

JEEP

Jeep

REMOVAL & INSTALLATION

SPEEDOMETER & GAUGES

All Models – Instrument panel must be removed to gain access to speedometer and gauges for repair or replacement.

INSTRUMENT CLUSTER

"CJ" Models – Instrument cluster is composed of speedometer housing, panel lights, high beam indicator, turn signal indicators, brake failure/parking brake warning indicator, Emergency Drive indicator, temperature gauge, and combination fuel gauge and constant voltage regulator (CVR). To remove and install cluster, proceed as follows:

1) Disconnect battery ground cable. Disconnect speedometer cable from instrument cluster. Remove radio, disconnect voltmeter wiring, remove retaining bracket and voltmeter. Remove four attaching nuts and pull cluster from mounting studs. Disconnect gauge wires and cluster lamps, then remove instrument cluster assembly.

2) To reinstall, reverse removal procedure while noting the following: If the connector link between CVR and temperature gauge has to be replaced, make suitable connector out of 16 gauge or larger insulated wire.

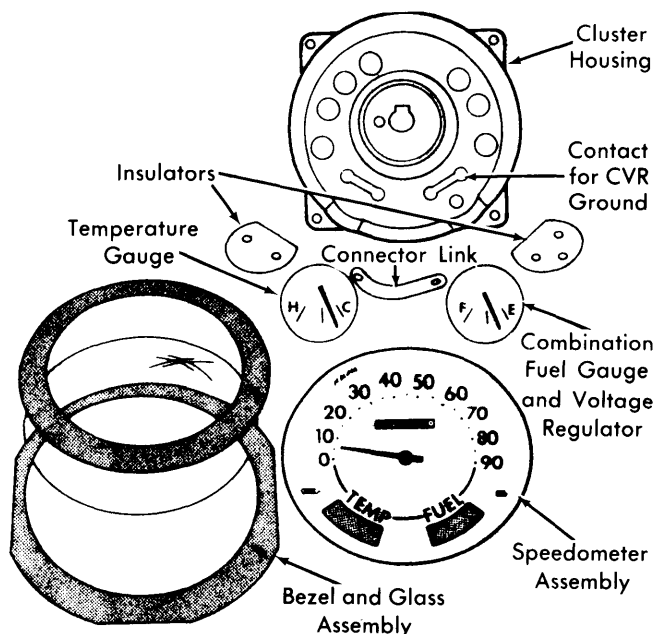


Fig. 1 Exploded View of Instrument Cluster ("CJ" Models)

Cherokee, Wagoneer & "J" Models – Instrument cluster is composed of speedometer housing, panel lights, high beam indicator, turn signal indicators, ammeter, oil pressure gauge, temperature and fuel gauges, constant voltage regulator (CVR), brake failure warning bulb, lockout warning bulbs (Quadra-Trac), heater control lights, wiper-washer and heater control lights, and blower motor fan switch. To remove and install cluster, proceed as follows:

1) Disconnect battery and remove six cluster retaining screws. Disconnect speedometer cable. Pull cluster pin terminal plug straight away from cluster. Disconnect four-terminal plug, fan switch connector plug, and vacuum hoses from heater control. **NOTE** – Tag hoses to aid in reinstallation.

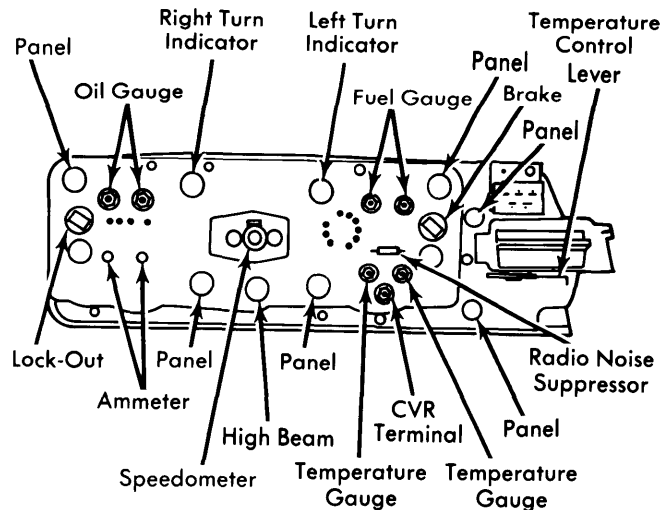


Fig. 2 Rear View of Instrument Cluster (Cherokee, Wagoneer & "J" Models)

2) Remove two heater control panel lights, and disconnect temperature control wire from lever. Remove instrument cluster assembly. To reinstall, reverse removal procedure.

PRINTED CIRCUITS

Cherokee, Wagoneer & "J" Models – With instrument cluster out of dash panel, remove constant voltage regulator (CVR) and terminal nuts from temperature and fuel gauge studs. Remove attaching screws and lift circuit board off back of cluster.

HEADLIGHT SWITCH

All Models – Disconnect connector plug from switch, pull control knob out to second position. From behind instrument panel, depress knob release button and pull knob out of switch. Remove retaining nut and bezel. Remove switch through rear of instrument panel. To install, reverse removal procedures.

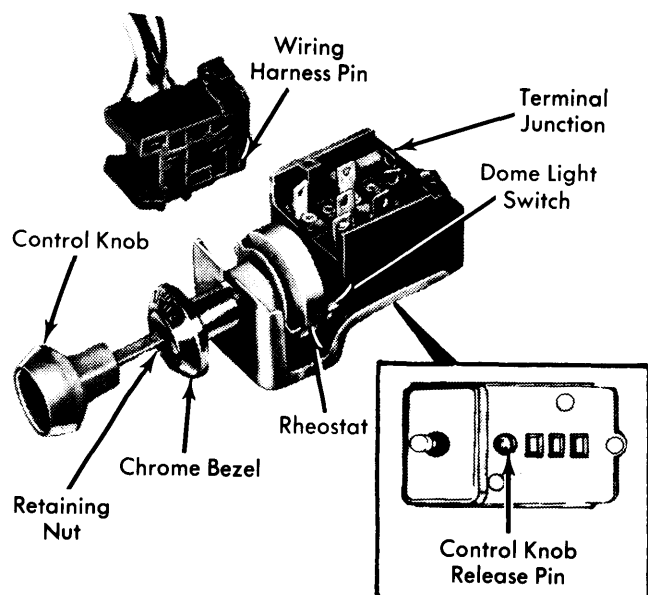


Fig. 3 Headlight Switch & Harness Connector