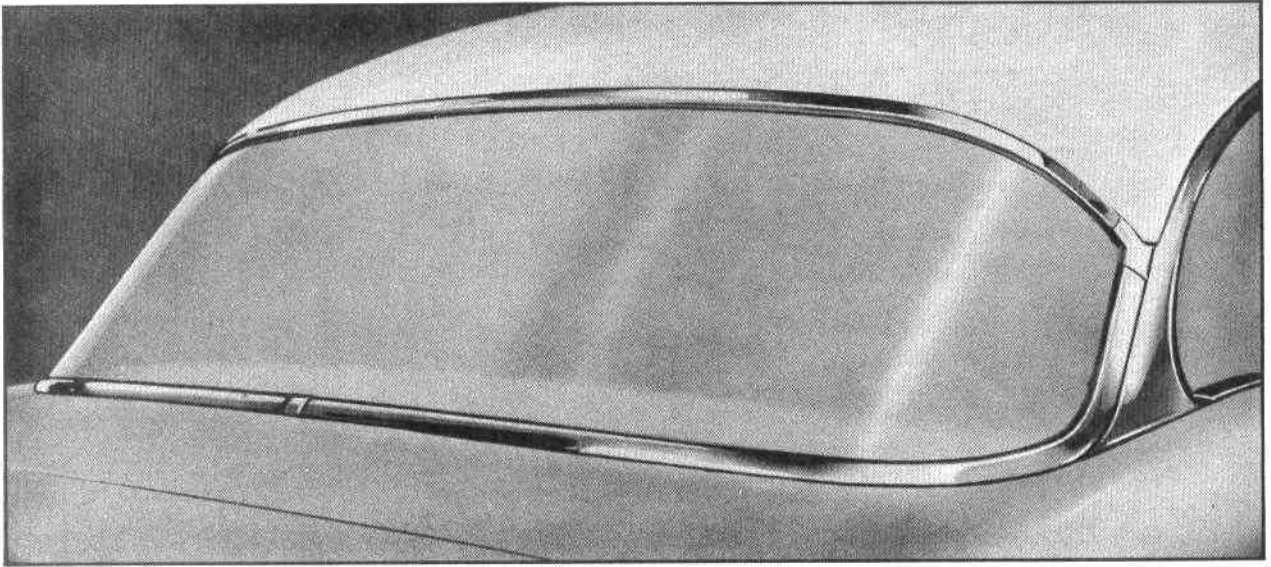


REAR END

BACK WINDOW ASSEMBLY

1955 PONTIAC TWO AND FOUR DOOR SEDAN AND SPECIAL COUPE STYLES

All 1955 Sedan and Special Coupe styles have a one-piece, wrap-around back window with a one-piece molded rubber channel which provides a weatherseal around the glass and body opening. Basic removal and installation operations are similar to past models, with the exception of the reveal moldings. The reveal moldings consist of a right and left lower molding retained to the rubber channel by clips which are attached to the moldings, and a one-piece upper molding retained by snap-on clips attached to the pinchweld flange of the window opening. A reveal molding corner escutcheon, retained by a nut inside the body, is used at both upper corners.



The back window garnish moldings consist of a right and left molding and a one-piece upper molding. On Sedan styles a back window drain gutter hose is provided at both ends of the back window drain gutter. The function of the hoses is to carry away excess moisture resulting from condensation or possible water leakage. The hose directs water out through the rear quarter inner and wheelhouse panel.

BACK WINDOW GARNISH MOLDINGS

REMOVAL AND INSTALLATION

SPECIAL COUPE STYLES

1. Remove rear seat cushion, seat back and rear quarter belt finishing molding.
2. Remove back window side garnish moldings, each retained by three (3) screws.
3. Remove upper garnish molding, retained by finishing screws.
4. To install, reverse removal procedure.

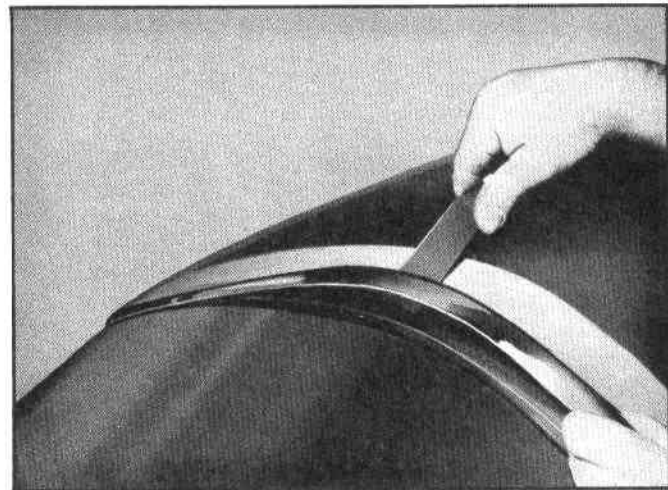
BACK WINDOW UPPER REVEAL MOLDING

REMOVAL

1. Apply masking tape across the top of the window opening to protect body finish.
2. Remove back window garnish moldings.
3. Remove both reveal molding upper corner escutcheons, each retained by a nut inside the body.
4. Carefully pry upper reveal molding free of retaining clips and remove molding from body. **IMPORTANT:** In some cases the upper reveal molding retaining clips may be the same type used for the lower reveal molding, which necessitates removal of the back window assembly in order to remove the molding.

TWO AND FOUR DOOR SEDAN STYLES

1. Remove garnish molding finishing screws and remove moldings.
2. To install, reverse removal procedure.

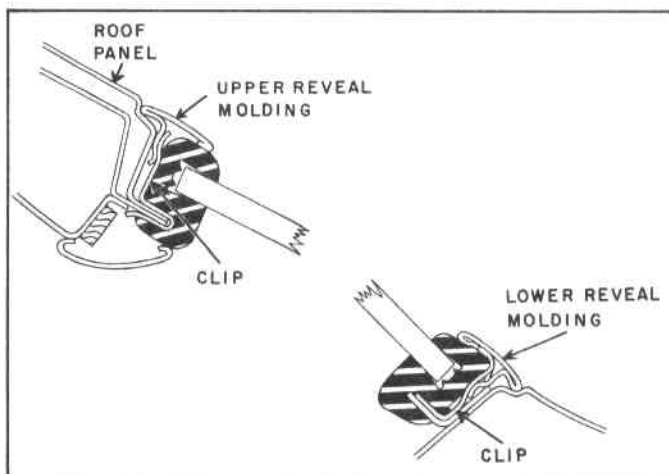


INSTALLATION

1. Position molding, then, at each clip location, press molding until leg of molding is properly held by the retaining clips. The cross sectional drawing shows the upper reveal molding properly installed at the retaining clips.
2. Apply medium-bodied sealer around the holes into which the reveal molding upper corner escutcheon bolts are inserted; then, install corner escutcheon.
3. Install back window garnish moldings.

BACK WINDOW LOWER REVEAL MOLDINGS

To remove and install the back window lower reveal moldings it is necessary to remove the back window assembly in order to remove the molding and retaining clips from the rubber channel. The cross sectional drawing shows the lower reveal molding and retaining clip properly installed. **IMPORTANT:** In some cases lower reveal molding may be secured to body with screws, necessitating lifting the back window and rubber channel over the molding in order to remove back window from body.



BACK WINDOW

REMOVAL

1. Place a protective covering over the painted body surfaces below the back window. Apply masking tape around the window opening to protect the body finish.
2. Place a protective covering over the parcel shelf. On two and four-door sedan styles cover the rear seat back and cushion.
3. Remove back window garnish moldings and back window corner and upper reveal moldings. **NOTE:** See "IMPORTANT" note under step 4 of "Back Window Upper Reveal Molding" removal.
4. Using a putty knife, break the seal between the rub-

ber channel lip and the pinchweld flange on the inside of the body.

5. From inside the body, carefully push the top of the glass and rubber channel outward with the palm of the hand. Then with the aid of a helper lift complete assembly from the body opening.

NOTE: See "IMPORTANT" note under "Back Window Lower Reveal Molding".

6. Place assembly on a covered bench and remove lower reveal moldings and clips from rubber channel, then remove rubber channel from glass.

INSTALLATION

1. Clean all old sealer from the back window body opening and rubber channel. Check the body pinchweld flange for irregularities or unevenness and correct before installing glass. Examine upper reveal molding clips for secureness at pinchweld flange.

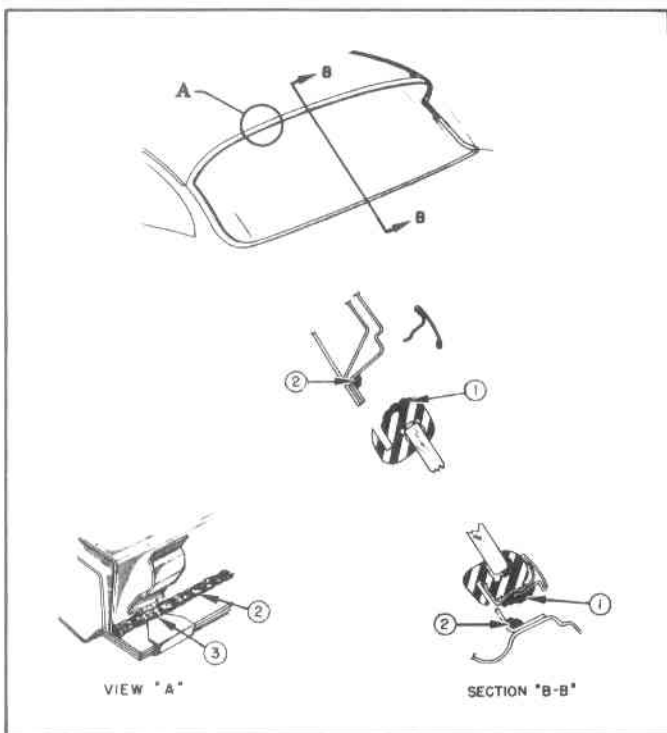
2. Assemble rubber channel to glass.
3. Make sure the lower reveal molding clips are properly secured to the moldings; then install moldings to rubber channel.

4. Insert a heavy cord into the pinchweld cavity of the rubber channel and bring both ends around to the bottom center of the glass. Tie ends of cord together and tape to inside of glass.

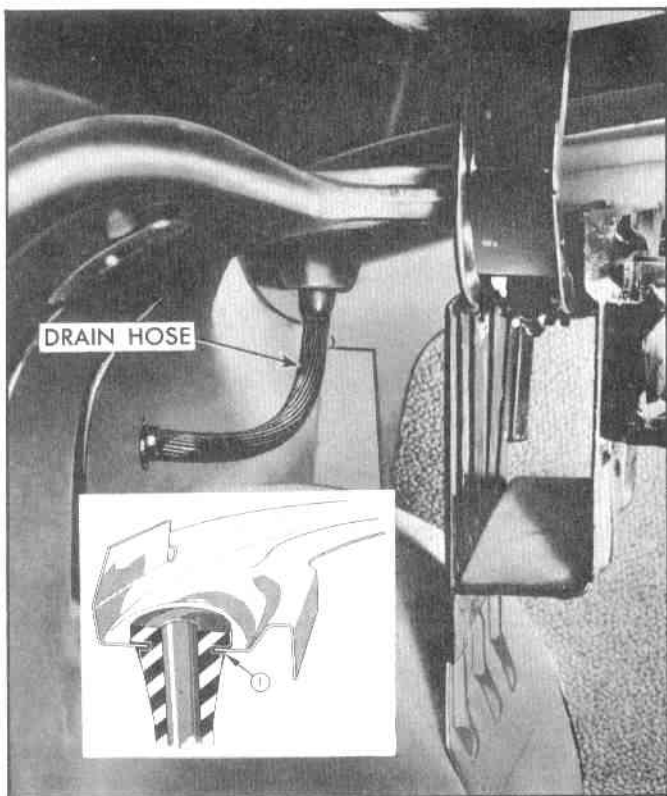
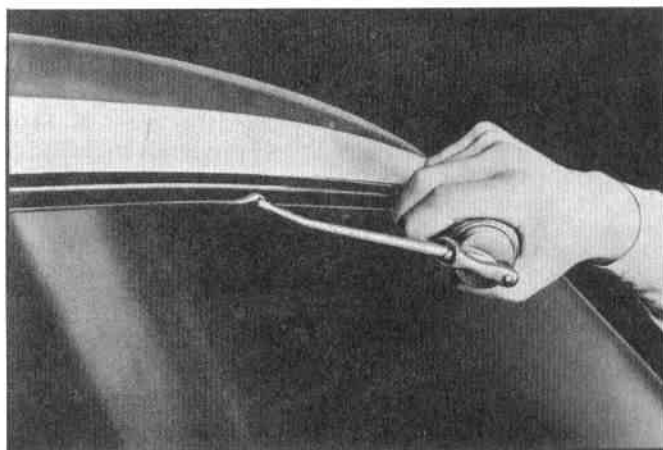
5. Apply a bead of medium-bodied sealer to the base of the rubber channel, completely around its perimeter as shown at "1". This sealer is to "bridge" the lower reveal molding clips.

6. Apply a 3/16" bead of medium-bodied sealer completely around the back window opening rabbet as indicated at "2".

NOTE: In cases where the upper reveal molding retaining clips are replaced, apply a 3/16" bead of medium-bodied sealer in the corner of the clip and connect this bead of sealer with the sealer previously applied in the corner of the back window opening rabbet as indicated in View "A", at "2" and "3".



7. With the aid of a helper, place the back window assembly into the body opening.
8. While pressing forcefully on the outside surface of the glass, have helper on the inside carefully pull the cord from the pinchweld cavity of the rubber channel, making sure that the rubber lip of the channel is properly engaging itself over the pinchweld flange.
9. Apply a bead of weatherstrip cement between the outer lip of the rubber channel and the back window completely around the window.
10. Install back window upper and corner reveal moldings.
11. Install back window garnish moldings. Clean off excess sealer and remove protective covers and masking tape.



BACK WINDOW GUTTER DRAIN HOSE

TWO AND FOUR DOOR SEDAN STYLES

REMOVAL

1. At the rear compartment side trim foundation, carefully move the foundation flap, adjacent to the hinge box, sufficiently to remove the drain hose from the hole in the rear quarter inner panel.
2. Remove the rear seat cushion and back and the back window side garnish moldings.
3. With a putty knife or suitable tool, carefully remove the parcel shelf trim from its cemented position on the shelf panel.
4. Using a suitable tool, loosen the cemented upper end of the drain hose, shown at "1", and carefully remove it from the body.

INSTALLATION

1. Apply weatherstrip cement around the upper end of the drain hose, as shown at "1". Then, thread the drain hose through the opening in the drain gutter.
2. From inside the rear compartment, draw the hose into position, as shown in the illustration. Then insert the hose through the hole in the rear quarter inner panel and apply sealer around hole.
3. Clean off any excess cement around the hose upper opening.
4. Install the remaining body hardware and trim parts.

REAR COMPARTMENT

ALL 1955 PONTIAC STYLES

The rear compartment has a compartment lid hinge assembly which employs two torque rods as a counterbalance and hold-open for the lid. Notches are provided at both hinge assemblies for torque rod adjustment. The rear compartment lid lock and striker are similar to past models. The rear compartment lid weatherstrip is a one-piece mechanically retained type. A mechanically retained weatherstrip inserting tool may be used to install the weatherstrip clips into the holes in the compartment lid inner panel.

REAR COMPARTMENT LID

REMOVAL AND INSTALLATION

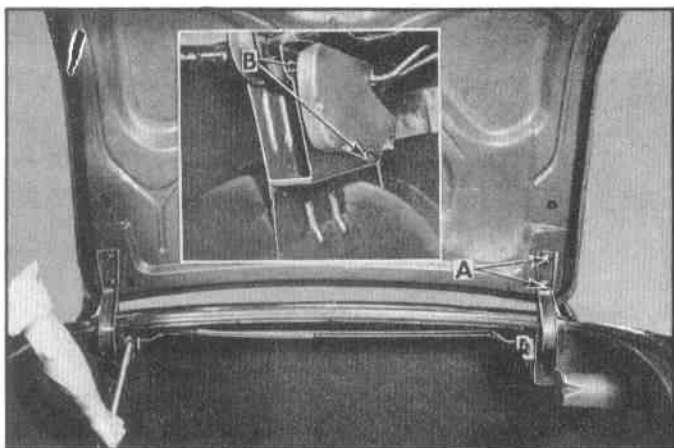
1. Open lid and place protective covers around the edges of the rear compartment opening to prevent damage to the finish.
2. Disconnect light wire at connector and pull wire from lid.
3. Scribe around the hinge straps on the lid inner panel to mark correct position of hinge straps on lid.

(continued on next page)

4. Remove the two (2) bolts located at each hinge strap at "A" and with the aid of a helper remove rear compartment lid.
5. To install the rear compartment lid, reverse the removal procedure, making sure that the hinge straps line up with the scribe marks on the lid inner panel.

ADJUSTMENTS

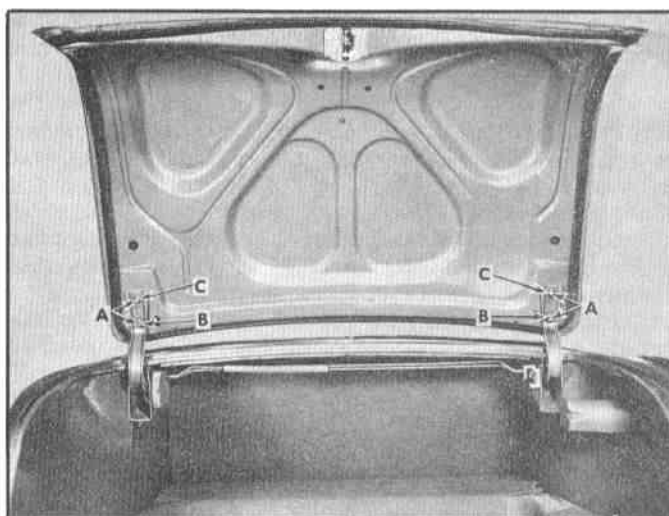
1. The rear compartment lid can be adjusted forward or rearward and from side to side in the rear compartment lid body opening through the use of elongated bolt holes in the hinge straps and movable bolt attaching plates in the lid. To adjust, loosen hinge strap retaining bolts "A", shift lid to required position and tighten bolts.
2. Shimming between the hinge strap and rear compartment lid inner panel may be used to raise or lower the hinge area of the lid in the opening.
 - a. To raise lid at hinge area, place a thin shim under forward edge of one or both hinge straps at "B" to obtain desired adjustment.
 - b. To lower lid at hinge area, place shims under rear end of lid hinge straps at "C" to obtain the desired adjustment.
3. The rear compartment lid lock striker may be adjusted to obtain proper lid lock engagement.



5. Disengage the torque rod from the lower movable portion of the hinge strap and remove torque rod.
6. Bend up retaining tab "A" and remove hinge retaining pin.
7. Remove hinge from the hinge box.

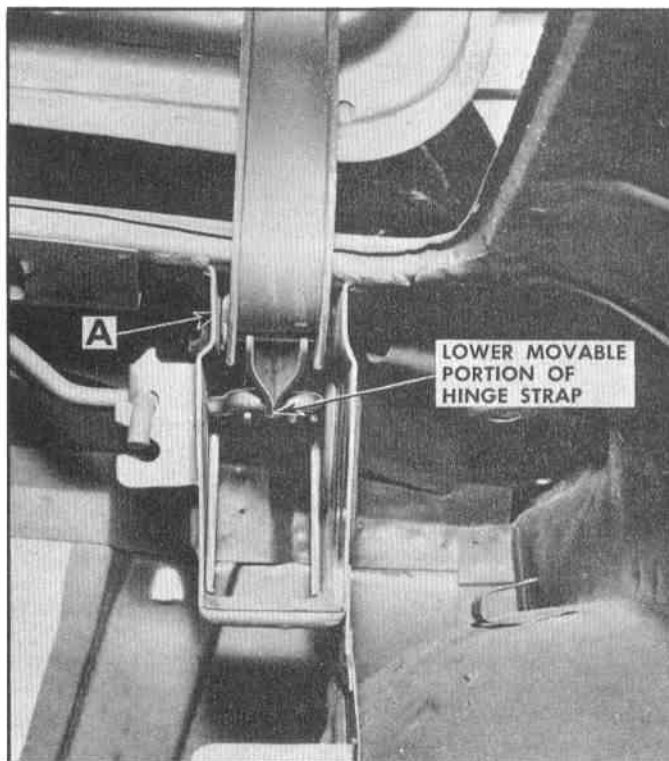
INSTALLATION

1. Position hinge in the hinge box and install the hinge pin.
2. Bend down the hinge pin retaining tab.
3. Install the hinge strap to the compartment lid, making sure that the strap lines up with the scribe marks on the lid inner panel.
4. Install the "U-Shaped" end of the torque rod to the hinge box, making certain that the outer end of the rod is engaged in the hole on the outboard face of the hinge box.
5. Engage the torque rod to the lower movable portion of the hinge strap and engage the other end of the rod to the previously marked notch on the inboard side of the opposite hinge box.



REAR COMPARTMENT LID HINGE REMOVAL

1. Protect body finish around upper portion of the rim of the rear compartment opening with a suitable covering and provide a support for the lid on the side where the hinge is to be removed.
 2. Scribe location of the hinge strap on the compartment lid inner panel and remove two (2) bolts "A", securing the lid to the hinge strap.
 3. At the left hinge remove torque rod cover retained by two (2) screws indicated at "B".
 4. Using a suitable length of pipe, disengage the torque rod from the retaining notches at the inboard face of the opposite hinge box.
- NOTE: Suitably mark the notch from which the torque rod was disengaged.



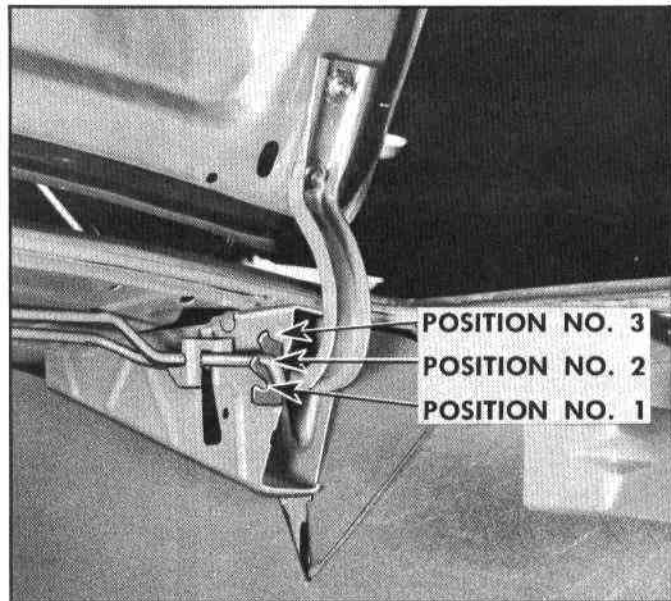
NOTE: The center of the rubber silencer should be positioned at the crossover point of the rods.

6. Install the torque rod cover to the left hinge box.
7. Check the alignment of the rear compartment lid and remove the protective covering.

ADJUSTMENTS

The torque rods on the rear compartment lid hinge assemblies can be adjusted to obtain the desired effort required to open and close the lid. With the torque rod set in Position #1, a decrease in the effort required to open the lid can be had by adjusting the torque rod to Positions #2 or #3. A corresponding increase in the effort required to close the lid results from this adjustment. With the torque rod set in position #3, a decrease in the effort required to close the lid can be had by adjusting the torque rod to Positions #2 or #1. A corresponding increase required to open the lid results from this adjustment.

It is not necessary to adjust the left and right hand torque rods at the same time or to the same final position of adjustment. If adjustment is required at the left torque rod, it is necessary to first remove the torque rod cover retained by two (2) screws.



COMPARTMENT LID LOCK CYLINDER

REMOVAL AND INSTALLATION

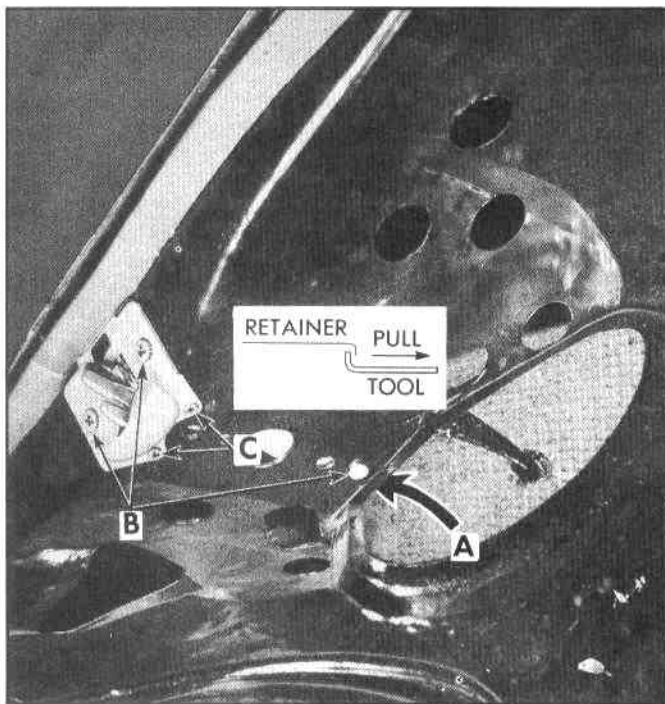
The key-operated lock cylinder is held to the rear compartment lid outer panel by a sliding retainer located between the lid outer and inner panels.

1. Through the rear compartment lid inner panel opening, indicated by arrow "A", insert a suitable hooked tool to pull the lock cylinder retainer away from the lock cylinder.
2. Remove the lock cylinder and gasket from the outer panel of the rear compartment lid.
3. To install, reverse removal procedure after weathersealing lock cylinder gasket to the lid outer panel.

REAR COMPARTMENT LID LOCK

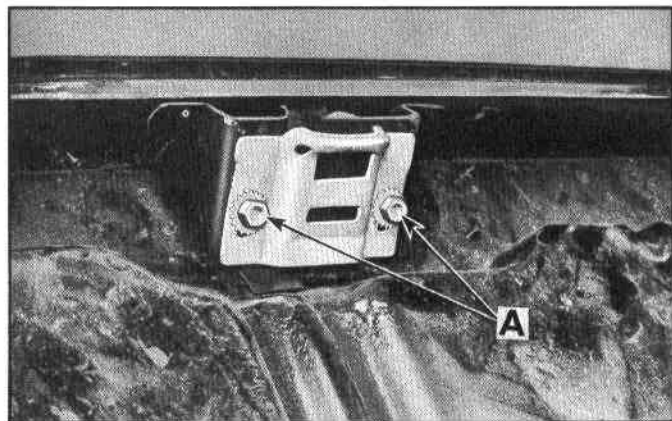
REMOVAL AND INSTALLATION

1. Remove the rear compartment lid lock cylinder.
2. Remove lid lock to lid inner panel screws "B".
3. Remove cover plate to lid inner panel screws "C", and remove the complete lock and cover plate assembly from lid.
4. To install, reverse removal procedure.



REAR COMPARTMENT LID LOCK STRIKER

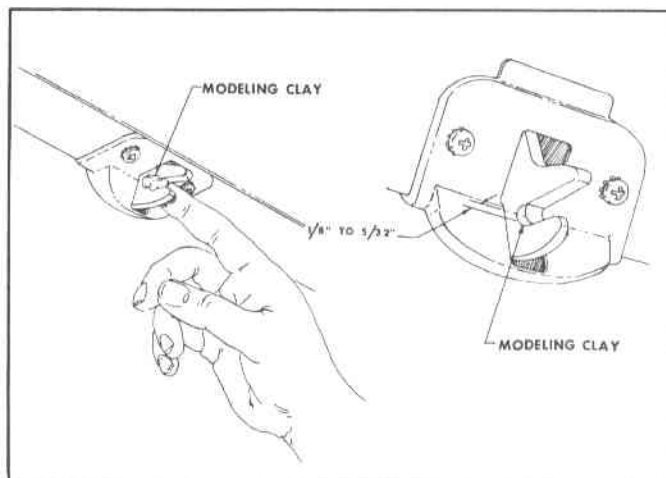
The rear compartment lid lock striker is mounted to a striker anchor plate at the center line of the body at the rear of the compartment lid opening and is removed by taking out attaching bolts "A". The bevelled anchor plate mounting surface allows the striker, through slotted holes at the attaching points, to be adjusted primarily up and down. At the same time, a slight corresponding rearward and forward adjustment is available. In extreme adjustment cases, an emergency spacer or shim can be installed to obtain proper lock bolt and striker engagement.



LID LOCK BOLT AND STRIKER ENGAGEMENT CHECK

To check for proper engagement of the rear compartment lid lock bolt with the lock striker, use the following procedure:

1. Insert a small quantity of modeling clay at the bottom of the bolt slot, as shown opposite, and close lid with moderate force.
2. Open lid and check the amount of engagement of the lock bolt with striker as indicated by the compression of the clay. With a rule, carefully measure the distance between the base of the "U" in the clay to the base of the "U" in the lock bolt. This dimension should be $1/8"$ to $5/32"$.
3. Adjust striker as required and if necessary, use a spacer which is available as a service part, for extreme cases of lid lock striker adjustment. Tighten all attaching screws.

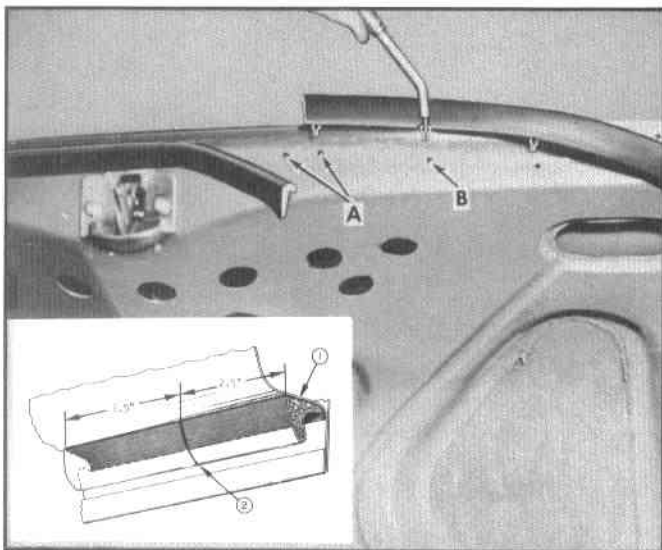


REAR COMPARTMENT LID WEATHERSTRIP

REMOVAL

SPECIAL NOTE: In some instances a cemented-on-type rear compartment lid weatherstrip, comparable to that used on the past model, may be used on 1955 styles.

1. Using a mechanically retained weatherstrip inserting tool or some other suitable tool, remove rear compartment lid weatherstrip by removing the weatherstrip clips from the holes in the lid inner panel. This can be accomplished by inserting the tip of the tool under the weatherstrip next to each clip and carefully snapping the clip out of the hole in the lid inner panel.



INSTALLATION

NOTE: Service replacement weatherstrips are longer than required but should not be cut until after clips are installed to the lid inner panel. All weatherstrip clip holes in the compartment lid are evenly spaced except two (2) holes at the rear of the lid, which are closer together.

1. At the rear of the compartment lid, locate the two (2) clip holes "A", which are closer together than the other holes.
2. Insert the second clip on the weatherstrip into clip hole "B". This will place the butt joint of the weatherstrip between holes "A". To install clips into holes, place "V-Shaped" tip of weatherstrip inserting tool on loop of clip, then push clip until it snaps into position in the hole.

NOTE: Do not use excessive force or strike the tool when pushing clips into holes as it may distort the shape of the clip, resulting in improper weatherstrip retention.

3. Install all clips into the clip holes except at holes "A".
4. Accurately cut and trim weatherstrip to proper length.
5. Apply weatherstrip cement to the surface of the rear compartment lid for a distance of $2-1/2"$ each side of the butt joint, as indicated at "1". Also apply cement to the butt ends of the weatherstrip.
6. Install the two (2) remaining weatherstrip clips into holes "A". Form a butt joint, as indicated at "2", with the ends evenly matched to provide a continuous seal.

REAR COMPARTMENT LID BUMPER

The rear compartment lid is equipped with two (2) bumpers at the bottom of the lid, each attached by two (2) screws to a movable anchor plate between the rear compartment lid inner and outer panels. The bumpers are provided to prevent chipped paint due to overslamming the lid.

ADJUSTMENTS

1. Raise rear compartment lid and detach weatherstrip sufficiently to loosen bumper attaching screws.
2. Adjust bumpers so that they extend $3/32"$ below the edge of the lid.