



"Master Your Terrain"

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www.tntcustoms.com

**Extreme Duty Replacement YJ
Fenders Jeep Wrangler
Installation Instructions**

Congratulations for purchasing T&T Customs, Inc. bolt-on replacement tube fenders for your Jeep Wrangler. Begin by unpacking your kit and comparing the contents to the packing list provided as attachment "A" to this manual. Please observe proper shop safety procedures when performing this install. Use proper eye and hearing protection as required and use safe jack stands/supports, placed appropriately for supporting the vehicle while you work on it if needed.

We strongly suggest fitting the fenders to the vehicle and performing the install procedure before you prep and paint the fenders. The fenders are shipped bare steel, please use caution during the prep and paint process, as the chemicals involved with that operation can be dangerous.

An aftermarket air intake system is required for all factory fuel injected equipped vehicles. Vehicles equipped with the 4.2 (258c.i.) do not require an aftermarket air intake system.

Some aftermarket rocker panel protection may have to be modified slightly to accept the TNT Customs replacement fender. Our fenders have a much larger wheel opening than the stock fender/flare combination. Minor trimming maybe required to the aftermarket rocker panel protection that is installed on your vehicle. Please check fitment and compatibility carefully prior to painting your fenders.

During the removal of your factory fenders please retain all the factory hardware you remove as some of it will be reused.

STEP 1:

Disconnect and remove the battery from the vehicle.

STEP 2:

Begin by removing the factory air induction system per the direction supplied with your aftermarket induction system. NOTE: Only applies to factory fuel injected engines.

STEP 3:

Remove the wiring harnesses that run through the front of the inner fender to the marker light. Pull the harness through the fender and secure to the grill support rods on each side. Remove all plastic mounting clips securing the wiring harness and air conditioning lines to the factory fenders. Secure the wiring harness to the grill support rod as needed. Disconnect the wiring harness from the horn(s), and washer bottle pump motor(s).

Disconnect the rubber supply lines from the washer pump motors. Remove the windshield washer bottle from the Drivers side fender and set aside.

STEP 4:

Remove the factory battery tray and retain the factory support tube that is bolted to the bottom of the tray. You will reuse this support tube.

STEP 5:

When satisfied that all items are removed from the factory fender, remove both fenders. Also the factory rubber skirt that ties to the bottom of the factory fender and forward cab mount needs to be removed.

STEP 6:

Remove the fender to firewall supports from the firewall.

STEP 7:

Install the T&T Customs, Inc. fender on the Passenger side of the vehicle.

CAUTION: The upper air conditioning compressor line will need to be reformed slightly to get the new fender into position. We recommend forming this line by hand in small increments until it is positioned in such a way that the new fender will slip into position.

Bolt the fender into position starting with the firewall end of the fender first. Secure the fender to the firewall reusing 3 of the factory fasteners removed earlier. Next swing the grill mounts of the fender into the grill and position so that it can be bolted on, again reusing 2 of the factory fasteners.

STEP 8:

Position the fuse block assembly (if equipped) onto the inner fender of the passenger

side fender; ensure the fuse block is mounted in such a way that the hood will clear it as it closes. Use the fuse block as a guide; mark the holes to be drilled. Drill holes to 9/32"

NOTE: The rear facing tab will need to be formed slightly to match the profile of the new fender.

STEP 9:

Position all other accessories that you had previously been installed on the Passenger side

Inner fender and mark their mounts to be drilled as required. Remove the Passenger side fender from the vehicle and drill all holes marked in previous steps to 9/32".

STEP 10:

Modify the factory battery tray. The forward edge of the factory battery tray has a small mounting tab on it that was formerly bolted to the inner fender of the factory inner fender. This tab must be removed to gain clearance for the new inner fender of the T&T Customs, Inc. replacement fenders. Using a suitable cutting device trim this tab off the factory battery tray flush with the battery tray.

STEP 11:

With the driver's side factory fender removed notice that the brake lines run on the outside of the steering shaft. These lines will need to be repositioned to the inside of the steering shaft to allow adequate clearance for the inner fender of your new replacement fenders. Remove the steering box from the frame and disconnect the steering shaft from the steering column and steering box. Carefully reform the brake lines so that they will not rest on the inside of the steering shaft without rubbing on the steering shaft. Reinstall the steering shaft and steering box.

STEP 12:

On models equipped with a charcoal canister mounted to the lower drivers side firewall, loosen the mounting strap and position the canister as high in the bracket as the bracket will allow and tighten the strap.

STEP 13:

For models equipped with an ignition control module mounted to the trailing edge of the factory inner fender the ignition module can either be repositioned on the new fender or moved to the firewall just below the factory wiring harness connector. If moved to the firewall, ensure you check the back side of the firewall before drilling mounting holes. Use the ignition module as a drill guide and mark through the module to locate the holes that will be drilled. **NOTE:** if installing on the fender perform steps 15 & 16 first to locate the washer and overflow bottle as the ignition module fits under the overflow bottle.

STEP 14:

Install the T&T Customs, [link](#). Fender on the Driver's side of the vehicle. Bolt the fender into position starting with the firewall end of the fender first. Secure the fender to the firewall reusing 3 of the factory fasteners removed earlier. Next swing the grill mounts of the fender into the grill and position so that it can be bolted on, again reusing 2 of the factory fasteners. Check fitment of the steering shaft through the opening in the inner fender well. If a body lift is installed some minor trimming may be required for proper clearance of the steering shaft to inner fender. Trim as needed.

STEP 15:

Position the windshield washer bottle on the rear of the inner fender and mark the mounting holes in the inner fender using the washer bottle as a guide. Drill holes to 9/32".

STEP 16:

Position the radiator over flow bottle on the rear of the inner fender next to the windshield washer bottle and mark the mounting holes in the inner fender using the overflow bottle as a guide. Drill holes to 9/32".

STEP 17:

Position the emission equipment (if equipped) onto the inner fender of the driver's side Fender.

NOTE: The mounting tabs will need to be formed slightly to match the profile of the new fender. Form the mounting tabs and then using the tabs as a guide; mark the holes to be drilled. Drill holes to 9/32"

STEP 18:

Position horn(s) on the front of the inner fender and mark mounting holes using the horn(s) as a guide. Drill holes to 9/32"

STEP 19:

Remove both fenders and prep and paint them as desired.

STEP 20:

Reinstall painted fenders. Attach all accessories to the locations you drilled.

Appendix A

Parts List:

Drivers side replacement fender
Passengers side replacement fender

Hardware kit:
10- 1/4x 3/4 bolt
10- nylock nut

