

Level of Difficulty

Moderate

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	Mounting Bracket, driver side
1	Mounting Bracket, passenger side
1	Upper Mounting Bracket, driver side
1	Upper Mounting Bracket, passenger side
2	Spacer plate
8	Hex bolt, M12
16	Flat washer, M12
8	Lock washer, M12
8	Hex nut, M12
2	Plastic retainer, m12

* Grille guard sold separately

Tools Required

Ratchet	Socket
Torque wrench	Socket extension

Torque Specifications

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

Use above torque setting unless otherwise noted

Product Photo



NOTICE

Visit www.luvernetruck.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

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

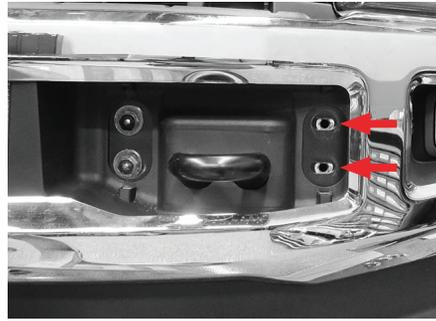
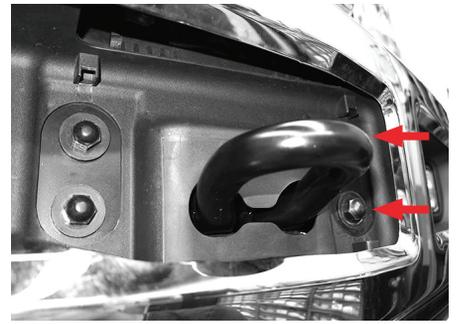
LUVERNE stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: warranty.curtgroup.com/surveys

Step 1

Starting at the front-driver side of the front bumper, remove the plastic cover, (if equipped), covering the bumper bolts on both sides of the tow hook. Remove the two outer bumper bolts.

NOTICE

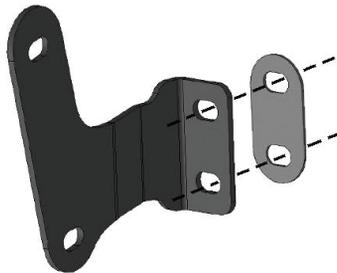
Do not remove the inner bumper bolts or the bumper may fall. Only remove the outer bumper bolts. Cover cannot be reinstalled.



Step 2

Select the driver-side frame bracket and one spacer plate. Place the spacer over the holes for the bumper bolts. Reuse the factory bumper bolts to secure the frame bracket to the spacer and bumper. Make sure there is clearance between the top and bottom of the frame bracket and the opening in the bumper. Do not tighten hardware at this time.

Repeat steps 1 & 2 for the passenger-side frame bracket and spacer installation.



Step 3

Remove the plastic air dam from the bottom of the bumper and place it on a clean, stable work surface. Note the location and type of all factory hardware for reinstallation.



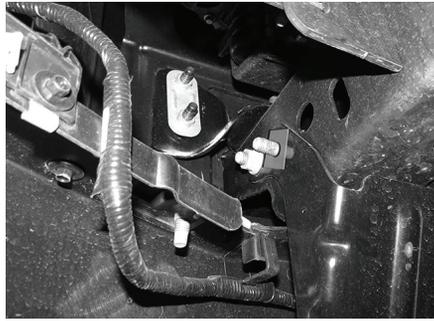
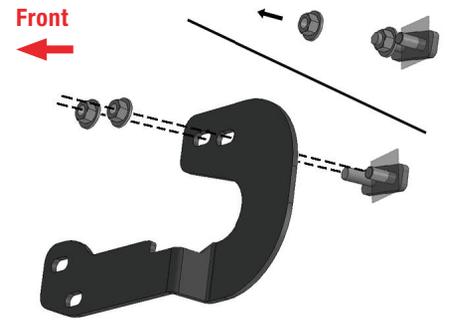
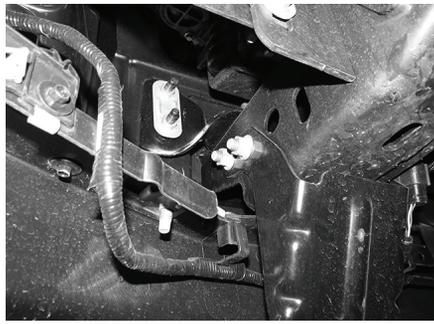
Step 4

From under the driver side of the bumper, locate the two outer hex nuts securing the frame extension to the outside of the frame. Remove one of the two factory hex nuts.

Thread a plastic retainer onto the threaded end of the double bolt plate inside the frame. Remove the second factory nut from the bolt plate.

NOTICE

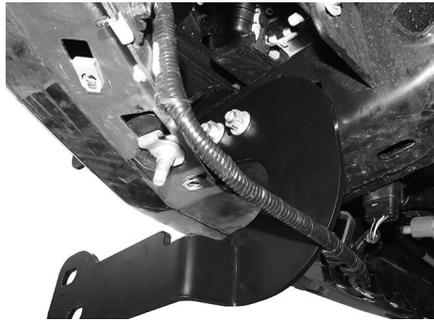
The plastic retainer is designed to help hold the factory double bolt plate in place in the frame and to help with bracket installation. Do not allow the double bolt plate to fall into the frame channel.



Step 5

Select the driver-side lower mounting bracket. Reuse the two factory hex nuts to attach the bracket to the double bolt plate. Do not tighten hardware at this time.

Repeat steps 4 & 5 for the passenger-side lower mounting bracket installation.



Step 6

With assistance, position the grille guard up to the outside of the mounting brackets. Secure the grille guard to the frame brackets with four M12 hex bolts, eight M12 flat washers, four M12 lock washers and four M12 hex nuts. Do not fully tighten hardware.



Step 7

Secure the grille guard to the lower mounting brackets with four M12 hex bolts, eight M12 flat washers, four M12 lock washers and four M12 hex nuts. Do not tighten hardware at this time.

Level and adjust the grille guard and fully tighten the bracket to vehicle hardware only at this time. Temporarily remove the grille guard.



Step 8

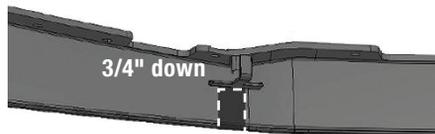
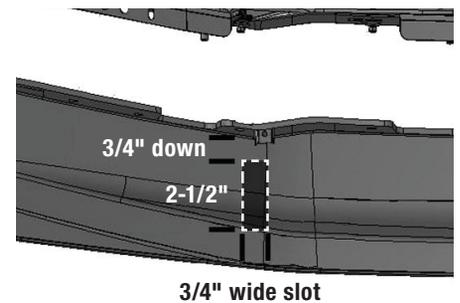
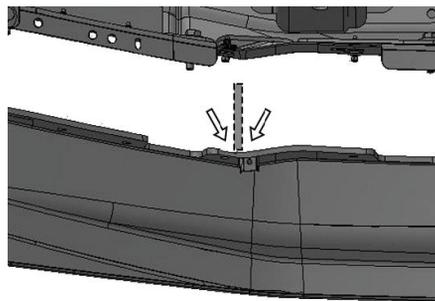
Hold the plastic air dam up in position against the lower brackets and mark the location of the brackets onto the top of the air dam. Measure the location of the lower brackets and transfer these measurements onto the back of the air dam.

Place the air dam back up to the two lower mounting brackets to verify location before cutting. Check all measurements on the vehicle. Once absolutely satisfied, use a hacksaw blade or utility knife to carefully cut two openings in the air dam. Check fit, trim as necessary and reuse the factory hardware to reinstall air dam over lower brackets.

NOTICE

On the "tall" air dam only, do not cut through the top or bottom edge of the air dam.

It may be necessary to loosen or temporarily remove the lower mounting brackets only to reinstall the air dam.



3/4" wide slot

Step 9

Reinstall the lower brackets through the air dam, if removed.

Reinstall the grille guard as described in steps 8 & 9. Level and adjust grille guard and fully tighten all hardware. Reinstall the license plate and bracket.

Congratulations on the installation of your new LUVERNE Prowler Max™ 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 page one.

