



INSTALLATION INSTRUCTIONS HIGH LIFT JACK MOUNTING KIT

Part Number: 90030

Application: Tire Carrier 89800

GENERAL SAFETY PRECAUTIONS

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. **WARNING** and **CAUTION** are signal words that identify the level of hazard. These signal words mean:

▲ **WARNING** signals a hazard that could cause serious injury or death, if you do not follow recommendations. ▲ **CAUTION** signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses **NOTICE** to call attention to important mechanical information, and **Note:** to emphasize general information worthy of special attention.

▲ WARNING

Impact and Moving Parts Entanglement Hazard

FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO SEVERE INJURY OR DEATH

- Always use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when / if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire or personal injury.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- Always use extreme caution when cutting and trimming during fitting.
- Always remove jewelry and wear eye protection.
- Never lean over battery while making connections.
- Never route electrical cables:
 - Across any sharp edges.
 - Through or near moving parts.
 - Near parts that become hot.
- Always insulate and protect all exposed wiring and electrical terminals.
- Always install terminal boots as directed in installation instructions.
- Always use appropriate and adequate care in lifting components into place.
- Always insure components will remain secure during installation and operation.
- Always tighten all nuts and bolts securely, per the installation and operation.
- Always perform regular inspections and maintenance on the winch, winch mount and related hardware.
- Never ever operate this WARN product with damaged or missing parts.

Read installation and operating instructions thoroughly.

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⚠ CAUTION

Moving Parts Entanglement Hazard

FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO MINOR OR MODERATE INJURY

- Always take time to fully read and understand the installation and Operations Guide included with this product.
- Never operate this product if you are under 16 years of age.
- Never operate this product when under the influence of drugs, alcohol or medications.

Read installation and operating instructions thoroughly.

NOTICE

Equipment Damage

- Always refer to the Installation and Specification Guide, supplied in the winch kit, for all wiring schematics and specific details on how to wire this WARN product to your vehicle.

Read installation and operating instructions thoroughly.

NOTES

BEFORE YOU BEGIN

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PARTS LIST

| Part Number | Qty | Description |
|-------------|-----|-------------------------------------|
| 90027 | 1 | High lift Mount |
| 90029 | 1 | Foot Clamp |
| 90033 | 1 | Clamp Tab |
| 90024 | 2 | Threaded Knobs |
| 90327 | 4 | Button Head Capscrew 5/16-18 X 1.00 |
| 90328 | 4 | Lock Nut 5/16-18 |

TOOLS REQUIRED

- 3/16 Allen Wrench
- 1/2" Box End Wrench

TORQUE SPECIFICATIONS

Please use the recommended torque specifications when assembling this product unless otherwise specified in the instructions.

| FASTENER SIZE | FASTENER TORQUE | |
|---------------|-----------------|-------|
| | lb-ft | (N.m) |
| 1/4" | 8 | (11) |
| 5/16" | 17 | (23) |
| 3/8" | 30 | (40) |
| 7/16" | 48 | (66) |
| 1/2" | 74 | (100) |
| 9/16" | 106 | (144) |
| 5/8" | 148 | (200) |
| 3/4" | 269 | (364) |
| M4 | 3 | (4) |
| M5 | 6 | (8) |
| M6 | 10 | (14) |
| M8 | 26 | (35) |
| M10 | 50 | (68) |

INSTALLATION INSTRUCTIONS

1. Figure 1 shows the mounting location for the high lift jack mount. Locate the four small holes on the high lift plate. These are the locations for the hardware.



Figure 1

2. Using the button head fasteners provided in kit, attach the high lift mount to plate (Figure 2).



Figure 2

3. Locate and insert the tab into the High Lift mount (Figure 3).



Figure 3

INSTALLATION INSTRUCTIONS

4. Figure 4 shows the bracket attached from the previous step with the threaded knob inserted.



Figure 4

5. Remove the threaded knob and place the jack in the mount as shown in Figure 5. Insert the bracket and the other threaded knob. You will note that the bracket has a recess notch in on one end that gets positioned over the foot of the jack.



Figure 5

6. Step 6 shows final assembly of the jack attached to the mount.



Figure 6

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

