

Parts List

1	Bull bar
1	Driver / left mounting bracket
1	Passenger / right mounting bracket
2	Hex head cap screw, M8 x 30mm
2	Hex head cap screw, M8 x 40mm
4	Lock washer, M8
4	Flat washer, M8
4	Flat washer, M10
4	Flange nut, M10
4	Hex head cap screw, M10 x 40mm

Tools Required

Torque wrench	Ratchet
Socket set	Box wrench

Torque Specifications

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

Use above torque setting unless otherwise noted

Level of Difficulty

Easy

Product Image



Brackets and Hardware



Notes and Maintenance

Before you begin installation, read all instructions thoroughly.

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

To protect the product, wax 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 polished, gloss and other smooth finishes, polish may be used to clear small scratches and scuffs on the finish.

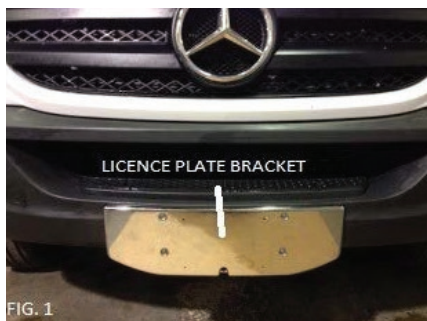
Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

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

Remove the factory license plate bracket. Once the license plate bracket is removed, remove the two M8 bolts.

Remove the two M8 torx bolts in the cutout above the license plate bracket.



Step 2

Install the driver-side bracket by inserting one M8 x 40mm hex head cap screw, lock washer and flat washer in both of the top holes.

Insert one M8 x 30mm hex head cap screw, lock washer and flat washer in both of the forward facing holes. With all the fasteners in place, torque to 19 ft-lbs.

Repeat for the passenger-side bracket.

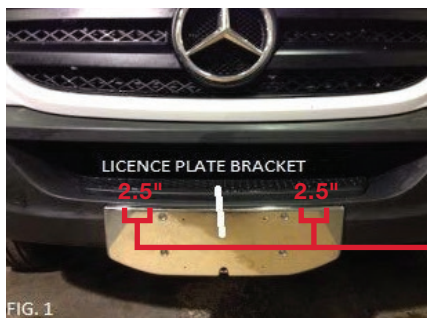


M8 x 40mm

M8 x 30mm

Step 3

Reinstall the license plate bracket by cutting two notches out of the top edge of the plastic. Beginning 2" from each side, cut a 2.5" notch. These notches will allow the license plate bracket to lay flat in the factory position.



Notches

Step 4

Install the bull bar using the provided M10 hex head cap screws, flat washers and flange nuts. The bolt and washer will be placed on the outside while the flange nut will fasten from the inside. Once all the fasteners are in place, position the bull bar and torque the fasteners to 25 ft-lbs.

Congratulations on the installation of your new ARIES 3" bull bar.

With the bull bar 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.



Optional license plate relocation bracket #35-0000 sold separately