



## **Master Your Terrain**

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### **Extreme Duty Rear Corners Jeep TJ/LJ Wrangler Installation Instructions**

Congratulations for purchasing TNT bolt-on replacement rear corners 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 corners to the vehicle and performing the install procedure before you prep and paint the corners. The corners are shipped bare steel, please use caution during the prep and paint process, as the chemicals involved with that operation can be dangerous.

Relocation of the emissions evaporative canister located in the back of the passenger side rear wheel well on 2003+ TJ/LJ is required.

Some aftermarket rocker panel protection may have to be modified slightly to accept the TNT replacement corner. Our corners have a much larger wheel opening than the stock wheel well/flare combination, trimming and/or modifications are required to the rear of the factory wheel well opening depending on the opening in the corners you ordered. Please check fitment and compatibility carefully prior to painting your corners.

Removal of the tailgate and tail gate hinges from the tailgate is required to install the Corners, spacers are provided in the hardware kit to re-align the tail after the Corners are installed.

**Vehicle Prep:** [The following steps are for both sides]

**STEP 1:** It is recommended that you wash/wax your vehicle prior to installation of the corners. Installation will also be easier if you have your hard/soft top removed. Interior carpeting may also need to be pulled back to prevent drilling through it.

**STEP 2:** Remove rear tail gate, tail lights, gas cap & filler bezel, be sure to reinstall gas cap, once bezel has been removed. Remove any factory license plate brackets as well.

**Installation:** [The following steps are for both sides]

**STEP 1:** Position the corners onto the vehicle and clamp them into place once you are satisfied with the placement. Check for proper tailgate opening clearance and tailgate operation. It is recommended that an assistant help you locate them.

**STEP 2:** Transfer punch all holes. Check carefully that you will not be drilling into any wires on the inside of the Jeep. Drill holes out to 1 1/32”.

**STEP 3:** Once you have drilled all holes, trim the wheel well to the new larger radius. We suggest an air-powered body saw, or a reciprocating saw. Take your time not to damage the corner, or cut into the emissions lines [2003+] or fuel tank filler lines.

**NOTE:** *The bottom bolt closest to the tailgate opening on both sides will be in a blind area of the body tub. It is suggested that you drill all the way through the interior support channel to show where an access hole needs to be created. We suggest using a 1” hole saw to cut an access hole to install the hardware on this bottom bolt.*

**STEP 4:** For grommet mounted LED’s trim the body, using the corner LED cutout as a guide

**NOTE:** *To re-install license plate holder on your new corners, transfer punch the factory holes onto the corner through the body and drill to 1/4” hole.*

**STEP 5:** Remove the corners for painting at this time, smooth cut edges.

### ***Re-Installation & LED Install:***

**STEP 1:** Reinstall the corners with the included hardware. A bead of silicon or double-sided foam tape is recommended on the top edge. This will prevent debris from becoming lodged in-between the corner/body. Reinstall gas tank filler bezel and license plate bracket if you are retaining it.

### **STEP 2: LED Light Install:**

Using a test light probe, verify the wires in your factory wiring harness for their function. A chart has been provided in Appendix A for reference.

### **STEP 3: Tail Gate Install:**

Remove the hinges from the tail gate and install the spacer provided with your corners. Hand tighten tail gate hinges to tail gate, only to allow for alignment. Install tailgate to body, align as needed so that the tailgate closes and opens properly. Tighten fasteners to 25 ft-lbs.

## Appendix A

### Parts List:

1. Drivers side corner
2. Passengers side corner
3. Hardware Kit
  - a. 2 – 3/8” X 2.5” SS button head bolts
  - b. 19 (25 LJ) – 3/8” X 1.00” SS button head bolts
  - c. 21 (27 LJ) – 3/8” flat washers and nylock nuts
  - d. 2 – Tail Gate hinge spacers

#### Factory Tail Light Harness [TJ] - [YJ Use Driver Column Only]

Wire	Passenger	Driver		LED
1	violet/black	violet/black	= back up lights	N/A
2	yellow/black	yellow/black	= park lights	Black
3	green/red	brown/red	= turn/brake	Red
4	green/red*			N/A
5	Ground - Must be added to both sides		LED Ground**	White

\*The passenger side taillight there is a 4th wire [green/red] that needs to be capped off in addition to the backup light wire [violet/black]

\*\*Ground for the LED must be grounded to a clean surface.

\*\*\* 2003+ TJ/LJ's may need to have the LED taillight rotated 180\* to clear the emissions components

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