

1980-86 Ford Bronco Optional Rear PW Harness

This new AAW harness is meant to be used in conjunction with our 510724, 1980-86 Ford F100-350 and 1980-86 Ford Bronco Classic Update kit. In this kit, you will find all the harness components necessary to make the connections to your dash mounted switch and your factory rear power window switch and harness assembly mounted in the tailgate of your 1980-86 Bronco. All 1980-86 Broncos used an electrically operated power rear tailgate window. There was a dash mounted switch assembly located with the factory heater and A/C controls, a main harness assembly, and a rear window switch and harness assembly that disconnected from the main harness assembly in the LH rear of the truck. This new AAW kit consists of the main harness that connects to the dash mounted switch and to the rear tailgate mounted switch and harness assembly only. This kit **DOES NOT** include the actual tailgate mounted switch and harness assembly, nor does it include the dash mounted switch itself. You must re-use your originals as they are not commercially available new. Please use the directions on this page as well as the drawings and notes on page 2 of this instruction set to install your new AAW optional rear power window harness.

Directions:

1. Plug the 6-position connector containing the two pink wires into the dash/main harness (510725) optional accessory connector plug (see photo 14 on page 9 and detail info on page 10. 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). If your truck also has power windows, or if you require another 12 volt ignition fused power feed, please use the 4" pink pigtail wire that is doubled up in the 6-position connector to make your connection. This connection is shown on page 2 of this instruction set. If needed, the terminals to make this extra plug-in connection are located in the loose piece parts kit of the 510725 dash kit.
2. Plug the Bronco "Rear Power Window Harness A" onto your existing factory original dash mounted rear power window switch at the heater or A/C control head.
3. Located at the same branch as the 6-position connector containing the two pink wires is a black wire with a ring terminal. You must attach this to a good known ground for the system to operate properly.
4. Your stock original rear tailgate power window harness (**not included in this kit**) exits the tailgate then enters the rear body of the truck in the LH rear tail lamp cavity area of the truck. You will find a molded rubber connector containing black with white stripe, purple with lt. green stripe, and purple with lt. blue stripe wires at the end of that harness/switch assembly. Cut that connector off of the harness, install terminals E onto each of those wires, and then plug them into connector D in the order shown on page 2 of this instruction sheet.
5. Next, route the pink, tan, and light blue wires of this harness out through the grommet in the LH driver's side of the firewall along with the wiring from the LH engine harness (510727) and rear body harness (510729). Continue these wires down to the bottom of the firewall and back along the LH driver's side frame rail to the rear of your Bronco (along with your other rear body wiring), then up inside of the LH driver's side tail lamp cavity area at the rear of the truck. Cut these wires to length, install terminals C, and plug them into connector B in the order shown on page 2 of this instruction sheet so that when connector B is plugged into connector D from #4 above, the wires maintain continuity with the wire & function chart below:

AAW wire color

Pink
Tan
Lt. Blue

Function

12v Power
Window Down Cycle
Window Up Cycle

Ford wire color

Black/ White Stripe
Purple/ Lt. Blue Stripe
Purple/ Lt. Green Stripe

The kit consists of the following:

1. '80-'86 Bronco Rear PW Harness A.
2. 3-way female connector B.
3. (5) female terminals C.
4. 3-way male connector D.
5. (5) male terminals E.



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Classic Update Series
1980-86 Ford Bronco

Rear PW Harness

510486

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If you have power windows, or a need for an additional ignition fused accessory, plug it into this pigtail.

Plug this connector into the optional accessory connector plug shown on page 9, photograph 14 (and details on page 10) of the 510724 main instruction set.

Attach this black wire to a good known ground.

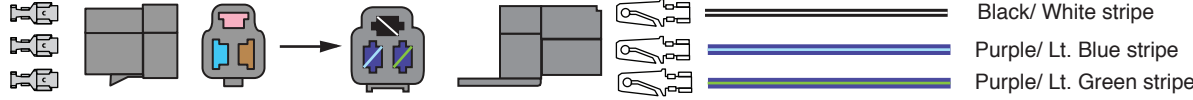
Plug this main connector onto your stock dash mounted 1980-86 rear power window switch.

Plugged into mating connector from the factory

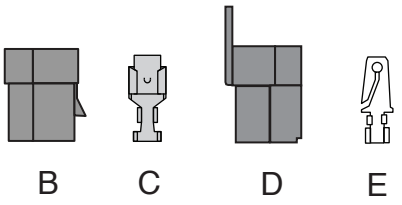
Main Switch Connector

1980-86 Bronco Rear PW Harness A

Original Ford Power Tailgate Window Switch Wires



C B As viewed looking into the open end of the connectors D E



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