

INSTALLATION MANUAL

3071-2

Level of Difficulty

Difficult

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Parts List

Qty	Description
1	Grille guard
1	Driver / left top bracket
1	Passenger / right top bracket
2	Top support brackets
2	Double nut plates, 12mm
1	Driver / left frame bracket
1	Passenger / right frame bracket
6	Nylock nut, M8-1.25
4	Nylock nut, M10-1.5
6	Hex bolt, M8-1.25 x 30mm
14	Flat washer, 10 x 22 x 2mm
8	Flat washer, 10 x 24 x 2.2mm
2	Hex bolt, 8-1.25 x 50mm
2	Lock washer, 8mm
4	Hex bolt, M10-1.5 x 30mm
4	Hex bolt, M12-1.75 x 35mm
4	Flat washer, 12 x 32 x 3mm
4	Lock washer, 12mm

Tools Required

Ratchet	Torque wrench
Socket set	--

Product Photo



NOTICE

Visit www.ariesautomotive.com for a full-color copy of this instruction manual, as well as helpful videos, guides and much more!

Before you begin installation, read all instructions thoroughly.

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

Periodic inspection of your product should be performed to ensure all hardware and / or components remain secure.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

Maintenance

To protect your investment, wax this product 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 stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the grille guard.

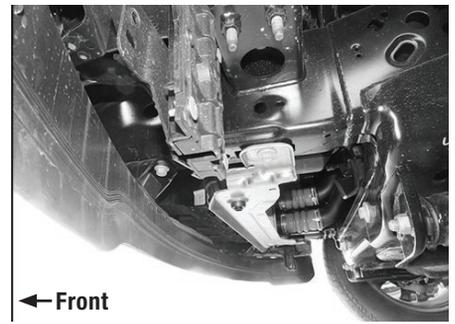
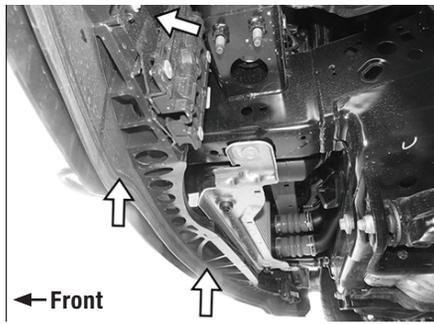
For gloss black finishes: Mild soap may be used to clean the grille guard.

Step 1

Temporarily remove the front license plate.

Remove the plastic active air dam from behind the bottom of the front bumper and set it aside for reinstallation later, if equipped.

Note: Only remove the air dam; do not remove the motor assemblies.



Step 2

Disconnect all of the wiring harnesses connected to items mounted on the front bumper, for example, the fog lights, parking sensors, and so forth.

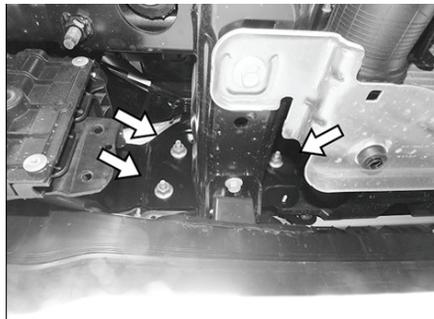


Step 3

From behind the bumper, remove the three (3) large factory hex nuts attaching the bumper to each bumper bracket. Move the bumper to a clean, soft surface.

NOTICE

Assistance is required to hold the bumper in place as the hardware is removed.



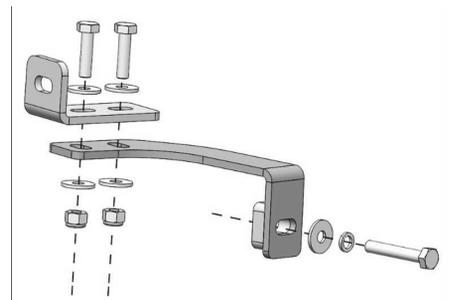
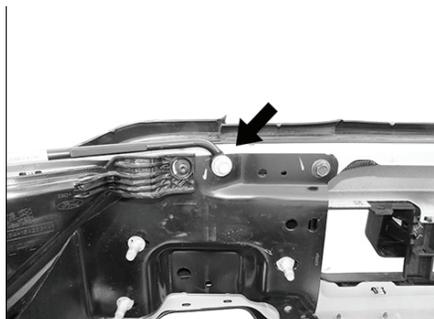
Step 4

Remove the hex bolt from the bumper support on the back of the bumper. Slightly loosen but do not remove the outer bolt on the driver-side end of the support.

Slide the driver/left side top Bracket between the support and the back of the bumper. Secure the top support bracket to the top bracket with two (2) M8 x 30mm hex bolts, four (4) M8 flat washers, and two (2) M8 lock nuts.

Connect the top bracket to the support bracket and bumper with the one (1) M8 x 50mm hex bolt, one (1) M8 lock washer, and one (1) M8 flat washer. With the bracket mounting plate straight up and down, fully tighten the 50mm hex bolt.

Repeat to install the passenger/right side top bracket and top support bracket.



Step 5 (Vehicles with tow hooks)

Note: For vehicles without tow hooks, skip to step 7.

Remove both tow hooks and plastic trim from the end of the frame.

Note: Cut the plastic trim to clear the mounting brackets or simply remove it and return it to the vehicle owner.

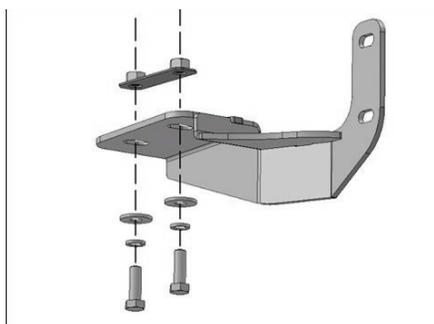


Step 6 (Vehicles without tow hooks)

Insert one (1) 12mm double nut plate into the end of the driver/left side frame rail. Line up the nut plate with the holes in the bottom of the frame rail.

Insert two (2) M12 x 35mm hex bolts, two (2) M12 lock washers and two (2) M12 flat washers up through the frame and into the nut plate to hold the plate in the correct position. Leave the hardware hand tight. Repeat on the passenger/right side to place the double nut plate.

Remove the plastic covers from the driver and passenger side lower openings in the bottom of the bumper.



Step 7

Reinstall the bumper assembly.

Step 8

Insert the driver/left frame mounting bracket through the opening in the bumper.

Vehicles with tow hooks:

Place the bracket between the tow hook and the frame. Reattach the tow hook over the Bracket with the factory bolts. Leave the hardware hand tight.

Vehicles without tow hooks:

Secure the bracket to the bottom of the frame and nut plate with the two (2) M12 x 35mm hex bolts, two (2) M12 lock washers, and two (2) M12 flat washers. Leave the hardware loose at this time.

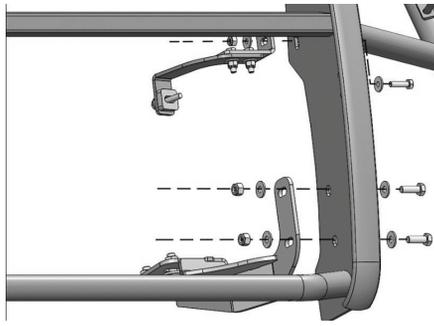
Repeat this step to install the passenger/right frame mounting bracket.



Step 9

With an assistant holding the grille in place against the brackets, secure the grille guard to the frame brackets with four (4) M10 x 30mm hex bolts, eight (8) M10 flat washers, and four (4) M10 nylock nuts. Hand tighten, but do not torque the hardware at this time.

Line up the driver/left top support bracket with the hole in the upright on the grille guard. Attach the bracket to the grille guard with one (1) M8 x 30mm hex bolt, two (2) M8 flat washers, and one (1) M8 nylock nut. Repeat to secure the passenger side top support bracket to the grille guard.



Step 10

Center the grille guard on the vehicle. Once properly adjusted, fully tighten all hardware and reinstall the license plate.

Step 11

Periodically inspecty the product to make sure that all hardware is secure and tight.