

INSTALLATION INSTRUCTIONS



ROCK DEFENSE™ YJ/TJ FRONT BUMPER

303141-2-KIT KIT,BUMPER,FRONT,JEEP.TJ/YJ

303142-2-KIT KIT,BUMPER,FRONT,STINGER,JEEP.TJ/YJ

KIT CONTENTS:



- 4X M10 X 1.5 CLASS 10.9 BOLT
- 4X 3/8"-16 GRADE 8 BOLT
- 8X 1/2"-13 NUT
- 14X 1/2"-13X 1-1/2" GRADE 8 BOLT
- 14X 1/2" BLACK WASHER
- 8X 1/2" LOCK WASHER



RECOMMENDED TOOLS

Socket Set
Box End Wrench Set
Rubber Mallet
Screwdriver
C-Clamp

CAUTION

1. Read all instructions completely and carefully before you begin.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents List on the first page of these instructions). If anything is missing, please contact Trail-Gear at 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle can not roll in either direction.

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STEP 1

Note: Test fit bumpers prior to powder coating or painting. Bumpers ship raw. Remove six OEM bumper mounting bolts.



STEP 2

Remove OEM front bumper. (If installing bumper on a Jeep YJ, skip to step 6.)



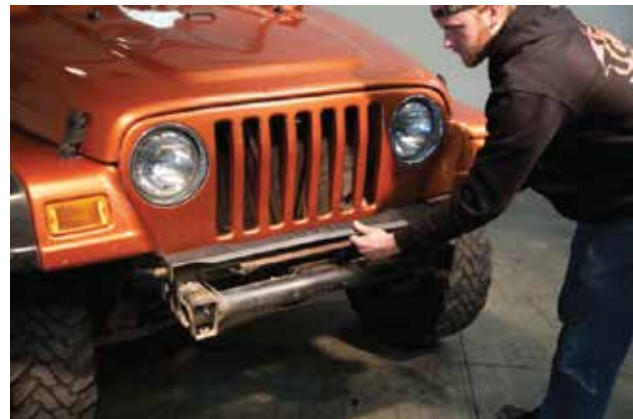
STEP 3

Remove sway bar cover bolts.



STEP 4

Remove sway bar cover.



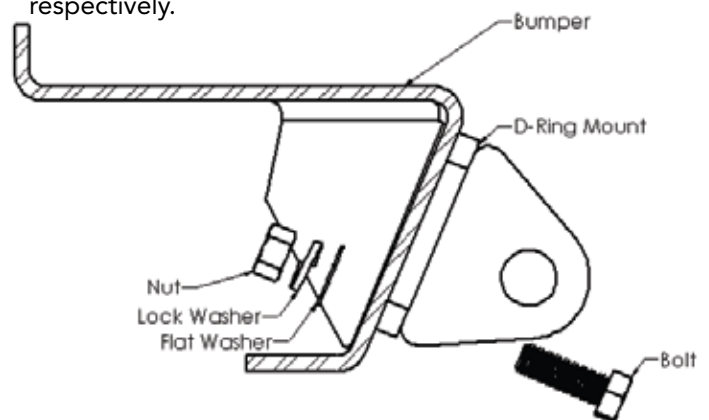
STEP 5

Remove front sway bar mount bolts on both sides of the vehicle, do not discard these will be used in reassembly.



STEP 6

Bolt on D-ring mounts as shown with the bolt going through the D-ring mount, bumper, washer, and nut respectively.



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STEP 7

(If not installing a winch please skip to step 11.)
Install fairlead onto fairlead mount.



STEP 9

Line up bolt holes on fairlead mount with the bolts holes on the bumper and set the winch onto the bumper.



STEP 11

Install frame spacers over holes in frame.



STEP 8

Secure bumper to keep it from tipping over while installing the winch, we chose to c-clamp the bumper to our work table.

STEP 10

Install winch with longer hardware included with the fairlead mount. Bolts marked with 10.9 on the top are M10-1.5 thread pitch and those with 5 radial marks are 3/8-16 thread pitch. Please choose the correct bolts for your application. Our longer bolts must be used with a flat and lock washer to fasten properly.



STEP 12

Slide bumper over frame rails, being careful to not move frame spacers.



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STEP 13

If necessary use a screwdriver to re-align frame spacers if they were moved when sliding the bumper onto the frame rails.



STEP 14

Re-install sway bar mount bolt through bumper.



STEP 15

Install the six supplied bolts with washers to secure the bumper to the vehicle.



REPLACEMENT PARTS:

