

FRONT FENDERS WITH INNER FENDERS JEEP WRANGLER TJ/LJ/YJ/CJ7 INSTALLATION INSTRUCTIONS

TOOLS NEEDED

- 13mm socket
- 5/32" Allen head
- 5/16 wrench or socket
- 7/16 wrench or socket
- 7/32" Allen head
- 5/8 wrench or socket
- Cutting Tool (Sawsall, Cut off wheel, etc.)
- 5/16 Drill Bit

HARDWARE

- SWBFX-BP
- 8mx25x20 Hex head (8)
 - 8m Washer (8)
 - 8mx25x20 Button Head (6)
 - 1/4 x 3/4 Button Head (14)
 - 1/4 Flange Nut (14)
 - 5/16 x 1 Hex Head (4)
 - 5/16 Washers (4)
 - 5/16 Flange Nuts (4)
 - 3/8 x 1 Button Head (4)
 - 3/8 Flange Nuts (4)
- SWBFX-IF-PB
- 29 - 1/4 X 3/4 Button Head
 - 29 - 1/4 Flange Nut
 - 4 - 3/8 X 1 Button Head
 - 4 - 3/8 Flange Nuts

**Please read the mounting instructions below
carefully before attempting to install.**

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other great off-road products. Be sure to rate and review our prod-
uct online. If you have any questions or are missing parts, please
don't hesitate to call us at 269-353-1184!

It is always best to trial install before painting/finishing to ensure proper fit. If using a bed liner type product, you may need to use a drill or file to open holes or openings to the proper size. Be sure to keep any and all paint or bed liner products away from all threads.

- 1 Twist, then remove the turn signal and side marker lights. Now pull the wire clips on the wiring harness until its is removed from the fender. Tuck the wiring harness up and out of the way.**



- 2 Using a 13 mm socket remove the hood latch.**



3 Continuing with the 13mm socket, loosen the top support bolts both at the grill and bulkhead.



4 Use a flat head screwdriver to unlatch the tabs holding the relay box. Some boxes will have 2 tabs, others will have 4.



- 5** On the passenger side, use a 10 mm socket and an 8mm wrench remove the 3 bolts holding the relay box bracket. Save this bracket, you will need it later.



- 6** On the driver side, remove the washer reservoir, the horn the Vacuum actuator bracket and any other accessories mounted to the fenders.

- 7** Detach the battery cables from the terminals, remove the battery bracket holding the battery and remove it.

- 8** Unbolt the battery tray and move it aside so that you can unplug the battery pressure sensor. Keep both the battery tray and sensor as you will need them both later.



9 Remove the 4 bolts battery tray support bolts in the inner fender well using a 13mm socket.



10 Remove the 6 bolts at the front of the fender into the grill. There are three on the back and three on the side.



- 11** Remove the top of the air filter box and the air filter. Then using a 10 mm socket and a 8mm wrench remove the 3 bolts holding the air filter box.



- 12** Unplug and remove the vacuum box from under the battery tray support.



- 13** Remove the 5 fasteners holding the battery tray support bracket to the bulkhead using a 13mm socket. Remove the battery tray bracket.



- 14** Remove the 4 13mm bolts holding the fender to the body.



- 15** Track the turn signal and side marker wiring back to the grommet coming through the inside lower front of the fender. Push this grommet in so that it is no longer in the fender.



- 16** Remove the fender being careful of the wire harness coming through.

- 17** Now would be a good time to clean up any rust or other issues that you find with the fender off.



18 Install new battery tray bracket reusing three of the factory fasteners.



19 Install the new fender, starting with one 13mm hex bolt in the rear, then at least one 5mm button head in the front. Then start the rest of the fasteners, 2 more button heads in the front and three more hex heads in the rear. For the front, if you find you need more wiggle out of the grill, loosen or remove the top support bracket.



20 Before you tighten the bolts. Check your lines to be sure the fender is mounted straight. You want the fender to be in line with the body line. Once it is, tighten down one bolt to hold it, than tighten the rest of the rear bolts. For the front, line up the fender just below the square hole.

- 21** On your inner fender kit, install the perforated aluminum panel with 1/4 in button heads and flange nuts using a 5/32 Allen head and 1/2 in wrench.



- 22** Slide the front inner fender panel into position above the shock tower and attach using the 1/4 button heads and flange nuts. Get them all started first and leave loose for now.



- 23** Make sure all wires, harnesses, and such are push out of the way before sliding the rear inner fender into place.

- 24** Attach to the outer fender with the 3/8 Allen head bolt and the 1/2 flange nuts. Attach to the front inner fender panel with 1/4 button heads and flange nuts. Once all the fasteners are started, tighten all the bolts. 1/2 wrench and 7/32 Allen head.



- 25** Install the accessories as show below using the 1/4 button heads and flange nuts.

NOTE: Depending on the year of your wrangler and other options you may need to drill additional holes to mount some of the accessories to the inner fenders.



26 The horn on the driver's side uses the front perforated panel bolt to mount.



27 The Vacuum box gets relocated about 6 inches further in on the inner fender using the 1/4 button



28 Replace the air filter and lid. The air filter box will hang in place just fine, however an after market cone style air intake we feel look better.

- 29** On the relay box, install the front button head first, then the rear one so that the bracket will bend to fit the new location.



- 30** There is a hole for the air condition line fastener to pop into just before the relay box bracket



- 31** Install the battery pressure sensor and battery tray with the 5/16 hardware.

- 32** Reinstall the battery, fasten down with the battery holder and reattach your battery lines.

- 33** Hit trails and enjoy!