## LUVERNE

# **INSTALLATION MANUAL**

331333

### **Level of Difficulty**

Easy

Parts List		
1	Driver / left side upright	
1	Passenger / right side upright	
1	Driver / left side mounting bracket	
1	Passenger / right side mounting bracket	
4	Hex bolt, 7/16"	
4	Flat washer, 7/16"	
4	Flat washer, 1/2"	
4	Lock washer, 1/2"	
4	Cap nut, 1/2"	
4	Carriage bolt, 1/2"	
4	Hex bolt, M16	

Tools Required			
Ratchet	Socket set		
Wrench set	Socket extensions		

Serrated flange nut, M16

Torque Specifications		
7/16" bolt	30 ft-lbs.	
1/2" bolt	40 ft-lbs.	
M16 bolt	150 ft-lbs.	

Use above torque setting unless otherwise noted

#### **Product Photo**



### NOTICE

Before you begin installation, read all instructions thoroughly.

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

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 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.

## **Product Registration and Warranty**

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## Step 1

Locate and remove the two bolts that secure the factory tow hook to the frame. Remove the tow hook.

Starting on the driver side of the vehicle, locate and remove the factory tow hook bolts. Remove the factory tow hooks.

Repeat on the passenger side of the vehicle.









## Step 2

Insert the mounting bracket through the tow hook opening. Secure the mounting bracket using the factory tow hook hardware or the provided four M16 bolts and nuts.

Snug the hardware, but do not fully tighten.

Repeat on the passenger side of the vehicle.









### Step 3

Slide the upright over the mounting bracket and secure using 1/2" carriage bolts, washers and cap nuts.

Snug the hardware, but do not fully tighten.

Repeat on the passenger side of the vehicle.







## Step 4

Secure the grille guard ring and upright covers (chrome guards only) to the uprights using the supplied 7/16" hardware.

Snug the hardware, but do not fully tighten.



## Step 5

Adjust the guard so that it is upright and centered vertically on the bumper. Tighten the 7/16" hardware, followed by the 1/2" hardware and lastly the M16 tow hook bolts. Check that the guard is centered and vertical between each step and adjust as needed.

Tighten the upright hardware to the recommended torque specifications listed in the table on page one.

Congratulations on the installation of your new LUVERNE 2" tubular grille guard.

With the grille guard 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 installation manual.



