

INSTALL INSTRUCTIONS



ROCK DEFENSE™ JEEP TJ STEERING ARMOR

KIT NUMBER

303463-2-KIT

KIT CONTENTS



P/N	DESCRIPTION	QTY
120051-2	BOLT, 3/8"-16X1.5" LONG	1
120035-2	FLAT WASHER 3/8"	2
120052-2	TOP LOCK NUT 3/8"-16	1
303464	CARRIAGE BOLT 3/8"-16	1
303449	SELF THREADING BOLT 3/8"-16	1
302940	CARRIAGE WASHER	1



RECOMMENDED TOOLS

Drill

3/16", 5/16", and 3/8" drill bit

Center punch

Wrench set

Socket Set

Long handle 9/16" wrench

Paint pen

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.

INSTALL INSTRUCTIONS (CONT'D.)



STEP 1

NOTE: We recommend painting the steering box armor prior to installation.

STEP 2

Remove lower steering box mounting bolt.



STEP 3

Remove lower driver side bumper mounting bolt.



STEP 4

Install steering box armor and secure with steering box bolt and bumper mounting bolt.



STEP 5

On stock bumpers mark two holes to be drilled. One will be on the front bumper itself and the other will be in the round frame cross tube. With a TG bumper only the frame cross tube will need to be drilled.

STEP 6

(Stock Bumper Only) Removing the steering armor and front bumper makes it easier to drill the hole in the bumper. Remove both the bumper and armor this time.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 7

(Stock Bumper Only) Center punch and drill 3/8" hole into the front bumper.



STEP 8

On stock bumpers install carriage bolt and washer. TG bumpers will use a standard bolt as shown in step 10.



STEP 9

(Stock Bumper Only) Slide bumper onto frame rails and hold steering armor in place with lower bumper mounting bolt.



STEP 10

On stock bumpers fasten carriage bolt with supplied washer and nut. On TG bumpers use the supplied nut, bolt and washers as shown. (Two washers should be used on the carriage bolt. One next to the nut and one next to the bolt head.) To avoid removing TG bumper we added tape to secure the nut as shown. If this does not work for you may remove the TG bumper and install the bolt and armor off of the vehicle.



STEP 11

Center punch and drill a 5/16" hole into the frame cross tube. We recommend drilling a smaller pilot hole first due to the curved surface.



STEP 12

Carefully thread 3/8-16 thread cutting bolt into frame cross tube.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 13

Install remainder of bumper mounting bolts



STEP 14

Install steering box bolt.



REPLACEMENT PARTS:

