

Installation Instructions Black Steel Winch Mount

Product Number: M1650

SAFETY

Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for • your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

Read and understand all safety precautions and instructions before installing this product.

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE PURCHASER.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.

Injury Hazard

Failure to observe these instructions could lead to severe injury or death.

- **Always** remove jewelry and wear eye protection.
- **Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always use appropriate and adequate care in lifting components into place.
- **Always** insure components will remain secure during installation and operation.
- **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- **Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- **Always** use extreme caution when cutting and trimming during fitting.
- **Always** tighten all nuts and bolts securely per installation instructions.
- **Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- **Always** insulate and protect all exposed wiring and electrical terminals.
- **Always** perform regular inspections and maintenance on mounts and related hardware.



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I. Parts List

Description	<u>Quantity</u>
Winch Mount	1
Hex Head Cap Screw	8
Hex Nut	6
Flat Washer	14
Lock Washer	6

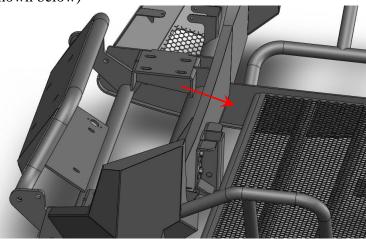
II. Tools Required

- \Box 3/4" socket, ratchet, and wrench
- □ Swivel joint for ratchet
- Socket Extension
- □ Floor Jack

III. <u>Vehicle Preparation/Installation</u>

NOTE: Due to the weight of the winch mount and winch it is strongly recommended that the bumper be removed from the vehicle prior to winch installation.

- 1. Roll the bumper onto its front face. Use a blanket or cardboard to protect the coating against damage while doing so.
- 2. Install the winch mount in between the bumper uprights by rotating it into place (as shown below)





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- 3. Install the eight bolts (head to the inside of the bumper) in the mounting holes using the flat washers, lock washers, and nuts. The lower most bolts are threaded into the winch tray from the outside, and do not require a lock washer or nut. Insert all bolts prior to tightening.
- 4. Tighten the bolts beginning at the top of the winch mount and working downward.
- 5. Roll the bumper back onto the bottom face of the winch mount, again using blanket or cardboard to protect the finish.
- 6. Install your winch of choice using the mounting holes on the front face of the winch mount for heavy duty winches (10,000lbs or greater capacity) or bottom mounting holes for lighter duty winches
- 7. Reinstall bumper. A swivel may be required to reach the top outside bolts on the bumper to intermediate mount interfaces when retightening. Due to the added weight of the winch mount and winch, it is recommended that a floor jack be used to support the bumper during the installation and adjustment.

IV. Maintenance/Care

- Periodically check and tighten any nuts that appear to be loose.
- Stripped, fractured, or bent bolts or nuts need to be replaced.

V. Contact Information

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More than expected... Better than expected



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