

INSTALLATION MANUAL

2156000

Level of Difficulty

Moderate

Parts List

1	TrailCrusher™ bumper
8	Socket cap screw, M4
8	Nylock nut, M4
8	Flat washer, M12 x 24mm
8	Lock washer, M12
8	Hex nut, M12
8	Backup washer

Tools Required

Torque wrench	Socket extension
Box wrench set	Socket set
Phillips screwdriver	Allen wrench set
Level	Flathead screwdriver

Torque Specifications

M4 bolt	16 ft-lbs.
M12 bolt	70 ft-lbs.

Use above torque setting unless otherwise noted

Product Photo



Notes and Maintenance

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

To protect the product, wax after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For polished, gloss and other smooth finishes, polish may be used to clear small scratches and scuffs on the finish.

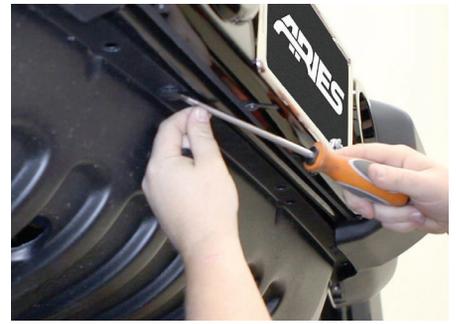
Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

Refer to the table to the left when securing hardware during the installation process to help prevent damage to the product or vehicle.

Step 1

Using a flathead screwdriver, pry and remove four plastic push pins holding the air dam in place. Remove the air dam from underneath the vehicle.

Once removed, pry off the fasteners holding the brackets to the frame.



Step 2

From behind the bumper, disconnect the wiring harness attached to each fog light. Unclip the wiring harness from the bumper cover.



Step 3

Locate two fasteners holding the frame cover in place on top of the bumper.

Remove these with a Phillips screwdriver.



Step 4

When facing the Jeep head-on, slide the cover to the left to expose the driver side bolts holding the bumper in place.

Remove the four nuts holding the bolts onto the bumper frame with an 18mm socket.

Repeat this step on the passenger side.



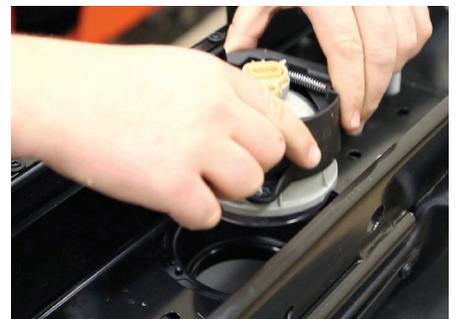
Step 5

When all the bolts have been removed carefully lift the bumper from the frame and set on a flat work surface.



Step 6

Remove the stock fog lights to be used in the new ARIES TrailCrusher™ bumper.

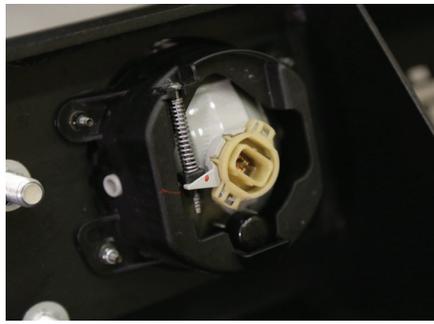


Step 7

Set the fog lights into the new, ARIES bumper. Each light will have four attachment points.

Install the fog lights using four M4 socket cap screws and four M4 nylock nuts. Tighten with a 7mm socket and included Allen wrench.

Repeat this step for the other light.



Step 8

The ARIES bumper is supplied with pre-installed M12 bolts. With help, lift the bumper into place over the factory mounting locations.



Step 9

Attach the ARIES bumper using M12 flat washers, lock washers and hex nuts on all eight mounting locations.



Step 10

Reattach the fog lights and wire harness to the bumper.



Step 11

If a winch is being installed on the ARIES bumper, use the supplied backup washers in conjunction with the mounting hardware supplied with the winch.

1. Backup washer
2. Winch mounting hardware (hardware not included)



Step 12

Check to make sure the bumper is level. Adjust if necessary and fully tighten all hardware to the recommended torque specifications listed in the table on the first page.

With the bumper installed, periodic inspections should be performed to ensure all mounting hardware remains tight.

To protect your investment, see the 'Notes and Maintenance' section on the first page of this instruction manual.

Congratulations on the installation of your new ARIES TrailCrusher™ bumper.

Note: Image shown with bumper accessories installed (not included). See ariesautomotive.com for all accessories.

