



**Rugged Ridge
Rock Crawler Rear Bumper
P/N: 11503.11 - 12
Installation Instructions.**

Components - Rear Rock Crawler Bumper

- (1) Rock Crawler rear bumper
- (10) M12 - 1.75 x 30mm Hex Head Bolt
- (8) M12 Nylock Nuts
- (18) M12 Flat Washers
- (10) M12 Lock Washers



NOTE: TWO PEOPLE WILL BE NEEDED TO MOUNT THIS BUMPER.

- (Step 1):** Remove original factory bumper per manufacturer's instructions. The lower mounting bolts can be reused if desired.
- (Step 2):** The inner mounting holes on the Rock Crawler bumper will not align with any factory holes regardless of model year (Fig.1). With the help of another person mount the bumper using the outer holes only. With bumper secured scribe or mark the inner hole locations. (Fig.2) Be sure to mark hole location correctly for proper fitment. Remove bumper and set aside.

Fig.1



Fig.2



- (Step 3):** With the holes marked or scribed drill a small 3/16" pilot hole in the rear cross member in the center of your marks. The smaller pilot hole insures the centering of your larger mounting hole when drilled. **CAUTION: EXTREME CARE SHOULD BE TAKEN BEFORE DRILLING. THE FUEL TANK IS LOCATED JUST BEHIND THE CROSS MEMBER.** Great care will be needed to avoid damaging the fuel tank. With the smaller 3/16" pilot holes drilled, enlarge the holes using a 1/2" drill bit. **AGAIN, BE CAREFUL AND AVOID ANY CONTACT OF THE DRILL BIT TO FUEL TANK.**
- (Step 4):** With mounting holes drilled reposition bumper back to frame cross member and secure using (8) M12 x 30mm Hex Head Bolts, (16) M12 Flat Washers, (8) M12 Lock Washers, and (8) M12 Nylock Nuts.
DO NOT TIGHTEN HARDWARE AT THIS TIME.



(Step 5): Locate (2) M12-1.75 x 30mm Hex Head Bolts, (2) M12 Flat Washers, and (2) M12 Lock Washers.
NOTE: M12 Bolts fit most TJ vehicles, 7/16" bolts fit most YJ vehicles - reuse OE bolts
If supplied lower bolts do not fit your application.

Secure the bottom of the bumper to the lower two mounting points using supplied hardware.

Tighten all hardware at this time.

If desired the original lower mounting bolt can be reused.

