

506-Rock Winch Bumper & 266-Stinger

OEM plastic end caps and/or bumperettes cannot be used with the 506-Rock Winch Bumper.

On vehicles with auxiliary lights, the auxiliary lights must be relocated. How the auxiliary lights are attached is up to the vehicle owner, most commonly new mounting holes are drilled in the heavy-duty bumper for the auxiliary lights. No drilling required for installation of Rock Winch Bumper. Bolts on to both the top and bottom of the vehicle frame for extra security.

Ramsey and Warn Winches bolt right in. Mile Marker hydraulic winches requires minor grinding on rear support bar of Rock Winch Bumper to allow for the hydraulic connection. Will not fit a Warn M8274-50 without modification. Standard 4.5" X 10" (254mm x 114.3mm) mounting holes are predrilled in the center super structure. Hardware for fairlead and winch not included, can be purchased at most hardware stores. License plate must be relocated. Olympic 4x4 Products are serviced by our factory. We provide answers to installation questions. We ship parts ASAP. Try us before the hassle of returning Olympic 4x4 Products to your retailer or mail order specialist.

For assistance please call (800)777-0878.



506-Rock winch bumper with optional 266-Stinger



506-Rock winch bumper

Contents:

Rock winch bumper
Z-brackets (2)

Hardware list for 506-Rock winch bumper:

4 5/16" X 1" hex head bolt
8 5/16" flat washer
4 5/16" lock washer
4 5/16" nut

506-10X additional hardware

2 Square washer

Tools required:

#55 Torx bit socket
1/2" or 3/8" drive ratchet wrench
Socket sizes: 1/2", 3/4" for 166-stinger
Combination wrench sizes: 1/2", 3/4" for 166-Stinger

Hardware list for 266-Stinger:

2 1/2" x 1 1/4" hex head bolt
4 1/2" lock washer
4 1/2" flat washer
2 1/2" nuts

Optional tools:

loc-tite



Photo 1

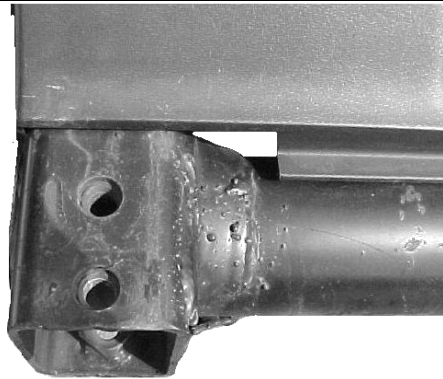


Photo 2

Step 1. Remove old bumper from vehicle frame using #55 Torx bit. Save the Torx bit bolts, they will be used to mount your new bumper. See photos 1&2.

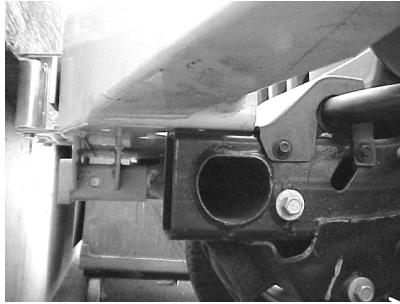


Photo 3

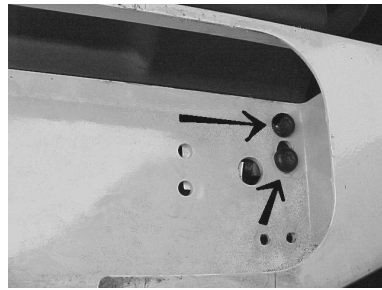


Photo 4

- Step 2. Slide your new bumper over the vehicle frame and line up the mounting holes in the bumper with the mounting holes in the frame. See photos 3 & 4. Photo 4 shows how the mounting holes line up with the holes in the frame the arrows point to where your OEM bumper mounting hardware will be installed. Do not fully tighten these bolts. On Jeep CJ's use the large hole that is to the left of the arrows in photo 4 to secure bumper to frame, you will also need to use one of the large square washers.

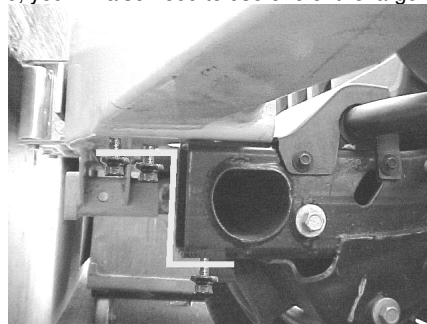


Photo 5

- Step 3. Bolt Z-bracket to winch bumper using 5/16" hex head bolts flats washers, lock washers and 5/16" nuts. Do not fully tighten these bolts. See photo 5.
- Step 4. Bolt Z-bracket to the bottom of the vehicle frame using OEM bumper mounting bolts. Fully tighten these bolts now, and then tighten the 4 OEM bumper mounting bolts that are inside the bumper.
- Step 5. Fully tighten the 5/16" bolts that secure the Z-bar to the winch bumper.
- Step 6. Install your winch fairlead and then install your choice of winch. If optional stinger was purchased, install stinger before installing the winch. Install winch by placing winch mounting bolts into the slots on your winch and then lowering winch into the bumper so that the winch mounting hardware slides through winch bumper. Secure winch with the winch mounting bolts (usually included with winch). You may want to install flat washers and lock washers on the winch mounting bolts before you install the winch mounting nuts, or use loc-tite on winch mounting bolts.
- Note:** Some winch manufactures supply winch mounting hardware that is not long enough, square head grade 8 bolts that are of proper length can be purchased at most hardware stores. Winch mounting hardware that is long enough has at least 2 rows of thread exposed when the flat washer, lock washer and nut are completely tightened down. Do not use NyLock nuts to secure winch to bumper, they are not strong enough, use grade 8 or higher nuts with flat washers. Use loc-tite on winch mounting bolts. Medium strength or higher is recommended. Permanent loc-tite will also deter theft of your winch.
- Step 7. After 500 miles or first off-road trip, re-check tightness on all nuts and bolts.

- Note:** For getting unstuck in an off-road situation, simply place your snatch strap into your receiver hitch and secure it in place with a clevis/hitch pin. You can place a receiver D-ring into the receiver hitch to assist you when attaching a winch cable hook or tow strap to the bumper, simply attach the hook on the end of the cable to the back side of the receiver hitch.

266-Stinger install

Line stinger up with holes in winch bumper and secure the threaded mounts using 1/2" flat washer, 1/2" lock washer and 1/2" nut. Do not fully tighten. Then install 1/2" X 1 1/4" hex head bolt with lock washer and flat washer through winch bumper and into the threaded mounts that are inside the stinger. Fully tighten these bolts then fully tighten the 1/2" nuts. You must install the 266-stinger before installing a winch.