

## SECTION 14

# DOOR, QUARTER AND SHELF TRIM

### INDEX

Subject	Page	Subject	Page
Introduction . . . . .	14-1	Spare Tire Cover Panel . . . . .	14-13
Door Pull Handles . . . . .	14-1	Rear Quarter Front Trim Panel - Right or Left ("A" Body Station Wagon Styles) . . . . .	14-14
Door Arm Rests . . . . .	14-2	Wheelhouse Trim Cover Panel - Right Side ("A" Body Station Wagon Styles) . . . . .	14-14
Door Inside Handles . . . . .	14-2	Rear Quarter Rear Trim Panel - Left Side ("A" Body Station Wagon Styles) . . . . .	14-14
Door Trim Assemblies (Except Corvair) . . . . .	14-3	Compartment Shelf Trim - All except "E" Styles . . . . .	14-15
Door Trim Assemblies (Corvair) . . . . .	14-6	Compartment Shelf Center Finishing Panel - Oldsmobile and Buick "E" Styles . . . . .	14-16
Rear Quarter Trim . . . . .	14-7	Compartment Shelf Side Finishing Panels - Oldsmobile and Buick "E" Styles . . . . .	14-16
Rear Quarter Window Regulator Handle . . . . .	14-7	Compartment Shelf Side and Center Trim Panels - Cadillac "E" Styles . . . . .	14-17
Rear Quarter Arm Rests . . . . .	14-7		
Rear Quarter Trim Assembly (2-Door Styles) . . . . .	14-8		
Rear Quarter Lower Trim ("A-80" Style and All 4-Door Styles Except Station Wagons) . . . . .	14-10		
Rear Quarter Trim Panel - Left Side ("B" Body Station Wagons) . . . . .	14-10		
Rear Quarter Wheelhouse Cover Panel - Right Side ("B" Body Station Wagon Styles) . . . . .	14-11		

### INTRODUCTION

This section of the manual contains the service operations that are necessary for the removal and installation of door, rear quarter and compartment shelf trim assemblies.

Body series or style references in the procedures are explained under "General Information", Section I of this manual.

### DOOR PULL HANDLES

Two methods are used to secure door pull handles on 1968 model passenger vehicles. The most common method attaches the handle to the trim pad with clips or screws on the outboard (reverse) side of the trim assembly prior to trim installation, and, then, additionally secures the handle to the door with screws installed from the inboard side after trim installation. With this method of installation, to remove only the pull handle requires removal of the entire door trim assembly. This type of handle is used on all styles except Buicks and Chevrolet and Pontiac "F" Styles.

The door pull handle on Buick styles and Chevrolet and Pontiac "F" Styles is retained by screws inserted through the handle hinges into the door inner panel after trim installation. As shown in Figure 14-1 the handle can be removed simply by removing the screws.

To remove the door trim assembly on any style with a door pull handle requires removal of the screws inserted through the handle hinges or escutcheons into the door inner panel. On Cadillac

68069-169 Styles, it is necessary to remove snap-on escutcheons from the handle hinges to expose the screws.

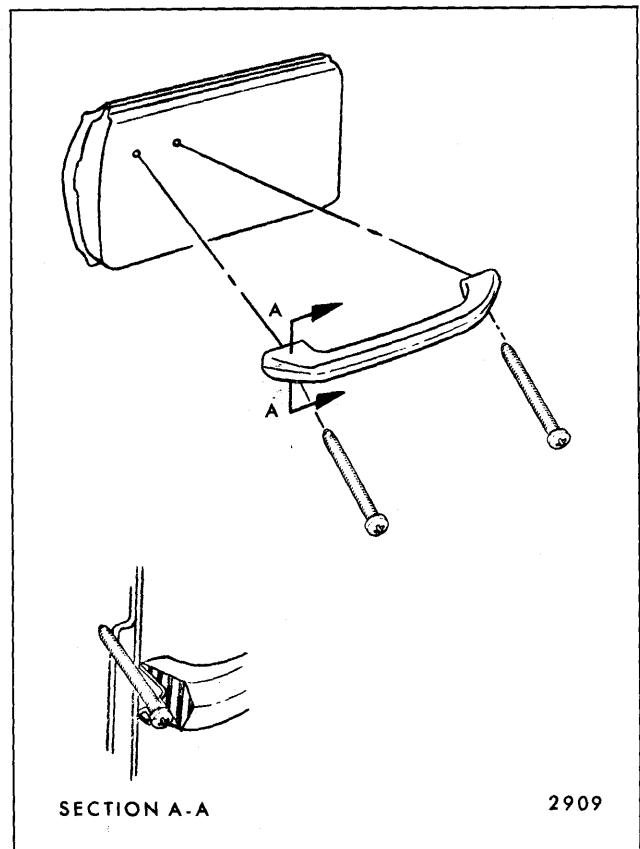


Fig. 14-1—Applied - Type Door Pull Handle

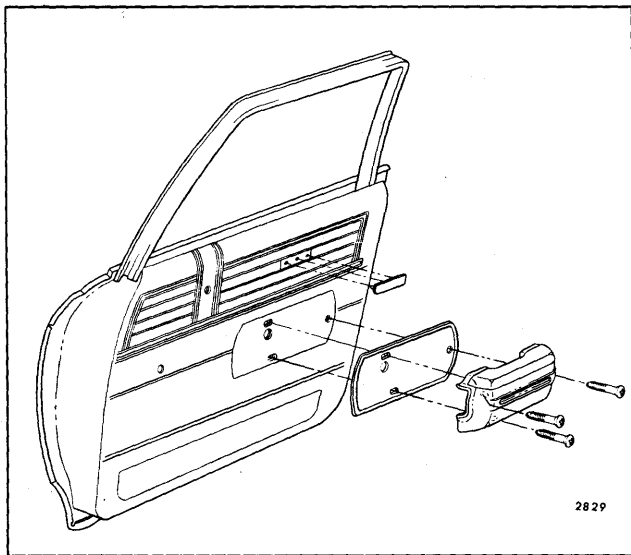


Fig. 14-2—Applied - Type Door Arm Rest - "A" Style Shown, "B-X" Styles Similar

## DOOR ARM RESTS

There are three basic types of door arm rests: those applied after door trim installation, those assembled to the door trim prior to trim installation and arm rests which are an integral part of the door trim assembly and, consequently, are not serviced as a separate service part.

Arm rests can be removed independent of the door trim assembly on all styles except Buick 48400 series and "E" body styles with deluxe trim, Cadillac Styles, Pontiac 26200 series, and Oldsmobile 38400-38600 series except the 38469 Style. On Cadillac styles and Pontiac 26200 series styles, the arm rest is an integral part of the door trim assembly and cannot be removed as a separate item (Fig. 14-5). On the remaining styles described above, the arm rest can be removed in a bench operation after the door trim and arm rest assembly has been removed from the door (Fig. 14-4).

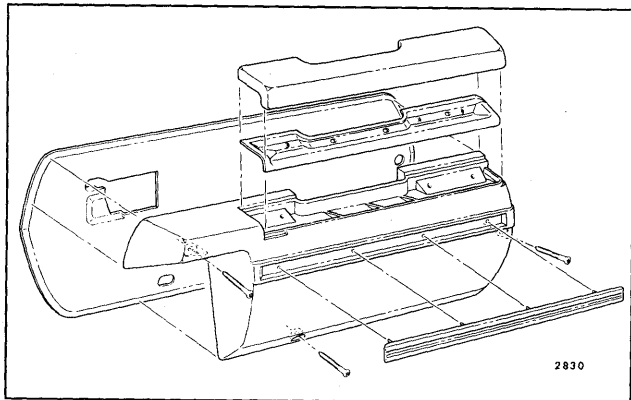


Fig. 14-3—Applied - Type Door Arm Rest - Buick - Oldsmobile "E" Styles with Standard Trim

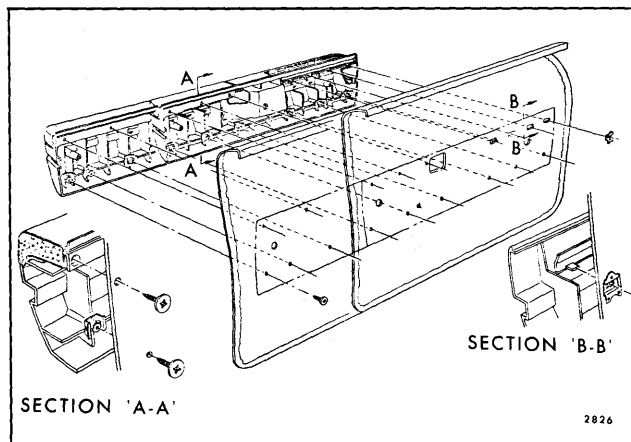


Fig. 14-4—Door Arm Rest Installation - "C" and "E" Styles

## DOOR INSIDE HANDLES

Door inside handles are retained either by screws or spring clips. On styles with screw retained handles, the screws are either exposed or covered only by an applied type arm rest that can be removed by the removal of several screws (Fig. 14-6).

Spring-clip retained handles require the use of tool J-7797 to disengage the clip from the window regulator or remote control spindle.

### Removal and Installation (Spring-Clip Retained)

1. Depress door trim assembly sufficiently to

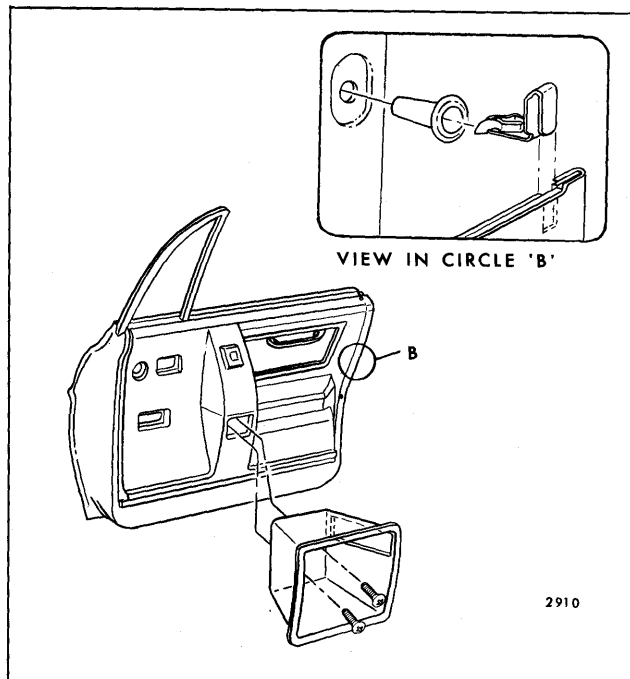


Fig. 14-5—Door Trim Assembly with Integral Arm Rest - Pontiac Shown, Cadillac Similar

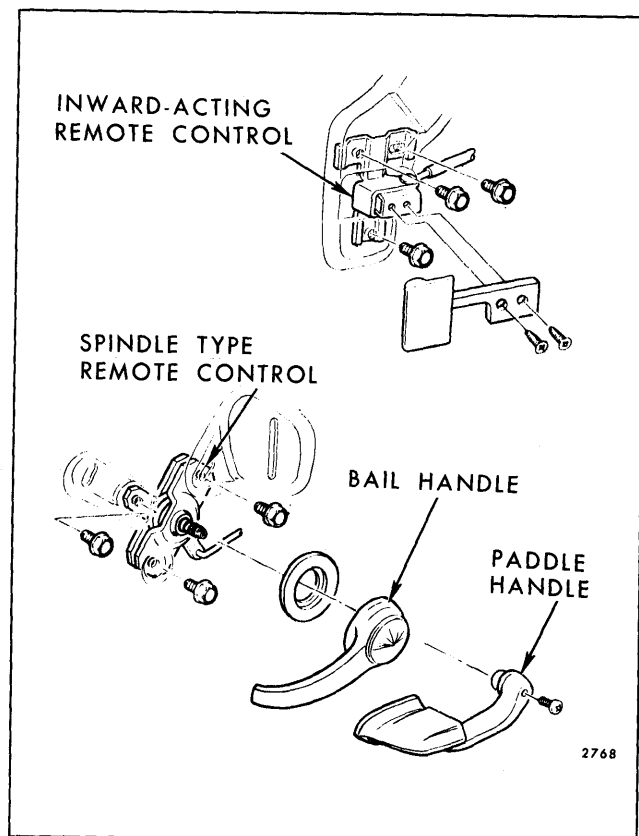


Fig. 14-6—Door Lock Remote Control Handles

permit inserting tool J-7797 between handle and plastic bearing plate.

2. With tool in same plane as handle as shown in Figure 14-7, push tool as indicated to disengage clip. Pull handle inboard to remove from spindle.
3. To install, engage retaining clip on handle. On ventilator and window regulator spindles, position handle at same angle as opposite side handle and press handle outboard until clip engages spindle. On remote control spindles, put handle in horizontal position.

## DOOR TRIM ASSEMBLIES (All Styles Except Corvair)

On all styles except the Chevrolet Corvair, the door trim assembly is secured to the door by a metal trim support which hangs over the door inner panel across the top, by clips or nails down the sides, and by screws across the bottom. On some upper series styles, additional retention is obtained from arm rest and pull handle attaching screws (Fig. 14-8).

### Removal and Installation

1. Remove all door inside handles as previously described.

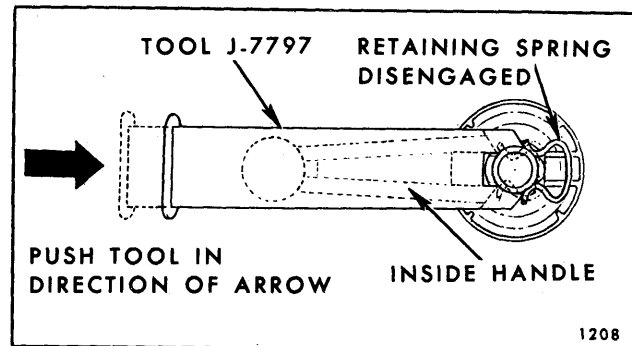


Fig. 14-7—Door Inside Handle Removal - Spring Clip Retained

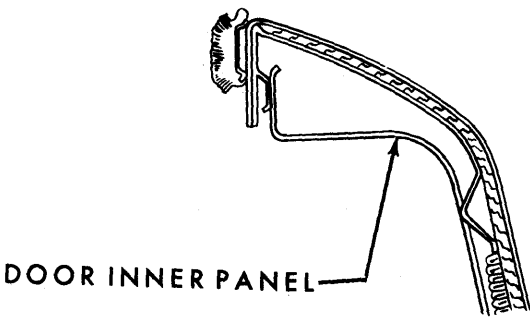
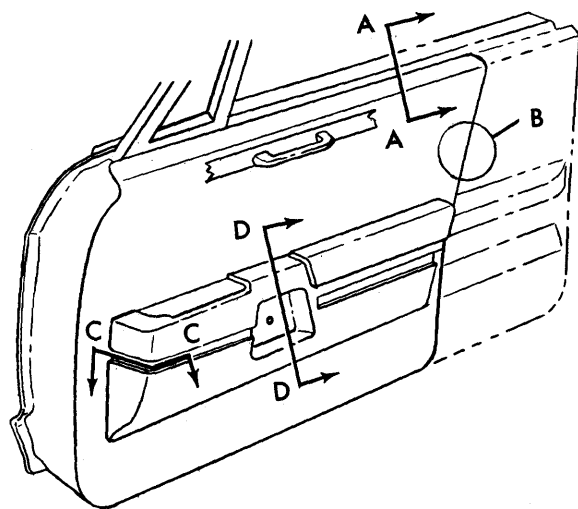
2. Remove door inside locking rod knob.
3. On styles with door pull handles, remove screws inserted through handle into door inner panel. On some styles, removal of these screws removes handle. On most styles, handle will still be retained to trim pad. Refer to "Door Pull Handles" for specific types of retention.

**NOTE:** On Buick 48400 and 49400 series, screws hidden under pull handle must be removed to permit trim pad removal (Fig. 14-9).

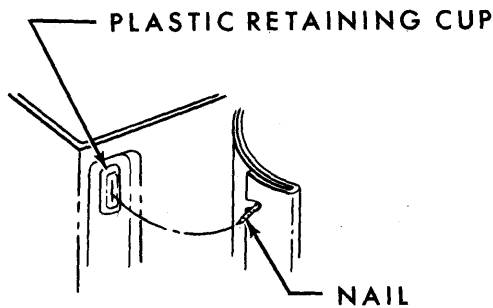
4. On styles with switch cover plate in door arm rest (Fig. 14-10), remove screws securing cover plate and disconnect switches and vacuum door lock actuator, if present, from wire harness connectors and vacuum hoses.
5. On Cadillac styles, Pontiac 26200 series styles and "E" body styles, remove screws securing remote control cup (Fig. 14-11) and remove cup. On Cadillac styles only, remove screws previously hidden by cup which secure arm rest base to door inner panel (Fig. 14-11).
6. On Oldsmobile 38000 and Buick 48000 series, remove arm rest moldings to expose arm rest to door inner panel attaching screws located under moldings (Fig. 14-10).

To remove moldings, remove screw at front of front molding and rear of rear molding. Slide molding off retainer as indicated in illustration.

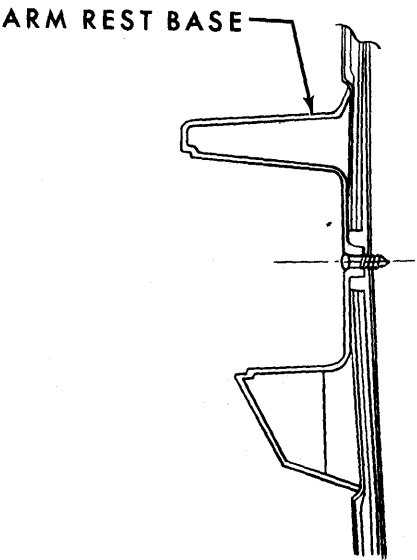
7. On Cadillac styles, remove door warning lamp as indicated in Figure 14-12 to enable removing trim pad retaining screw located behind lamp.
8. On styles with pull cup in door arm rest, remove screws inserted through base of cup into arm rest hanger plate.



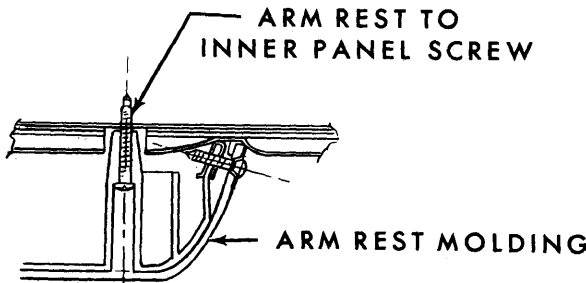
SECTION A-A



VIEW B



SECTION D-D



SECTION C-C

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Fig. 14-8—Door Trim Assembly Retention

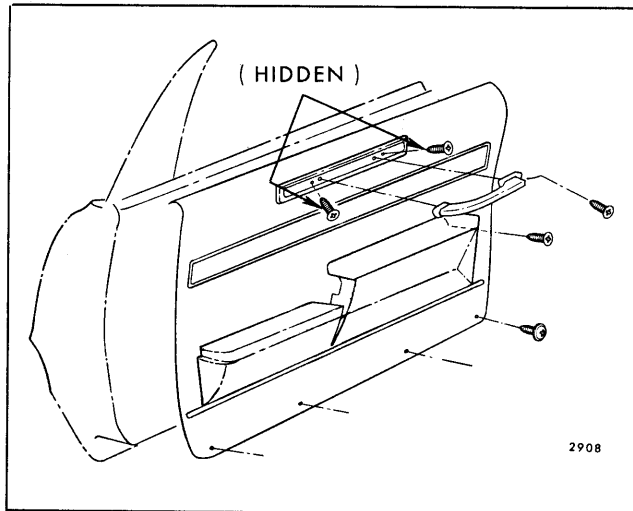


Fig. 14-9—Door Trim Panel and Pull Handle Retention  
Buick 48400 Series

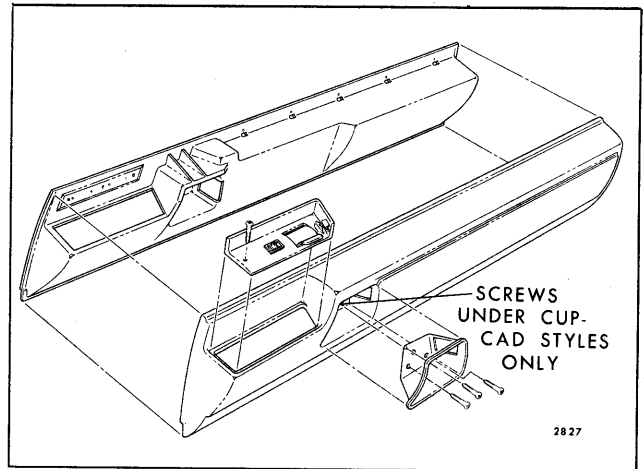


Fig. 14-11—Door Arm Rest - Cadillac Styles

9. On Cadillac "E" styles, remove ash tray and cigar lighter at rear of left side door arm rest to expose trim retaining screw.

10. Remove all screws down both sides and across bottom of door trim pad.
11. Starting at a lower corner, insert tool J-6335 between door inner panel and trim assembly. Working upward, carefully disengage retaining

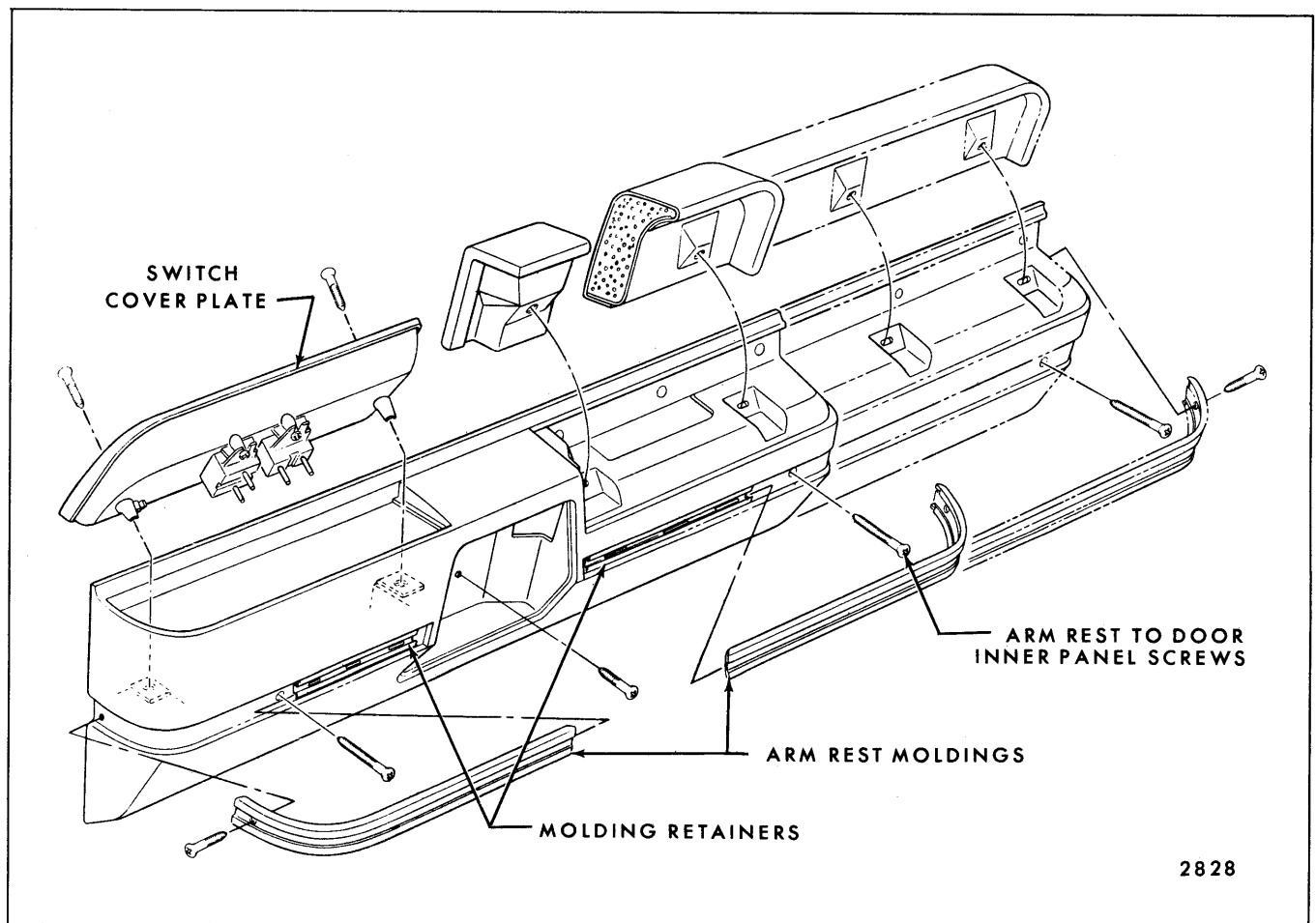


Fig. 14-10—Door Trim Pad Removal - Oldsmobile - Buick "C" Styles

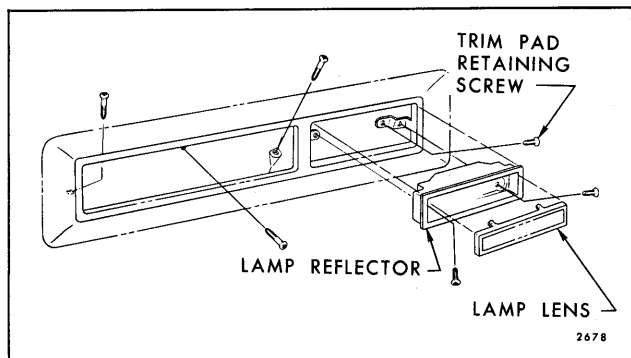


Fig. 14-12—Door Warning Lamp - Cadillac Styles

nails or clips from plastic cups inserted in door inner panel (Fig. 14-5 or 14-8).

**NOTE:** Use care not to damage door inner panel water deflector or plastic cups as they must form a watertight seal.

12. Lift trim assembly upward and slide it slightly rearward to disengage it from door inner panel at the beltline. On styles with vacuum door lock or electric window switches located in the door trim assembly, disconnect vacuum hoses and/or wire harness and remove trim assembly from door.
13. To install door trim assembly, reverse removal procedure.

On "B-C" hardtop styles, the door trim assembly can be adjusted in-or-out at the rear so as not to restrict door window operation. On styles without a door window ventilator,

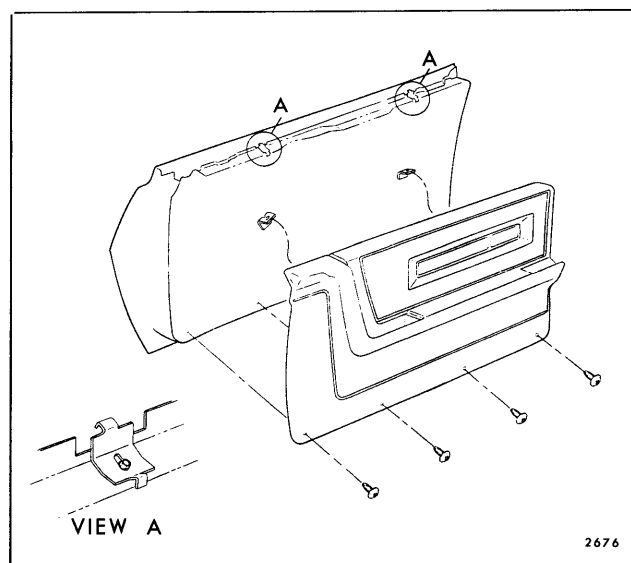


Fig. 14-13—Door Trim Assembly Adjustment - Cadillac "E" Style Shown

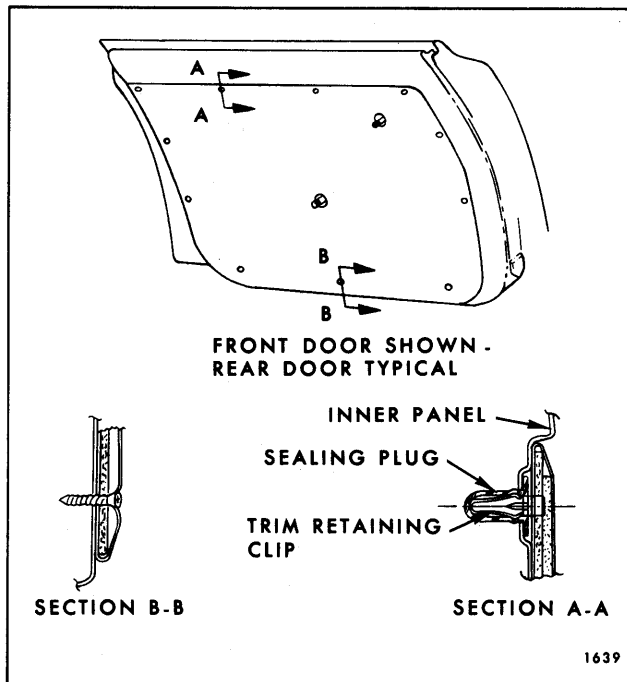


Fig. 14-14—Door Trim Pad Removal - Corvair Styles

the trim assembly can be adjusted in-or-out at both the front and rear (Fig. 14-13).

## DOOR TRIM ASSEMBLIES

### Corvair Styles

Both front and rear door trim pads are retained by clips across the top and down the sides and by screws across the bottom. The clips are attached to the reverse side of the trim pad and are installed into plastic sealing plugs inserted in piercings in the door inner panel. The screws are installed from the exposed side of the trim pad and are readily accessible for removal.

### Removal and Installation

1. Apply masking tape as protective covering to door inner panel painted surfaces adjacent to top and front edges of trim pad.
2. Remove door inside handles and door arm rest as previously described.
3. Carefully insert tool J-6335, or an equivalent flat-bladed tool, between door trim assembly and door inner panel at retaining clip locations and disengage clips from plastic sealing plugs (Fig. 14-14).
4. Remove screws from across bottom and remove trim pad from door.
5. To install, reverse removal procedure.

## REAR QUARTER TRIM

### REAR QUARTER WINDOW REGULATOR HANDLE

#### Removal and Installation

1. Depress quarter trim assembly sufficiently to permit insertion of tool J-7797 between handle and plastic bearing plate (Fig. 14-15). As shown in illustration, tool must be in same plane as handle.
2. Push tool to disengage handle spring from spindle and remove bearing plate and handle.
3. To install, engage retaining spring on handle (open end of clip toward handle). Position handle on spindle at same angle as opposite side handle and push outboard until spring engages spindle.

### REAR QUARTER ARM REST

There are three types of arm rests:

- A. Applied arm rests, which are retained by two screws inserted through the arm rest base into the quarter inner panel (Fig. 14-16).
  - B. Floor mounted arm rests which are retained by screws inserted through the arm rest assembly into brackets on the inner panel (Fig. 14-17).
- NOTE:** On all convertible styles except Cadillac, the floor mounted arm rest is subassembled to the folding top compartment side trim panel and must be removed as an assembly (Fig. 14-18).
- C. Arm rests which are an integral part of the quarter trim assembly and cannot be removed or serviced independently.

#### Removal and Installation

1. On styles equipped with applied arm rest, re-

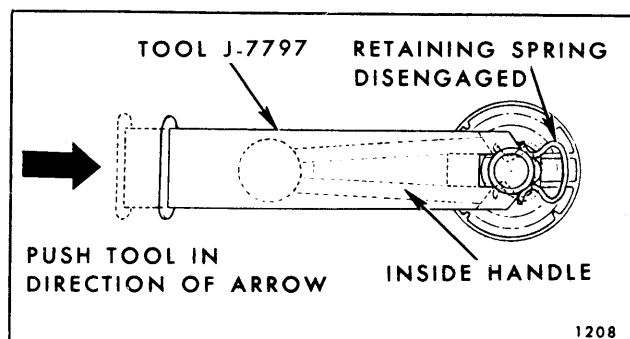


Fig. 14-15—Quarter Window Handle Removal

move two screws in arm rest base and remove arm rest from trim pad.

2. On styles equipped with floor mounting arm rest, perform the following:
  - a. Remove rear seat back and cushion assemblies as described under "Rear Seats".
  - b. On "C" Body "47" Styles equipped with shoulder straps, remove lower screw on shoulder strap buckle retainer as described in "Seat Belt" Section.
  - c. On convertible styles, remove exposed screws securing folding top compartment side trim panel (Fig. 14-18).
  - d. On styles equipped with seat back to quarter filler panel, except "F" and Buick-Olds "E" Styles, remove attaching screws and remove filler panel.

On "F" Styles, filler panel is removed with arm rest as an assembly. Remove compartment front trim panel to expose filler panel inboard attaching screws (Fig. 14-19).

On Olds - Buick "E" Styles, filler panel is removed after arm rest.

- e. On all styles remove all arm rest attaching screws present at front, rear and bottom of arm rest assembly.

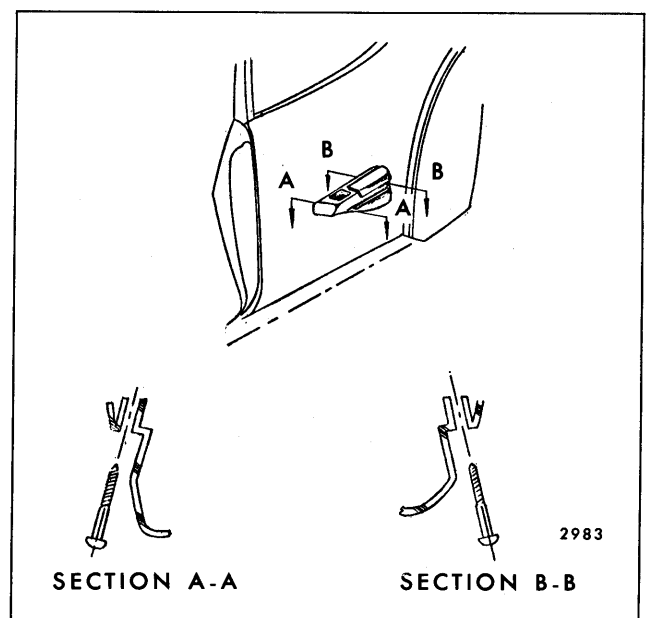


Fig. 14-16—Applied - Type Quarter Arm Rest

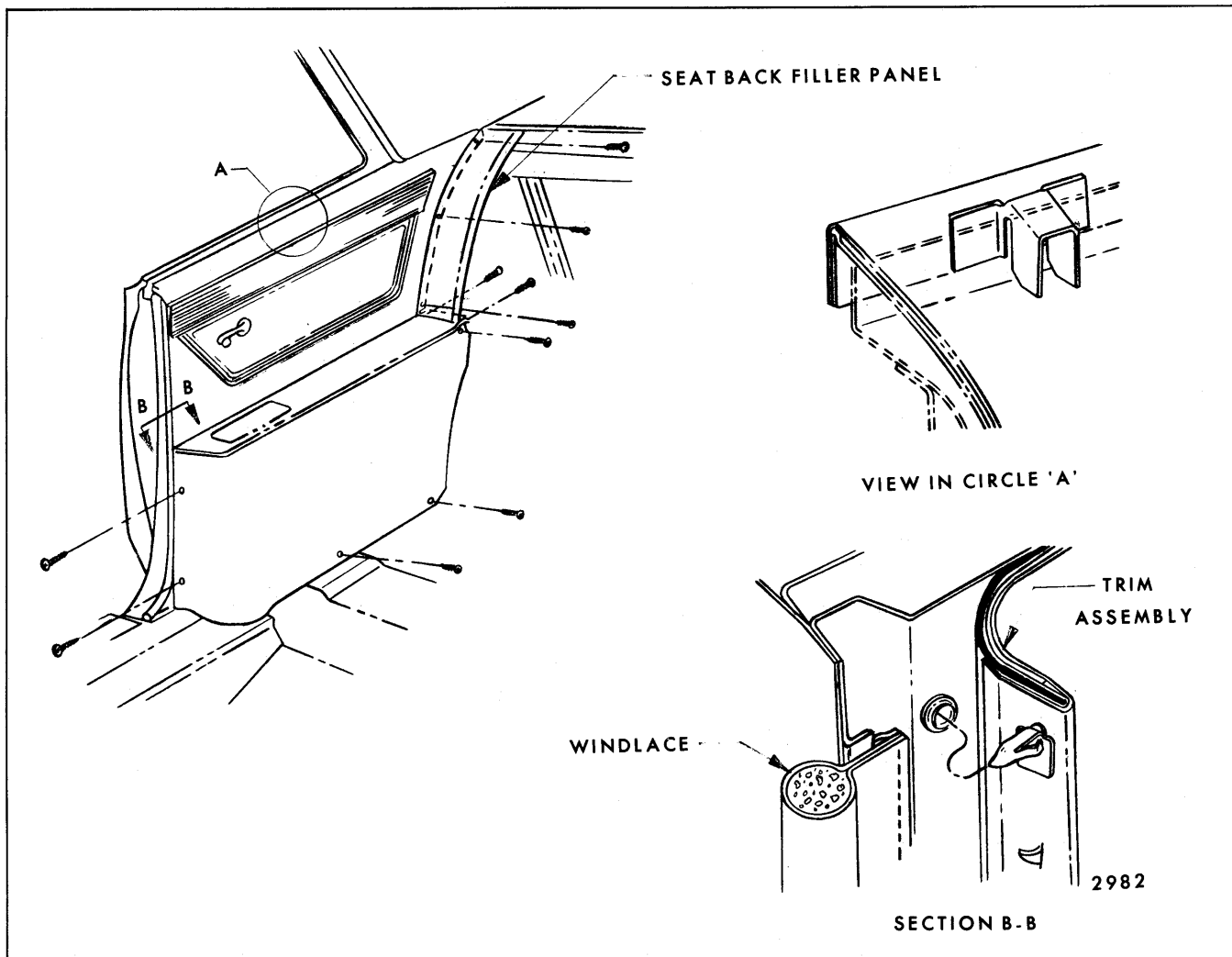


Fig. 14-17—Rear Quarter Trim - "A" Styles

- f. On styles equipped with rear quarter lamp assemblies, disconnect lamp as shown in Figure 14-20.
- g. On styles with other electrical devices in arm rest assembly, carefully detach arm rest from rear quarter inner panel sufficiently to disconnect wire harness connectors. Figures 14-21 and 14-22 are indicative of electrical installation in rear quarter arm rests. Lift arm rest in an upward, inboard movement and remove assembly from rear quarter inner panel.

**NOTE:** On convertible styles, folding top compartment side panel and arm rest are removed as an assembly. As a bench operation, the arm rest assembly can be removed from the folding top compartment side trim assembly by removing screws installed on reverse side.

**NOTE:** On all Cadillac styles, the arm

rest is an integral part of the quarter trim assembly and must be removed as an assembly with the quarter trim.

3. To install, reverse removal procedure.

## REAR QUARTER TRIM ASSEMBLY— Two-Door Styles

### Removal and Installation

1. On all except "F" Styles, with folding rear seat, remove rear seat back and cushion assemblies as described under "Rear Seats". On "F" Styles with folding rear seat, lower folding rear seat back.
2. Remove window regulator handle and shoulder strap buckle retainer if so equipped.
3. On styles with floor mounted or applied arm rest, remove arm rest as previously described.



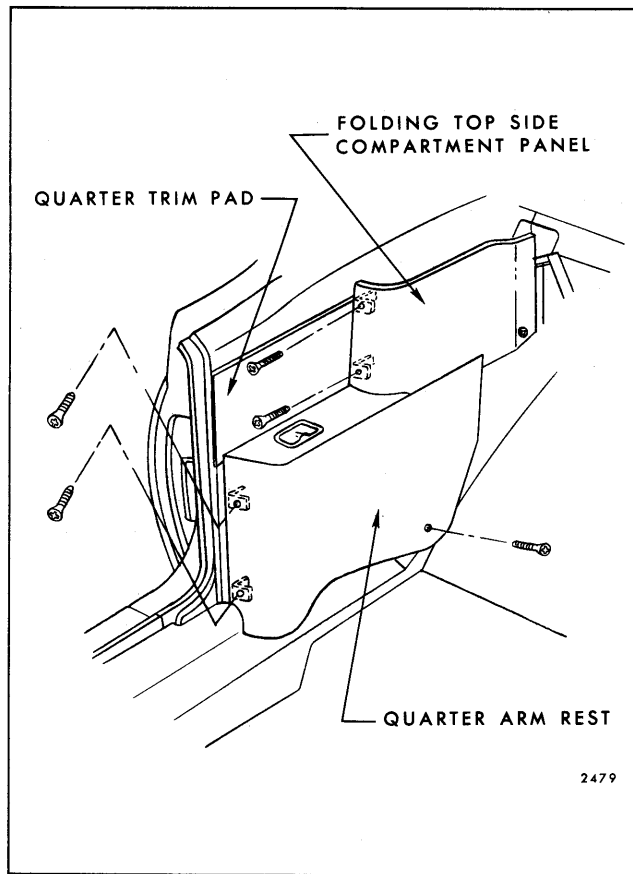


Fig. 14-18—Rear Quarter Trim - "67" Styles

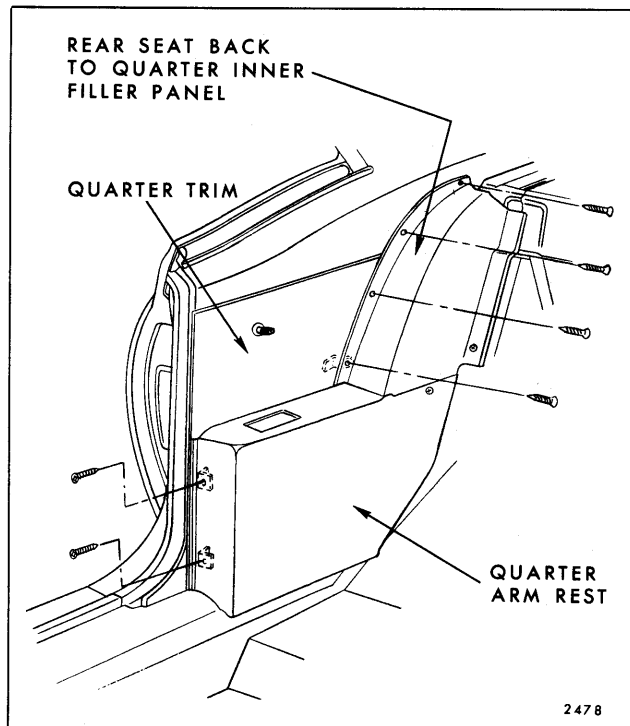


Fig. 14-19—Rear Quarter Trim - "F-37" Styles

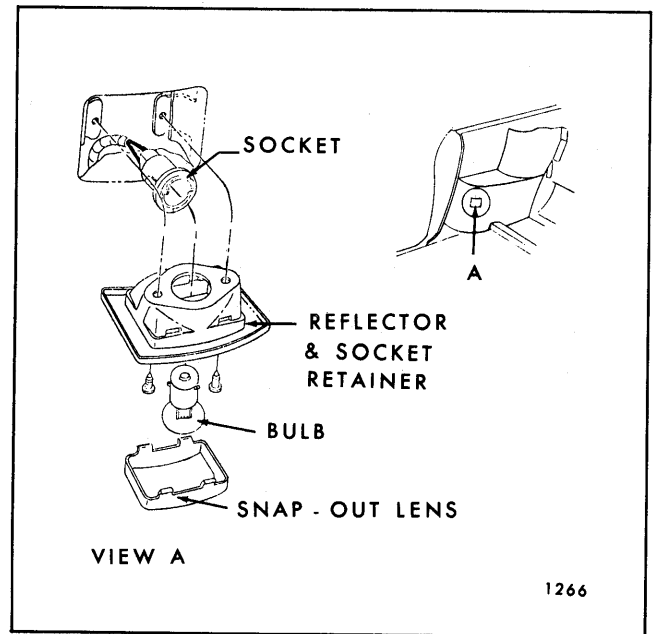


Fig. 14-20—Rear Quarter Arm Rest Courtesy Lamp

4. On Cadillac "E" Styles, remove screw securing compartment side finishing molding to quarter trim (Fig. 14-23).
5. Remove all screws securing trim assembly (Figs. 14-24, 14-25 and 14-23).
6. On styles with body lock pillar finishing lace, remove door sill plate and disengage finishing lace from lock pillar pinchweld flange. Carefully break cement bond securing leading edge

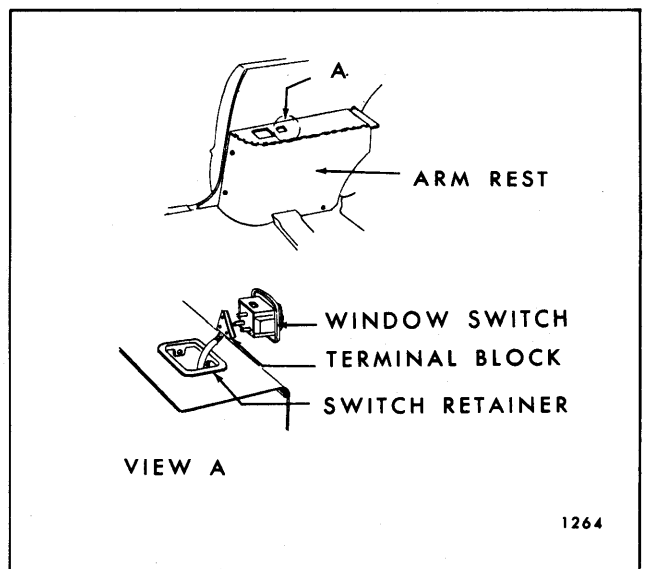


Fig. 14-21—Rear Quarter Arm Rest Window Switch

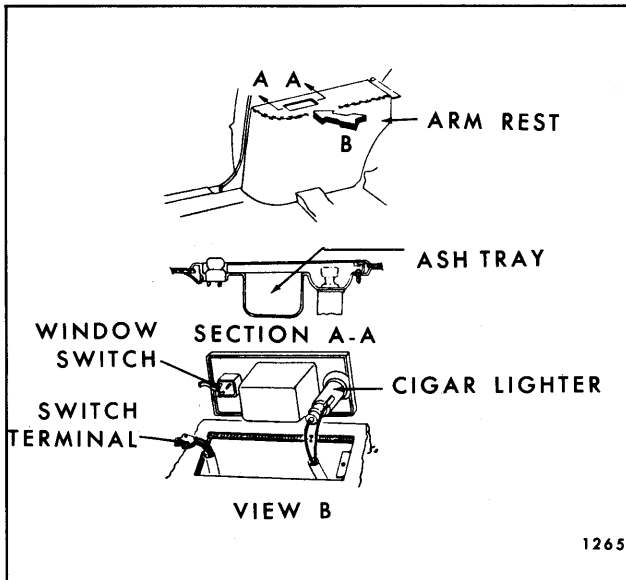


Fig. 14-22—Rear Quarter Arm Rest Ash Tray and Cigar Lighter

of trim assembly to pinchweld flange and remove trim assembly.

7. On styles with body lock pillar windlace, use trim panel removing tool J-6335 or equivalent to disengage retaining nails from tacking strip (Fig. 14-24) or retaining clips from plastic retaining plugs (Fig. 14-17).
8. Lift trim assembly upward to disengage from retainers at top of quarter panel and remove trim assembly from body.
9. To install rear quarter trim assembly, reverse removal procedure.

**NOTE:** Trim pad replacement nailing tabs, retaining clips and plastic retaining plugs are available as service parts.

### REAR QUARTER LOWER TRIM "A-80" Style and All Four-Door Styles Except Station Wagons

#### Removal and Installation

1. Remove rear seat back and cushion assemblies.
2. Remove side roof rail rear finishing molding or rear body lock pillar pinchweld finishing lace.
3. On styles with exposed screws securing trim panel to quarter inner lower panel, remove screws.

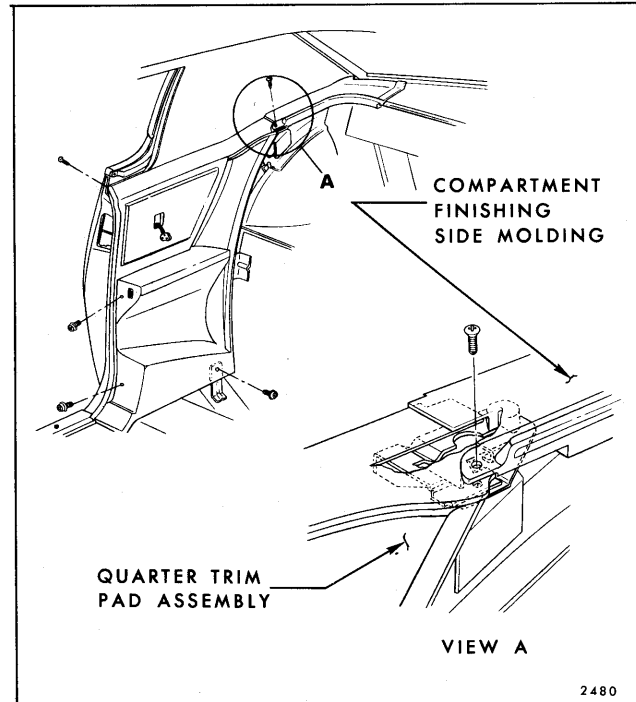


Fig. 14-23—Rear Quarter Trim Assembly - Cadillac "E" Styles

4. On "B" and "C" Styles, insert tool J-6335 or equivalent under leading edge of trim and pry retaining nails from tacking strip (Fig. 14-26).
5. On "A" and "X" Styles, carefully break cement bond securing leading edge of trim to lock pillar pinchweld flange (Figs. 14-27 and 14-28).
6. Lift trim assembly upward to disengage it from clip retainer at beltline and remove trim assembly from body.
7. To install trim assembly, reverse removal procedure.

### REAR QUARTER INNER TRIM PANEL (Left Side)—"B" Body Station Wagon Styles

#### Removal and Installation

1. Remove rear quarter stationary window front and lower garnish moldings.
2. Remove compartment pan side filler panel and compartment floor panel assembly (at kick-up) as described under "Station Wagon Rear Seats".
3. Remove all screws securing trim panel to rear quarter inner panel (Fig. 14-29).

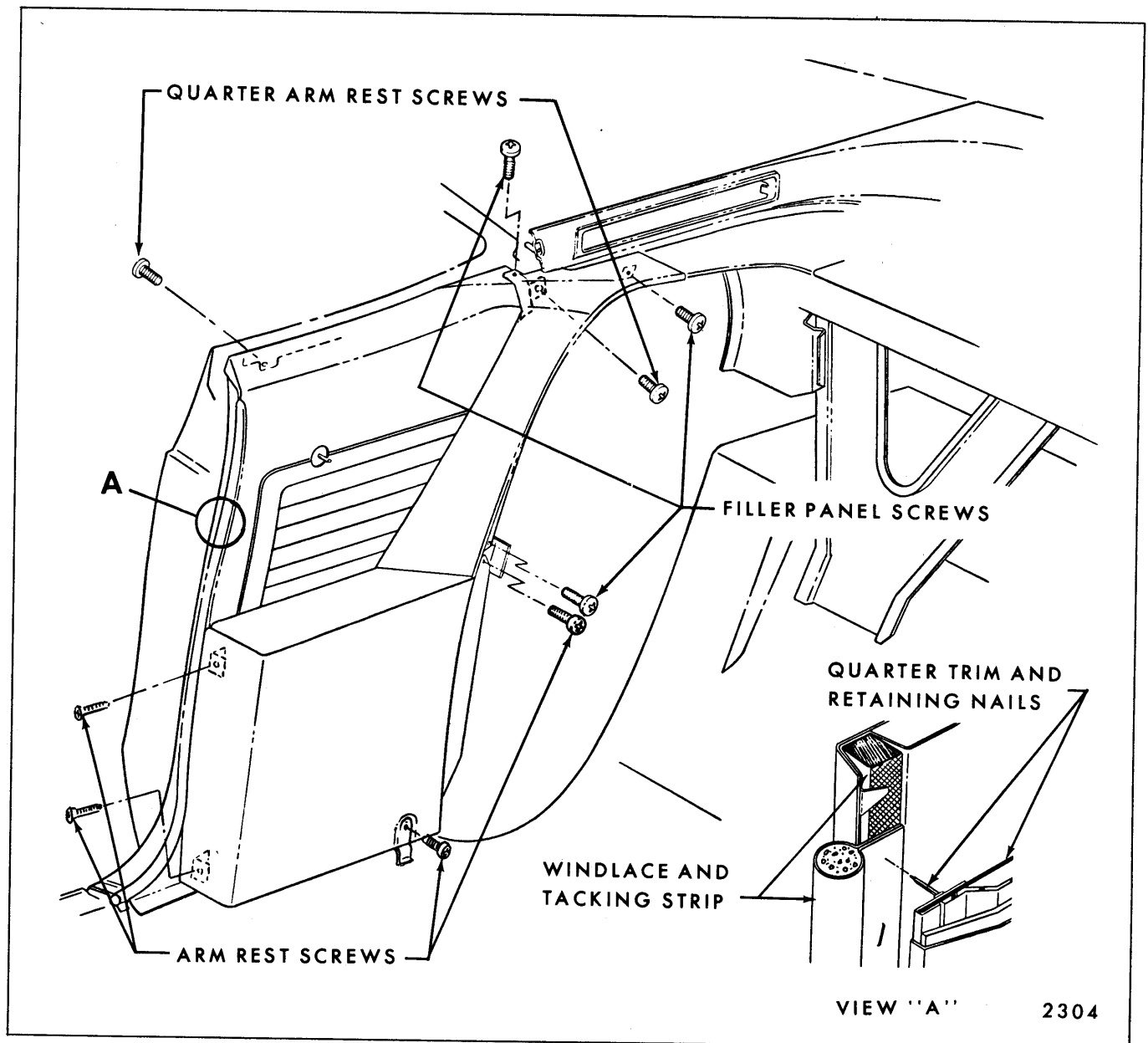


Fig. 14-24—Shelf Trim Removal - "39487" Style

4. With a suitable flat-bladed tool, carefully disengage trim retainers from rear quarter inner panel along leading edge of rear body lock pillar (on front edge of rear quarter front trim assembly) (Fig. 14-29).
5. Lift assembly upward slightly to disengage from rear quarter inner panel and remove assembly from body. On styles equipped with courtesy lamp disconnect feed wire from switch and lamp (Fig. 14-29).

**NOTE:** The rear quarter front trim assembly can be removed at this point, as a bench operation, by breaking cement bond between trim

and metal panel of rear quarter inner trim panel assembly. The rear quarter front trim is a sub-assembly of the rear quarter inner trim panel; left and right sides.

6. To install, reverse removal procedure.

### REAR QUARTER WHEELHOUSE COVER PANEL (Right Side)— "B" Body Station Wagon Styles

#### Removal and Installation

1. Remove spare tire cover.

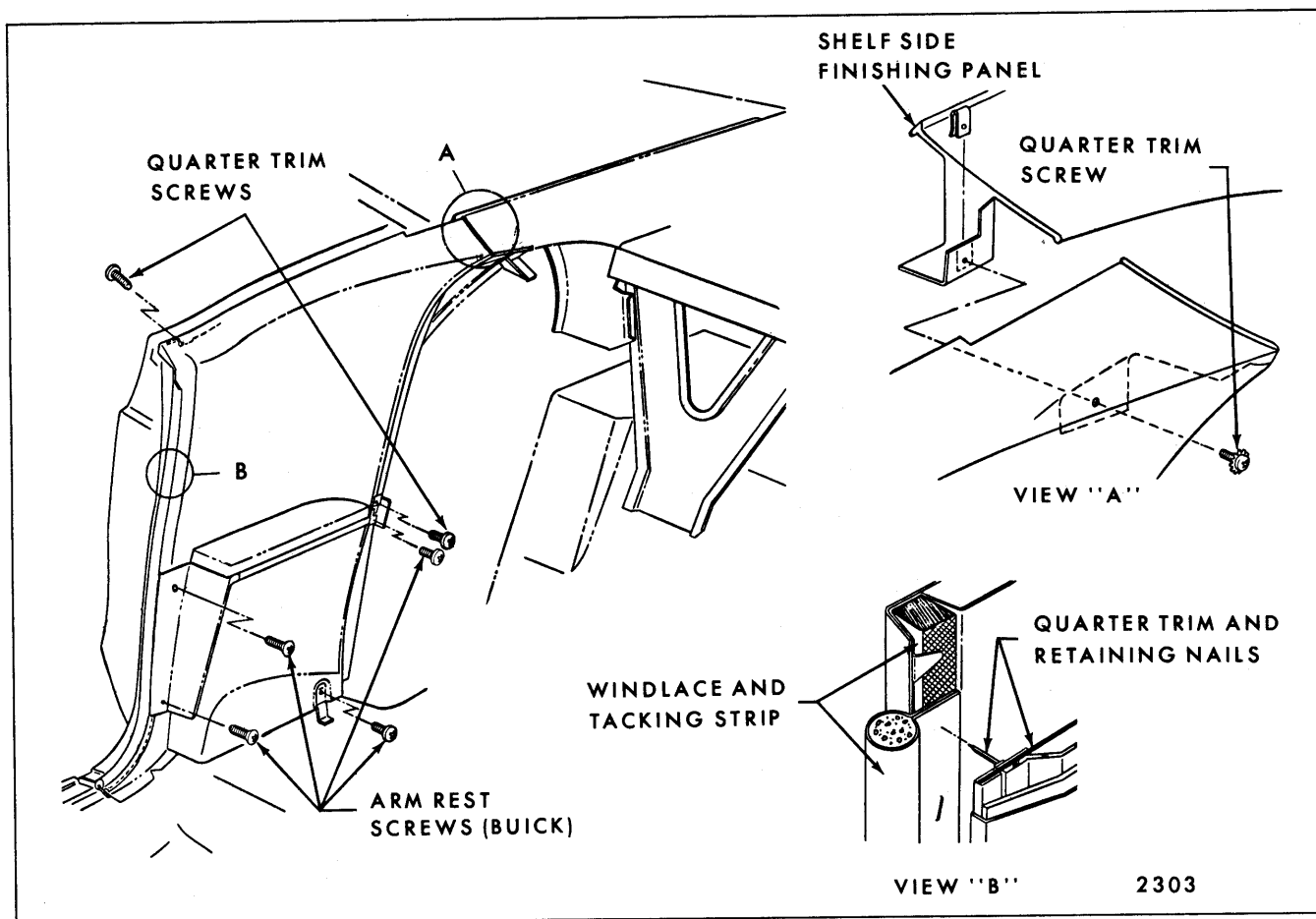


Fig. 14-25—Rear Quarter Arm Rest and Trim Assembly - "E" Styles

2. Remove compartment pan side filler panel and compartment floor panel assembly (at kick-up) as described under "Station Wagon Rear Seats".

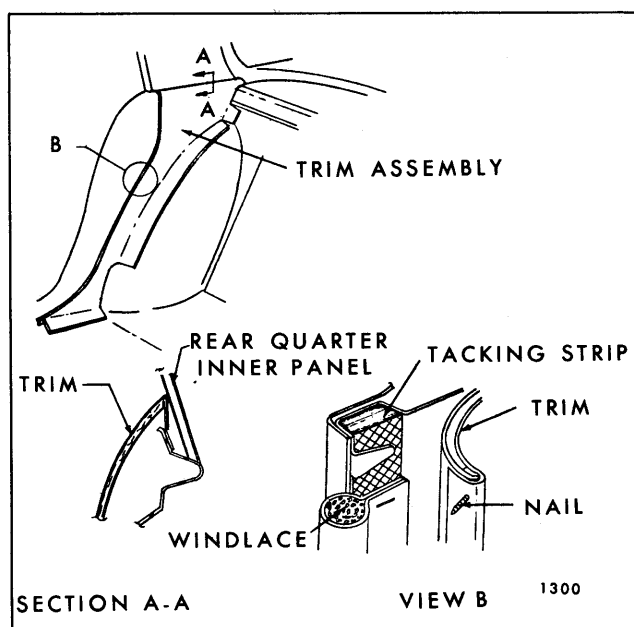


Fig. 14-26—Rear Quarter Lower Trim Assembly - "B-C 39-49-69" Styles

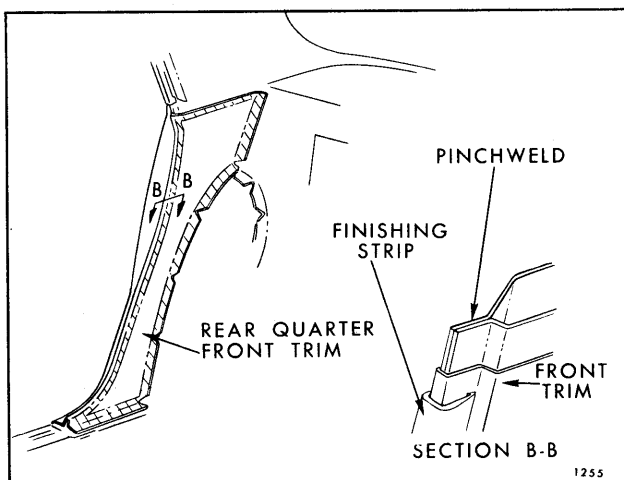


Fig. 14-27—Rear Quarter Trim Assembly - "A" Four - Door Styles

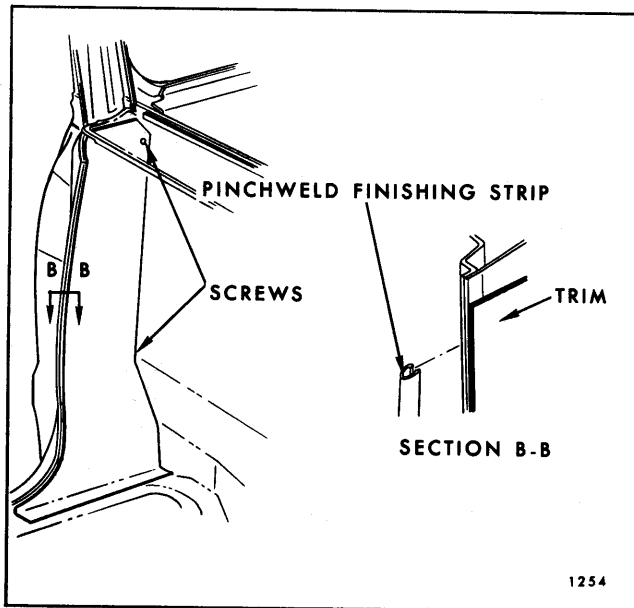


Fig. 14-28—Rear Quarter Trim Assembly - "A-80" Styles

3. Remove rear quarter stationary window front and lower garnish moldings.
4. Remove all screws securing trim panel to rear quarter inner panel (Fig. 14-30).

5. With a suitable flat-bladed tool, carefully disengage trim retainers from rear quarter inner panel along leading edge of rear body lock pillar (on front edge of rear quarter front trim assembly). (Fig. 14-30)

6. Remove spare tire cover support.

7. Lift assembly upward slightly to disengage from rear quarter inner panel and remove assembly from body.

**NOTE:** On styles with tail gate window defogger, disconnect wire harness connectors and remove defogger with wheelhouse cover panel.

8. To install, reverse removal procedure.

### SPARE TIRE COVER PANEL— Station Wagon Styles

#### Removal and Installation

The spare tire cover panel is retained at belt line by a screwed-on garnish molding and at the load floor level by a folding (catch-type) handle. To remove cover, open catch handle and swing bottom edge of assembly upward to disengage upper edge from beneath garnish molding. To install, reverse removal procedure.

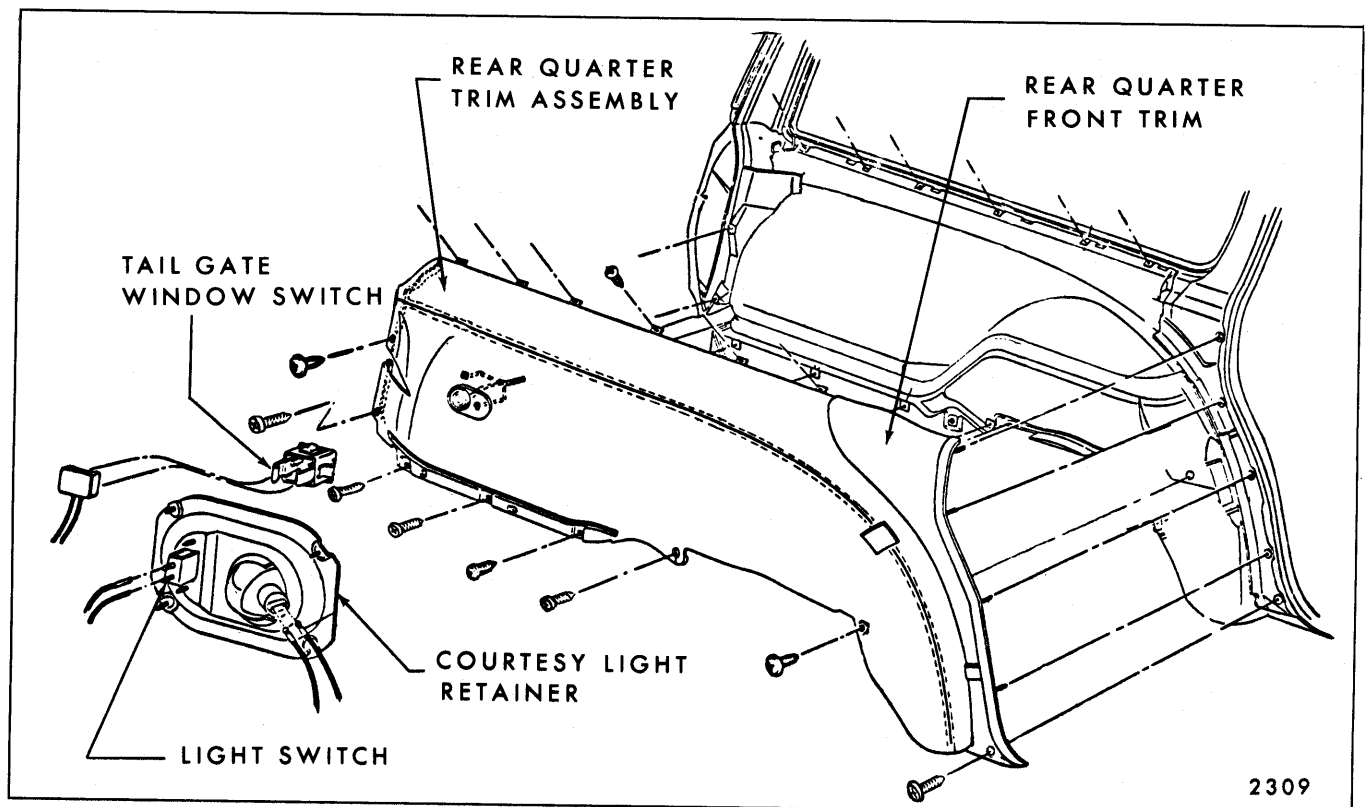


Fig. 14-29—Rear Quarter Trim Panel (Left Side) - "B" Station Wagons

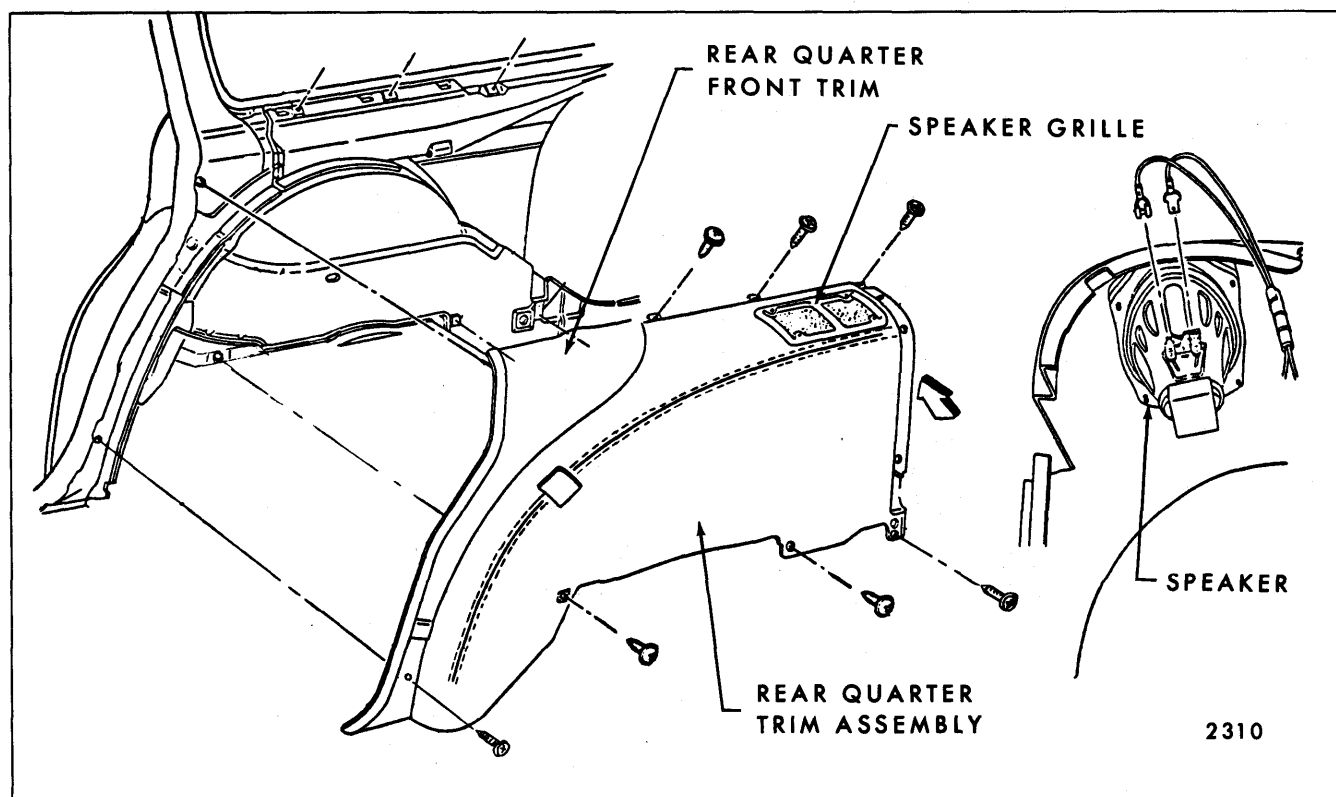


Fig. 14-30—Rear Quarter Trim Panel (Right Side) - "B" Station Wagons

### REAR QUARTER FRONT TRIM PANEL (Right or Left Side)— "A" Body Station Wagons

#### Removal and Installation

1. Remove quarter window lower garnish molding. Disengage side roof rail finishing molding sufficiently to allow removal of body lock pillar upper finishing panel and remove finishing panel.
2. Loosen rear of rear door sill plate.
3. Remove screws securing trim panel as shown in Figure 14-31.
4. Using a flat blade tool, disengage trim panel retaining clips from plastic retaining plugs in inner panel as shown in Figure 14-31 and remove trim panel.

### WHEELHOUSE TRIM COVER PANEL (Right Side)—All "A" Body Station Wagon Styles

#### Removal and Installation

1. Remove rear quarter front trim panel and spare tire cover panel.

2. Remove second folding seat back catch and bumper assembly from wheelhouse.
3. Remove all trim attaching screws at front, rear and bottom of wheelhouse trim panel and remove panel (Fig. 14-32).
4. To install, reverse removal procedure.

### REAR QUARTER REAR TRIM PANEL (Left Side)—All "A" Body Station Wagon Styles

#### Removal and Installation

1. Remove rear quarter front trim panel as previously described.
2. Remove screws at top, bottom, front and rear of trim panel as shown in Figure 14-33 and remove trim panel from body.

**NOTE:** On styles so equipped, disconnect rear radio speaker connectors as shown in view "A", Figure 14-33.

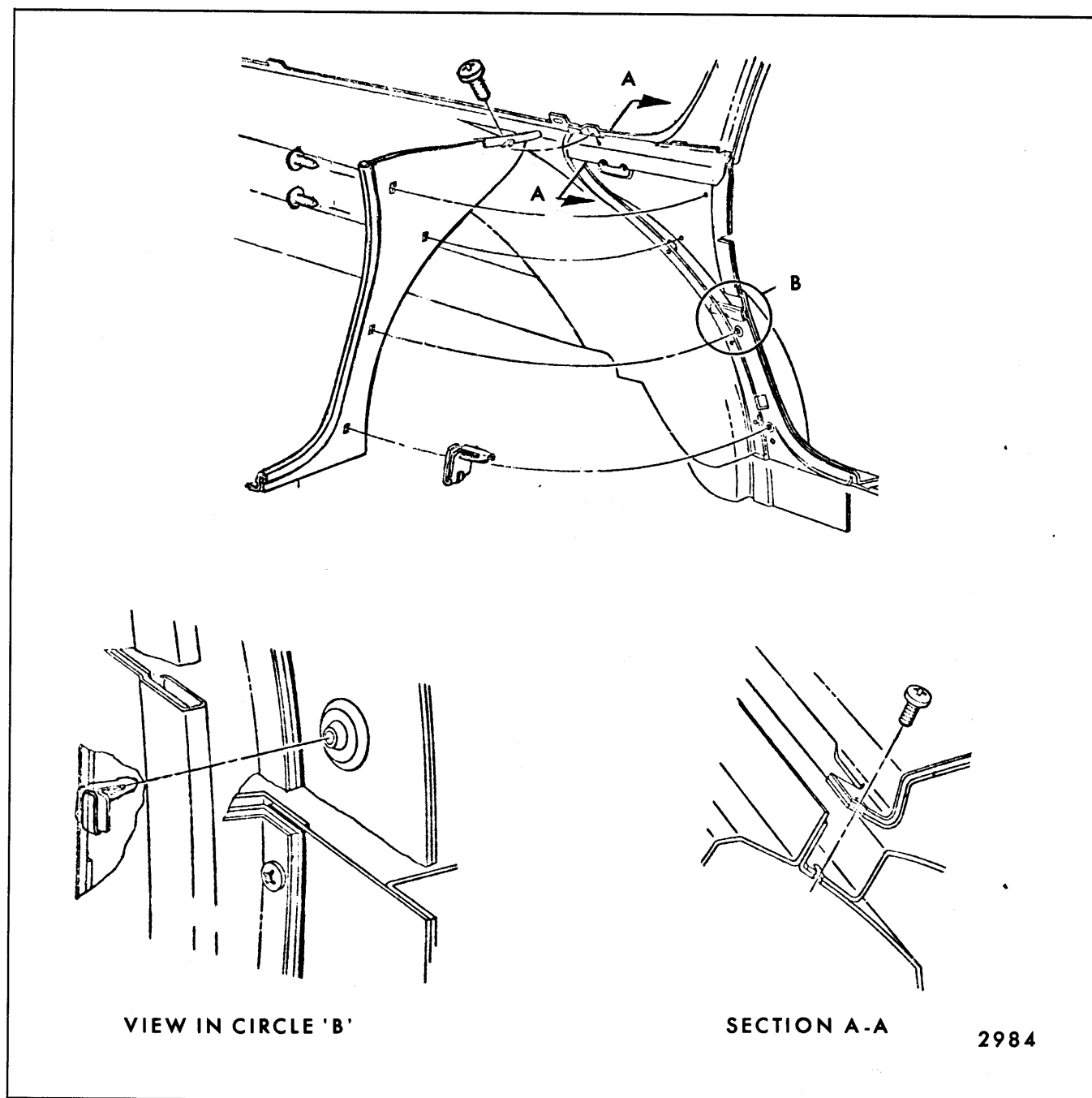


Fig. 14-31—Rear Quarter Front Trim Panel - "A" Station Wagons

## COMPARTMENT SHELF TRIM

### COMPARTMENT SHELF TRIM ASSEMBLY— All Styles Except "E" Series

#### Removal and Installation

1. Remove rear seat cushion and rear seat back assembly. Detach shoulder straps if so equipped.
2. Remove rear quarter upper trim as described under "Headlinings".
3. Loosen back window lower garnish molding.
4. Carefully break cement bond at compartment shelf trim panel valance to front of metal shelf panel.

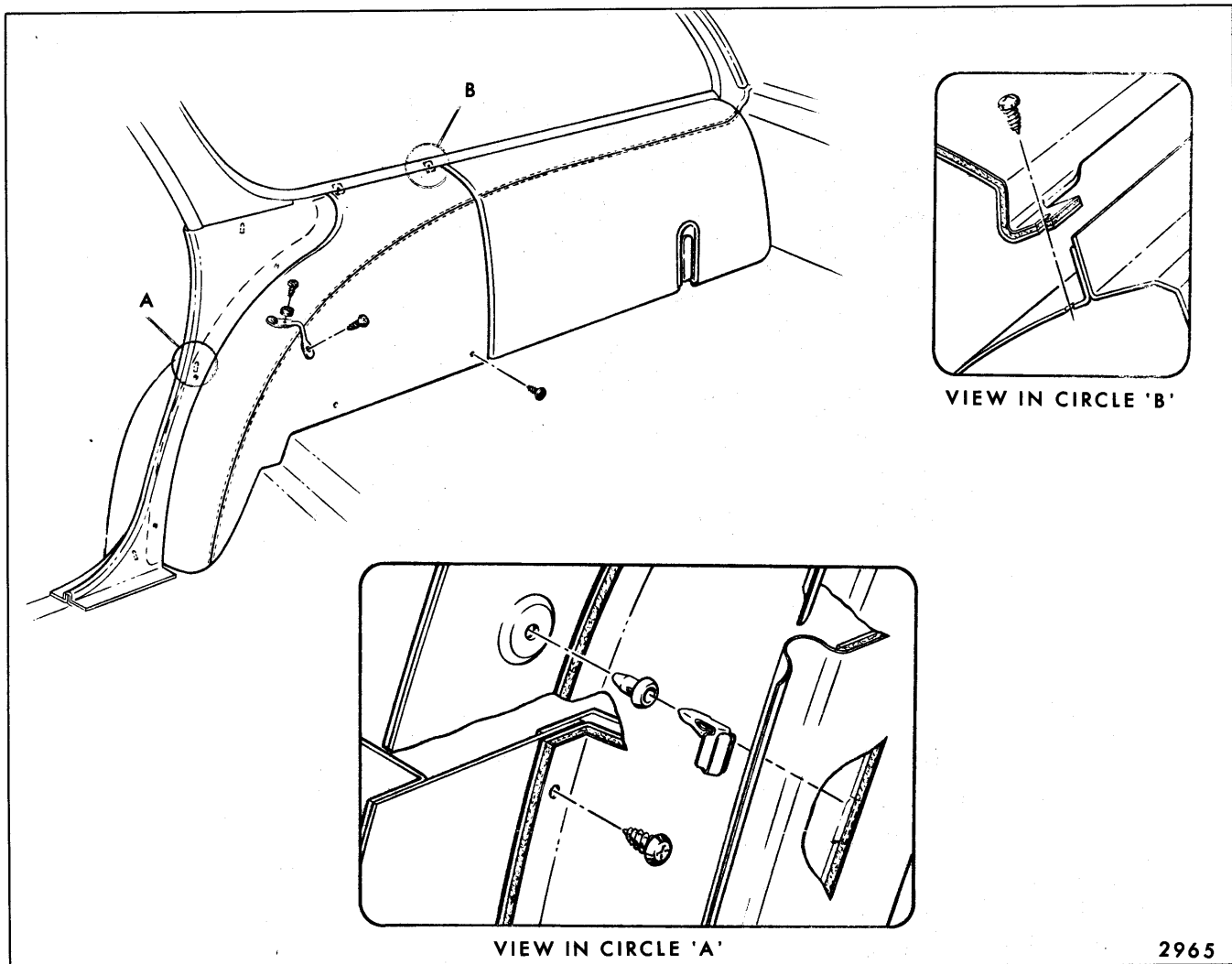


Fig. 14-32—Wheelhouse Cover Panel (Right Side) - "A" Station Wagons

5. Remove compartment shelf trim panel by lifting up front edge approximately 45° and pulling forward.
6. To install, position trim assembly to shelf panel by inserting rear edge of trim assembly under garnish molding or feature strip. Push trim assembly rearward, align center notch with center depression in metal shelf panel.
7. Re-cement compartment shelf trim assembly valance to front of metal shelf panel using non-staining vinyl trim adhesive.
8. To install, reverse removal procedure.

### COMPARTMENT SHELF CENTER FINISHING PANEL—Oldsmobile and Buick "E" Styles

#### Removal and Installation

1. Remove rear seat cushion and seat back as-

semblies as described under "Rear Seats".

2. From inside rear compartment, remove compartment shelf center finishing panel attaching nuts at locations shown in Section "A-A" in Figure 14-34.
3. From inside body, pull center finishing panel forward sufficiently to disengage both front and rear edge of center finishing panel from retainers (see View "B", Fig. 14-34); then, lift panel upward and remove from shelf panel.
4. To install, reverse removal procedure.

### COMPARTMENT SHELF SIDE FINISHING PANELS—Oldsmobile and Buick "E" Styles

#### Removal and Installation

1. Remove compartment shelf center finishing panel.



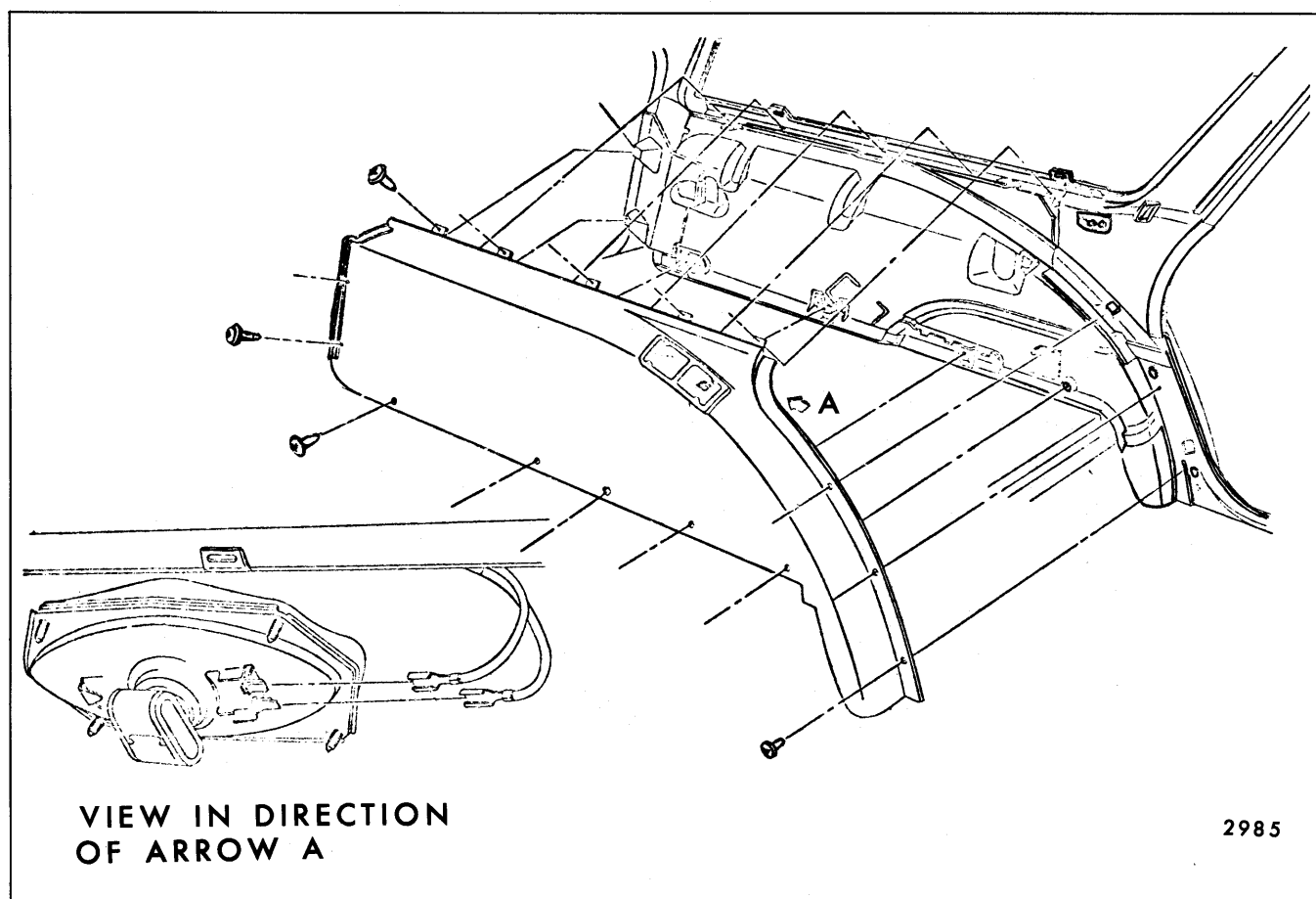


Fig. 14-33—Rear Quarter Rear Trim Panel (Left Side) - "A" Station Wagons

2. a. On 39487 Style, remove seat back filler panel attaching screw (Fig. 14-35).
- b. On 39687 and 49487 Styles, remove rear quarter trim assembly, as previously described.
3. Remove compartment shelf side finishing panel attaching screws (Fig. 14-35) and remove side finishing panel. On Oldsmobile styles, disconnect courtesy lamp feed wire.
4. To install, reverse removal procedure.

### COMPARTMENT SHELF SIDE AND CENTER TRIM PANELS— Cadillac "E" Styles

The compartment shelf trim assembly consists of three individual panels joined together with screws to form a single unit. It is necessary to remove the assembly to service the individual sections. The assembly is retained with integral studs and nuts at five locations. Additional retention is obtained using bend-over metal tabs on the center trim section.

### Removal and Installation

1. Remove rear seat cushion and rear seat back assemblies as described under "Rear Seats".
2. Remove rear quarter trim assembly as described under "Door and Rear Quarter Trim".
3. Remove back window lower garnish molding and back window lower corner escutcheons.
4. Remove rear compartment side panel attaching screws (View "A", Fig. 14-36). Loosen compartment shelf to metal foundation nuts as indicated in View "C". Remove center section attaching nuts (View "A & B", Fig. 14-37 and View "B", Fig. 14-36).
5. To remove compartment shelf trim panel from shelf panel, pull panel forward and straight out.
6. To remove the center trim panel, bend metal tabs (Fig. 14-37) to straight down position and detach from center base panel.
7. To install, reverse removal procedure.

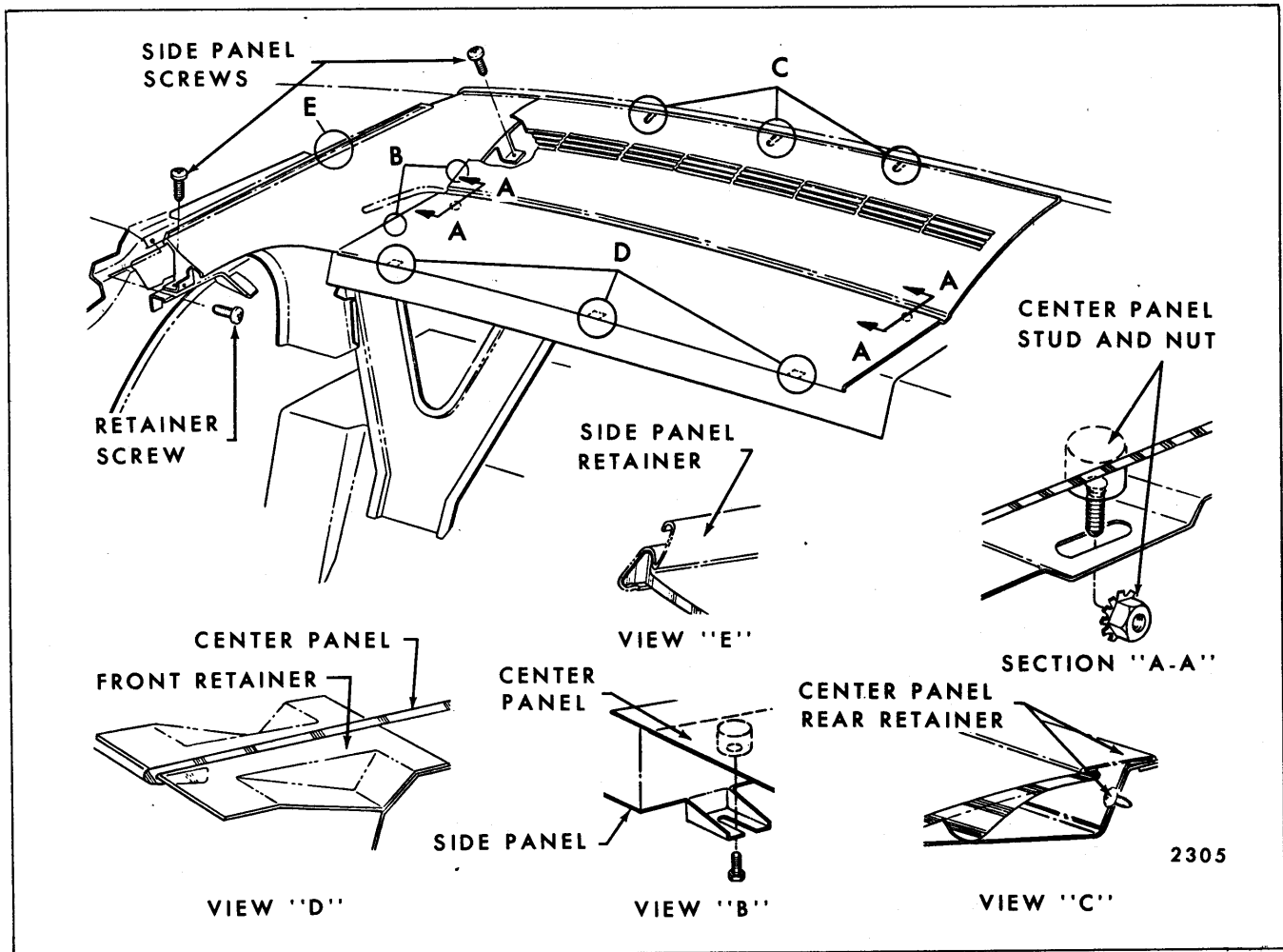


Fig. 14-34—Typical "E" Style Compartment Shelf Trim - Buick "E" Style Shown

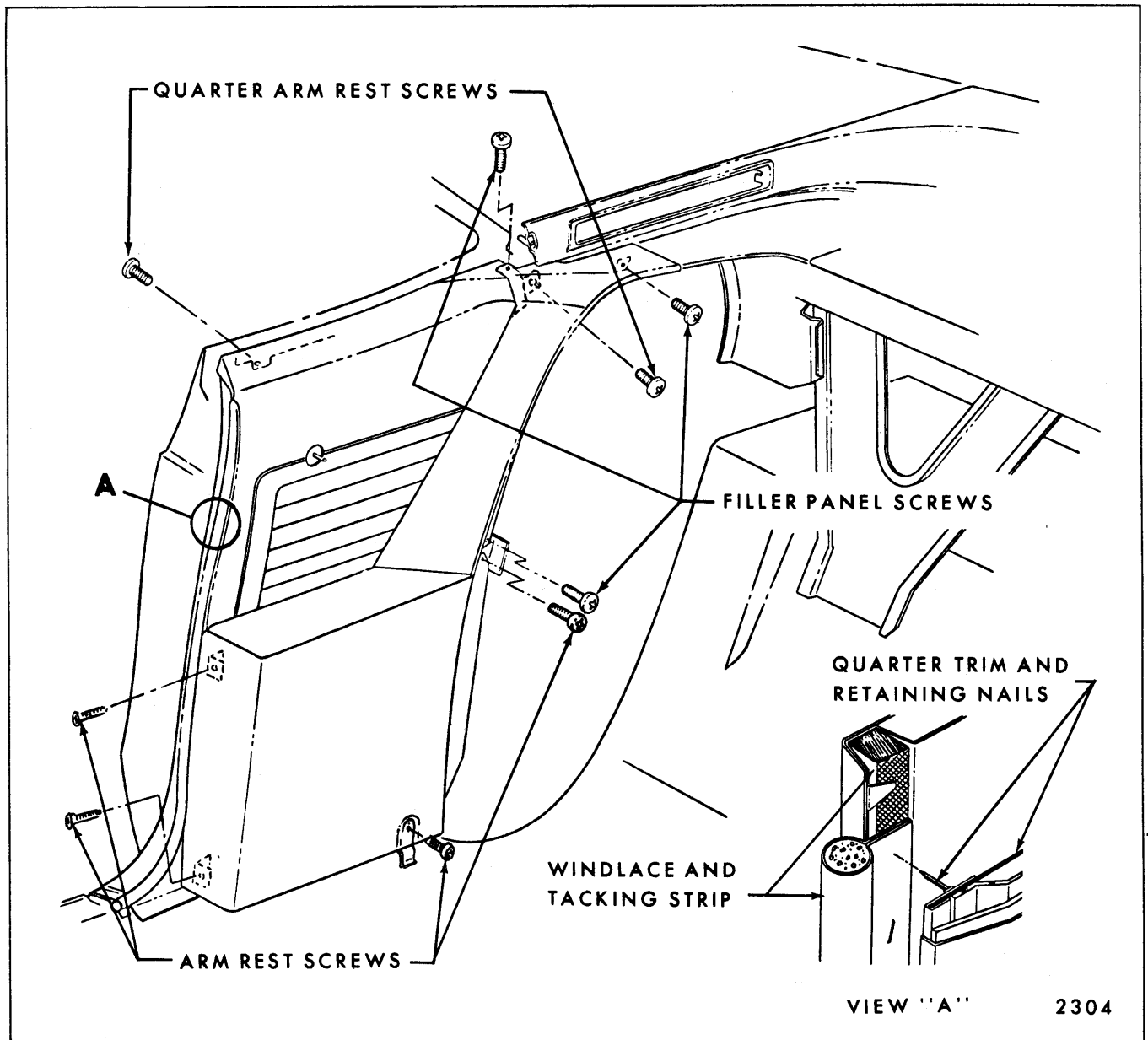


Fig. 14-35—Rear Quarter Trim Assembly - "39487" Style

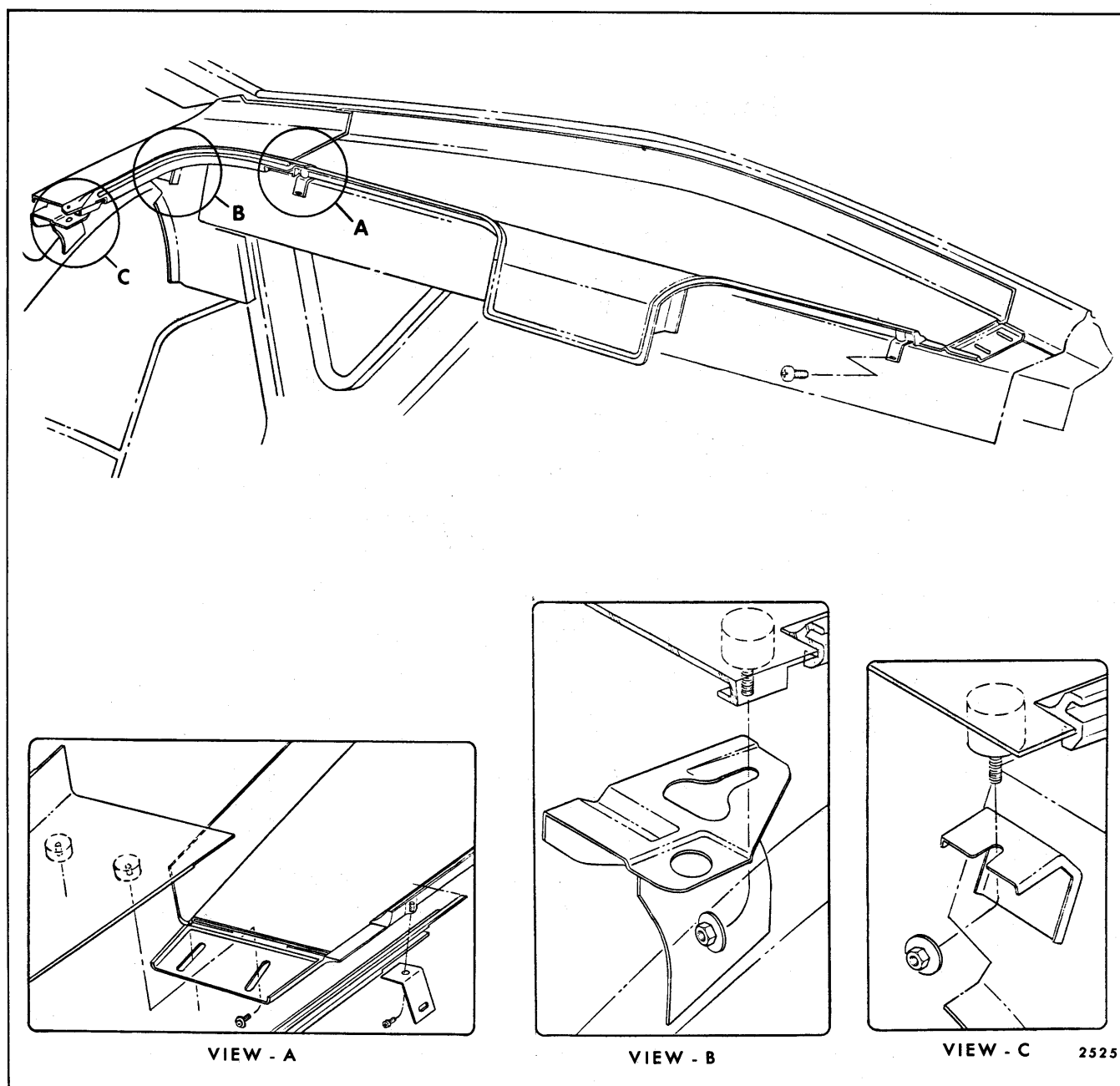


Fig. 14-36—Compartment Shelf Trim Panel - Cadillac "E" Styles

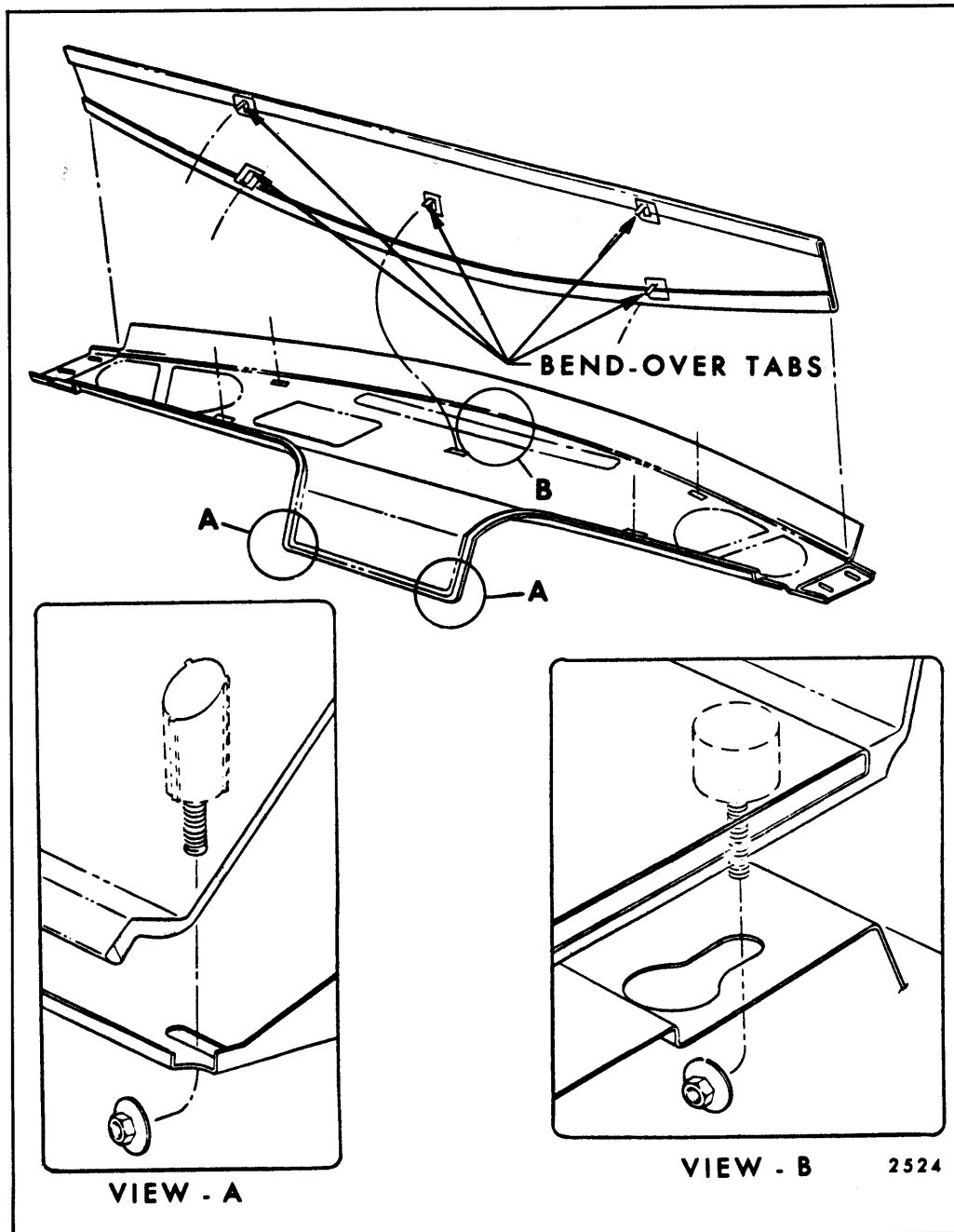


Fig. 14-37—Compartment Shelf Center Trim Panel -  
Cadillac "E" Styles