

Parts List

1	Rear bumper
4	Hex bolt, M10 x 35mm
4	Flat washer, M10
4	Lock washer, M10
4	Hex bolt, M14 x 40mm
4	Flat washer, M14
4	Lock washer, M14
2	C-channel bracket

Tools Required

Ratchet	Torque wrench
Socket, 16mm	Socket, 18mm
Socket, 17mm	Socket, 22mm
Level	

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.

Step 1

Starting on the driver side, use the 16mm socket to remove the M10 bolts holding the corners of the factory bumper support bracket to the frame.



Step 2

Remove the center bumper bolts holding the Z-shaped brackets to the frame.

Repeat this step for the passenger side.



Step 3

Once these brackets are removed, lift the bumper off the frame rails and set it aside.

Using an 18mm socket, remove the bolts holding the factory tow hooks to the frame. These will not be reinstalled.



Step 4

Take the C-channel bracket and place onto the frame of the Jeep.

Move C-channel with screwdriver as shown to move into place if needed.

Repeat this step for the passenger side.



Step 5

With help, lift the new bumper over the frame rails.



Step 6

With the bumper in place, secure the bumper with M14 hex bolts, lock washers and flat washers.

Snug with a 22mm socket, but do not fully tighten. Repeat this step for the passenger side.



Step 7

Secure the bumper to the vehicle with M10 hex bolts, lock washers and flat washers.

Snug with a 17mm socket, but do not fully tighten. Repeat this step for the passenger side.



Step 8

Check to make sure the bumper is level. Adjust if necessary and fully tighten all hardware.

Torque M14 bolts to 134 ft-lbs.
Torque M10 bolts to 40 ft-lbs.

Periodically inspect all hardware to make sure it is secure and tight.

Congratulations on the installation of your new ARIES Jeep rear bumper.

