



# INSTALLATION MANUAL

## S223006-2

### Parts List

1	Driver / left side bar
1	Passenger / right side bar
2	Driver / left side mounting bracket
2	Passenger / right side mounting bracket
16	Hex bolt, M8 x 35mm
24	Flat washer, M8
16	Lock washer, M8
8	Hex nut, M8
8	Clip nut, M8
8	Hex bolt, M10 x 30mm
8	Flat washer, M10
8	Lock washer, M10

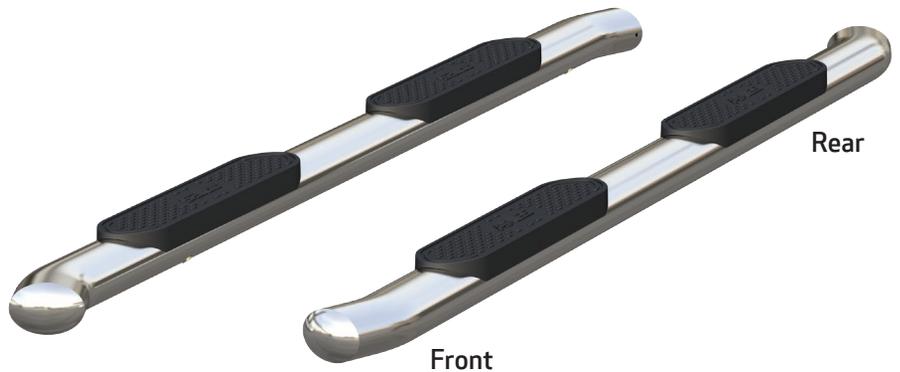
### Level of Difficulty

Easy



Scan for helpful install tips

### Product Image



### Tools Required

Ratchet	Socket, 13mm
Wrench, 13mm	Socket, 17mm
Torque wrench	Level

### 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 stainless steel and aluminum, polish may be used to clear small scratches and scuffs on the finish. Mild soap may be used also 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.

### Torque Specifications

Torque Specifications		
METRIC	M6 bolt	3 ft.-lbs.
	M8 bolt	7 ft.-lbs.
	M10 bolt	16 ft.-lbs.
	M12 bolt	28 ft.-lbs.
SAE	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.

### Step 1

Starting on the driver side, locate the two mounting points underneath the vehicle.

Place the front driver-side bracket onto the vehicle. Be sure the cradle of the bracket faces the rear of the vehicle.

Secure the top of the bracket by inserting two clip nuts into the rectangular slots and attaching the two M8 hex bolts, lock washers and flat washers.

Snug the hardware, but do not fully tighten.



### Step 2

Secure the lower mounting points with two M8 bolts, four flat washers, two lock washers and two hex nuts.

Repeat this process to secure the rear mounting bracket.

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



### Step 3

Secure the side bar to the brackets using an M10 hex bolt, lock washer and flat washer at each mounting point.

Snug the hardware, but do not fully tighten.

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 4

Repeat steps 1 through 3 on the passenger side of the vehicle.

Congratulations on the installation of your ARIES 4" oval side bars.

With the side bars 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.

