

Pioneer 1000 Front Bumper

Extreme Metal Products # 13147

Hardware:

$\frac{3}{8}$ -16 X 1" Carriage Bolt	(6)
$\frac{3}{8}$ -16 X 1" Button Socket Cap Screw	(6)
$\frac{3}{8}$ -16 X 1 ½" U-Bolt	(2)
$\frac{3}{8}$ -16 Flanged Nylon Lock Nut	(8)
Logo Sticker	(1)

Tools Required:

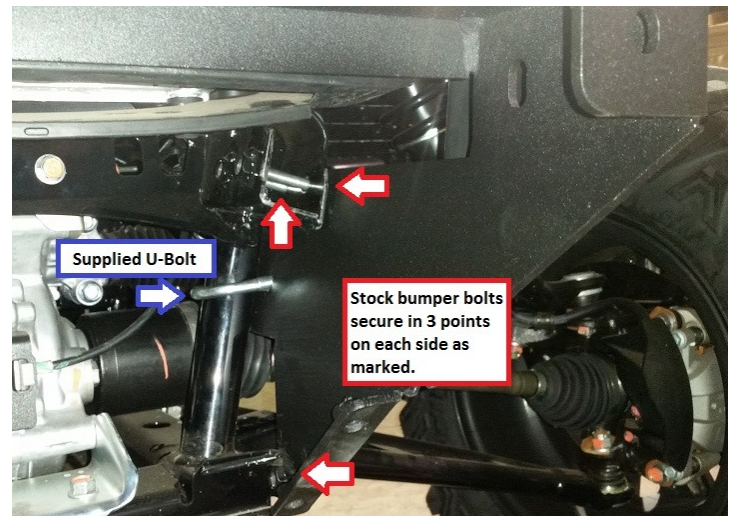
15mm Socket & Wrench
 $\frac{9}{16}$ " Socket & Wrench
12mm Socket & Wrench
 $\frac{7}{32}$ " Allen Wrench
 $\frac{5}{32}$ " Allen Wrench
Ratchet

Preparation:

- 1) Remove stock bumper and set bolts to the side, bolts will be used to install EMP bumper.

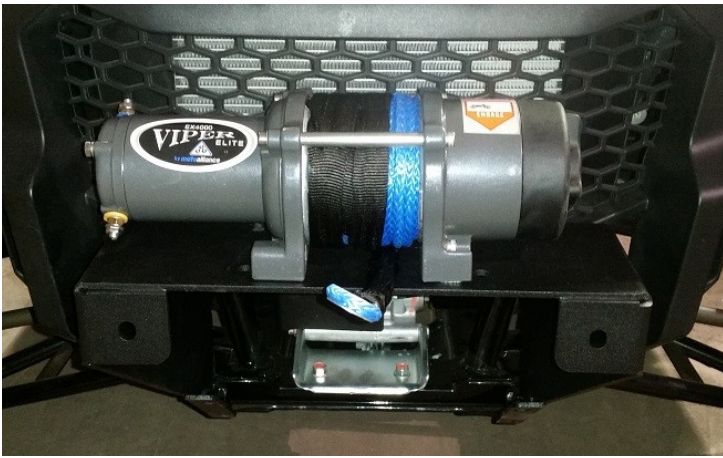
Mounting Front Bumper:

- 1) With stock bumper removed place mounting bracket in place and secure using the bolts from the stock bumper.
- 2) Tighten all bolts securing the mounting bracket.
- 3) If installing a winch do so at this point following manufacture instructions.
- 4) Place bumper on mounting bracket and secure using the six $\frac{3}{8}$ -16 X 1" carriage bolts and six of the $\frac{3}{8}$ -16 flanged nylon lock nuts.
- 5) Once correct bumper position has been verified tighten all nuts.
- 6) Once mounting bracket, winch, and bumper are installed verify everything is tight and secure.
- 7) Place bash plate in place and secure using the six $\frac{3}{8}$ -16 X 1" button socket cap screws.
- 8) Tighten all screws.
- 9) Secure plastic fenders to bash plate using stock screws.
- 10) Enjoy the trails!



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