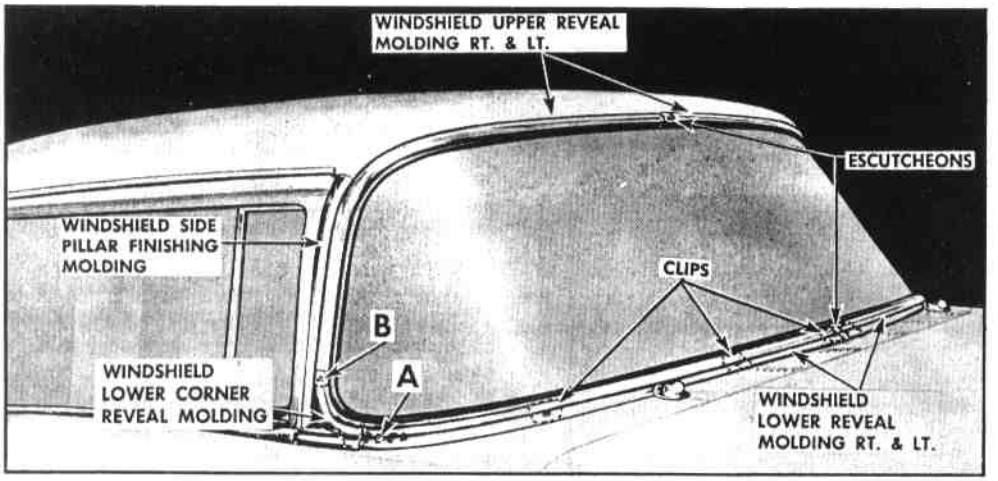
WINDSHIELD ASSEMBLY

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2263F, 2271, 2562, 2562DF, 2563F, 2564DF

The 1955 model incorporates a new large one-piece windshield which is retained in the windshield opening by a one-piece rubber channel. Other new features include a windshield drain gutter with a drain hose at each end, a newly designed instrument panel and new windshield reveal and garnish moldings.

WINDSHIELD REVEAL MOLDINGS

1062F, 1062DF, 1063F, 1064DF 2562, 2562DF, 2563F, 2564DF



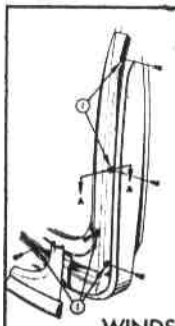
The illustration above shows the windshield reveal moldings installed on a 1062DF style. Also shown are the names of the reveal moldings and the location of the retaining clips.

REMOVAL AND INSTALLATION

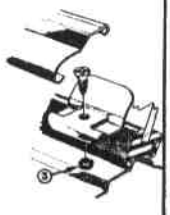
1. Apply masking tape to body at areas adjacent to windshield lower reveal moldings.
2. Remove wiper blade and arm assembly from each transmission.
3. Remove transmission escutcheon spanner nut and escutcheon from each transmission.
4. With suitable tool, carefully snap off escutcheon from junction of lower reveal moldings to expose clip attaching screw.
5. Remove screw securing retaining clip under escutcheon and slide clip into either molding.
6. On inside of body beneath instrument panel, remove nut and washer securing each windshield lower reveal molding clip located between transmission and lower corner reveal molding. NOTE: On early production bodies this clip is secured with screw installed on outside of body.
7. Carefully slide lower reveal molding approximately 1-1/2" toward center-line of body. NOTE: At this location, reveal molding lower flange is cut out to permit disengagement of lower edge of molding from clip located between transmission and center-line of body.
8. Disengage molding from clip and remove from body. NOTE: On early production bodies which have the outboard clip secured with a screw, slide molding toward center-line of body until end of molding is disengaged from clip.
9. Remove screw "A" and screw securing tab at rear lower corner of corner reveal molding, then slide molding downward and remove from body. Remove screw "B" securing lower end of upper reveal molding. Repeat steps 7 through 9 on opposite side of body.
10. On Deluxe styles, remove three (3) screws securing windshield side pillar finishing molding and carefully pry off molding.

NOTE: The windshield upper reveal moldings are secured in the windshield rubber channel by a tee flange and can be removed after the windshield glass and rubber channel are removed from the body.

11. To install moldings, reverse removal procedures and seal molding attaching screw holes as follows:
    a. Apply medium-bodied sealer to screw holes indicated at one (1) in drawing.
    b. Apply sealer inside of holes as indicated at two (2) in section "A-A".
    c. Apply medium-bodied sealer around lower reveal molding clip attaching holes indicated at three (3).



SECTION "A-A"



WINDSHIELD UPPER REVEAL AND SIDE PILLAR FINISHING MOLDING

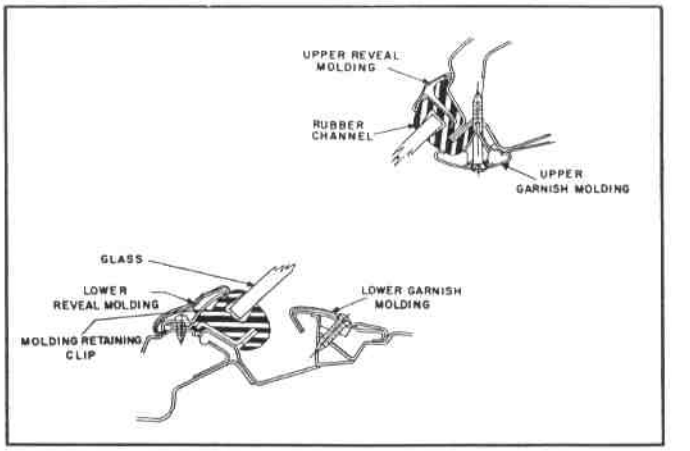
WINDSHIELD LOWER REVEAL MOLDING

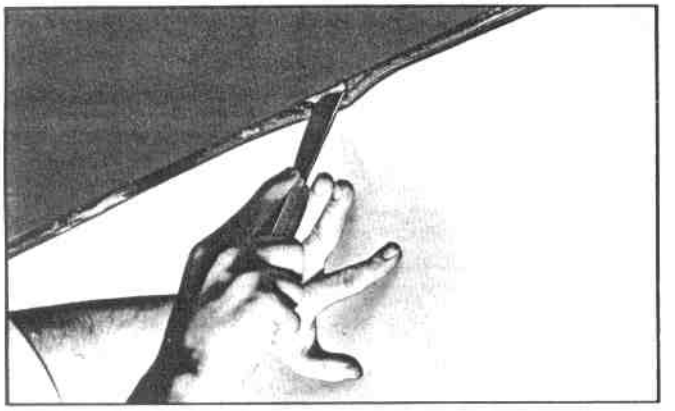
WINDSHIELD GLASS

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2263F 2271, 2562, 2562DF, 2563F, 2564DF

REMOVAL

1. Place protective covering over hood, front fenders, instrument panel and front seat assembly. NOTE: The opposite drawing shows a typical section of the windshield assembly.
2. On inside of body, remove windshield side, upper and lower garnish moldings and rear view mirror support.
3. On all styles except 1263F-2263F and 1271-2271. remove windshield lower reveal and corner reveal moldings, then remove screw securing lower end of upper reveal moldings. See "Windshield Reveal Moldings".
4. Remove screws securing lower reveal molding attaching clips and remove clips from body.

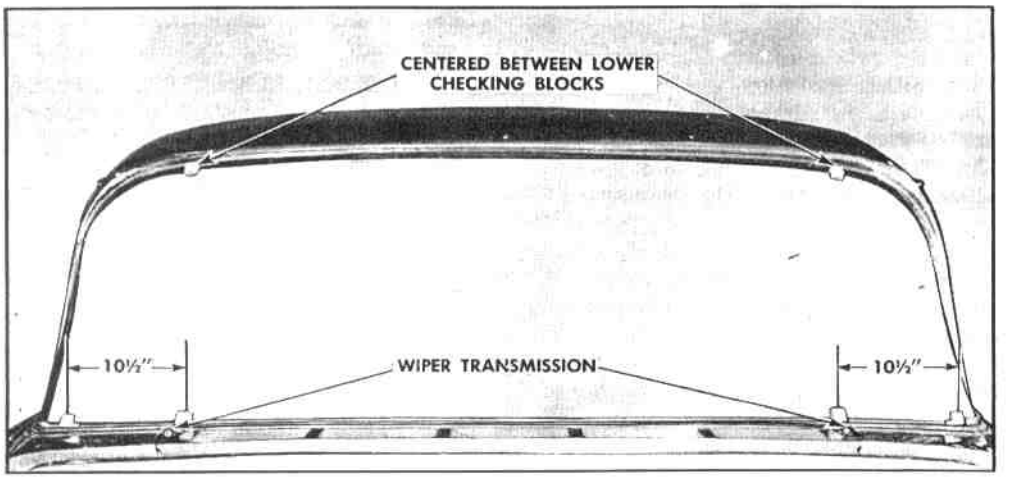




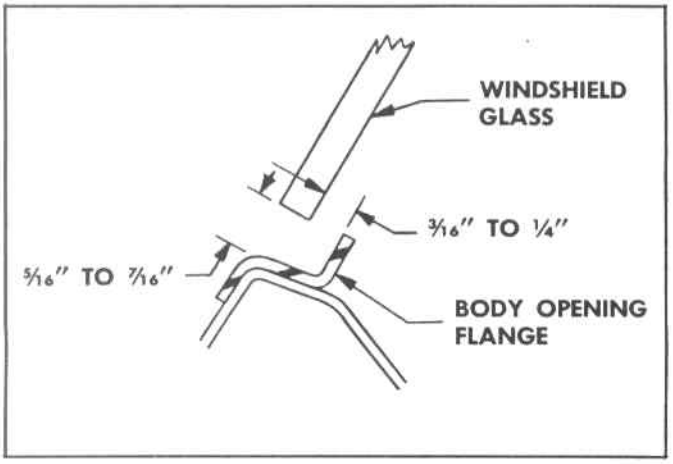
5. On inside of body, loosen lip of rubber channel from pinchweld flange along top and sides of windshield as follows:
With palm of hand apply pressure to edge of glass as shown. At same time, use a putty knife or other suitable tool and carefully assist lip of rubber channel over pinchweld flange.
6. After windshield rubber channel is free from pinchweld flange, obtain aid of helper and lift windshield assembly from body opening. Place windshield on covered bench.
7. On all styles except 1263F-2263F and 1271-2271, remove windshield upper reveal moldings by disengaging tee flange of molding from windshield rubber channel.
8. Remove rubber channel from glass.

CHECKING THE BODY WINDSHIELD OPENING

Due to the size and contour of the new windshield, it is important that the body windshield opening be checked thoroughly before the installation of a replacement windshield glass. The procedure below outlines the method which may be used to check the windshield opening.



1. Check windshield rubber channel for any irregularities.
2. Clean off old sealer from around windshield opening and check entire body opening flange.
3. Check new windshield glass to opening by supporting glass with six wooden spacers as shown in illustration. CAUTION: Care should be exercised to make certain that glass does not strike body metal during this temporary installation. Edge chips can lead to future breaks.
4. With windshield glass supported and centered in opening by spacers, check relationship of glass to body opening around entire perimeter of glass.



The drawing opposite shows typical section taken through glass channel and body opening. Check glass to body relationship as follows:

a. The inside surface of glass should be uniform distance from body flange. Dimension should be from 3/16'' to 1/4''.

b. The outer edge of glass should be uniform distance from body metal, measured in plane of glass. This dimension should be from 5/16'' to 7/16''.

5. Mark any sections of body to be re-formed, remove glass and re-form opening as required.

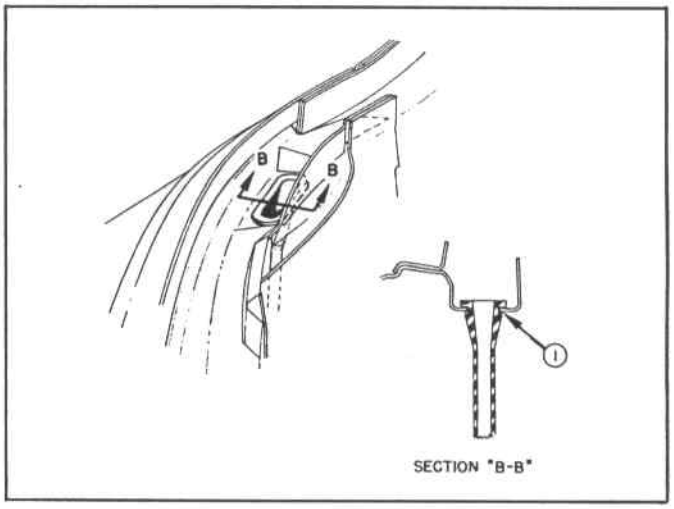
6. Check windshield opening again as outlined in step 4. Then MARK GLASS AND BODY so that glass can be accurately centered in opening when installed.

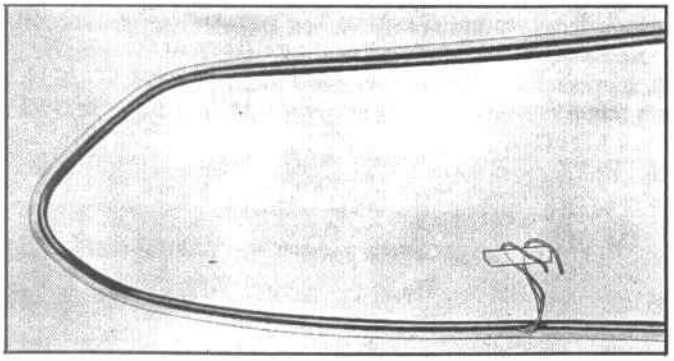
INSTALLATION

1. Check windshield drain gutter and drain hose at each end of gutter for any obstructions, and clean out if necessary.

Drawing shows drain hose at end of windshield drain gutter. Section ''B-B'' shows sealing of drain hose at one (1).

2. Locate center-line of windshield glass. Assemble rubber channel to glass with groove for windshield upper reveal molding located on top edge of glass. Install upper reveal moldings. NOTE: To facilitate installation of reveal moldings, apply mild soap solution to molding tee flange and cavity in rubber channel.

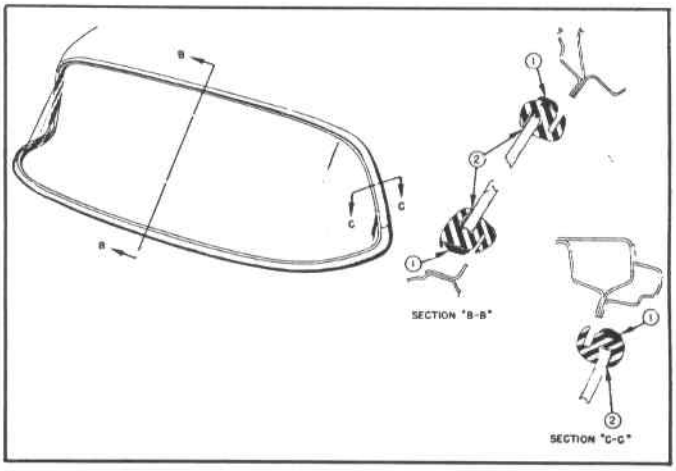




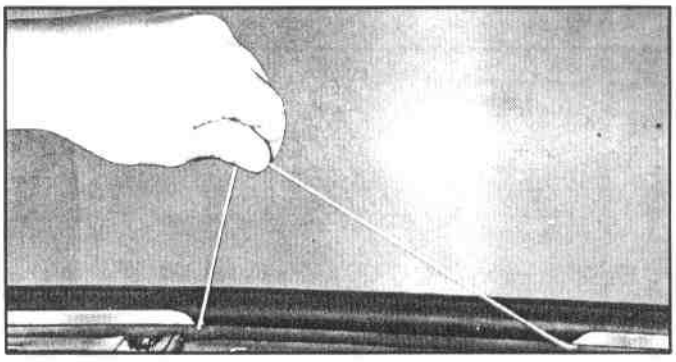
3. Insert strong cord into pinchweld cavity of rubber channel completely around windshield. Tie ends of cord and tape to inside of glass at bottom center as shown in illustration.

4. Apply ribbon of medium-bodied sealer completely around base of rubber channel, as indicated in drawing at one (1).

5. With aid of helper, carefully place and center wind-



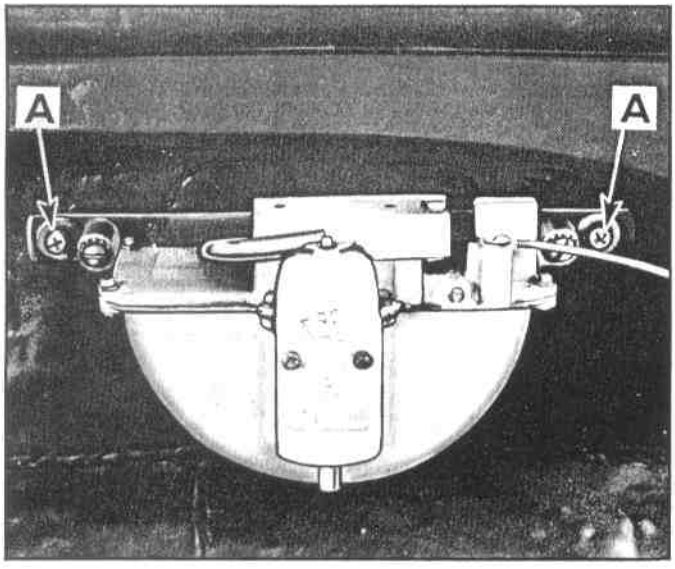
shield assembly in windshield opening.
6. While pressing firmly from outside, have helper on inside slowly pull cord from lower center to each lower corner of windshield to seat lip of rubber over flange along bottom of windshield opening. Then pull cord along both sides and top of windshield.
7. Seal outside lip of rubber channel to glass around perimeter of windshield, using weatherstrip cement. Location of seal is shown at two (2) in illustration at bottom of previous page.
8. Clean off excess sealer and cement using mineral spirits. Reinstall previously removed parts.
9. Remove protective covering.



WINDSHIELD WIPER ASSEMBLY

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2263F, 2271

The windshield wiper assembly consists of a wiper motor, auxiliary drive, and two (2) wiper transmissions which are operated by a cable drive. Each transmission assembly is designed with "spring-loaded" pulleys that when released automatically adjust wiper cable tension. The wiper motor auxiliary drive assembly is installed to the forward side of the dash panel and is designed with two (2) drums to which the ends of the transmission cables are attached.



WINDSHIELD WIPER MOTOR AUXILIARY DRIVE ASSEMBLY

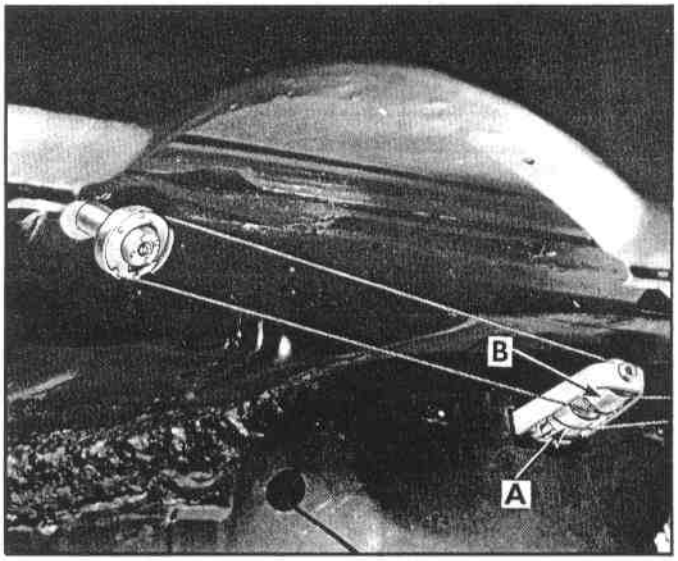
1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2263F, 2271

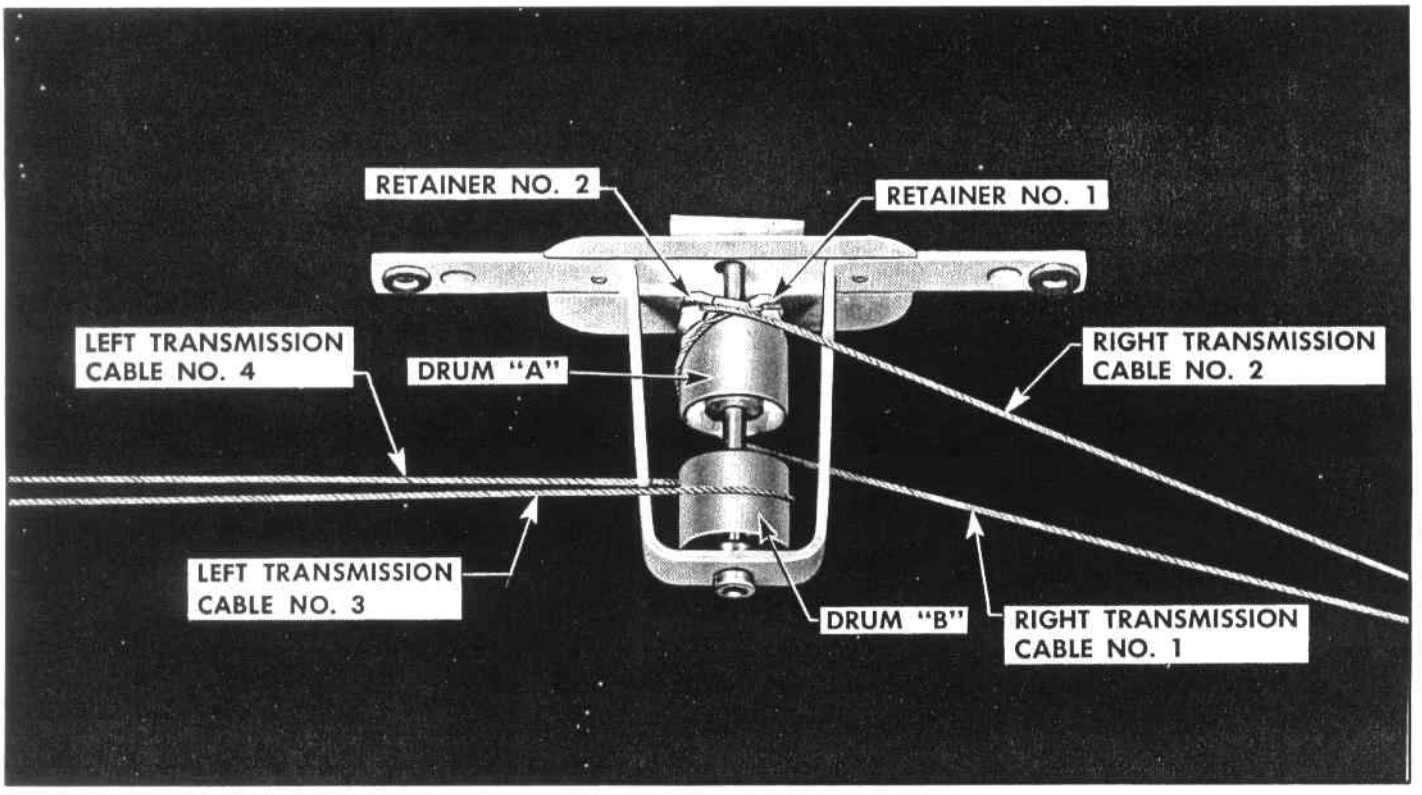
REMOVAL

1. Remove instrument panel compartment box.
2. Adjust cables to slack position. See "Cable Adjustment."
3. Observe attachment of cables to auxiliary drive, then detach cables from drums. IMPORTANT: Note how the right transmission cables are crossed.
4. Remove wiper motor from auxiliary drive assembly, then remove two (2) screws "A" securing drive to dash panel.

INSTALLATION

1. Install wiper motor and auxiliary drive to dash panel and secure with attaching screws.
2. Inside of body, attach transmission cables to auxiliary drive drums "A" and "B" as outlined on following page.





Attach right transmission cables to drum "A" in the following sequence:

a. Cable #1 (cable leading from top of transmission pulley) to retainer #1.

b. Cable #2 (cable leading from bottom of transmission pulley) to retainer #2. NOTE: Right transmission cables should "cross-over" approximately midway between transmission and auxiliary drive.

Attach left transmission cables to drum "B" in the following sequence:

a. Cable #3 (cable leading from top of transmission pulley).

b. Cable #4 (cable leading from bottom of transmission pulley). NOTE: Left transmission cables do not "cross-over."

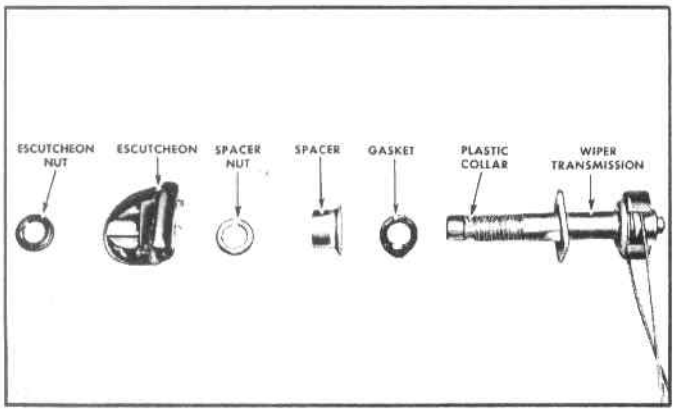
3. Adjust cables to tensioned position. See "Cable Adjustment."

4. Connect wiper motor parts as required and check operation of wiper motor. Install instrument panel compartment box.

WINDSHIELD WIPER TRANSMISSION

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2263F, 2271
2562, 2562DF, 2563F, 2564DF

REMOVAL

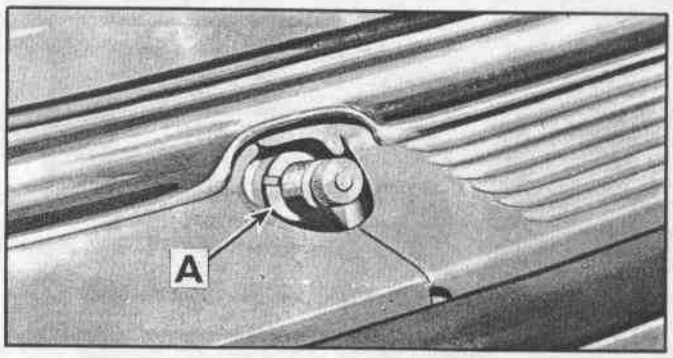


The illustration shows a wiper transmission with component parts removed from the body.

1. Remove wiper blade and arm assemblies.
2. Remove instrument panel compartment box.
3. Adjust wiper transmission cables to slack position. See "Cable Adjustment" outlined on following page.
4. Observe attachment of transmission cables to auxiliary drive, then disconnect cables from auxiliary drive drums.
5. On outside of body at each transmission, remove escutcheon spanner nut. Lift escutcheon from body, disconnect washer hose and remove escutcheons.
6. At each transmission, remove transmission spacer nut indicated at "A" in illustration on following page and remove spacer.
7. On inside of body, pull each transmission down through shroud panel and remove from body.

INSTALLATION

1. Install gasket to each transmission and apply medium-bodied sealer around transmission shaft to gasket surface contacting body metal.
2. Position each transmission assembly in body, install spacer and secure in place with spacer spanner nut.
3. Attach transmission cables to auxiliary drive drums. See step 2 of "Wiper Motor and Auxiliary Drive Assembly."
4. Connect washer hose to transmission escutcheon and secure escutcheon with chrome plated spanner nut.
5. Reinstall wiper blade and arm assemblies. Check operation of wiper motor and transmission assembly.
6. Reinstall instrument panel compartment box.



NOTE: If new transmission is being installed, it is necessary to remove plastic collar from transmission before cables can be tensioned.

WINDSHIELD WIPER CONTROL

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2271
2562, 2562DF, 2563F, 2564DF, 2263F

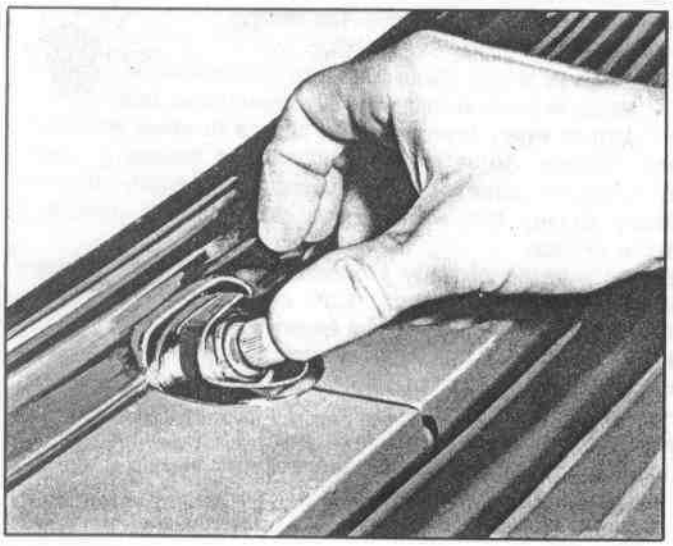
REMOVAL AND INSTALLATION

The wiper control is the same for the vacuum and electrically powered windshield wiper motor.
1. Detach windshield wiper control cable from wiper motor.
2. Loosen set screw on control knob and remove knob.
3. Remove spanner nut from wiper control shaft and remove wiper control escutcheon.
4. Push wiper control forward through instrument panel and lower it beneath level of panel.
5. Tag wiper hoses for proper identification and disconnect them from wiper control, then remove control and cable as an assembly.
6. To install, reverse removal procedure. On vacuum motor, make sure control cable is correctly positioned at motor for proper valve operation.

WINDSHIELD WIPER TRANSMISSION CABLE ADJUSTMENT

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2271
2562, 2562DF, 2563F, 2564DF, 2263F

The transmission cables are tensioned by "spring-loaded" pulleys. When the end of the transmission shaft is pushed "in" as shown in the illustration, the spring loaded pulleys unlock and tension the cables.



To obtain slack in the wiper transmission cables, proceed as follows:
1. Push "in" base of wiper arm where arm fits over transmission shaft, to unlock spring loaded pulleys. If wiper arm has been removed, push in end of transmission as shown in illustration.
2. While pulleys are unlocked, have helper on inside of car pull cable to obtain slack. When sufficient slack is obtained, release end of transmission shaft to lock cables in slack position.
3. To restore tension in cables, push "in" on end of transmission shaft.

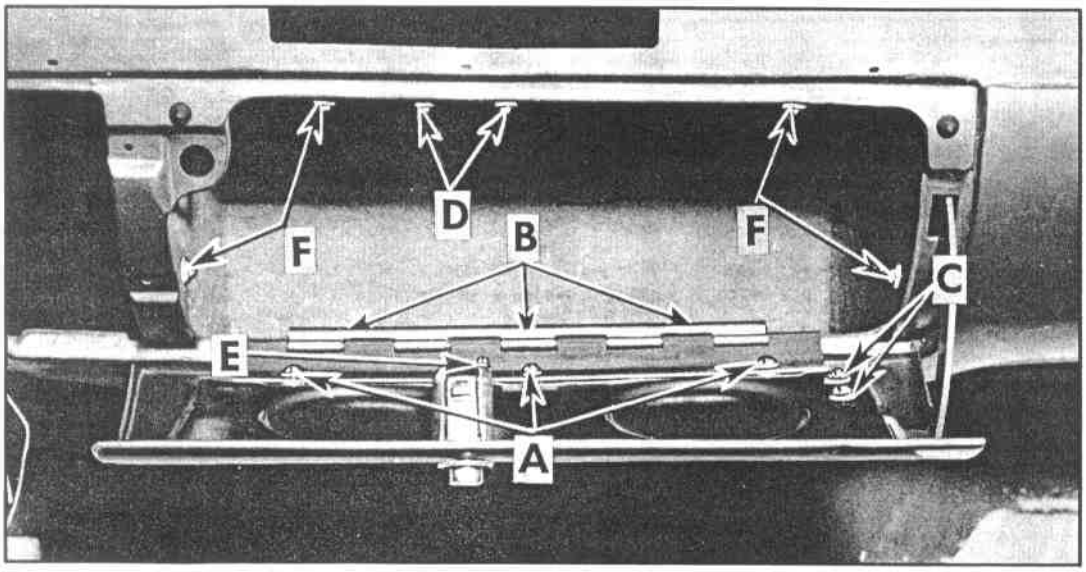
Repeat operation on opposite transmission.

NOTE: Loose cables cause blade slap or overtravel at end of stroke. If this condition exists, adjust tension of cables as outlined in step 3 above.

INSTRUMENT PANEL ASSEMBLY

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271

The 1955 Chevrolet incorporates a newly designed instrument panel. The instrument panel compartment box is located at the center of the instrument panel and is retained with screws. The compartment door is secured to the instrument panel by a hinge which is also retained by screws.



INSTRUMENT PANEL COMPARTMENT DOOR

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271

REMOVAL AND INSTALLATION

1. Open door and with pencil scribe location of door.
2. Remove door hinge attaching screws "A" or "B", and door stop attaching screws "C", then remove door.
3. To install, position door within scribe marks and reinstall attaching screws.

ADJUSTMENTS

1. To adjust closed position of door up or down, loosen screws "A", adjust door as required and tighten screws.
2. To adjust door from side to side, loosen hinge attaching screws "B", adjust door as required and tighten screws.
3. To adjust compartment door lock striker, loosen two (2) screws indicated at "D", adjust striker as required, then tighten screws.

INSTRUMENT PANEL COMPARTMENT DOOR LOCK KNOB

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271

REMOVAL AND INSTALLATION

1. Open door and remove screw indicated at "E".
2. Remove lock knob retainer and remove lock knob.
3. To install, reverse removal procedure.

INSTRUMENT PANEL COMPARTMENT BOX

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271

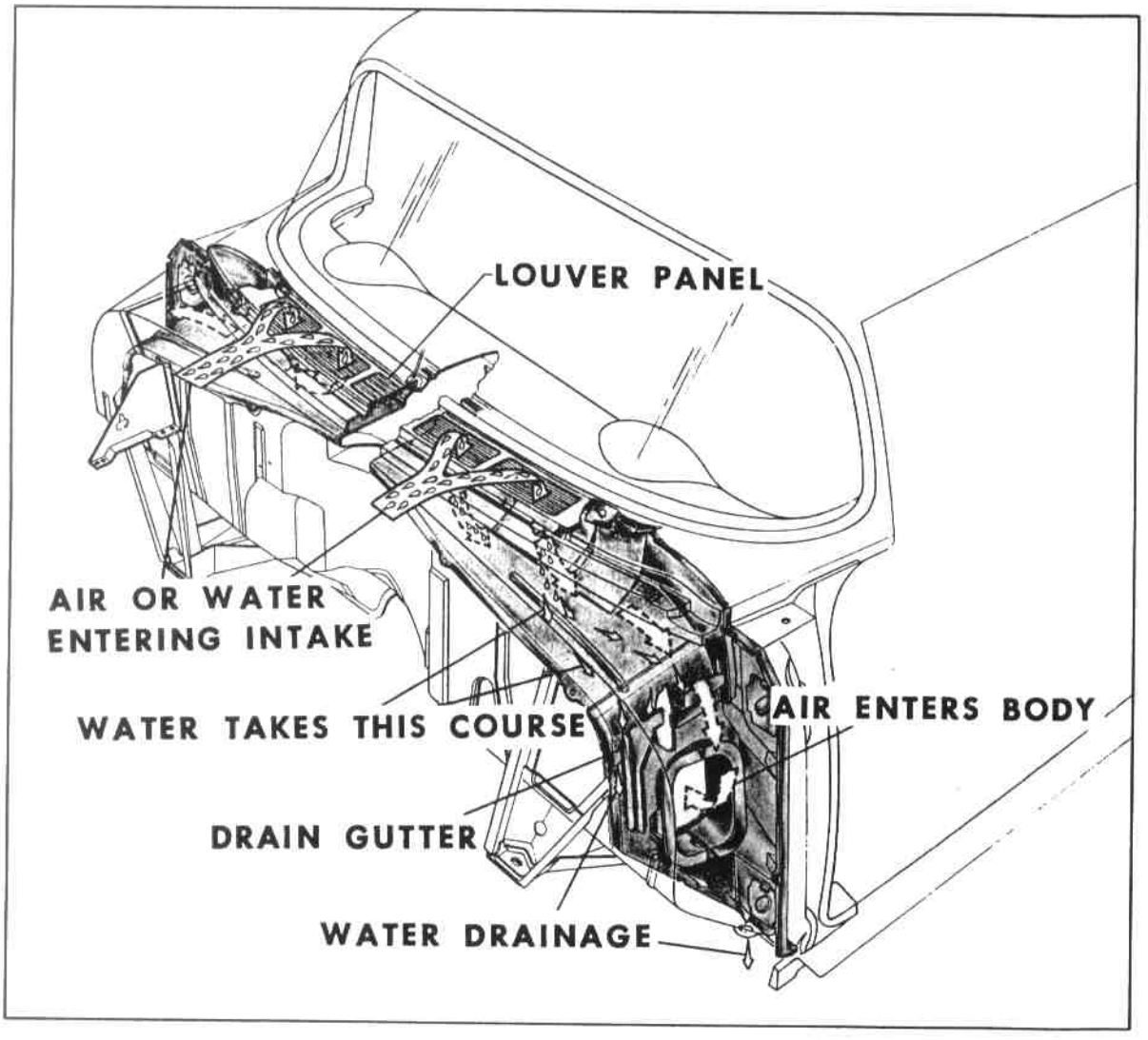
REMOVAL AND INSTALLATION

1. Remove instrument panel compartment door with hinge, then remove screws "F".
2. Move box forward and downward and remove from instrument panel.
3. To install, reverse removal procedure.

SHROUD VENTILATING SYSTEM

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271 2271, 2263F, 2562, 2562DF, 2563F, 2564DF

The 1955 model incorporates a new ventilating system with an air intake louver panel located on top of the shroud. The air entering the shroud top ventilator louver panel flows through a duct which guides the air into the body through an opening at each shroud side duct panel. The flow of air into the body is regulated by a valve in each shroud side opening; each valve is adjusted by the use of a cable and control knob. Water entering the inlet louver panel into the duct flows down the shroud side duct panel into a drain gutter which directs the water out of the body.

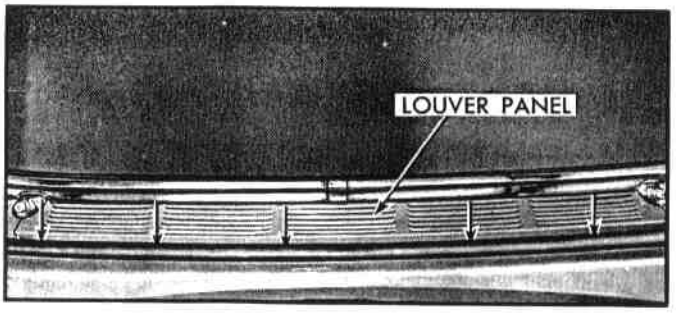


SHROUD TOP VENTILATOR LOUVER PANEL

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2271 2263F, 2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

1. On 1263F-2263F and 1271-2271 styles, remove wiper blade and arm assemblies, transmission spanner nuts, and transmission escutcheons.
2. On all styles except 1263F-2263F and 1271-2271, remove windshield lower reveal moldings and molding retaining clips located on louver panel. See "Windshield Reveal Moldings".
3. Lift up hood and remove screws indicated by arrows in illustration, then remove panel from body.
4. To install, reverse removal procedure.



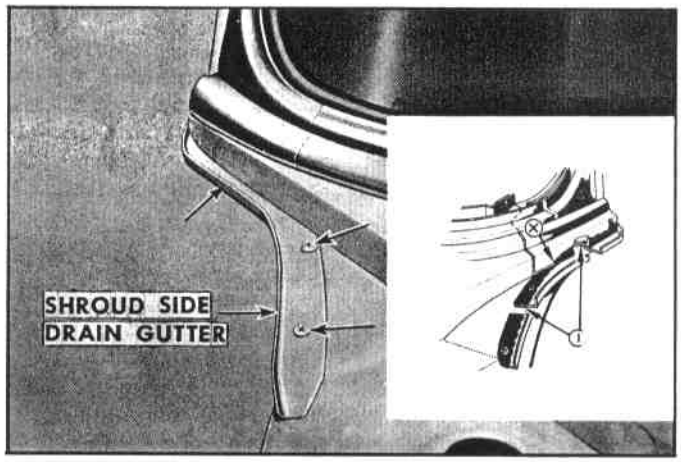
SHROUD SIDE DRAIN GUTTER

1062F, 1062DF, 1063F, 1064DF, 1263F, 1271, 2271 2263F, 2562, 2562DF, 2563F, 2564DF

REMOVAL AND INSTALLATION

A shroud side drain gutter is located on the right and left shroud side panel adjacent to the door opening as shown in the illustration opposite.

1. Remove three (3) screws indicated by arrows and remove gutter.
2. To install, reverse removal procedure. Apply body caulking compound between gutter and body metal as indicated at one (1) in inset. Be sure that seal is continuous at area marked "X".



NOTES