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## Installation Instructions

### *XRC Tube Fenders*

76872, 76873 (97-06 Wranglers)

76862, 76863 (87-95 Wranglers)

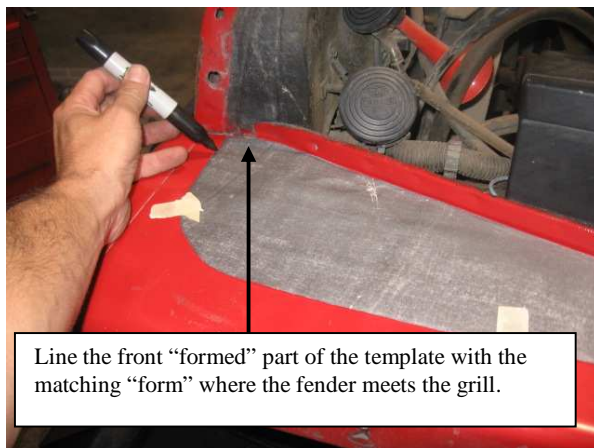
**Please read instructions thoroughly before installing this product. Major modifications are required to install this product and it's recommended to be done by an experienced mechanic/installer.**

Parts Included	Qty
Drivers Side Flare	1
Passenger Side Flare	1
6mm Allen Button Head Bolt	10
6mm Lock Nut	10
6mm Flat Washer	24
3/8" x 1" Hex Head Bolt (YJ)	6
3/8" Lock Nut (YJ)	6
3/8" Flat Washer (YJ)	6
8mm 1.25x30mm Hex Head Bolt (TJ)	8
8mm Flat Washer (TJ)	8
8mm Lock Nut (TJ)	8



**Step 1:** Disconnect turn signals and secure wiring back out of the way. Remove the current plastic flares from your vehicle.

**Step 2:** Trim the included template out, connect together and set on top of the fender. Place the formed front portion to match the form of the fender where it meets the grille and lay down towards the back of the fender where it meets the body tub/firewall. Use a marker to outline the template on the fender. (



Line the front "formed" part of the template with the matching "form" where the fender meets the grill.

(Fig A)



(Fig B)

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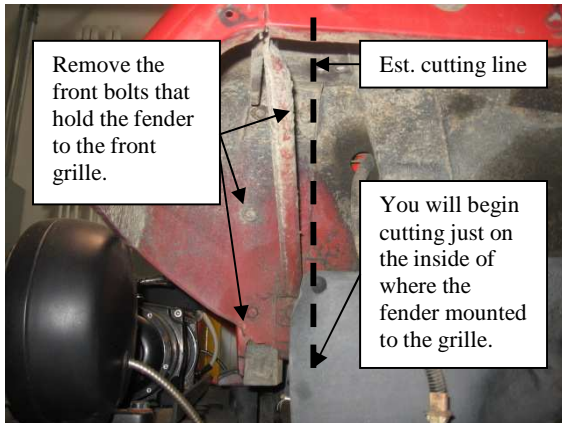
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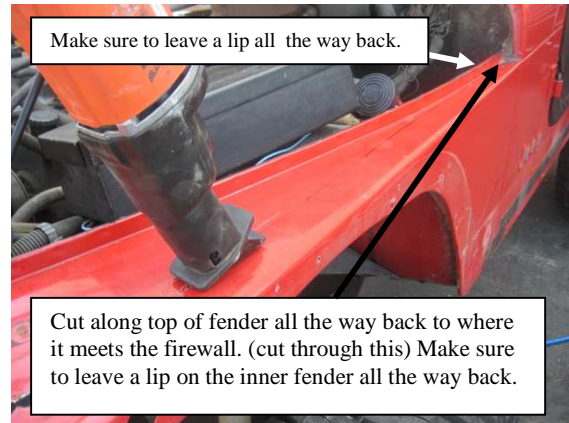
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**Step 3:** Remove the bolts that hold the front of the fender to the front grille. (TJ-3) (YJ-5) Fig C



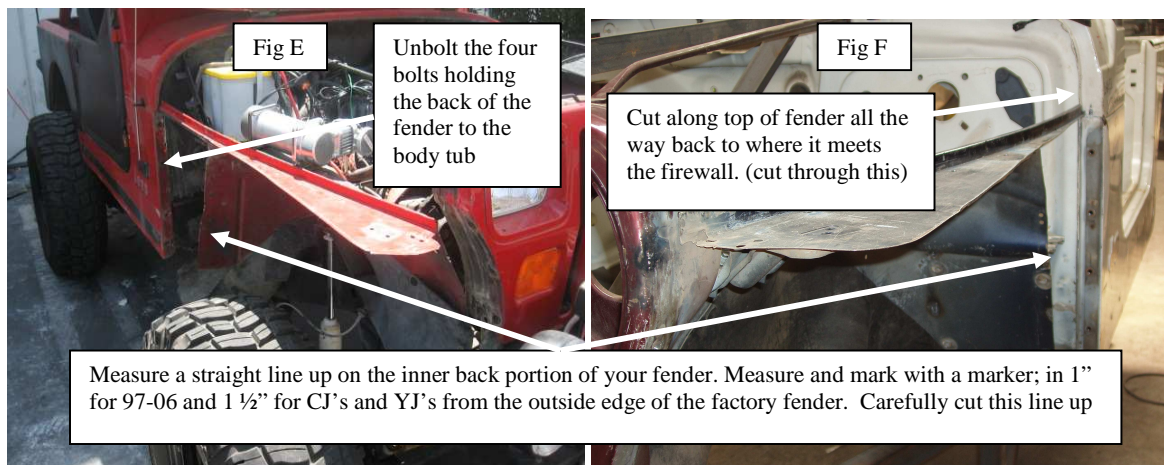
(Fig C)



(Fig D)

**Step 4:** **NOTE: Use extreme caution before cutting; make sure all wires, cables or any other obstructions are out of the way.** Using a sawzall or other cutting tool carefully cut the fender off. You will begin cutting from just behind where the fender mounted to the front grille. (Fig C) You will be cutting from where the fender meets the grille up and along the top of the fender all the way to where the fender mounts to the firewall. (Fig D,E,F) Make sure to leave a lip all the way back to the tub. (Fig D)

**Step 5:** Measure a straight line up on the inner back portion of your fender. Measure and mark with a marker; in 1" for 97-06 and 1 1/2" for CJ's and YJ's from the outside edge of the factory fender. **NOTE: Use extreme caution before cutting; make sure all wires, cables or any other obstructions are out of the way.** Cut this line up. (Fig E, F)



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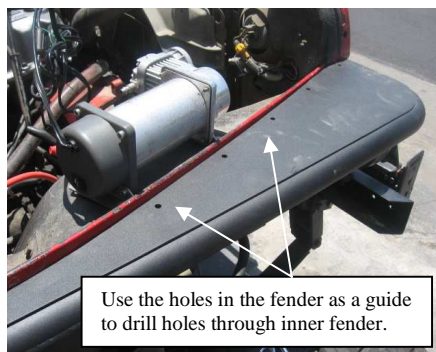
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**Step 6:** Unbolt the four bolts holding the back of the fender to the body tub and remove what is left of (Fig E) Keep these bolts, they will be re-used with the new fender. You should now only have the inside fender left. ( Fig G)

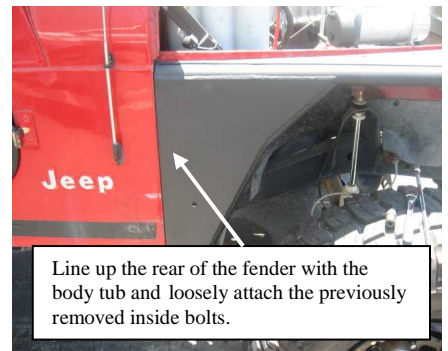
**Step 7:** Position the fender on your vehicle by placing it over the inner fender (Fig H) and line up the front bracket with the oem grille and loosely attach using the factory bolts previously removed. (Fig J) Line up the rear of the fender with the body tub and loosely attach the previously removed inside bolts. (Fig I) Check to make sure you have a gap underneath between the inner fender and your new fender. (Fig K) If it is rubbing anywhere, use a grinder on the inner fender to grind it down to make clearance for the fender. Due to variance in vehicle tubs if a hole is slightly off you can use a die grinder in order to open up the holes in the fender. Once you have the fender in the correct position tighten the bolts. **NOTE:** You may need to trim the battery tray so the fender clears.



(Fig G)



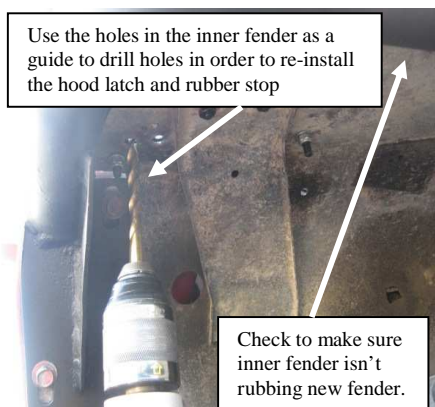
(Fig H)



(Fig I)



(Fig J)



(Fig K)



(Fig L)

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**Step 8:** Now that you have the front and rear of the fender bolted on, use the holes in the top of the fender as guides in order to install the top bolts. (Fig H) Using a 1/4" bit drill through the inner fender and attach using the supplied allen head bolts. (Fig L)

**Step 9:** Attach the lower inner fender to your new fender

- A. On TJ's you can either reuse the factory hardware or the included 8mm hardware.
- B. On YJ.s use the holes in the fender as a guide to drill a hole using a 3/8" bit. (Fig M)



(Fig M)



(Fig N)



(Fig O)

**Step 10:** Use the inner fender as a guide to drill holes up through the fender for your hood latch and rubber hood stops. (Fig K) Re-install your hood latch and rubber stop. (Fig N) You may need to trim the bottom plugs on the rubber stop and use some kind of adhesive. Installation is now complete. Make sure all hardware is tight.

### CARE AND MAINTENANCE

To protect your investment it is recommended to regularly wash and wax this part. Do not use any type of cleaners that contain abrasives that may damage the finish of your part.

### LIMITED WARRANTY

Smittybilt (The Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 5 years from the original date of purchase, such defect(s) will be repaired or replaced (At the Company's option) without charge for parts or labor.

To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of warranty coverage ( e.g. dated bill of sale, receipt), specification of defect, freight pre-paid with Returns Good Authorization Number from Smittybilt to place of purchase. Items returned to Smittybilt without a Returns Authorization Number will be refused and returned to sender at the sender's expense.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect accident or acts of nature. **THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THIS PRODUCT.**

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