

INSTRUMENT PANEL AND SYSTEMS

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DESCRIPTION AND OPERATION

CLOCK

The clock is of analog type mounted in the instrument panel center air distribution bezel (Fig. 1).

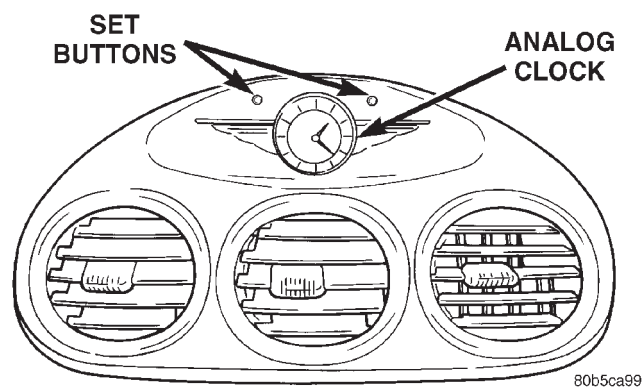


Fig. 1 Analog Clock

Refer to the Owner's Manual for setting instructions.

ELECTRO-MECHANICAL INSTRUMENT CLUSTER

The mechanical instrument cluster is an electro-mechanical module which receives most of its information via the Programmable Communication Interface (PCI) bus.

There are three types of clusters: (Fig. 2), (Fig. 3) and (Fig. 4):

- Speedometer
- Tachometer
- Odometer/trip odometer
- Fuel gauge
- Temperature gauge
- Electronic transmission range

The warning and information indicators include the following:

- Check Engine
- Airbag
- Charging system

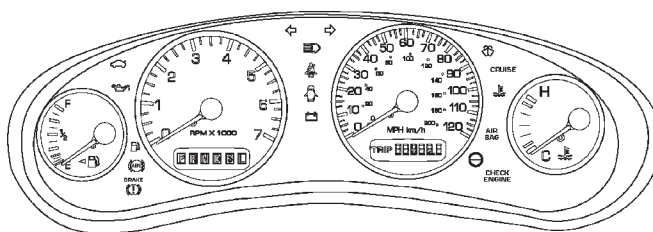


Fig. 2 Cluster - Intrepid

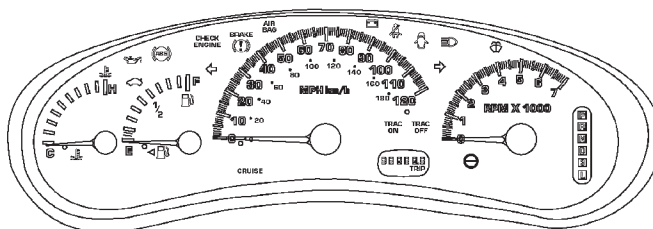


Fig. 3 Cluster - Concorde

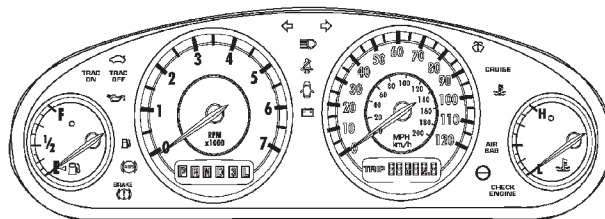


Fig. 4 Cluster - LHS and 300M

- Low oil pressure
- High temperature
- Low fuel
- Seat belt
- Cruise
- Brake/park brake
- High beam

DESCRIPTION AND OPERATION (Continued)

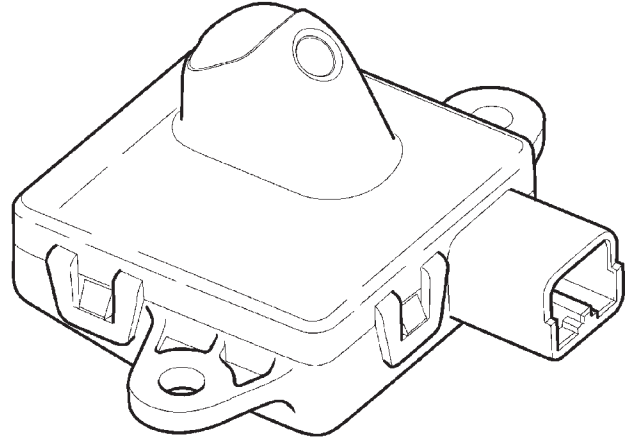
- Turn signals
- Door Ajar
- Decklid Ajar
- ABS (optional)
- Traction Control Active (optional)
- Traction Control Off (optional)
- Low Washer Fluid

The gauges are the magnetic air-core type. When the ignition switch is OFF, the gauge pointers should rest at or below the low graduation.

REMOVAL AND INSTALLATION

ATC SUN SENSOR*REMOVAL*

- (1) Open hood and disconnect the negative battery cable remote terminal from the remote battery post.
- (2) Remove the instrument top cover, refer to (Fig. 6), (Fig. 7) and (Fig. 8).
- (3) Remove the two sun sensor mounting screws.
- (4) Disconnect the wire connector and remove the sensor (Fig. 5).



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Fig. 5 ATC Sun Sensor*INSTALLATION*

For installation, reverse the above procedures.

REMOVAL AND INSTALLATION (Continued)

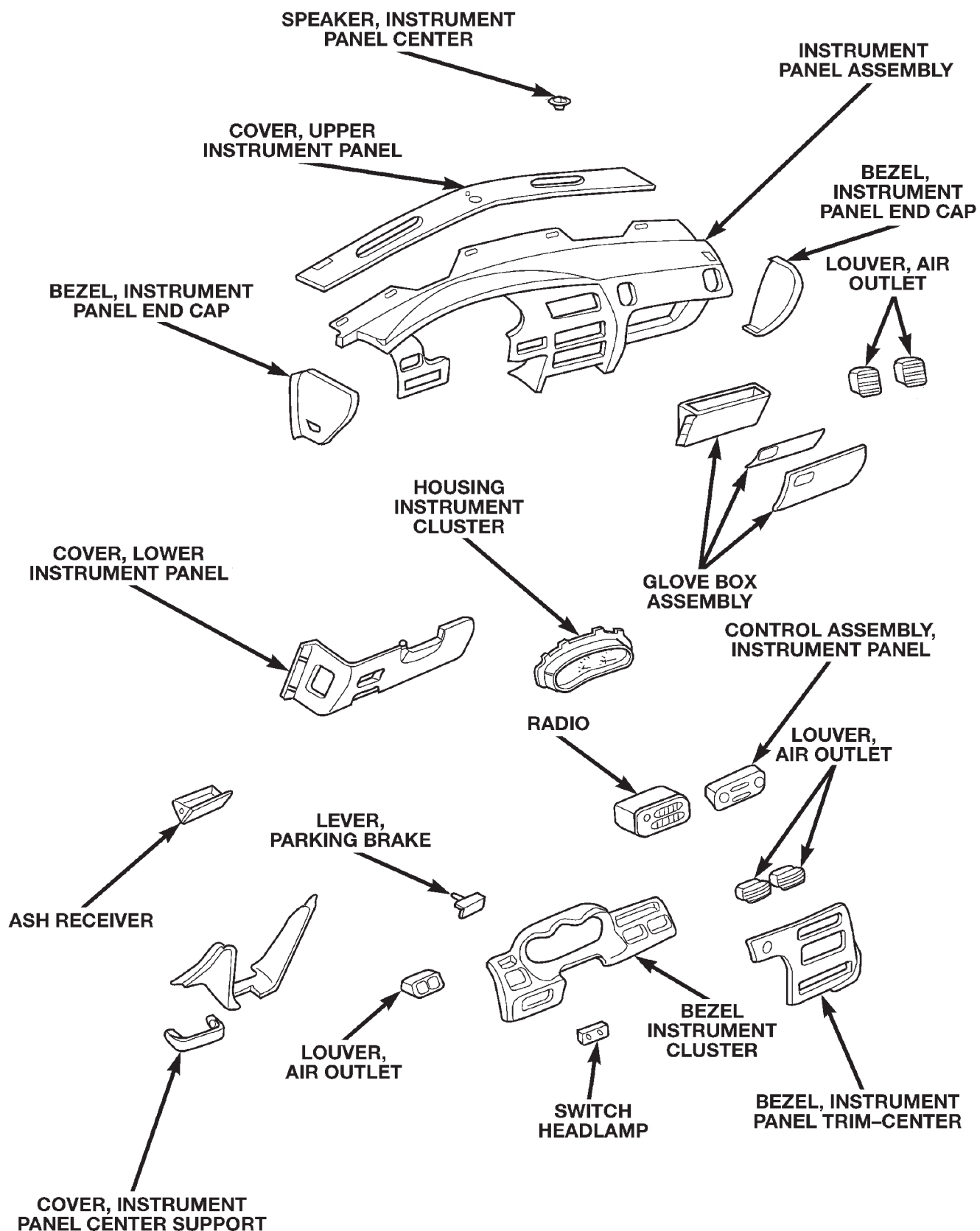


Fig. 6 Instrument Panel Components – Intrepid

REMOVAL AND INSTALLATION (Continued)

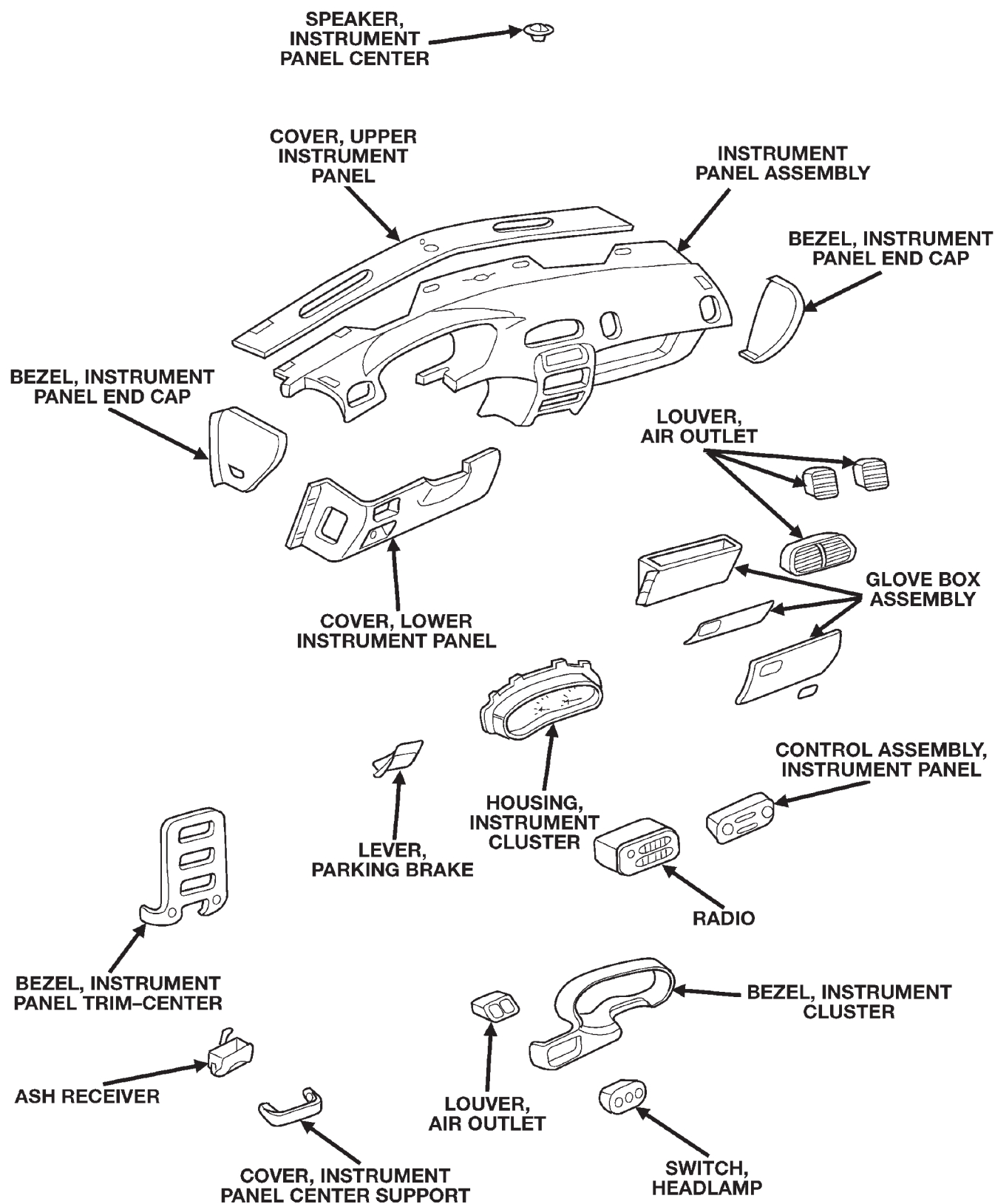
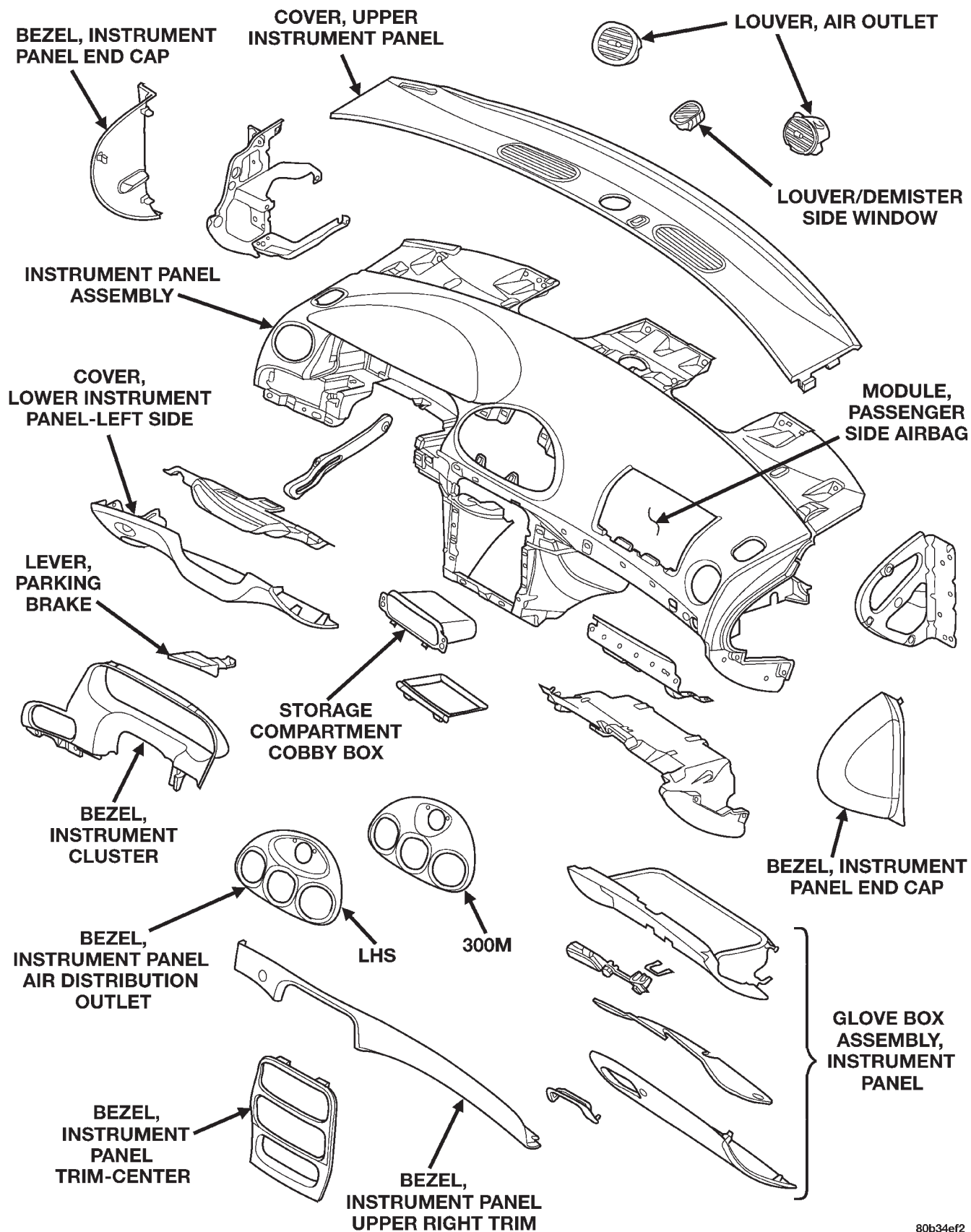


Fig. 7 Instrument Panel Components – Concorde

REMOVAL AND INSTALLATION (Continued)



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Fig. 8 Instrument Panel Components – LHS / 300M

REMOVAL AND INSTALLATION (Continued)

CLOCK

REMOVAL

- (1) Open hood.
- (2) Disconnect and isolate the negative battery remote cable.
- (3) Using a trim stick (special tool #C-4755), gently pry out instrument panel air distribution outlet bezel that retains the analog clock.
- (4) Disconnect the one wire connector to the clock.
- (5) Remove bezel from vehicle.
- (6) On the bench, remove two retaining screws to analog clock and remove from bezel (Fig. 9).

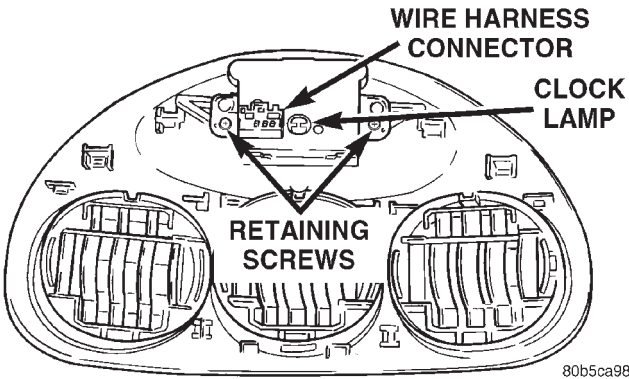


Fig. 9 Analog Clock Removal

INSTALLATION

For installation, reverse the above procedures.

CLUSTER LAMPS

To service instrument cluster lamps, the cluster must be removed from the instrument panel. For removal and installation procedures of the instrument cluster and bezel refer to the procedures in this section.

Refer to (Fig. 10), (Fig. 11), and (Fig. 12) for cluster lamp locations.

The lamps that are replaceable are called out on the back cover of the instrument cluster. All other indicators are Light Emitting Diodes (LED's), and are serviced with the printed circuit (PC) board. If a LED is non-functional, the entire PC board must be replaced. Refer to the INDICATORS – BULBS table for applications.

INDICATORS – BULBS

INDICATOR	COLOR	BULB # / LED
BATTERY	RED	LED
BRAKE	RED	LED
AIRBAG	RED	LED
LOW OIL	RED	LED
SEATBELT	RED	LED
TEMPERATURE	RED	LED
DOOR AJAR	RED	LED
DECKLID AJAR	RED	LED
HIGH BEAM	BLUE	74
TURN SIGNALS	GREEN	194
CRUISE	GREEN	74
TRAC ON	GREEN	74
TRAC OFF	AMBER	LED
CHECK ENGINE	AMBER	LED
ABS	AMBER	LED
LOW FUEL	AMBER	LED
LOW WASHER FLUID	AMBER	LED
ILLUMINATION	BLUEGREEN	194

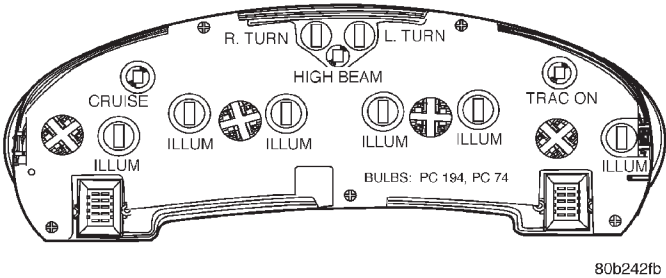


Fig. 10 Cluster lamps – Intrepid

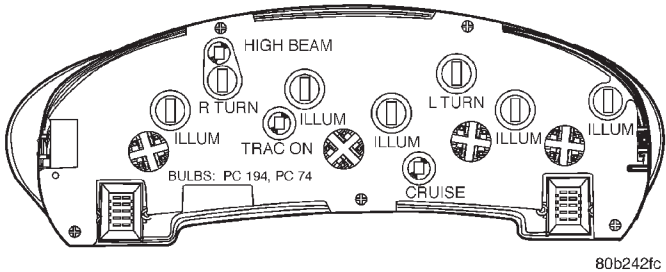
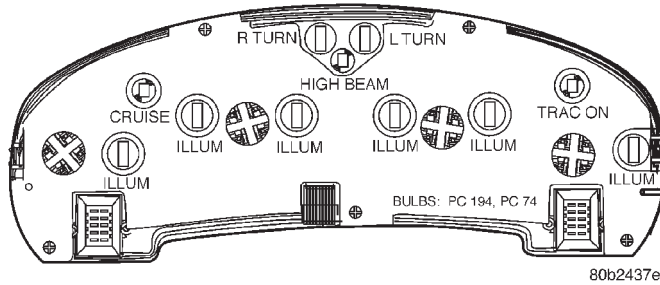


Fig. 11 Cluster lamps – Concorde

REMOVAL AND INSTALLATION (Continued)

**Fig. 12 Cluster Lamps – LHS / 300M****TRACTION CONTROL SWITCH**

The traction control switch is located in the upper right trim bezel on the instrument panel. The upper right trim bezel must be removed to service the switch. Refer to Upper Right Trim Bezel Removal and Installation in this section.

REMOVAL

(1) With the bezel removed, press the tabs in at both sides of the switch and remove the switch from the bezel.

INSTALLATION

For installation, reverse the above procedures. Check the switch for proper operation.

UPPER RIGHT TRIM BEZEL**REMOVAL**

(1) Open hood and disconnect the negative battery cable remote terminal from the remote battery post.

(2) Remove one allen screw to shifter knob.

(3) Remove left and right instrument panel end covers.

(4) Using a trim stick (special tool #C-4755), gently pry up on shifter bezel, disconnect two wire connectors, one illumination bulb socket and remove.

(5) Remove two screws from lower instrument panel cover (outside end) and disconnect decklid release switch wiring connector. Pull rearward on

lower instrument panel cover releasing clips. Remove cable to brake release handle. Pull rearward and remove cover from vehicle.

(6) Using a trim stick, gently pry rearward on the center instrument panel bezel.

(7) Disconnect one wire connector to HVAC control head.

(8) Remove instrument panel center trim bezel.

(9) Remove four screws along bottom of glove box.

(10) Open glove box door and remove glove box from vehicle.

(11) Remove two screws to left console side cover, pull outboard and remove from vehicle.

(12) Remove two screws to right console side cover, pull outboard and remove from vehicle.

(13) Remove two screws on either side of forward console at instrument panel.

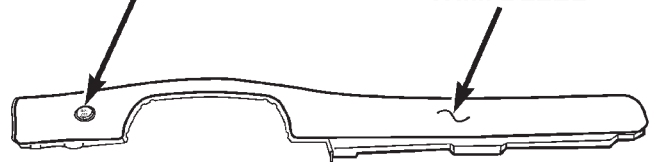
(14) Using a trim stick, gently pry out on top of forward console, instrument panel mounted.

(15) Remove four screws along bottom edge of upper right trim bezel.

(16) Tilt steering wheel down to prevent damage to bezel.

(17) Using a trim stick, gently pry trim bezel away from instrument panel and disconnect traction control switch connector.

(18) Remove upper right trim bezel from vehicle (Fig. 13).

TRACTION CONTROL SWITCH**UPPER RIGHT TRIM BEZEL****Fig. 13 Upper Right Trim Bezel****INSTALLATION**

(1) For installation, reverse the above procedures.

