Install the two bracket retaining screws.
4. Install the two brackets retaining the torsion bar to the bottom of the tailgate.

TAILGATE UPPER LATCH

Ford, Mercury

Removal

1. Remove the tailgate inside cover and watershield.
2. Disconnect the power lock actuator link from the latch, if so equipped.
3. Disconnect the two links with double 90 degree ends from the clips on the other end of the link.
4. Remove the tailgate (Fig. 1) power door lock actuator.
5. Remove three latch attaching screws and remove the latch.
6. Transfer the rods and clips to the new latch. Be careful to put the rods and clips into the same side of the lever.

Installation

1. Position the latch in the tailgate and install the three attaching screws.
2. Install the tailgate power lock actuator.
3. Connect the rods to the connecting components.
4. Install the watershield and inside cover on the tailgate.

TAILGATE LOWER LATCH

Removal

1. Remove the interior trim panel and access cover from the tailgate.

2. Disconnect the latch actuator link from the lower latch (Figs. 1 and 2).
3. Remove three lower latch attaching screws and remove the lower latch from the tailgate.

Installation

1. Install a new retainer clip in the lower latch.
2. Position the lower latch to the tailgate and install the three attaching screws.
3. Adjust and connect the latch actuator link to the lower latch.
4. Adjust the lower latch striker, if necessary.
5. Install the access cover and trim panel on the tailgate.

TAILGATE WINDOW LIMIT SWITCH

Ford, Mercury

Removal

1. Remove the tailgate inside cover and watershield.
2. Remove the wiring connector from the limit switch.
3. Remove the rubber boot from the switch plunger and unscrew the limit switch from the mounting bracket.

Installation

1. Assemble the limit switch to the bracket (mounting) finger tight.
2. Install the rubber boot over the switch plunger and threaded portion of switch shell.
3. Connect wiring connector to switch.
4. Install the watershield and inside cover on the tailgate.

TAILGATE WINDOW SWITCH

Ford and Mercury

Removal

1. Remove the tailgate inside cover and watershield.
2. Disconnect the tailgate latch rod from the switch (Fig. 4).
3. Remove the lock set retainer (Fig. 4).
4. Disconnect the switch wires and remove the wire clips. Then, remove the switch and wire assembly from the tailgate.

Installation

1. Position the switch and wire assembly in the tailgate. Connect the wires and install the wire clips.
2. Position the switch to the lock cylinder and install a new retainer and clip (Fig. 4).
3. Connect the tailgate latch rod to the switch.
4. Install the watershield and inside cover on the tailgate.

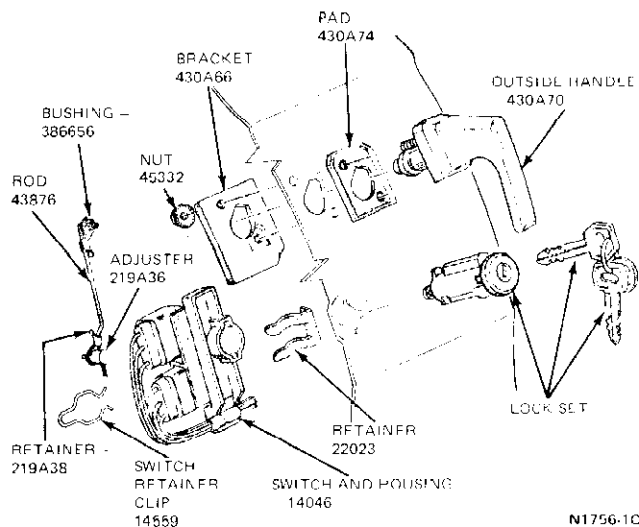


FIG. 4 Tailgate Window Switch—Ford and Mercury

TAILGATE OUTSIDE HANDLE

Ford and Mercury

1. Remove the inside tailgate trim panel.
2. Remove the access hole cover.
3. Disconnect the handle retaining nuts and remove the handle.

Tailgate Lock Cylinder

Removal

1. Remove the tailgate inside trim panel.

2. Remove the access hole cover.
3. Remove the lock cylinder clip and the switch retainer from the lock cylinder (Fig. 4).
4. Remove the lock cylinder from the tailgate.

Installation

1. Insert the lock cylinder into the tailgate and switch and housing assembly (Fig. 4).
2. Install the lock cyl. retainer and the switch retainer clip.
3. Install the tailgate inside access hole cover and trim panel.

TAILGATE LATCH RELEASE CONTROL

Removal

1. Remove the interior trim panel from the tailgate.
2. Raise the glass part way out of the tailgate.
3. Disconnect the rods from the latch release control (Fig. 1).
4. Disconnect the wiring connector from the limit switch.
5. Remove three latch release control attaching screws, and remove the control from the tailgate.
6. Transfer the limit switch to the new control assembly.

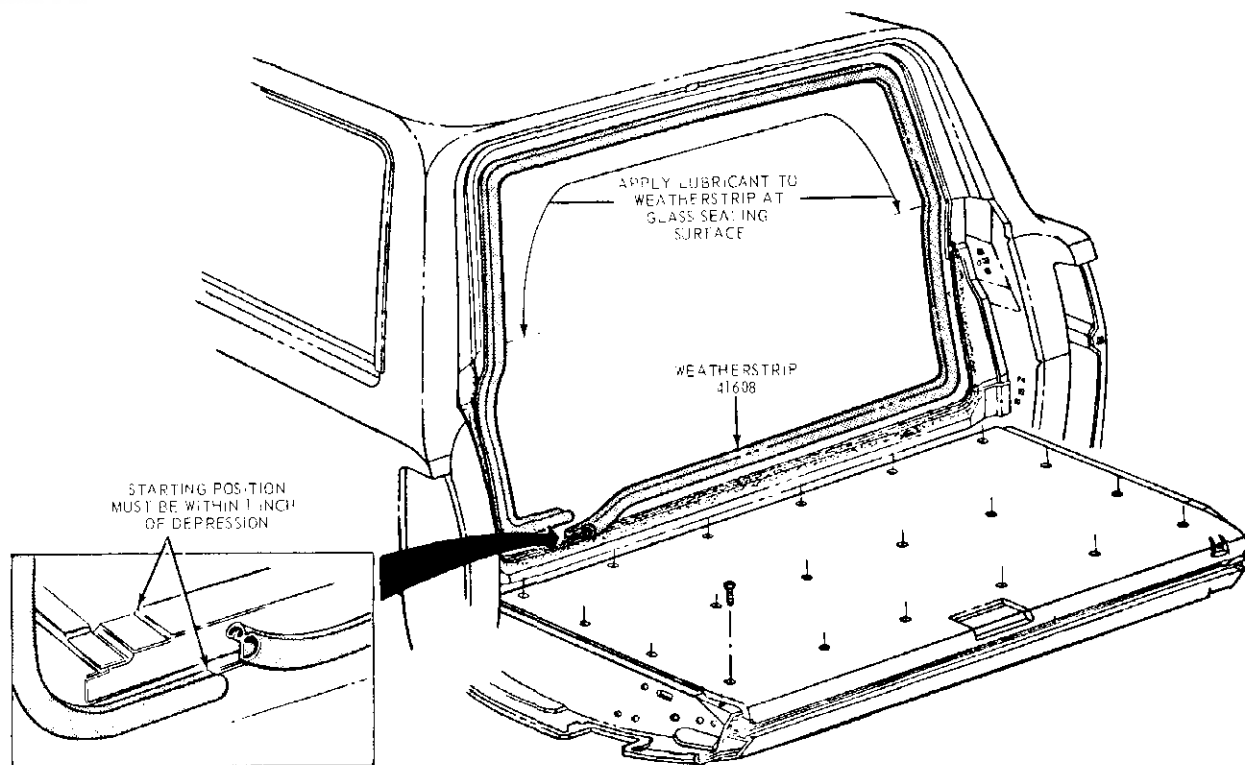
Installation

1. Position the latch release control to the tailgate and install the three attaching screws snug.
2. Connect the rods to the latch release control.
3. Connect the wiring connector to the limit switch.
4. Lower the glass and adjust the latch release control and tighten the attaching screws.
5. Install the trim panel on the tailgate.

WEATHERSTRIPS

All weatherstrips should be trimmed to obtain a good butt joint.

The tailgate weatherstrip is shown in Fig. 5. Apply adhesive (19552 or equivalent) where required for weatherstrip retention. On Ford and Mercury models, before removing the weatherstrip, remove any trim panels necessary to assure proper seating of new weatherstrip. Start the weatherstrip installation on the left side of the tailgate opening as shown in Fig. 5.



N2388-2B

FIG. 5 Tailgate Weatherstrip and Inside Cover Assembly—Ford and Mercury

INTERIOR TRIM

**GROUP
45
(70000)**

PART TITLE	PART NO.
Carpets and Floor Mats	45-26
Door and Quarter Trim Panels	45-03
Floor Console	45-31
Headlining	45-41

PART TITLE	PART NO.
Instrument Panel Pad	45-61
Interior Mouldings	45-16
Rear Package Tray	45-21

CR2006-2B

Interior Trim

**PART
45-03**

SUBJECT	PAGE
REMOVAL AND INSTALLATION	
Center Pillar and Quarter Trim Panels	03-13
Door Trim Panels	03-1
Quarter Trim Panel — Two-Door Models	03-1

SUBJECT	PAGE
Quarter Trim Panel — Station Wagon	03-13
Roof Side Trim Panels	03-11

CR2042-2B

REMOVAL AND INSTALLATION

DOOR TRIM PANELS

The following door and quarter trim panel removal and installation procedures generally apply to all car lines. **If some of the steps do not apply to the particular vehicle being serviced, proceed to the next step.** See Figs. 1 through 9.

1. Remove the door lock pushbutton control knob and garnish moulding.
2. Remove the window regulator handle retaining screw access cover (if so equipped) and remove the screw and regulator handle.
3. Remove the door latch handle retaining screw access cover (if so equipped) and remove the screw(s) from the door latch handle.
4. Remove the screws from the armrest door pull cup area (if so equipped).
5. Remove the retaining screws from the armrest assembly, disconnect switch wiring (if so equipped) and remove the armrest.
6. Remove the mirror remote control bezel nut.
7. Remove the door trim panel retaining screws.
8. With a putty knife or similar tool, pry the trim panel retaining clips from the door inner panel.
9. Disconnect all wiring (if so equipped) and remove the trim panel.
10. If the trim panel and/or the arm rest is to be replaced, transfer the pull handle pop rivets and/or retaining screws and retaining clips to the new assembly. If the watershield has been removed, be sure to position it correctly in place before installing

the trim panel. Be sure that the armrest retaining clips are properly positioned on the door inner panel. If they have been dislodged, they must be reinstalled before installing the watershield.

11. Position the trim panel to the door inner panel and connect the wiring (if so equipped) and route the mirror control cable through the hole.
12. Push the trim panel and retaining clips into the inner door panel holes and install the retaining screws.
13. Install the remote control mirror bezel nut.
14. Position the armrest to the trim panel, connect the wiring (if so equipped) and install the retaining screws.
15. Install the armrest finish panel (if so equipped).
16. Position the door latch and window regulator handles and install the retaining screw(s).
17. Clean old cement from the handle access covers with naphtha. Use a 1 3/4 x 3/8 inch tape such as 3M No. Y9122 or equivalent and cement the cover(s) back in place.
18. Install the garnish moulding and door lock pushbutton control knob.

QUARTER TRIM PANEL—TWO-DOOR MODELS

FORD, MERCURY, LTD II, COUGAR AND THUNDERBIRD
Removal

Basically, all quarter trim panels, except Ford and Mercury, are retained in the same manner. In view of this, one removal and installation procedure will cover

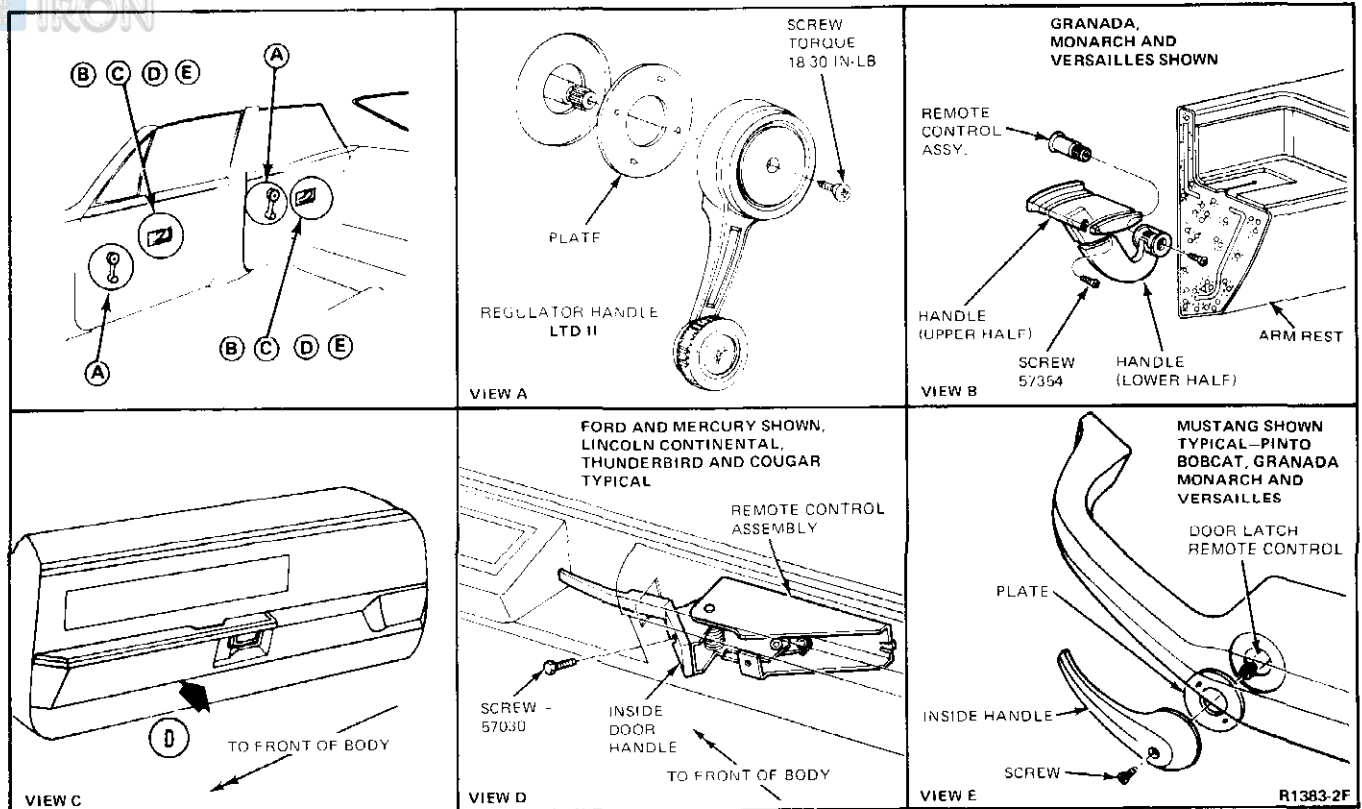


FIG. 1 Typical Door and Window Regulator Handle Installation

all models. The top of the Ford (2-door only) quarter trim panel is retained by four (4) "J" clips which are pop riveted to the roof side trim panel.

1. Remove the rear seat cushion and back assemblies. See Group 41.
2. Remove any screws retaining the trim panel to the inner panel, armrest retaining screws, garnish moulding retaining screws and the door sill step plate rear screw.
3. Then, with a putty knife pry the trim panel retaining clips from the quarter inner panel and remove the panel.

Installation

1. Position the trim panel to the quarter panel. Then, snap the retaining clips in the holes.
2. Install the trim panel attaching screw(s).
3. Install the armrest.
4. Install the rear seat cushion and back assemblies. GRANADA, MONARCH, VERSAILLES, FAIRMONT, ZEPHYR, MUSTANG II, BOBCAT AND PINTO—EXCEPT STATION WAGON

Removal

1. Open the luggage compartment door and lower the rear seat on 3-Door Models. On 2-Door Models, remove the rear seat cushion and seat back (Group 41).
2. Remove the door sill scuff plate.
3. Remove the seat belt retractors from the door sill (Group 41).
4. Remove the trim panel attaching screws (Figs. 12, 13, 14 and 15).

5. Push the trim panel forward and away from the installed position. Remove the bezel from the rear seat belt opening in the trim panel, and remove the belt from the opening. On Mustang II, unsnap shoulder belt lower bezel and slide belt out through upper bezel opening. Then, remove the trim panel.

Installation

1. Position the trim panel in the vehicle. Insert the rear seat belt through the opening and install the bezel. Slide the shoulder belt into the opening and install the bezels on Mustang II Models.
2. Position the trim panel to the quarter and install the attaching screws.
3. Install the seat belt retractors in the door sill, and install the door sill scuff plate.
4. Install the rear seat back and seat cushion on 2-Door Models.

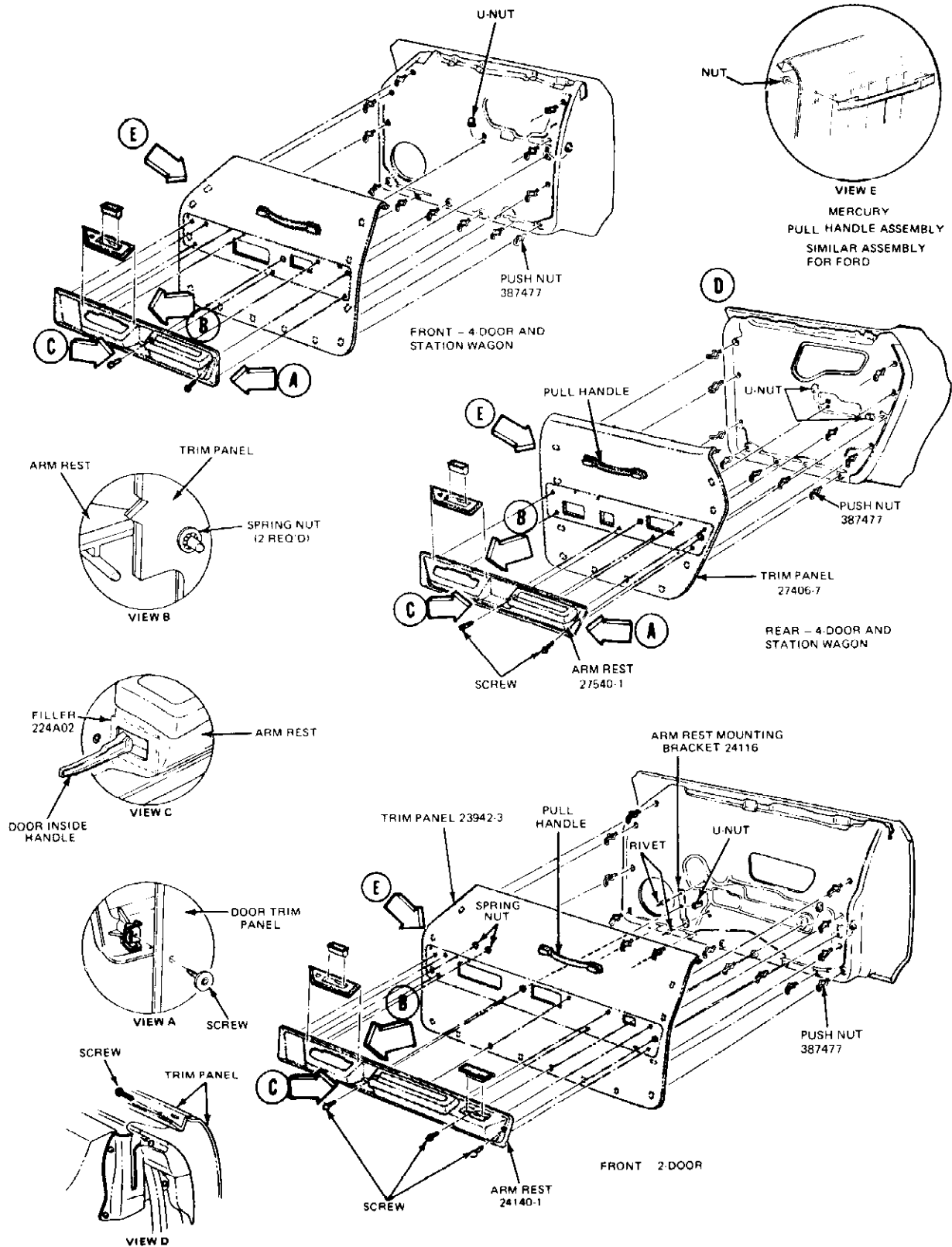
CONTINENTAL MARK V

Removal

1. Remove the rear seat cushion and back assembly (Group 41).
2. Pry up on the armrest assembly (Fig. 17) and disengage it from the retaining clips (five).
3. Remove the lower quarter trim panel retaining screws and the retaining screw at the rear of the step plate.
4. Remove the lower quarter trim panel.

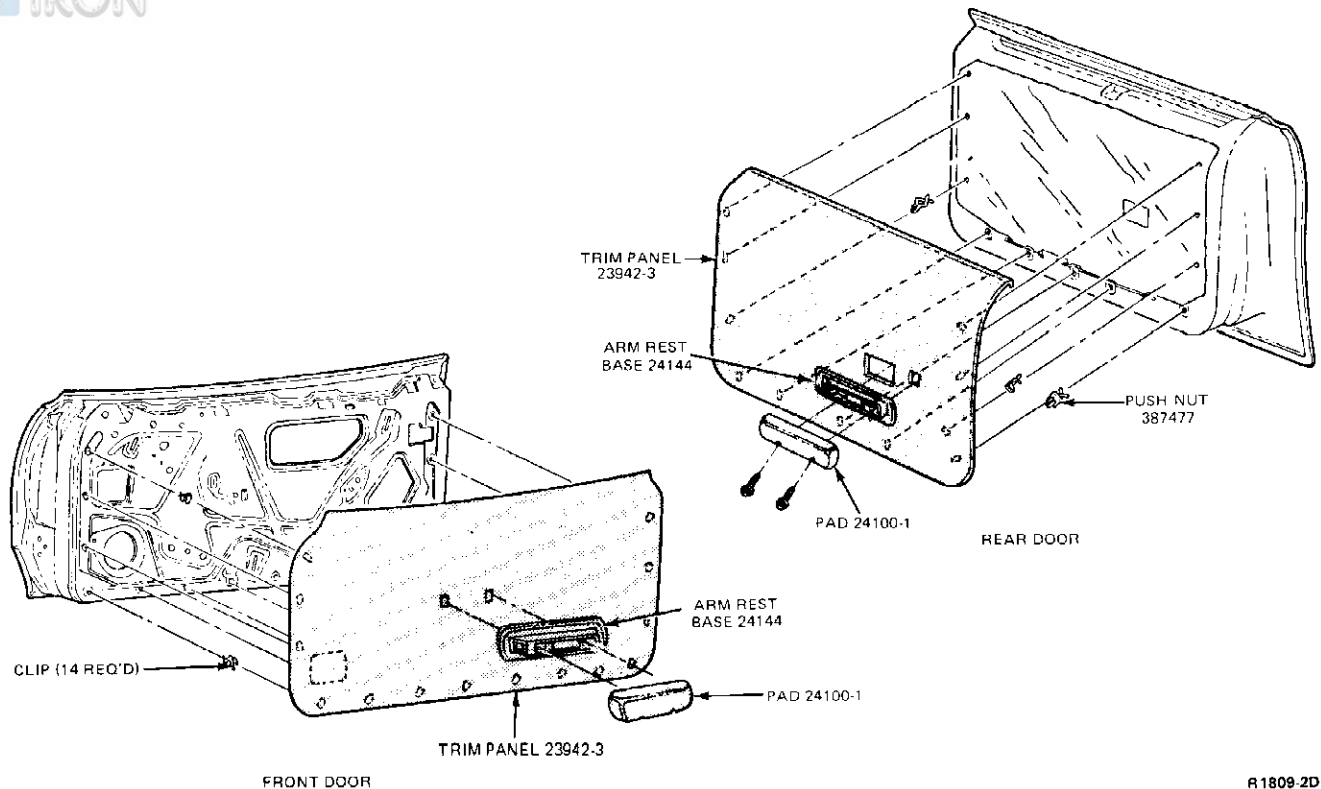
Installation

1. Position the quarter trim panel to the quarter panel and connect the power window wires. Then, snap



R1394-2J

FIG. 2 Door Trim Panel Installations—Ford and Mercury



R1809-2D

FIG. 3 Door Trim Panel Installation—Thunderbird, LTD II and Cougar

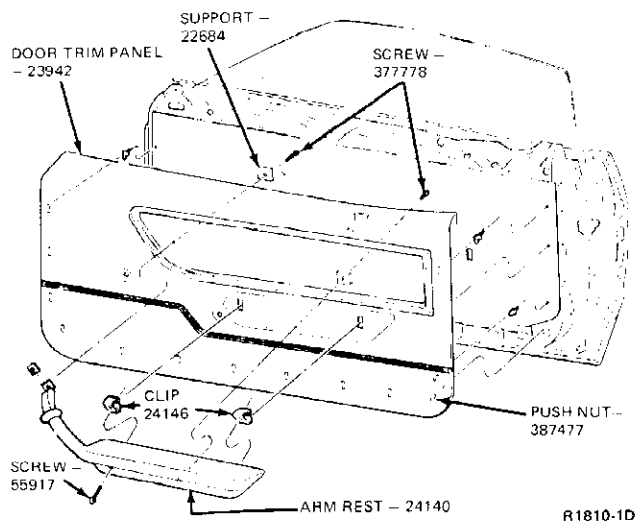


FIG. 4 Door Trim Panel Installation (Luxury Trim)—Mustang II

- in the retainers and clips together with the attaching screws.
2. Position the roof side trim panel and retain with clips and screws.
3. Push armrest assembly firmly in place until retained by five retaining clips.
4. Install rear seat cushion and back assembly.

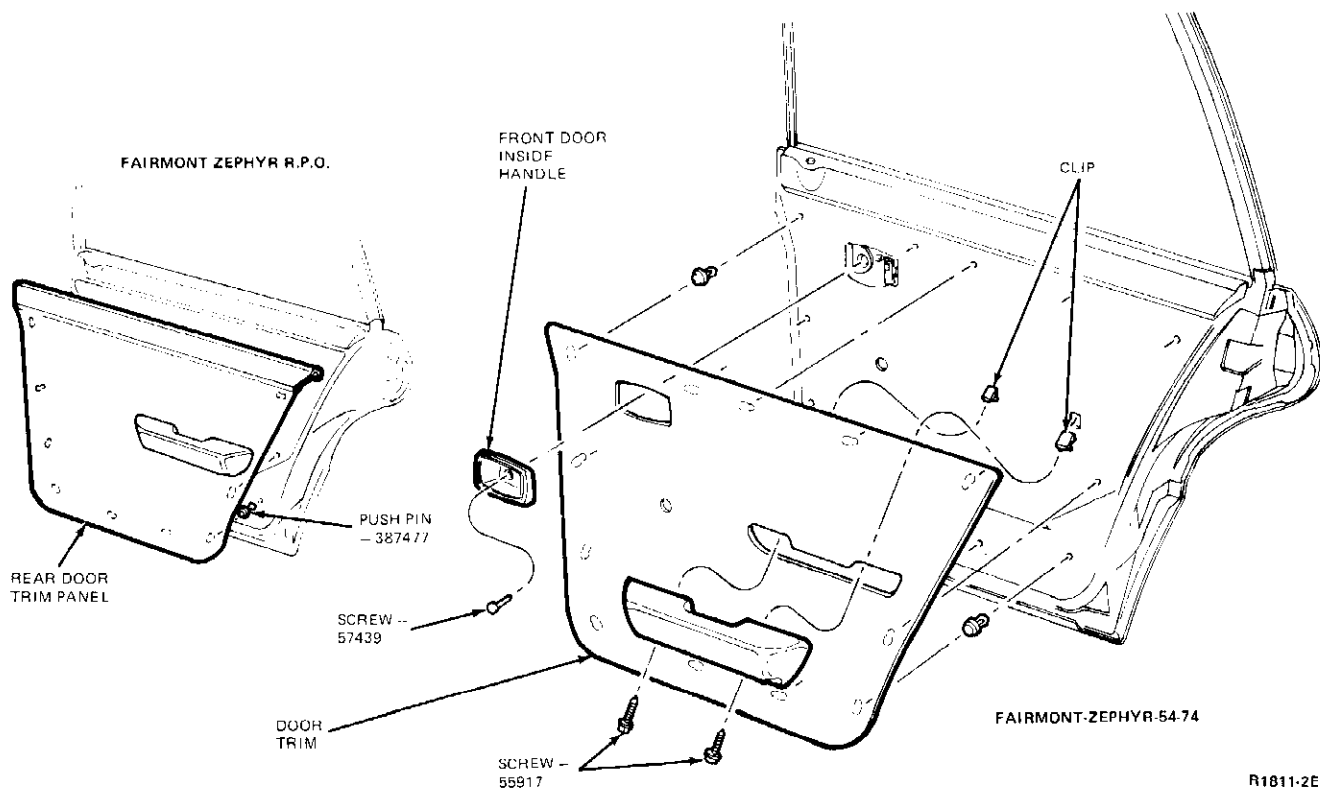
LINCOLN CONTINENTAL

Removal

1. Carefully pry off the armrest finish panel (Fig. 18).
2. Remove the three screws attaching the armrest and remove the armrest.
3. Remove the seat cushion and back assemblies (not shown on illustrations).
4. Remove the necessary interior backlamp garnish mouldings (not shown on illustration).
5. Remove one screw securing the coat hook and remove coat hook.
6. Remove one screw behind the shoulder belt at the roof rail.
7. Pry loose the quarter trim finish panel starting at the rear.

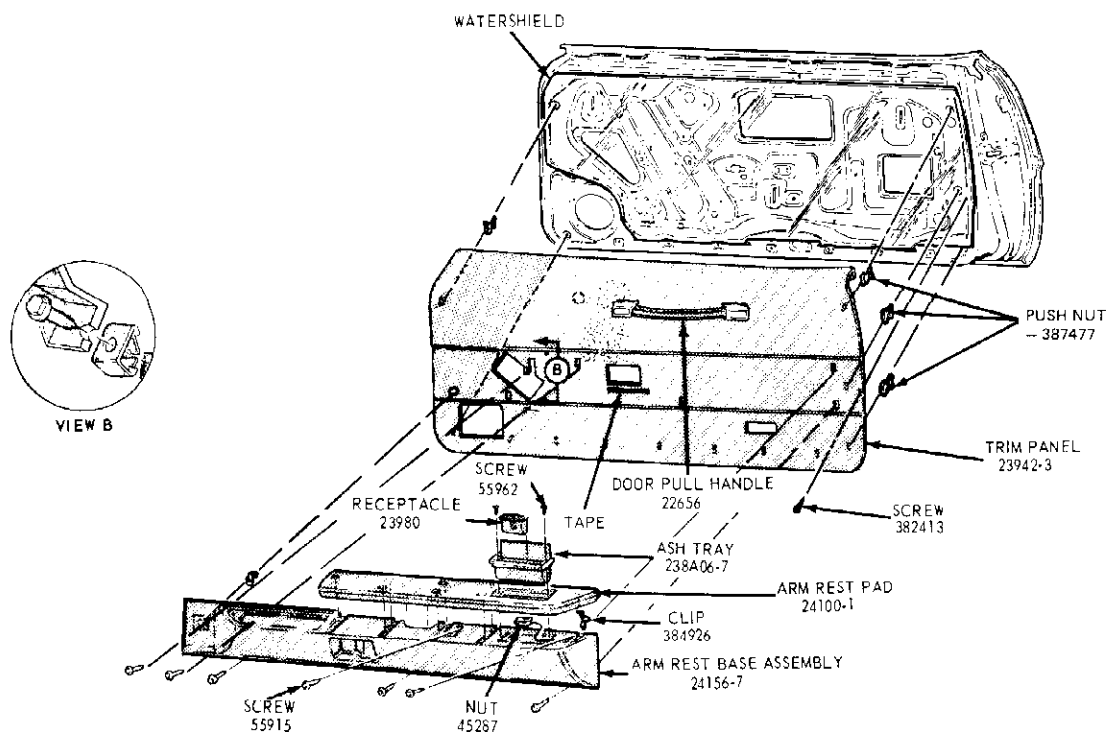
CAUTION: When the finish panel attaching clips have been extracted from the quarter trim panel, be sure to pull the panel directly rearward first and then inboard in order not to break the clips at the front of the panel. The finish panel is not designed to pivot around the front clips.

8. Remove three screws securing the lower quarter trim panel and remove the panel.
9. Remove three screws along the belt line securing the quarter trim panel and pry loose the one clip located at the front of the trim panel. Disconnect the courtesy lamp wiring and then, remove the trim panel.



R1811-2E

FIG. 5 Door Trim Panel Installation—Fairmont and Zephyr



R1422-2J

FIG. 6 Door Trim Panel Installation—Continental Mark V

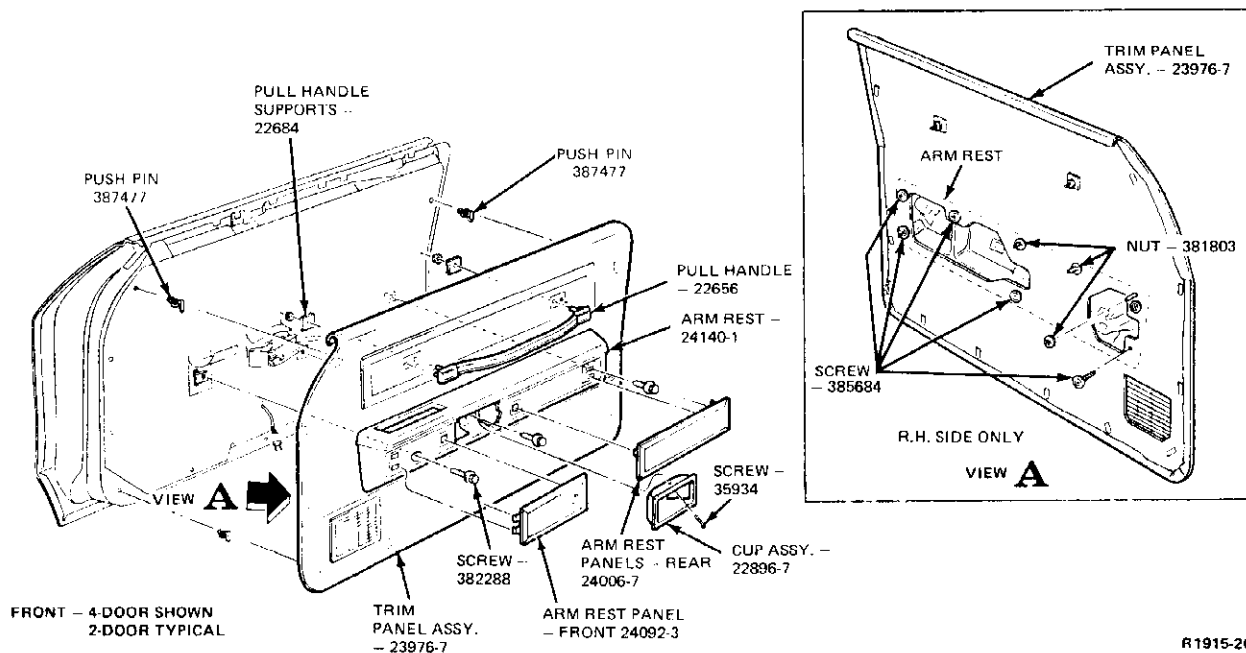


FIG. 7 Door Trim Panel Installation—Lincoln Continental

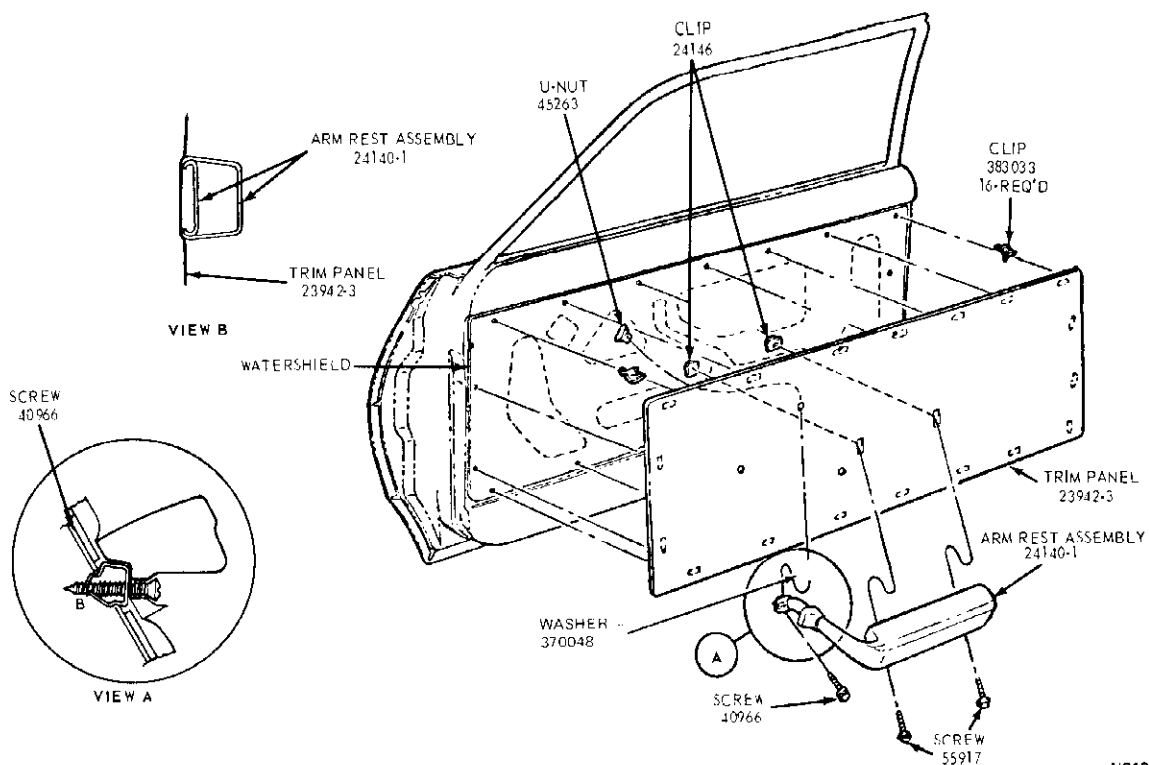
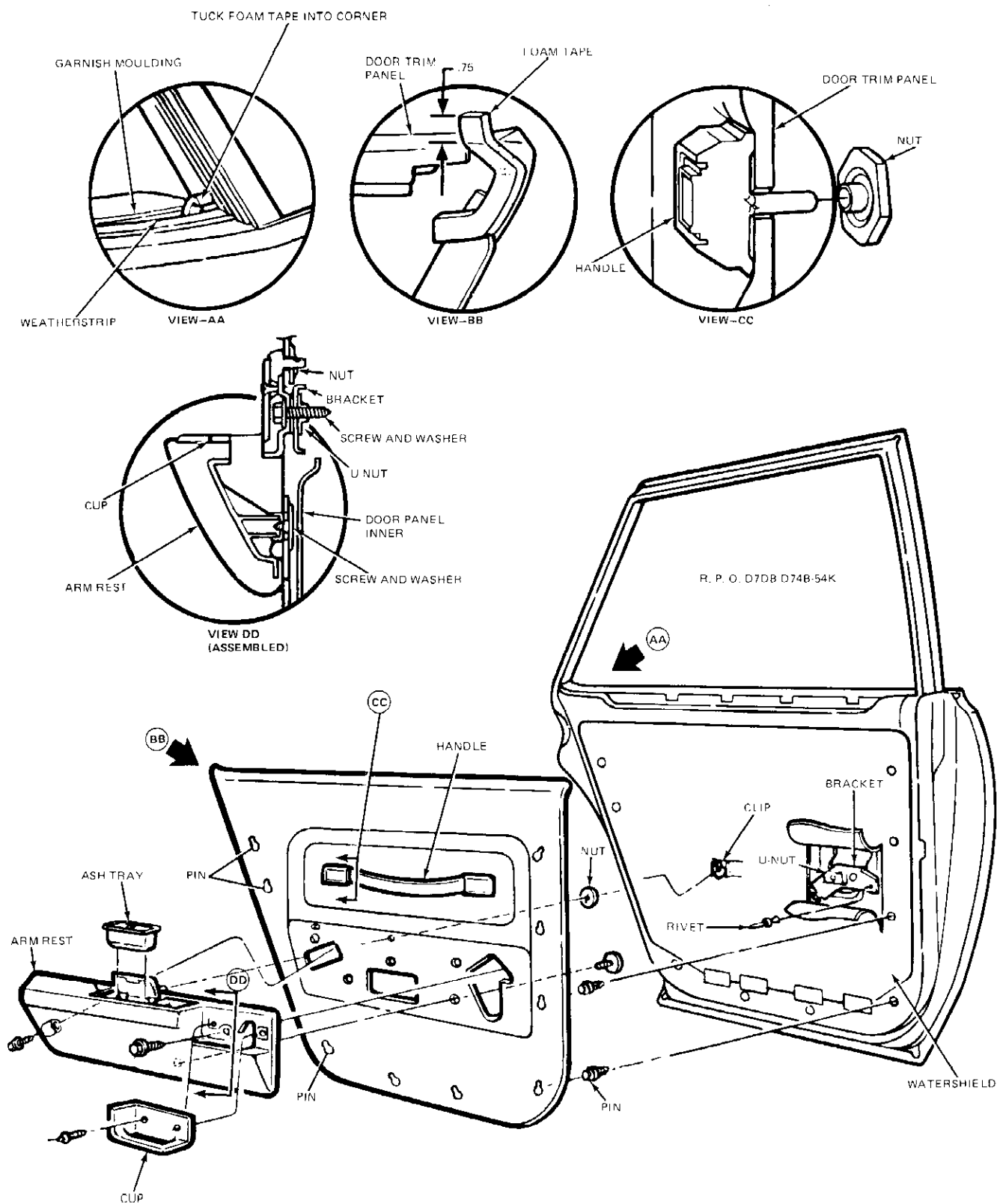
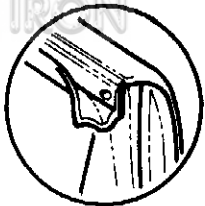


FIG. 8 Door Trim Panel Installation—Pinto and Bobcat

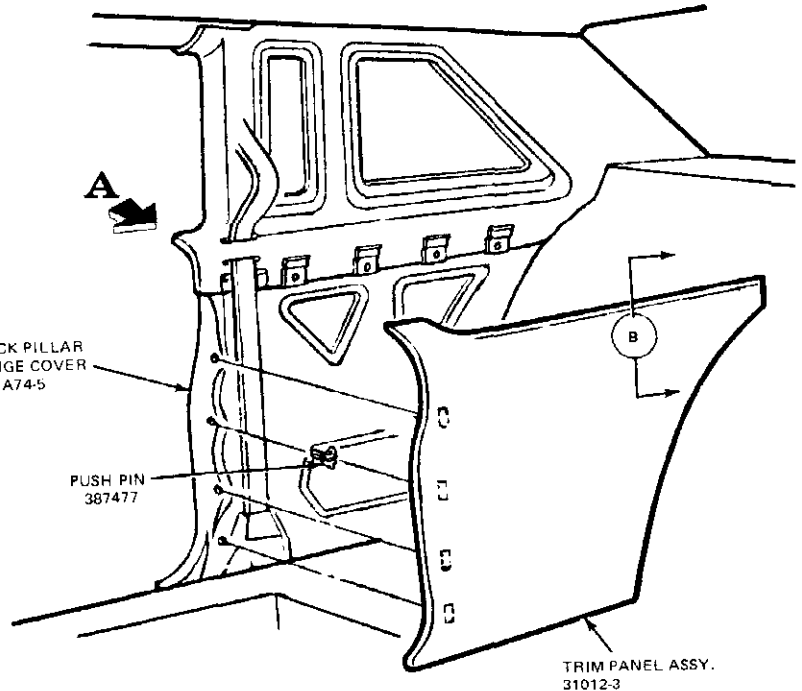
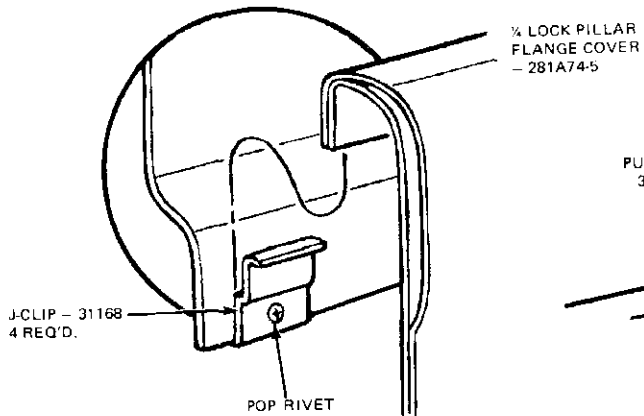


R1916-2C

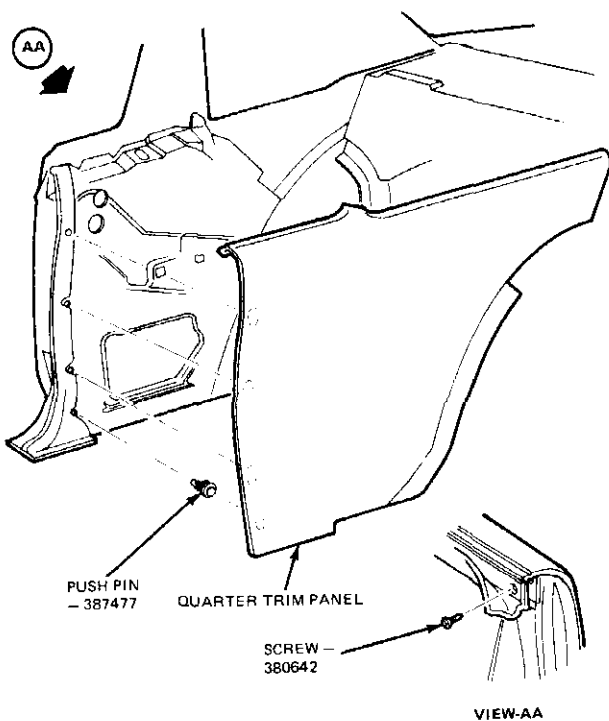
FIG. 9 Door Trim Panel Installation—Granada, Monarch and Versailles



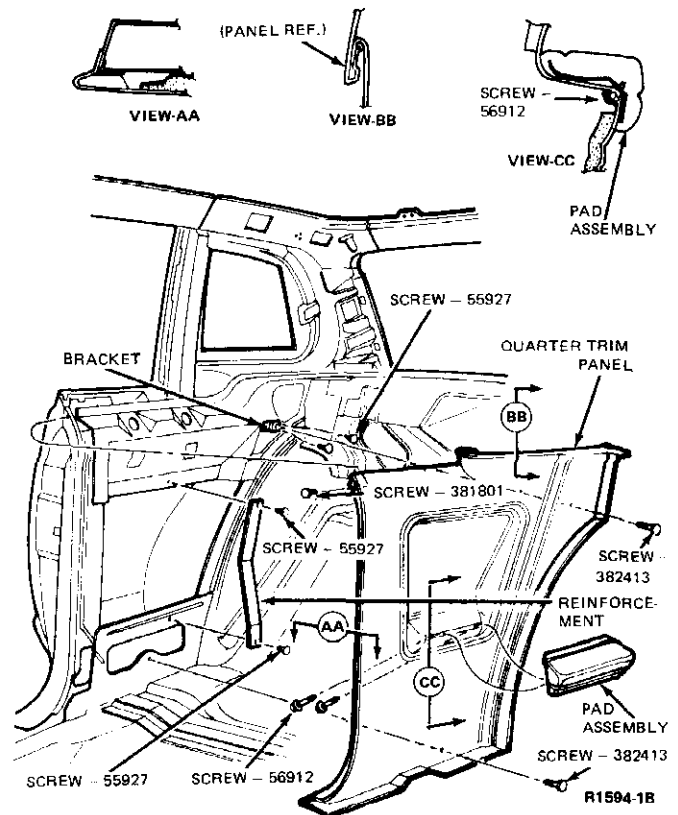
VIEW A

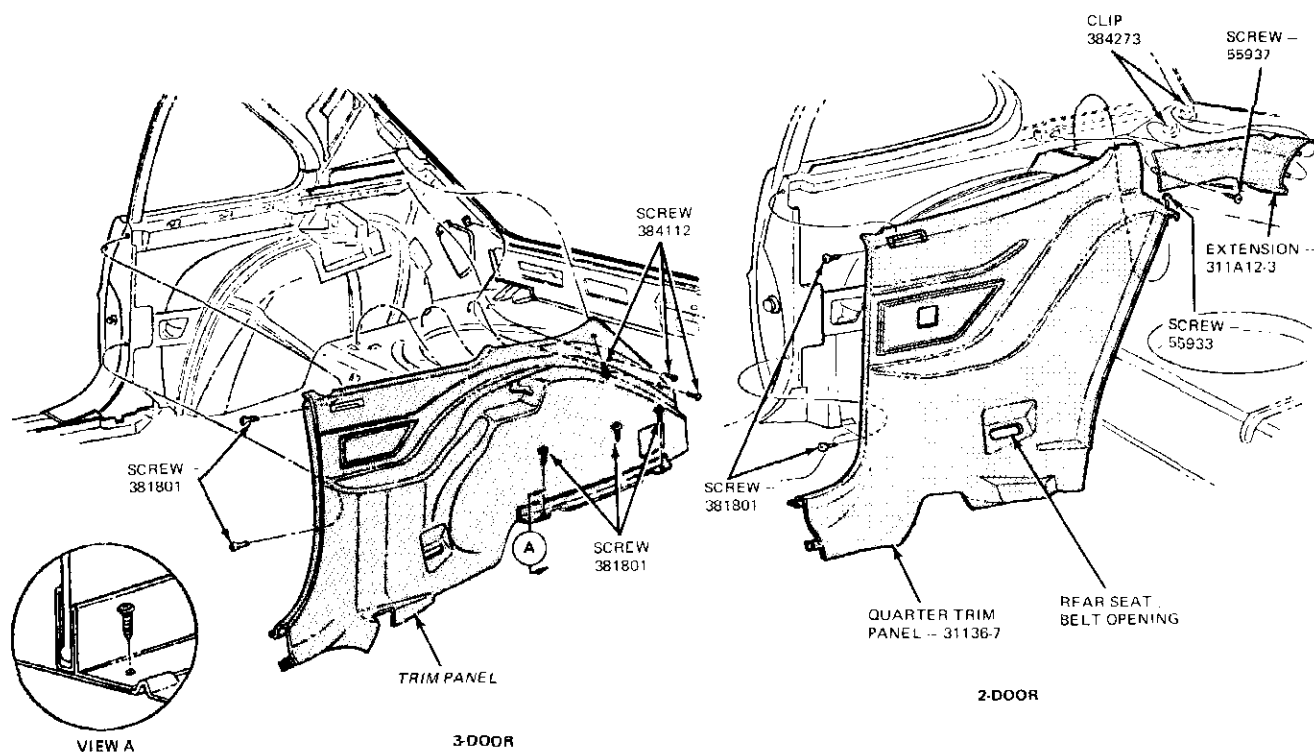


R1103-2G

FIG. 10 Quarter Trim Panel Installation—Ford

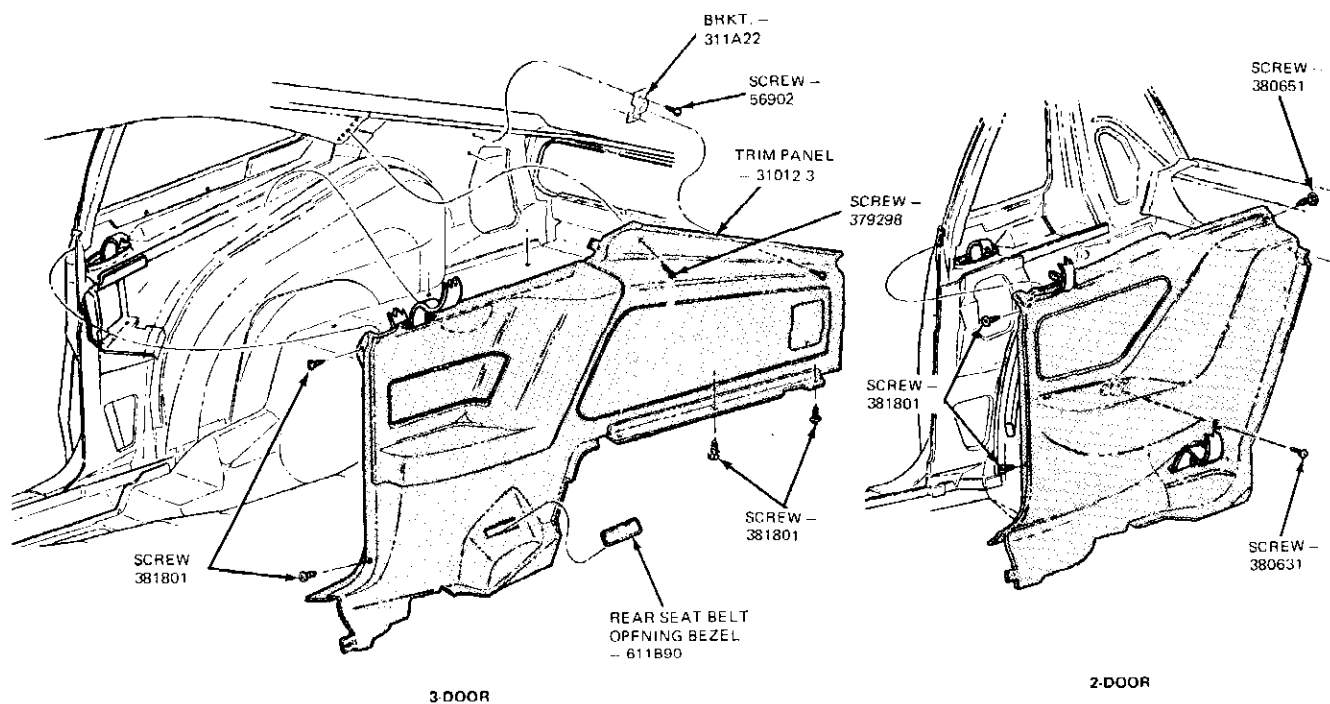
R2191-1A

FIG. 11 Quarter Trim Panel Installation—Mercury**FIG. 12 Quarter Trim Panel Installation—LTD II, Thunderbird and Cougar**



R1700-2D

FIG. 13 Quarter Trim Panel Installation—Pinto and Bobcat—Except Station Wagon



R1289-2H

FIG. 14 Quarter Trim Panel Installation—Mustang II

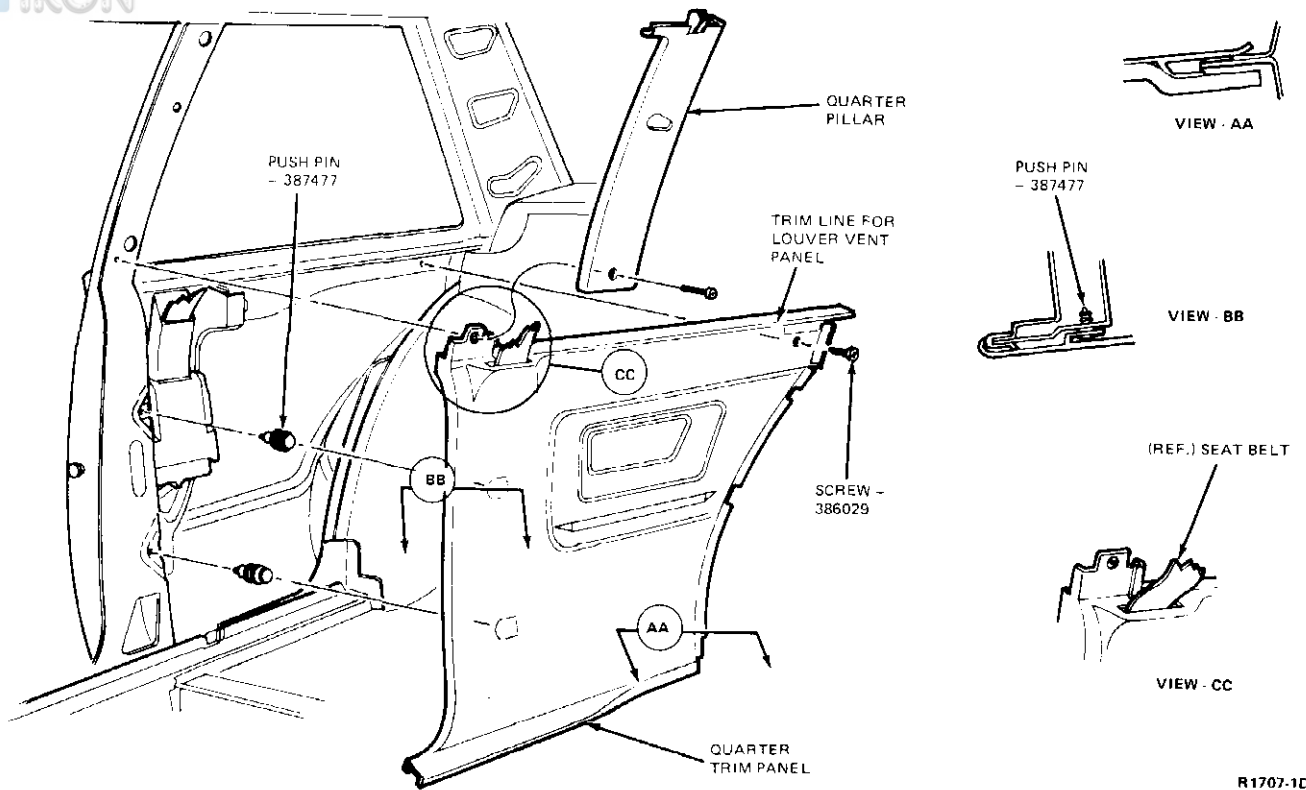


FIG. 15 Quarter Trim Panel Installation—Fairmont and Zephyr

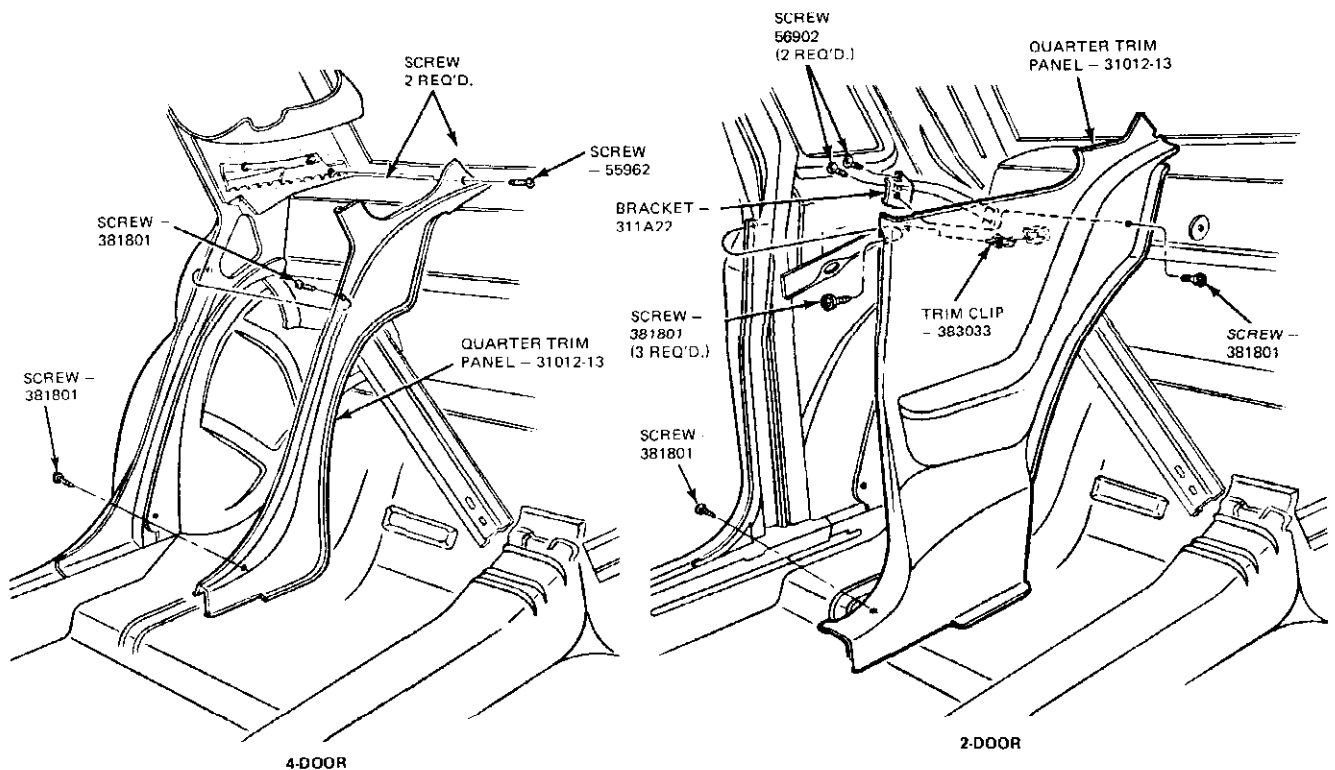


FIG. 16 Quarter Trim Panel Installation—Granada, Monarch and Versailles