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(307) – 775 – 9565
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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.
4 – 3/8" X 1" button head bolts   4 – 3/8" top-lock nuts
8 – 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.
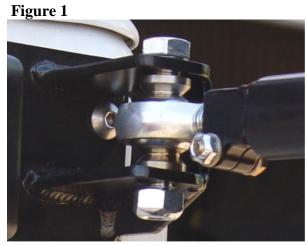
STEP 4: Assemble Tire Carrier Hinges
Begin by locating the following hardware from the hardware kit:
2 – Heim Joints   2 – ¼" X 1 1/4" Bolts
4 – Heim Spacers   4 – ¼" Bolts, nuts, and washers
2 – ½" X 2 ½" Bolts, nuts and washers

Thread the heim joints into the tire carrier leaving a ¼" of threads exposed. Using the supplied hardware install the tire carrier into the mounting bracket as shown (Fig 1). Do not tighten the ½" 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/ 3/8" stud, washer & locknut   1 – Latching Mechanism
4 – 5/16" X 1" Allen bolts and top-lock nuts

Using the 4 – 5/16" X 1" Allen head bolts and top-lock nuts, install the latching mechanism to the tire carrier as shown in figure 6. Remove the top two rubber tailgate bumps, insert 3/16" donut spacer and reinstall. Install rubber bumper into tab on lower drivers side corner of carrier (Fig. 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 inline 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 ½" hinge bolts and ¼" heim bolts. (*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)

**Note: When using our optional Gerry Can Holder only the holes on the right-half of the mount can be used. (Fig. 7)

Figure 3

STEP 8: Setting Spindle Depth
Begin by locating the following hardware:
2 – 3/8" X 3" button head bolts
Using a tape measure and straight edge, measure from the wheel mounting flange to the edge of your tire (Fig. 9). Subtract a ¼" 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 2 – 3/8" X 1" Button head bolts

Figure 9

STEP 11: Optional Gerry Can Mount
Begin by locating the following hardware in the hardware kit:

2 – 5/16" X 1 Torx Button Heads	2 – 5/16 Flanged nuts
1 – ¼" U-bolt	2 – ¼" Locknuts and washers
1 – Hold-down bracket & strap	

Bolt Gerry can mount in place using the supplied 5/16" X 1" Torx thread cutter bolts and 5/16" nuts. Slide ¼" u-bolt over tire carrier tube and through the tank mount, attach using the provided ¼" locknuts and washers. Install Gerry can and hold in place with provided hold-down bracket and strap.

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. 9 – 3/8" X 1" button head bolt
   b. 7 – 3/8" top-lock nuts
   c. 14 – 3/8" washers
   d. 1 – 3/8" X 1 ¼ bolt
   e. 2 – 5/16" X 1 Torx Button Heads
   f. 2 – 5/16 top-lock nuts
   g. 4 – 5/16" X 1 allen heads/locknuts
   h. 2 – ½" X 2 ½" bolts, 2 top-locks and 4 washers
   i. 4 – ½" X 1 ¼" bolts, 4 top-locks and 4 washers
   j. 2 – ¼" X 1 1/4" bolts
   k. 2 – ¼" top-lock nuts
   l. 4 – ¼" washers
   m. Latching mechanism & hardware (
   n. 1- Rubber bumper/ 3/8" stud, 1 top-lock nut, 1 washer
   o. 2 – heim joints and (4) high misalignment spacers,
7. Optional Gerry Can holder w/ following hardware:
   a. 2 – 5/16" X 1" Torx button head, 2 top-lock nuts
   b. 1 – ¼" u-bolt, 2 top-locks, 2 washers
   c. 1 – hold-down strap.

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