



Description: [LED Tailgate Spoiler](#)
Part Number: 861148
Application: 97-03 F150

Tools needed
Wire Crimpers
Crimp wire connector
3/8 ratchet
torx bit
7/16 socket



Start by opening your tailgate



You will need to remove the torx bolts holding the panel on the back of your tailgate.



Once the torx bolts are removed lift the panel off of the tailgate.



Remove your stock cap by pulling up from one corner. The cap is held in with clips so you may need to use some force to get it started.



Once the stock cap is removed you can set it aside as you do not need it anymore.



There is a hole in the tailgate located on the bottom passenger side. This is where you will run your wires through.



If you feed the bottom portion of our harness up through the tailgate you can use it to pull the of the wires down through the tailgate.



Once you have all the wires through you can connect them to each other by matching up the colors. The white wire will be wired into the taillight so make sure this is coming out the bottom of the tailgate.



After the wires are fed through the tailgate you can install the new cap. Start on one side and snap it into place.



This is what it should look like now.



Replace your cover on the tailgate removed earlier.



Route your wires down the back side of the bumper.



Route the harness with the flat 4 connector behind the bumper and connect it to your trailer wiring.



Remove your passenger taillight. There are 2 7/16 bolts holding it to the vehicle.



Once the 2 bolts are removed pull the taillight off the body and untwist the light sockets from the housing.

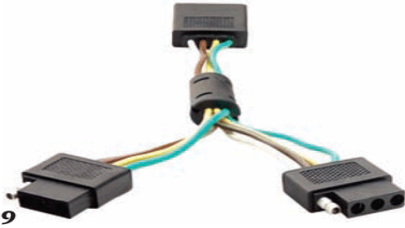



Route the white wire up through the taillight pocket from the underside of the vehicle. This wire gets connected to the power wire on the reverse bulb. In this case the wire was black with a red tracer. Once this is done replace the taillight back on the vehicle.



You are now done with installing your new tailgate cap on your truck.

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UNIVERSAL DUAL 4 WIRE FLAT ADAPTER	UNIVERSAL 7 PIN UNIVERSAL TRAILER ADAPTER
 <p style="margin-top: 10px;">851009 Dual 4 Wire Flat Adapter <ul style="list-style-type: none"> • Simple plug and play • Plugs into any vehicle side 4 wire flat </p>	 <p style="margin-top: 10px;">851010 7 Pin Universal Trailer Adapter <ul style="list-style-type: none"> • Plugs into most 7 pin trailer outlets • Two 4 wire flat connectors • 12v + and reverse leads for auxiliary lighting • Color coded wiring to match most trailer application </p>

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