

## YOU'LL NEED

- ◆ Clean Work Area
- ◆ Vehicle and trim temp. above 65°
- ◆ Wire cutters
- ◆ Wire strippers
- ◆ Pliers
- ◆ Torx® bit set
- ◆ Metric socket kit
- ◆ Door panel tool or putty knife
- ◆ Drill
- ◆ 1/2" & 9/64" Drill bits
- ◆ Utility knife
- ◆ Screwdrivers
- ◆ Electrical tape
- ◆ Small center punch
- ◆ Soft wire or wire snake
- ◆ Soft, clean cloths/strags
- ◆ 3M Adhesive Cleaner (91433984 or equiv.)
- ◆ Marker

## PRE-INSTALLATION

- ◆ **DISCONNECT NEGATIVE BATTERY TERMINAL**
- ◆ **DO NOT REMOVE** the red tape liner or protective covering until instructed to do so.
- ◆ **DO NOT INSTALL WIRING HARNESS** until instructed to do so.

## INSTALLATION INSTRUCTIONS

- ◆ **PRE-FIT ALL THE PANELS**, checking both fit and alignment.
- ◆ **REMOVE THE INNER DOOR PANELS** by removing the Torx screws from the door handle at the top of the door and the map pocket. Using a door panel tool or screw driver, push the spring clip from behind the window crank and release it. Push the center button of each panel retainer in one click. Using the door panel tool or putty knife, carefully pry near the location of each panel retainer until the door is released.
- ◆ **REMOVE THE FLOOR STEP/SEAT BELT** trim panels by removing the Torx head screws in the floor. Carefully slide the panel up the seatbelt web and out of the way.
- ◆ **REMOVE THE KICK/TRIM PANELS** below the dash just in front of the door by removing the hex head nuts/bolts.
- ◆ **HOLD THE DOOR PANEL(S)** up and mark the location directly behind the front light for drilling.
- ◆ **HOLD THE REAR PANEL(S)** up and mark the location directly behind the light.
- ◆ **CENTER PUNCH THE FOUR MARKED LOCATIONS**, pilot, then drill a 1/2" hole through *the outer sheet metal only* at each location. Finish by installing a nylon grommet in each hole.
- ◆ **PREPARE THE SURFACES** where the panels will mount by thoroughly cleaning with 3M cleaner. Surfaces must be clean and dry before mounting panels.
- ◆ **MOUNT THE DOOR PANEL(S)**. Peel the red backing from the panel(s). Pull up the two male ends of the panel wiring, hold the panel near the door and feed the wires into the door. Align the panel with the bottom of the door and touch the bottom edge. Check alignment and wiring, then press the rest of the panel to the door. Using a soft clean cloth, apply pressure over the flanges of the panel to ensure the tape completely adheres to the surface. Check your edges and re-apply pressure where necessary.
- ◆ **MOUNT THE REAR EXTENSION PANELS**. Feed a short section of soft wire or a wire snake through the small rectangular cutout behind the seatbelt tensioner and out the grommet in the outer rear sheet metal of the cab. **DO NOT DRILL OR MODIFY** the panel where the seatbelt is mounted. Attach the panel wiring to the wires/snake with tape. *You will need to stagger the wires so that they will fit through the grommet.* Peel the red tape backing from the panel and feed the wiring through the grommet. **Align the rear panel** with the panel on the door and the

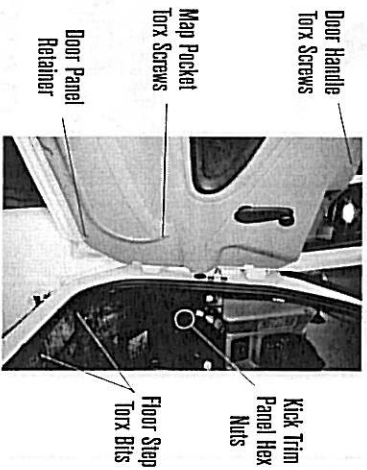


Fig. 2 - Inside of door and cab

## INSTALLATION INSTRUCTIONS (continued)

- rear edge of the door opening. Touch the bottom of the panel down. Using a soft, clean cloth, apply pressure over the flanges of the panel to ensure the tape completely adheres to the surface. Check your edges and re-apply pressure where necessary.
- ◆ **MOUNT THE FRONT EXTENSION PIECES**. Peel the red tape backing from the panels. With the door closed, line up the front extension pieces with the door panels and touch the panel to the surface. Using a clean cloth, apply pressure over the entire panel to ensure that the tape completely adheres to the surface. Check your edges and re-apply pressure where necessary.
- ◆ **PEEL** the protective covering from all of the panels.

## WIRING INSTRUCTIONS

- ◆ **START WITH THE REAR CAB EXTENSION PANEL(S)**. Connect a power cable to the panel(s) wiring that is coming through the rectangular opening behind the seat belt tensioner, matching the wire colors. Run the cable down, under and away from the seat belt tensioner. Use zip ties to secure the cable down and away from the seat belt tensioner so that it will not interfere with it in any way. Continue the cable forward along the space between the floor mat and the door opening that the step trim covers to the area behind the black plastic kick panel that was removed just forward of the door.
- ◆ **WIRE THE DOOR PANEL(S)**. Connect a power cable to the door panel wiring matching the wire colors inside the bottom of the door cavity. Route the cable along the bottom of the door cavity and up the front inside of the door to the black knockout plug or wiring harness rubber. For trucks without power windows, cut a small "X" through the plug with a utility knife. Make the same cut in the corresponding plug in the doorjamb that leads inside the cab. Route the cable through the knockouts and into the area behind the kick panel where the other cable was routed. For trucks with power windows, remove the ends of the black rubber wiring harness boot from the door jamb. Route the cable through the boot with the wire snake (You can't just push the wire through. Use the wire snake and take your time.) and into the area behind the kick panel inside the cab where the other cable was routed.
- ◆ **CHECK AND ADJUST THE CABLE** so that it will not get pinched or chafed in the doorjamb and that it lays flat in the bottom of the door cavity.
- ◆ **STRIP A TWO-INCH SECTION** of the black rubber covering on the power cable leading from the door where it will be behind the black plastic kick panel. (Fig 3). This will not be at the end of the power cable, but somewhere along its length. Do not strip the covering from the wires inside and do not cut this cable to length yet. Close a splice tap connector over each wire. (Fig 6).
- ◆ **THE CABLE LEADING FROM THE REAR OF THE CAB** now needs to be cut to length to tie in with the cable leading from the door behind the kick panel. Split and strip the end of the power cable and the wires. (Fig 4). Feed a push connector onto the end of each wire and crimp with pliers. (Fig 5). Matching the wire colors, plug the push connectors on the power cable from the door. (Fig 7). The door lights and the rear cab light are now tied in together.

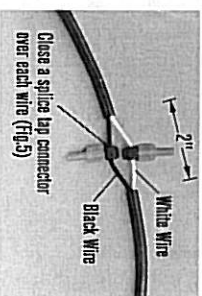


Fig. 3 - Power Cable In-line tie in (located with 4.5, 6, 7)



Fig. 4



Fig. 5



Fig. 6



Fig. 7

Split and stripped wiring harness

Insert stripped wire into push

Attach splice-tap wire connector

Join the splice-tap & push

continued on reverse