

Parts List

1	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

Ratchet	Ratchet extension
Socket, 7mm	Wrench, 5mm
Socket, 18mm	Wrench, 18mm
Allen wrench	Level
Phillips screwdriver	Flathead screwdriver

Torque Specifications

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

Level of Difficulty

Moderate



Scan for helpful install tips

Product Image



Notes and Maintenance

Before you begin installation, read all instructions thoroughly.

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

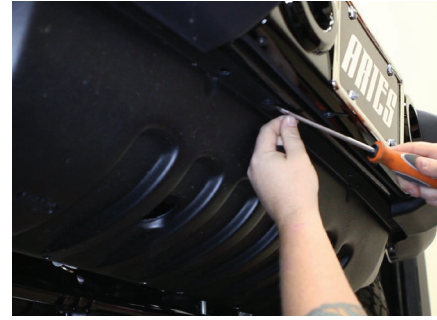
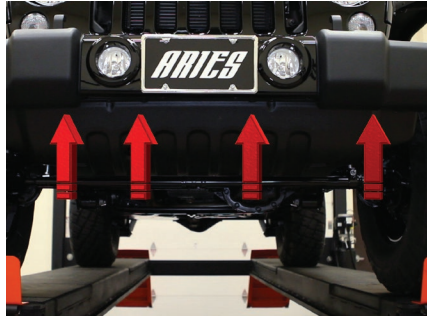
For black finishes, mild soap may be used to clean the product.

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 the four plastic pushpins securing the air dam in place. Remove the air dam from underneath the vehicle.

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



Step 2

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



Step 3

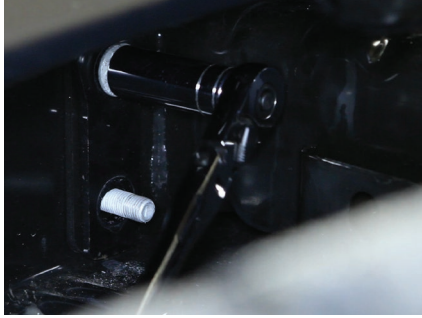
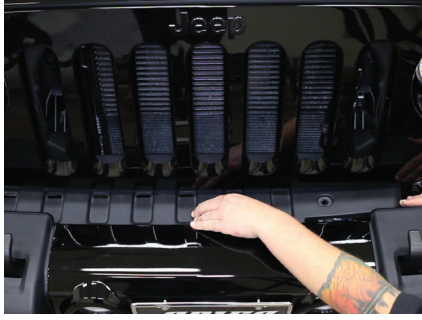
Using a Phillips screwdriver, locate and remove two fasteners securing the frame cover in place on top of the factory bumper.



Step 4

When facing the front of the Jeep, slide the cover to the left to expose the driver-side bolts holding the factory bumper in place. Using an 18mm socket, remove the four nuts securing the bolts to the bumper frame.

Repeat this step on the passenger side.



Step 5

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



Step 6

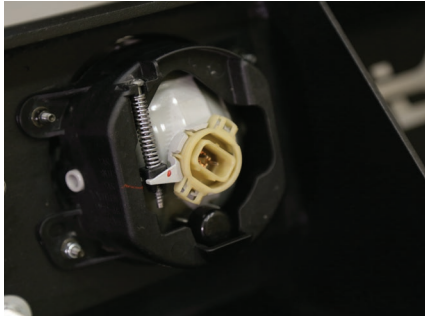
Remove the factory fog lights. These will be used in the new ARIES front bumper.



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 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

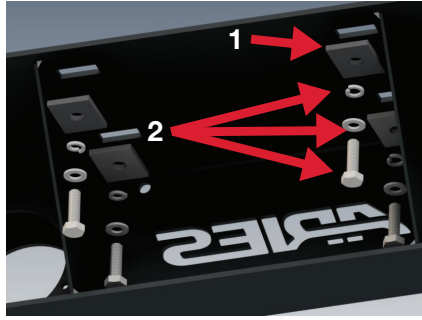
Reattach the fog lights and wiring harnesses to the bumper.



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

Level and adjust the bumper into the desired position and tighten all hardware to the recommended torque specifications listed in the table on the first page.

Congratulations on the installation of your new ARIES Jeep 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.

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

