

# FABTECH

## INSTALLATION INSTRUCTIONS

FTS24212		JEEP JL/JT FRONT TUBE FENDER KIT
1	FT50665	FRONT FENDER (DRIVER)
1	FT50666	FRONT FENDER (PASS)
1	FT50700	HARDWARE SUBASSEMBLY
1	FT50673	LED LIGHT KIT BY QUAKE LED

FT50701		HARDWARE SUBASSEMBLY
1	FT50701	HARDWARE KIT
1	FT24212i	INSTRUCTIONS
2	FT50358	NUT TAB
1	FTAS12	STICKER FT BLUE 10X4
1	FTREGCARD	REGISTRATION CARD

FT50701 - HARDWARE KIT		LOCATION
8	5/16-18 X 1" BUTTON HEAD BOLT SS	
14	5/16-18 X 3/4" HEX BOLT SS	
22	5/16" SAE WASHER	
18	5/16-18 NYLOCK NUT	
14	#10 X 1/2" TEK SCREW	
2	5/16-18 NUTSERT	
1	THREAD LOCKING COMPOUND	

## 2018-2021 JEEP WRANGLER JL 2021 JEEP GLADIATOR JT FRONT TUBE FENDER KIT

**FTS24212**

## - TOOL LIST -

### **Required Tools (Not Included)**

- Basic Hand Tools
- Floor Jack
- Jack Stands
- Assorted Metric and S.A.E sockets, and Allen wrenches
- Torque Wrench
- Die Grinder w/ Cutoff Wheel or Sawzall
- Nutsert Tool
- Drill and Assorted Drill Bits

## - PRE-INSTALLATION NOTES -

### **READ THIS BEFORE YOU BEGIN INSTALLATION -**

Check all parts to the parts list above before beginning installation.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

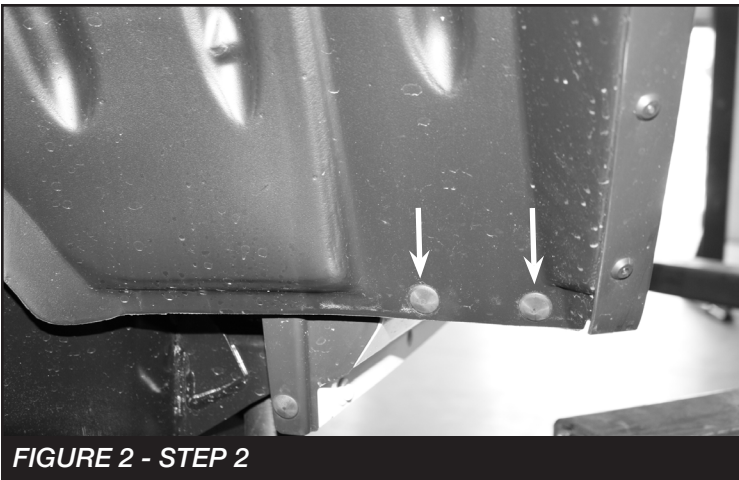
Use the provided thread locking compound on all hardware.

### **FOOTNOTES -**

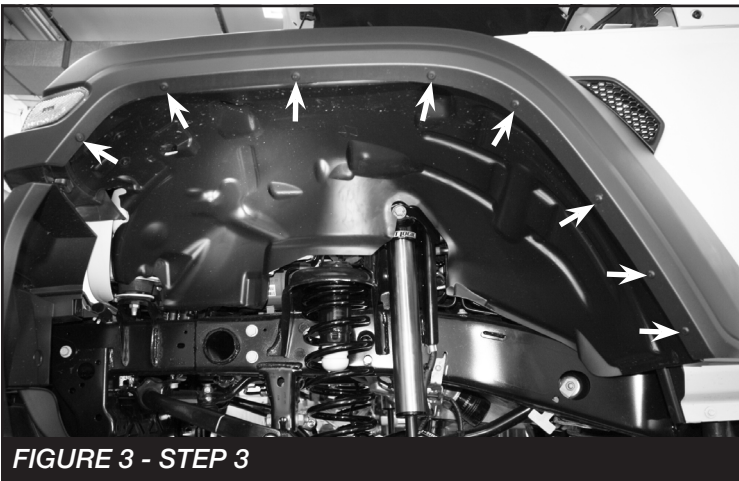
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## - FRONT INSTRUCTIONS -

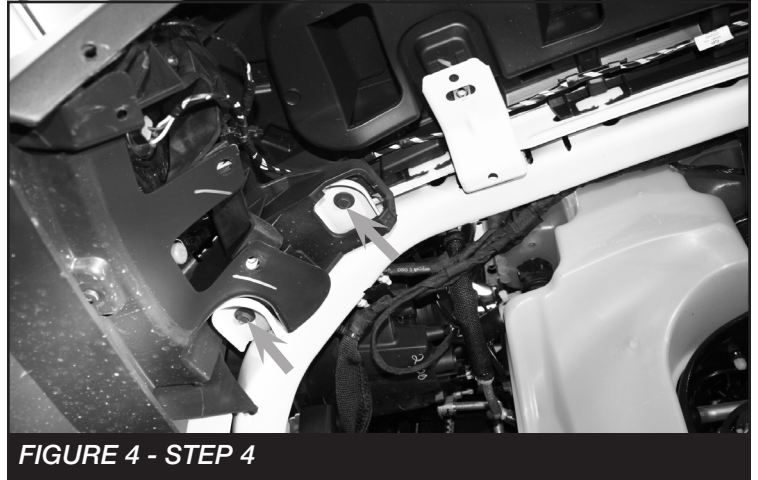
1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
2. Remove the bolts and plastic clips that hold the inner liner in place. **SEE FIGURES 1-2**



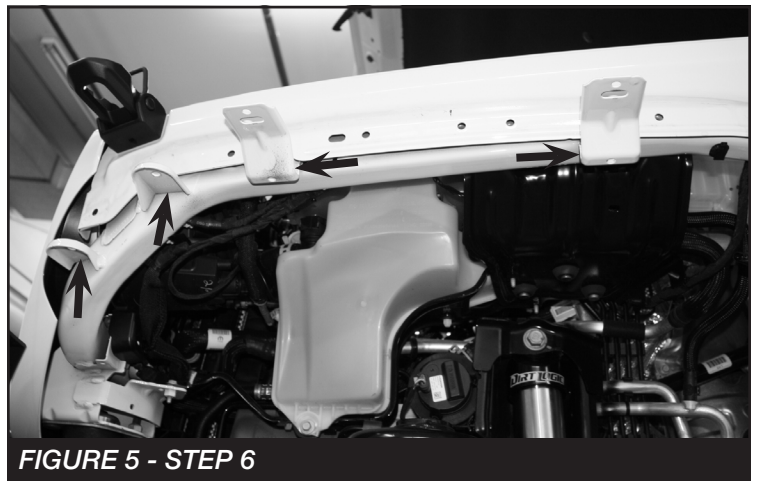
3. Using a small punch, release and remove the plastic rivets that hold the inner liner and fender together. Remove the inner line and set aside. **SEE FIGURE 3**



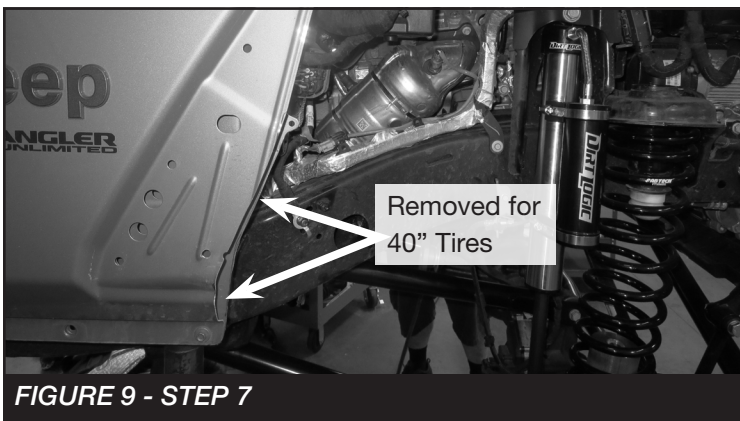
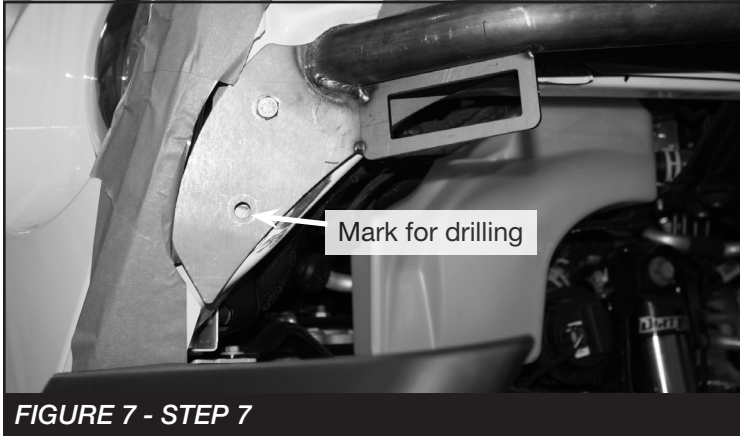
4. Disconnect the fender light harness plug. Remove the two bolts attaching the fender to the frame. **SEE FIGURE 4**



5. Release the white clips attaching the fender to the body panel and remove the fender from the vehicle.
6. Use a cut off wheel to cut off the four fender mounts on the frame. **NOTE: Cut flush and sand to a smooth finish, then paint all bare areas. SEE FIGURES 5-6**



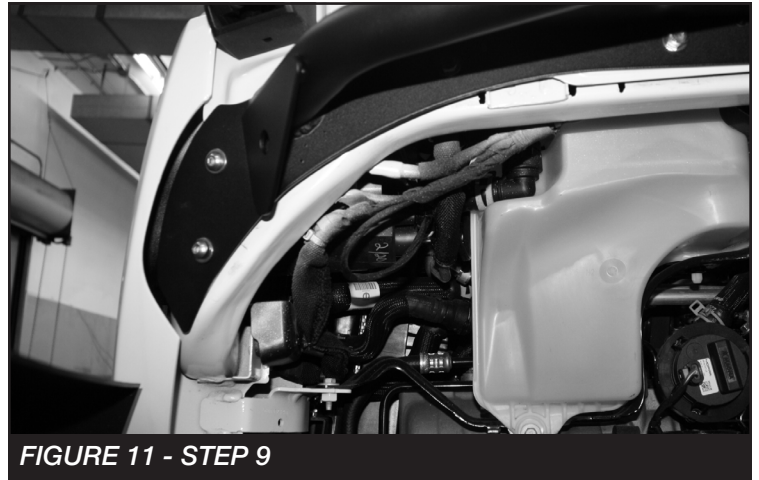
7. Install the new Fabtech driver side tube fender using a bolt/nut at the front location and one near the factory plastic vent. Mark the lower front hole on the frame and the rear inner hole on the body. Remove the fender. Drill out the front hole using a 17/32" drill bit and a 11/32" drill bit for the rear inner location. **NOTE: If installing 40" tires use the new fender to mark a line on the backside of the factory fender. Once the fender is off, cut and remove the marked part. SEE FIGURE 7-9**



8. Using a nutsert tool (not included) install the provided 5/16" nutsert into the front frame hole that you drilled in the last step. **SEE FIGURE 10**



9. Reinstall the fender onto the vehicle using the supplied four 5/16" X 1" button head bolts, four flat washers and two nylock nuts at the front location and rear bottom location. **NOTE: The rear most bolt will use the FT50358 nut tab.** Use the supplied seven 5/16" x 3/4" Hex bolts, washers, and nylock nuts for the inside mounting locations. Torque all hardware to 17 ft-lbs. **SEE FIGURES 11-13**



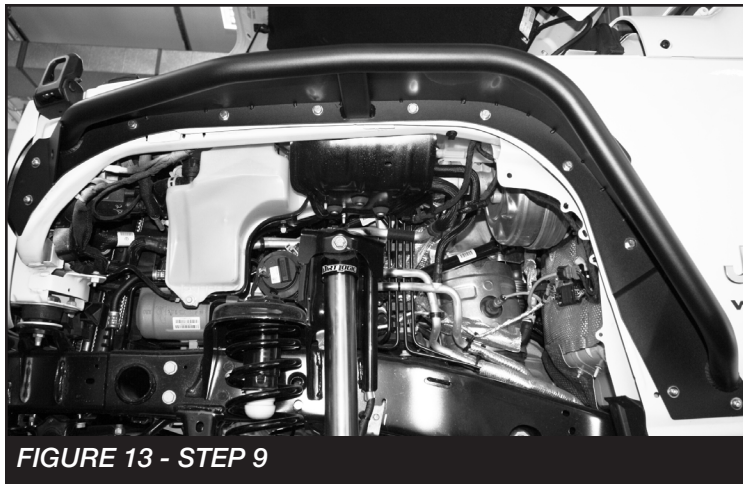


FIGURE 13 - STEP 9

10. Repeat Steps 2-9 on the passenger side.
11. Locate the Quake LED box located inside the fender box. Install the LED running lights into the new fender. **NOTE: Use one hex head screw to install the LED into new fender.** Then, install the 1" round LED. Feed the harness and plug through the inside of the engine bay and connect to the factory plug. Secure the harness. **SEE FIGURES 14-16 - (NOTE: DO NOT OPERATE THE TURN SIGNALS BEFORE WIRING THE NEW TURN SIGNALS. IT WILL CAUSE A WARNING THAT WILL NEED TO BE RESET BY DISCONNECTING BOTH BATTERIES.**



FIGURE 14 - STEP 11



FIGURE 15 - STEP 11



FIGURE 16 - STEP 11

12. Using a cut off wheel. Remove the edge of the pinched body mount inside the wheel well on both sides. **SEE FIGURE 17**

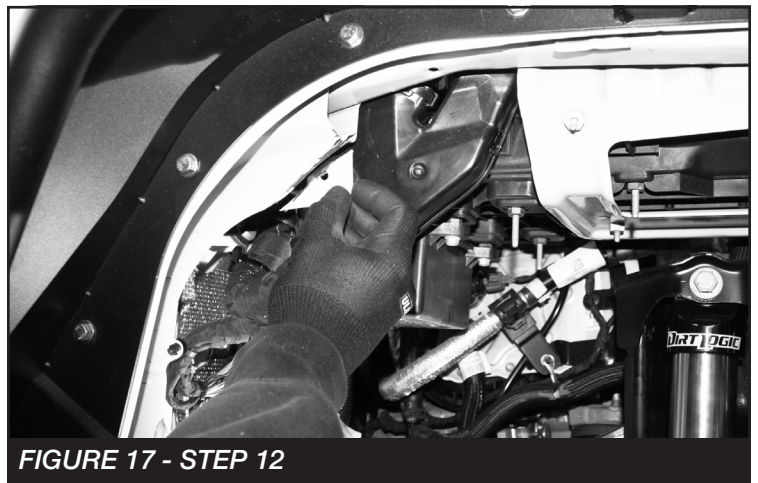


FIGURE 17 - STEP 12

13. Lightly install the inner fender liners. Mark, remove and trim the excess amount of liner from the body line. Reinstall the liner using the supplied #10 tek screws. **SEE FIGURES 18-20**



FIGURE 18 - STEP 13



FIGURE 19 - STEP 13

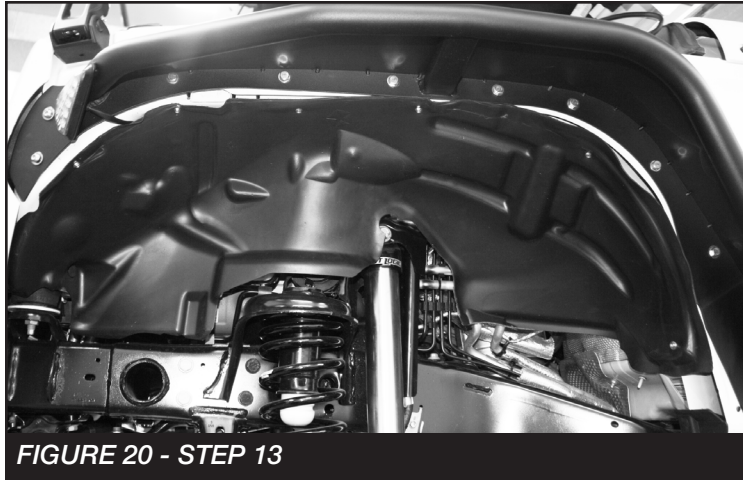


FIGURE 20 - STEP 13

14. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note - Some oversized tires may require trimming.**
15. Recheck all bolts for proper torque.

**Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.**

**RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.**