



**“Master Your Terrain”**

**(307) – 775 – 9565**

[www.tntcustoms.com](http://www.tntcustoms.com)

## **Rear Swing-out Tire Carrier Jeep CJ**

### **Installation Instructions**

Congratulations for purchasing a TNT, Inc. Rear Swing-out Tire Carrier for your Jeep CJ. Begin by unpacking your kit and comparing the contents of the box 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.

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

#### **Tools Needed:**

Drill

Drill bits up to ½”

Wrenches

Allen wrenches

Torx wrenches

Hammer

Pry bar

#### **STEP 1: Tire Carrier Removal (when required)**

Begin by removing your factory tire carrier and hinges.

#### **STEP 2: Passenger Side Tire Carrier Mounting Bracket**

Begin by locating the following hardware.

5 – 3/8” X 1” button head bolts

5 – 3/8” top-lock nuts

5 – 3/8” washers

Take the passenger side outer tire carrier mount bracket and place it over existing bolt holes. Using the bracket as a guide drill the required 3/8” holes. Mount outer bracket using 3/8” button head bolts, washers and nuts.

### **STEP 3: Drivers Side Outer Bracket**

Begin by locating the following hardware from the hardware kit: 3

– 3/8" X 1" button head bolts

3 – 3/8" Top-lock nuts and washers

Locate and install outer plate using 3 – 3/8" X 1" button head bolts, top-lock nuts and washers.

### **STEP 4: Assemble Tire Carrier Hinges**

Begin by locating the following hardware from the hardware kit:

2 – Heim Joints

4 – Heim Spacers

2 – 1/2" X 2 1/2" Bolts, nuts and washers

Thread the heim joints into the tire carrier leaving a 1/4" of threads exposed. Using the supplied hardware install the tire carrier into the mounting bracket as shown (Fig 1). Do not tighten the 1/2" bolts yet.

**Figure 1**



### **STEP 5: Install Latching Mechanism, Rubber bumper.**

Begin by locating the following hardware from the hardware kit:

1- Rubber bumper w/ M10 stud, 1/2 fender washer & flange nut

2- 1 – Latching Mechanism 4 – 5/16" X 1" Buttonhead bolts and top-lock nuts

Using the 4 – 5/16" X 1" button head bolts and top-lock nuts, install the latching mechanism to the tire carrier as shown in figure 2.

**Figure 2**



**STEP 6: Tire Carrier Adjustment**

There needs to be a 1/8” gap between the bottom of the tire carrier end and the latch bracket. The outer edge of the tire carrier needs to be in line with the edge of the latch mount for the latching mechanism to work properly. Heim joints can be threaded in or out to move tire carrier side to side. Only adjust one heim joint to raise or lower end of tire carrier. Once tire carrier has been adjusted tighten jam nuts. (*Note: Heavier tires may require further carrier adjustment once tire is mounted*).

**STEP 7: Installation of Tire Mount**

Begin by locating the following hardware in the hardware kit:  
4 – 7/16” X 1” Bolts and nuts                      8- 7/16” washers

The TnT Customs Swing-out tire carrier offers you twelve different mounting locations depending on how you attach the spindle mount. Decide which location works best for you and attach spindle mount using 4- 7/16” X 1” bolts nuts and washers. (Fig. 3)



### **STEP 8: Setting Spindle Depth**

Begin by locating the following hardware:

1 – 3/8" X 1" hex head bolts

Using a tape measure and straight edge, measure from the wheel mounting flange to the edge of your tire (Fig. 4). Subtract a 1/4" from this measurement, this is the distance needed from the back of the tire spindle to the front of the spindle mount. Slide spindle in until it reaches the previously recorded measurement. Tighten spindle in place using the 1 – 3/8" X 1" hex head bolts

**Figure 4**



## Appendix A

### Parts List:

1. Tire Carrier
2. Passenger side outer mounting bracket
3. Drivers side outer mounting bracket
4. Tire spindle mount
5. Spindle mount
6. Hardware Kit:
  - A. 8 – 3/8” X 1” button head bolt
  - B. 1- 3/8 x 1 1/4 Hex head bolt
  - C. 9 – 3/8” NY-lock nuts
  - D. 10 – 3/8” washers
  - E. 2 – 1/2” X 2 1/2” bolts, 2 top-locks and 4 washers
  - F. 4 – 1/2 X 1 1/4 bolts,
  - G. 4- 1/2 top-locks Nuts
  - H. 4- 7/16 X 1 Hex head bolt
  - I. 8- 7/16 uss washers
  - J. 4- 7/16 Lock nut
  - K. 4 - 1/2 USS washers
  - L. 6– 1/4” X 3/4 Button head bolts
  - M. 6 – 1/4” top-lock nuts
  - N. 6 – 1/4 washers
  - O. Latching mechanism
  - P. 1- Rubber bumper 10mm stud,
  - Q. 1- 10MM Flange Nut,
  - R. 3- 1/2 Fender washer
  - S. 2 – heim joints and jam nuts and (4) high misalignment spacers,