

# INSTRUMENT PANEL AND MOUNTED ASSEMBLIES

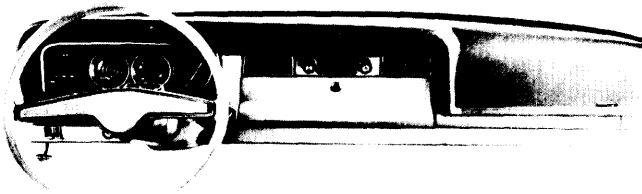
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## GENERAL

All instrument panels are of formed sheet metal construction and are reinforced with braces and fastened to adjacent body panels with bolts.

A vinyl-covered polyurethane crash pad is attached to the instrument panel on all Cherokee, Wagoneer, and Truck models (fig. 18-1). A crash pad is also available for CJ models and is attached to the instrument panel (fig. 18-2).



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Fig. 18-1 Instrument Panel—Wagoneer and Truck Shown  
(Cherokee Similar)

## INSTRUMENT CLUSTER

### CJ Models

#### Removal

**NOTE:** *If equipped with air conditioning, remove screws attaching evaporator assembly to instrument panel and lower evaporator assembly.*

- (1) Disconnect battery negative cable.
- (2) Disconnect speedometer cable.
- (3) Remove cluster attaching nuts and remove cluster.
- (4) Mark bulb and wire connectors, and disconnect cluster electrical connectors and lights.

#### Installation

- (1) Connect cluster lights and electrical connectors.
- (2) Position cluster on instrument panel and install attaching screws.
- (3) Connect speedometer cable.
- (4) Connect battery negative cable.

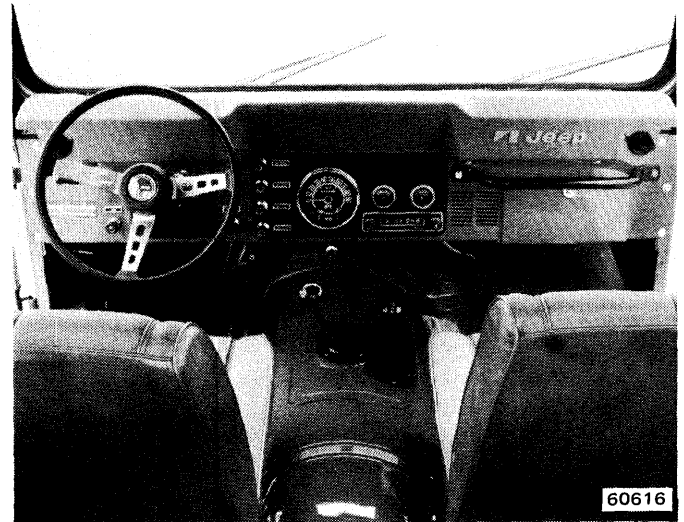


Fig. 18-2 Instrument Panel—CJ Models

## Cherokee-Wagoneer-Truck

#### Removal

- (1) Disconnect battery negative cable.
- (2) Disconnect speedometer cable.
- (3) Cover steering column to prevent damaging paint.
- (4) Remove cluster attaching screws and tilt top of cluster toward interior of vehicle.
- (5) Mark electrical connectors and hoses, and disconnect electrical connectors and heater vacuum hoses.
- (6) Disconnect blend air door control cable.
- (7) Remove cluster.

#### Installation

- (1) Position cluster on instrument panel.
- (2) Connect blend air door control cable.
- (3) Connect electrical connectors and heater vacuum hoses.
- (4) Install cluster attaching screws.
- (5) Connect speedometer cable.
- (6) Connect battery negative cable.
- (7) Remove covering on steering column.
- (8) Check heater and gauge operation.

## INSTRUMENT PANEL

## CJ Models

## Removal

**NOTE:** *If equipped with air conditioning, remove screws attaching evaporator assembly to instrument panel and lower evaporator assembly.*

- (1) Disconnect battery negative cable.
- (2) Remove screws attaching steering column bezel to instrument panel. Remove bezel.
- (3) Disconnect emergency brake bracket from instrument panel.
- (4) Disconnect speedometer cable.
- (5) Disconnect heater control cables from damper door levers.
- (6) Remove windshield clamp knobs and brackets.
- (7) Remove crash pad, if equipped.
  - (a) If equipped with a soft top, unsnap top snaps at windshield corners, unfasten straps at center and sides of front top support, lay top support back to rear and release top from header retainer.
  - (b) If equipped with a hardtop enclosure, remove hardware attaching enclosure to windshield and rear quarter panels and support enclosure with wood (fig. 18-3).
  - (c) Fold windshield down onto hood.
  - (d) Remove screws attaching crash pad, if equipped, and remove crash pad.
- (8) Disconnect all electrical connections.
- (9) Remove steering wheel (refer to Section 11).
- (10) Remove automatic transmission shift lever, if equipped.
  - (a) Place automatic transmission shift lever in Park.
  - (b) Drive out roll pin attaching shift lever to shift bowl and remove shift lever.

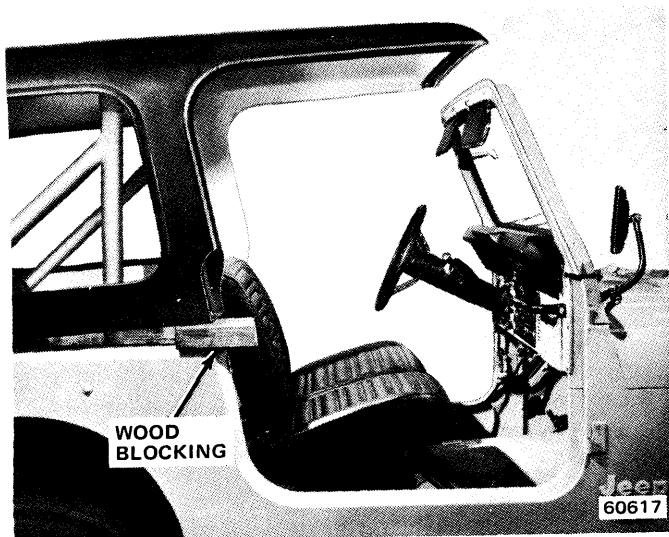


Fig. 18-3 Hardtop Enclosure Supported with Wood

- (11) Remove instrument panel-to-dash panel attaching screws and remove instrument panel.

## Installation

- (1) Position instrument panel in vehicle and install attaching screws.
- (2) Install automatic transmission shift lever, if equipped. Insert shift lever in shift bowl and install roll pin.
- (3) Install steering wheel (refer to Section 11).
- (4) Connect all electrical connections.
- (5) Install crash pad, if equipped.
  - (a) Position crash pad on instrument panel and install attaching screws.
  - (b) Raise windshield to upright position.
  - (c) If equipped with a hardtop enclosure, remove wood blocking supporting top and lower top onto body and windshield. Install hardware attaching top to windshield and rear quarter panels.
  - (d) If equipped with a soft top, engage top with header retainer, position top support in upright position and fasten center and side straps, and snap top snaps at windshield corners.
- (6) Install windshield brackets and clamp knobs.
- (7) Connect heater control cables to damper door levers.
- (8) Connect speedometer cable.
- (9) Install emergency brake bracket to instrument panel.
- (10) Position steering column bezel on instrument panel and install attaching screws.
- (11) Connect battery negative cable.

## Cherokee-Wagoneer-Truck

## Removal

**NOTE:** *If equipped with stereo radio, remove screws attaching balance control to instrument panel and lower control.*

- (1) Disconnect battery negative cable.
- (2) Remove instrument panel crash pad, as outlined in this section.
- (3) Remove evaporator assembly and ducts, if equipped with air conditioning.
- (4) Remove instrument cluster.
- (5) Remove radio, if equipped.
- (6) Remove parking brake lever assembly.
- (7) Remove air vent cables.
- (8) Disconnect electrical connectors and remove courtesy lights.
- (9) Disconnect defroster hoses.
- (10) Remove steering column trim panel.
- (11) Lower steering column and remove bolt from center of brace.
- (12) Remove instrument panel attaching screws and remove panel.

**Installation**

- (1) Position instrument panel and install attaching screws.
- (2) Raise steering column and install bolt in center of brace.
- (3) Install steering column trim panel.
- (4) Connect defroster hoses.
- (5) Connect electrical connectors and courtesy lights.
- (6) Install air vent cables.
- (7) Install parking brake lever assembly.
- (8) Install instrument cluster.
- (9) Install radio, if removed.
- (10) Install evaporator assembly and ducts, if removed.
- (11) Install instrument panel crash pad.
- (12) Connect battery negative cable.

**CRASH PAD****CJ Models****Removal**

- (1) If equipped with a soft top, unsnap top snaps at windshield corners, unfasten straps at center and sides of front top support, lay top support back to rear and release top from header retainer.
- (2) If equipped with a hardtop enclosure, remove hardware attaching top to windshield and rear quarter panels and support top with wood (fig. 18-3).
- (3) Remove windshield clamp knobs and fold windshield down onto hood.
- (4) Remove screws attaching crash pad and remove crash pad.

**Installation**

- (1) Position crash pad on instrument panel and install attaching screws.
- (2) Raise windshield to upright position and install clamp knobs.
- (3) If equipped with a hardtop enclosure, remove wood blocking supporting top and lower top onto body and windshield. Install hardware attaching top to windshield and rear quarter panels.
- (4) If equipped with a soft top, engage top with header retainer, position top support in upright position and fasten center and side straps, and snap top snaps at windshield corner.

**Cherokee-Wagoneer-Truck****Removal**

- (1) Remove windshield and windshield weatherstrip to expose crash pad retaining screws at base of windshield (refer to Windshield Removal—Section 17).

- (2) Remove instrument cluster.
- (3) Remove glove box.
- (4) Remove ashtray and retainer.
- (5) Remove radio, if equipped.
- (6) Remove crash pad-to-instrument panel attaching screws and nuts.

**NOTE:** *The nuts are accessible through the cluster, ash receiver, and glove box openings.*

**Installation**

- (1) Position crash pad on instrument panel.
- (2) Install attaching screws and nuts.
- (3) Install radio, if equipped.
- (4) Install ashtray and retainer.
- (5) Install glove box.
- (6) Install instrument cluster.
- (7) Install windshield weatherstrip and windshield (refer to Windshield Installation—Section 17).

**GLOVE BOX ASSEMBLY****CJ Models****Glove Box Removal**

- (1) Remove glove box-to-instrument panel attaching screws.
- (2) Remove striker.
- (3) Compress glove box at the crease lines and remove box through opening.

**Glove Box Installation**

- (1) Compress glove box at the crease lines and insert box in opening.
- (2) Install glove box-to-instrument panel attaching screws.
- (3) Install and adjust striker.

**Glove Box Door and Hinge Removal**

The glove box door hinge mounting holes are elongated to provide adjustment. The hinge screws may be loosened and the door moved in the desired direction to fit the door opening.

- (4) Remove hinge-to-instrument panel attaching screws.
- (5) Remove door and hinge assembly.

**Glove Box Door and Hinge Installation**

- (1) Position door and hinge assembly on instrument panel.
- (2) Install hinge-to-instrument panel attaching screws.
- (3) Adjust door.

