

### Parts List

1	Driver / left side bar
1	Passenger / right side bar
6	Mounting bracket, universal
1	Def-tank support bracket
1	Def-tank L-bracket
1	Plastic bolt retainer, M10
13	Hex bolt, M8
13	Flat washer, M8
14	Lock washer, M8
13	Clip nut, M8
1	Bolt plate, M10
13	Hex bolt, M10
15	Flat washer, M10
14	Lock washer, M10
2	Hex nut, M10

### Tools Required

Ratchet	Socket, 16mm
Wrench, 16mm	Socket, 13mm
Level	

### Torque Specifications

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<b>METRIC</b>	M6 bolt	3 ft.-lbs.
	M8 bolt	7 ft.-lbs.
	M10 bolt	16 ft.-lbs.
	M12 bolt	28 ft.-lbs.
<b>SAE</b>	1/4" bolt	3 ft.-lbs.
	5/16" bolt	7 ft.-lbs.
	3/8" bolt	16 ft.-lbs.
	7/16" bolt	20 ft.-lbs.
	1/2" bolt	28 ft.-lbs.

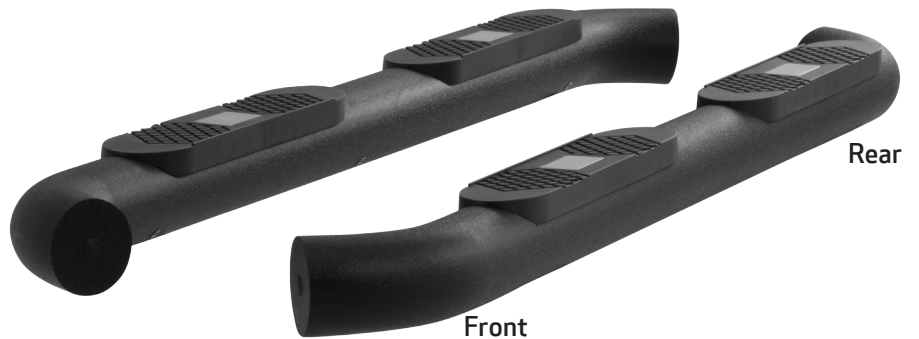
### Level of Difficulty

Easy



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.

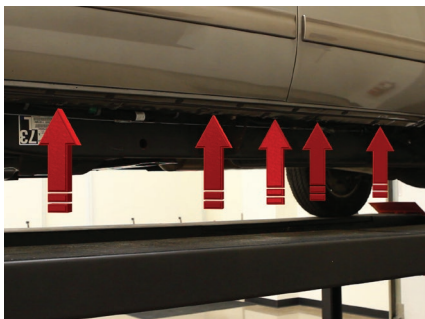
For black finishes, mild soap may be used to clean the product.

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

Locate the five mounting tabs along the bottom edge of the vehicle body.

This installation will use the first, third and fifth mounting tabs.



### Step 2

Starting at the front driver side mounting location, locate the threaded hole on the inside of the body panel.

Attach a universal mounting bracket to the body panel using an 8mm hex bolt with a lock and flat washer.

Snug the hardware, but do not fully tighten



### Step 3

Rotate the bottom of the bracket to the side to expose the hole in the mounting tab.

Slide an 8mm clip-nut over the mounting tab and rotate the bracket back into position.

Secure the bracket with a second M8 hex bolt, lock washer and flat washer.

Snug the hardware, but do not fully tighten



### Step 4

Repeat steps 2 and 3 to install the second bracket over the third mounting tab location from step 1.



### Step 5

Locate the fifth mounting tab from step 1 and remove the rubber plug from the access hole.

Insert a clip nut through the access hole and align it over the adjacent small hole.

Secure the top of the bracket with an M8 hex bolt, lock washer and flat washer.

Repeat step 3 to secure the bottom of the bracket.



### Step 6

Place the side bar onto the mounting brackets and align the mounting points.

**Note:** If the holes on the side bar do not match up with the brackets, ensure all brackets have been installed in the correct locations and the correct side bar is being used.



### Step 7

Secure the side bar to the brackets using a 10mm hex bolt, lock washer and flat washer at each mounting location.

Snug the hardware, but do not fully tighten.



### Step 8

Adjust and level the side bar.

With the side bar in position, it is recommended to tighten all brackets to the vehicle first, followed by the side bar connections.



### Step 9

Repeat steps 1 through 8 on the passenger side for all brackets except for the additional def-tank bracket.



### Step 10

Locate the def-tank bracket components for diesel truck models.

Begin the install by locating the round factory hole in the bottom of the rocker panel, closest to the front bracket mounting location. The installation of the bracket will vary depending on the vehicle model shown to the right.

Remove the plastic plug to expose the mounting hole in the rocker panel.



### Step 11

Insert the 10mm bolt plate into the access hole in the rocker panel.

Push the plastic retainer onto the threaded end of the bolt plate to help hold the plate in position.



### Step 12

Select the def-tank L-bracket.

Attach the short end of the bracket to the bolt plate with the flat washer, lock washer and 10mm hex nut.

Snug the hardware, but do not fully tighten.



### Step 13

Slide an 8mm clip nut onto the mounting tab.  
Fasten the side bar mounting bracket with an M8 hex bolt, flat washer and lock washer.

Snug the hardware, but do not fully tighten.



### Step 14

Bolt the def-tank support bracket to the back of the def-tank L-bracket using a M10 hex bolt, flat washer and lock washer.

Snug the hardware, but do not fully tighten.



### Step 15

Repeat steps 6 through 8 on the passenger side of the vehicle.

Congratulations on the installation of your new ARIES 4" Big Step side bars.

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

