

# 1987-90 Jeep YJ Optional Rear Defroster Harness

92972864

On this page are the supplied terminals, sleeves and harness assemblies included in the 510797 Rear Window Defroster Kit. These will be used to complete your Rear Window Defroster connections as shown on pages 2 and 3, and are referred to by the letters and descriptions on this page.

**NOTE:** Any 1987 -1990 Jeep YJ equipped with a hardtop was available with an optional "heated grid" rear window defroster. This new AAW harness will plug into your factory dash mounted switch and relay/time module (The defroster switch and relay are not included with this kit. See page 9 of the 510742 main instruction set for switch information. The defroster timer/relay module is available for purchase separately from AAW as part number 10014885), and continue to the back of the vehicle to plug into the rear glass assembly. On pages 2 and 3, you will find illustrations depicting how to assemble all of these parts to complete your installation.

### Directions for Main Rear Defroster Harness A:

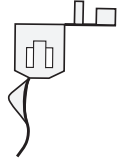




1. Plug the loaded 6-position connector and pigtail assembly on this harness into the dash/main harness (510743) optional accessory connector plug as shown on page 2 of this instruction set (Also see page 7 of the 510742 main instruction set). **NOTE:** You will need to remove the existing mating plug from the dash accessory connector that was plugged in at the factory prior to installing this new connector. Next, plug that loose connector into the pigtail on the defroster harness. If you require other 12-volt ignition, battery or accessory fused power feeds, use the 4" pigtail connector lead provided on your new Rear Defroster Harness; this will replace the pigtail included in the Classic Update dash once the Defroster harness has been installed. This operation is shown on page 2 of this instruction set. If needed, the terminals to make any extra plug-in connections are located in the loose piece parts kit of the 510742 dash kit.
2. Route the right-hand end of the "Rear Defroster Harness A" up over top of the steering column then down to the rear defroster switch in the lower dash assembly and plug it onto the switch.
3. Located in the same 6-position connector on the rear defroster switch is a black wire with a ring terminal. You must attach the ring terminal to the metal frame of the dash assembly to ground the system in order for it to operate properly.
4. Route the left-hand end of the "Rear Defroster Harness A" over to the rear body harness plug-in area. Plug the 5-way connector onto the Rear Defroster Timer/Relay Module. This connection/relay will just tuck into that area and lay loose. You can secure it with wire ties or by other means if you wish.
5. Connect the 2-way connector with the black and brown wires to the "Rear Hard Top Extension Y" as shown on page 35 of the 510742 main instruction set.

### Directions for Hard Top Harness B:

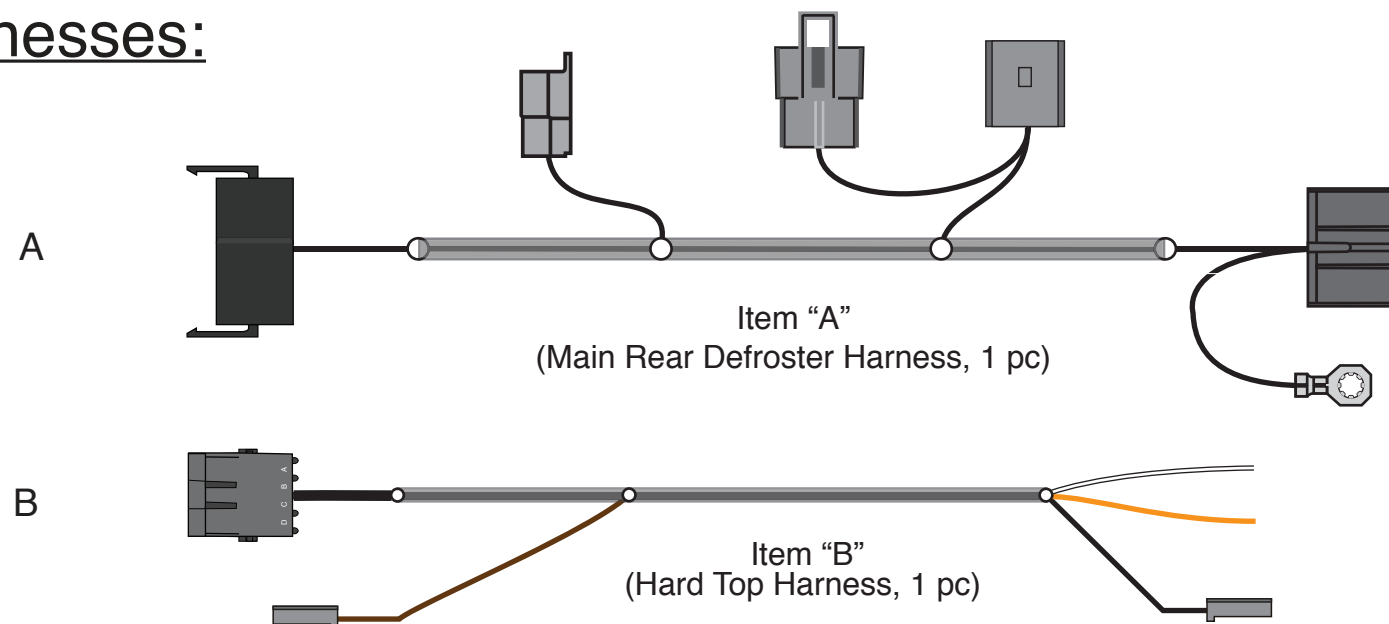
**NOTE:** The original hard top harness is inside of the hard top assembly and may not be removable. The new hard top harness is intended to replace your original should yours be damaged. You will need to attach the new harness to the inside of your hard top assembly.

6. In the left rear of the vehicle, plug the new "Hard Top Harness B" into the "Rear Body Harness Extension Y" shown on page 35 of the 510742 main instruction set. Route and plug the brown 12V power feed for the glass grid onto the male blade on the left rear liftgate strut assembly. Route and plug the black ground lead for the glass grid onto the male blade on the right rear liftgate strut assembly.
7. You have options on the dome lamp wiring with the new hard top harness. Route the orange and white dome lamp wires to the dome lamp assembly area. Follow the installation instructions as shown on page 3 of this instruction set.

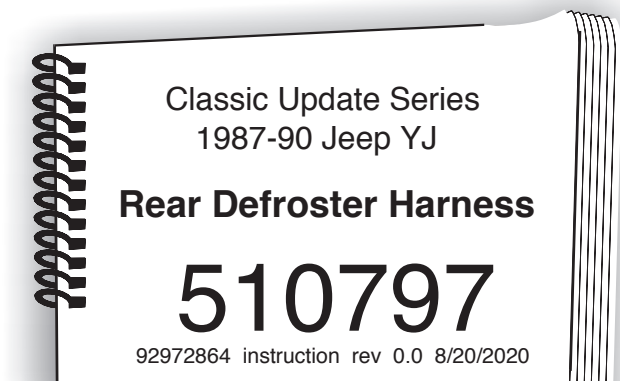
## Loose pieces:

C		(Terminal, Dome Light, 3 pcs)
D		(Male Bullet, small, 3 pcs)
E		(Sleeve, rubber small, 3 pcs)
F		(Female Bullet, 3 pcs)
G		(Sleeve, rubber large, 3 pcs)

## Harnesses:

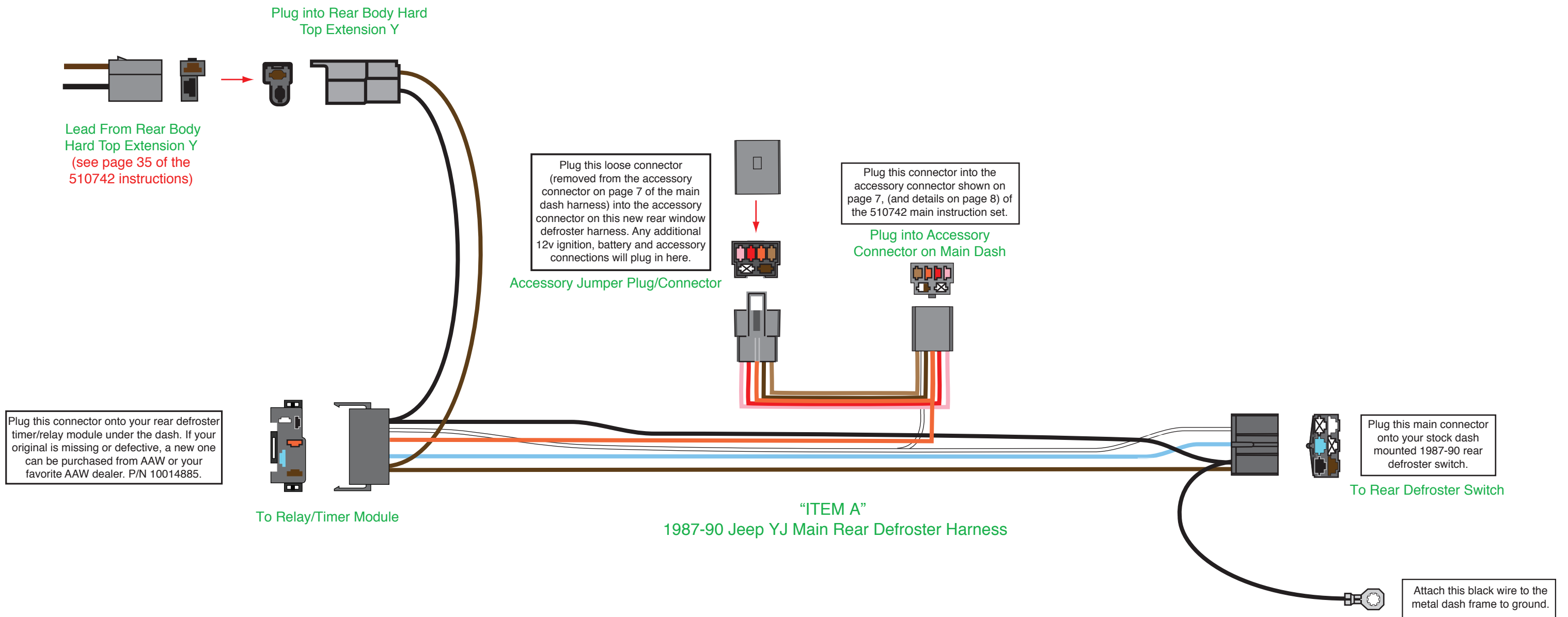


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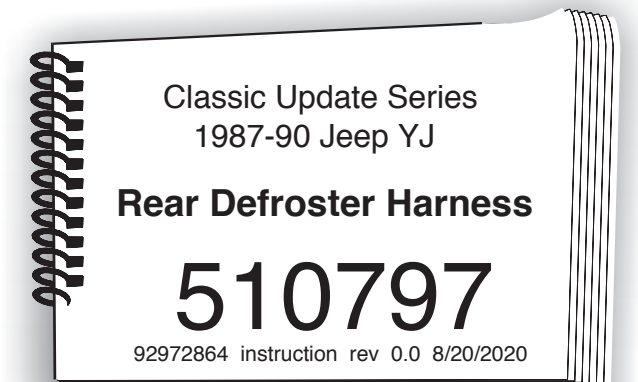


# 510797 Rear defroster dash.main harness installation instructions:

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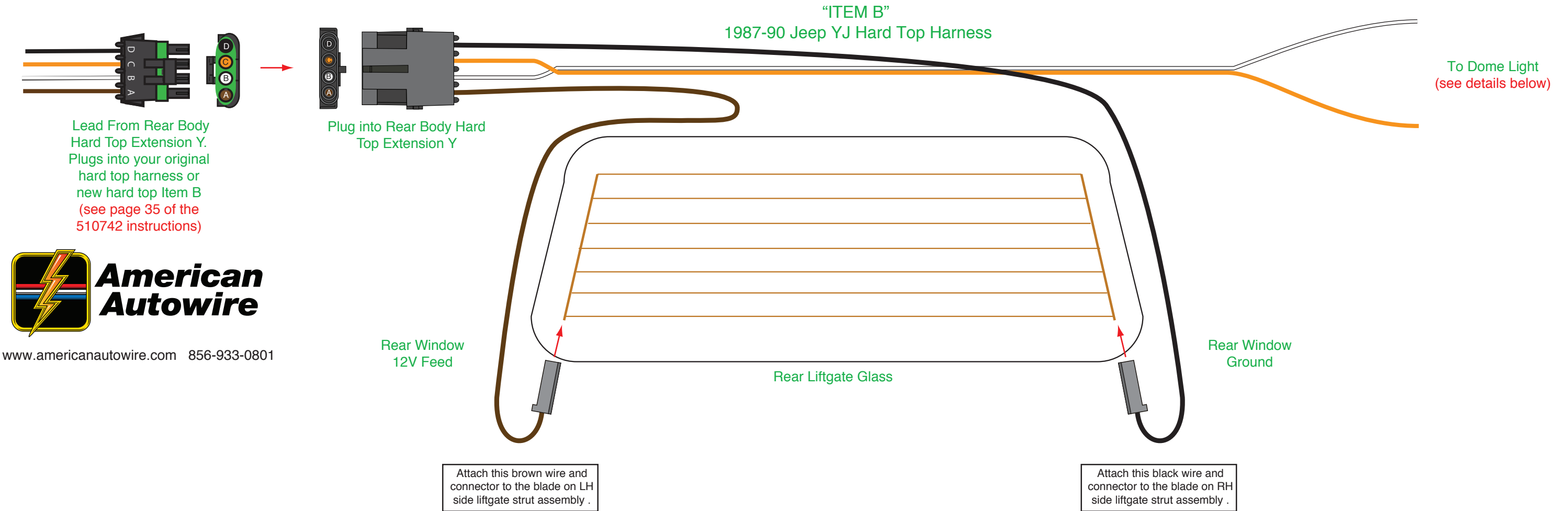


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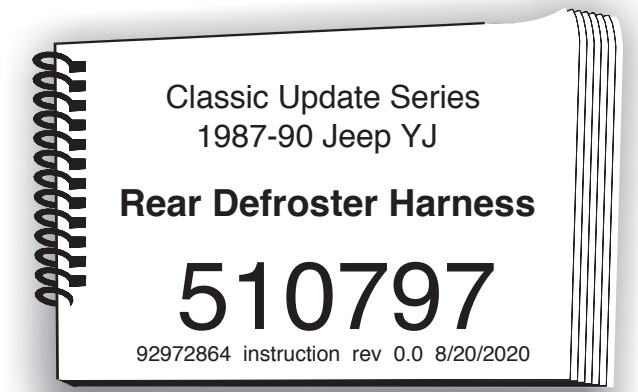
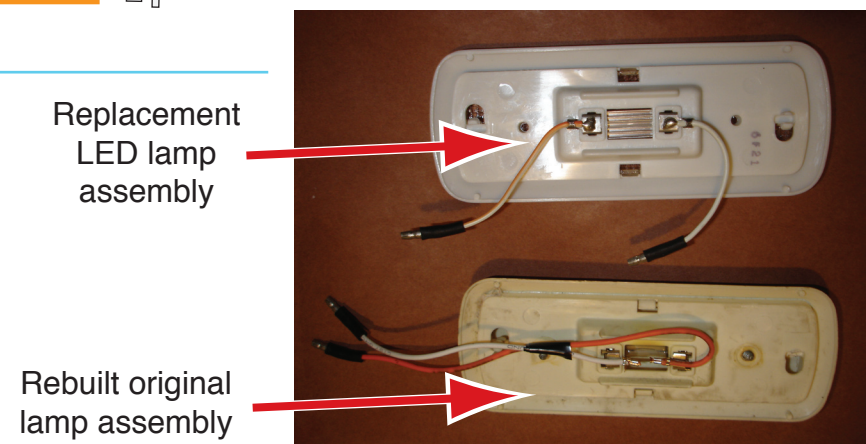
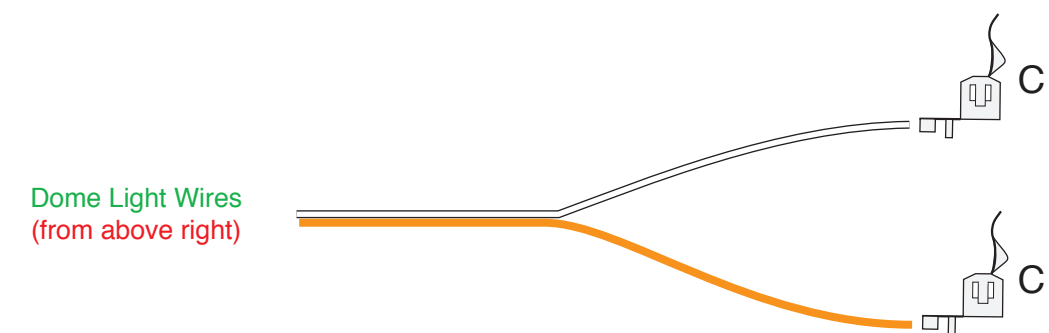
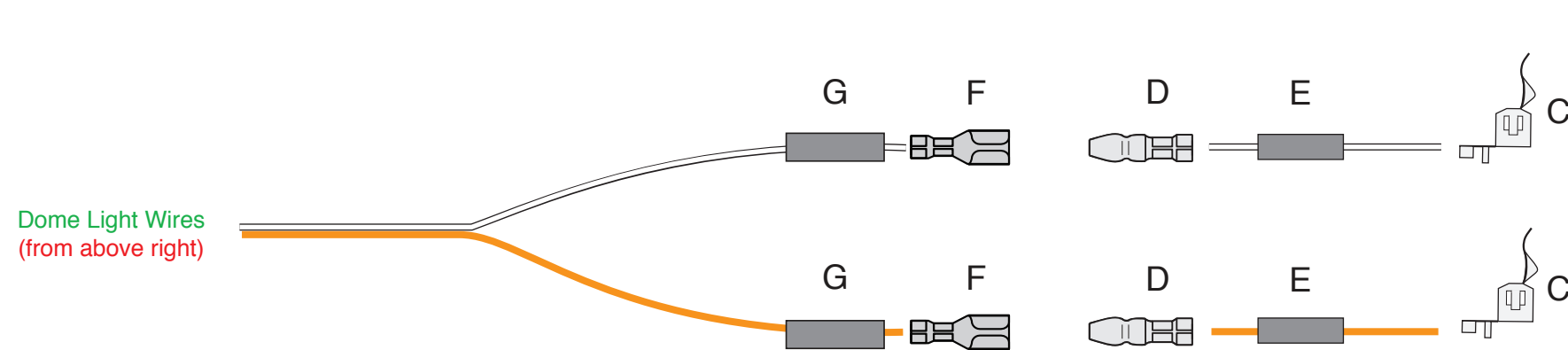


# 510797 Rear defroster hard top harness installation instructions:

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Classic Update Series  
1987-90 Jeep YJ

Rear Defroster Harness

**510797**

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