

INSTALLATION MANUAL

2156001**Level of Difficulty**

Moderate

Parts List

1	TrailCrusher™ bumper
4	Button-head cap screw, 1/2" - 13 x 3 1/2"
2	Button-head cap screw, 1/2" - 13 x 2"
6	Flat washer, 1/2"
6	Lock washer, 1/2"
4	Backup washer

Tools Required

Torque wrench	Socket extension
Socket set	Torx drive, T55
Hex drive, 5/16"	Level

Torque Specifications

1/2" bolt	64 ft-lbs.
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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

Remove the four bolts on the top of the bumper and the two bolts on the underside of the bumper using a T55 Torx drive.



Step 2

Once the bolts have been removed, carefully lift the factory bumper from the frame and set it on a flat work surface.

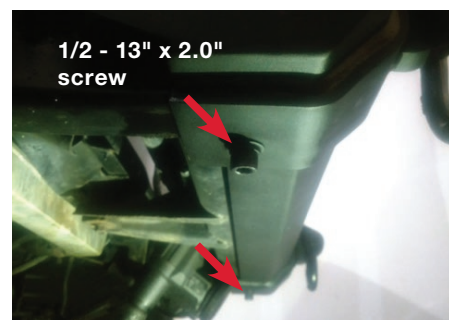
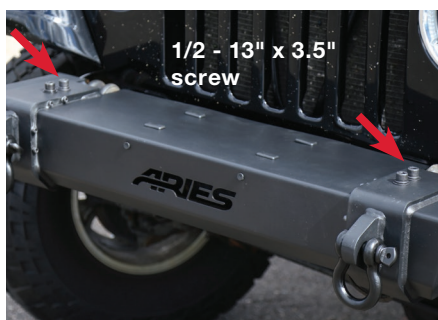
Using a M10 socket, remove the plastic cover by removing the two M10 screws on each side. The plastic cover will not be reinstalled.



Step 3

Place the ARIES TrailCrusher™ bumper onto the Jeep frame and fasten with four 1/2" - 13 x 3.5" screws on the top side and two 1/2" - 13 x 2" screws on the underside.

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.



Step 4

If installing a winch, use the four backup washers provided in each bolt location on the inside of the bumper.

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.

