

INSTALLATION MANUAL

206185

Level of Difficulty

Easy

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	Driver / left mounting bracket
1	Passenger / right mounting bracket
2	Tow hook mounting bracket
1	Driver / left adjustable mounting bracket
1	Passenger / right adjustable mounting bracket
1	Magnet Assembly
1	Magnet Assembly with Safety Pin
2	Hex bolt, 3/4-10 x 2"
4	Hex bolt, 5/8"-11 x 2"
2	Hex bolt, 5/8"-11 x 1 3/4"
2	Shoulder bolt, 5/8" x 7/8" x 1/2"-13
2	Lock washer, 3/4"
4	Flat washer, 9/16"
2	Flat washer, 5/8"
4	Belleville washer, .63" x 1.25" x .04" x .042"
4	Serrated-flange nut, 5/8"-11
2	Nylock nut, 5/8"-11
2	Nylock nut, 1/2"-13

Tools Required

Ratchet	Socket, 15/16"
Torque wrench	Socket, 1 1/8"
Wrench, 15/16"	Socket, 3/4"
Allen wrench, 5/16"	Crescent Wrench, Min opening 1.25"

Torque Specifications

1/2" bolt	65 ft-lbs.
5/8" bolt	128 ft-lbs.
3/4" bolt	228 ft-lbs.

Use above torque setting unless otherwise noted

Product Photo



Product Registration and Warranty

RETRAC 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

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.

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 torque specifications when securing hardware during the installation process.

⚠ CAUTION

Strong magnets may produce pinch hazards. Can be harmful to Pacemakers and other sensitive electronics.

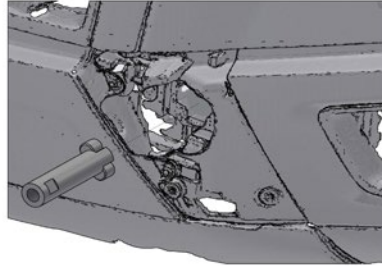
Step 1

Remove the tow hook cover panel by pulling straight out on the lower side of the cover.

The cover will pop out of its fastener and then remove by pulling the panel out of the tab holes.

Step 2

Insert the mounting bar into the tow hook opening by pressing it against the spring until you can turn it to the locked position using a crescent wrench.

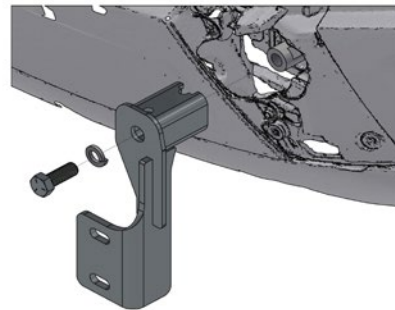


Step 3

Slide a mounting bracket over each mounting bracket bar.

Insert and tighten the 3/4-10 x 2" hex bolt with 3/4" lock washer into the mounting bar with the 1-1/8" socket.

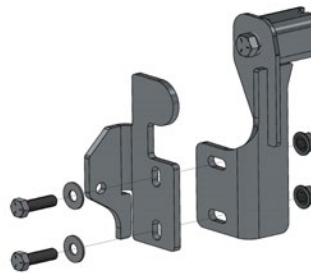
Keep the bracket square on the truck.
(Driver side shown)



Step 4

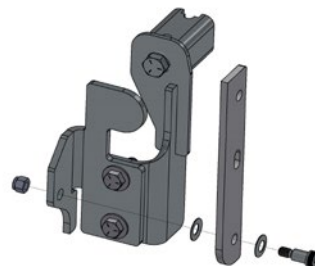
Using the 5/8"-11 x 1-3/4" bolts, 9/16" flat washers and 5/8"-11 flange nuts, secure the adjustable mounting brackets to the mounting brackets.

The bolts should only be hand tightened at this time.
(Driver side shown)



Step 5

Using the 5/16" allen wrench and 3/4" socket, install the guard onto the mounting brackets with the 5/8" x 7/8" shoulder bolts, .63 x 1.25 x .040 x .082 belleville washers (large diameter to the guard bracket face) and 1/2" - 13 nylock nuts using the bottom holes.

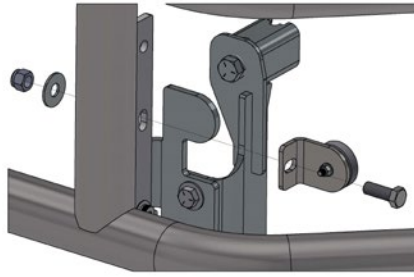


Step 6

Using a 15/16" socket and wrench, attach the magnet bracket assemblies to the mounting bracket of the grille guard with the 5/8" – 11 x 1 3/4" bolts, 5/8" flat washer and 5/8" – 11 nylock nuts.

The safety pin bracket must be on the passenger side.

Note: Magnets and brackets are pre-assembled. Some adjustment may be necessary after the Grille Guard is installed on the truck.



Step 7

Close the guard and check to make sure the magnets line up correctly.

Adjust if needed.

Step 8

Center the guard on the truck and adjust up or down as needed before tightening the adjustable mounting bracket bolts.

Optional Step

To use the factory cover panel it needs to be notched out around the mounting brackets.

Hold up the cover panel next to the mounting bracket and with masking tape on the panel mark out what needs to be removed. (Make sure the panel is clean before taping.)

Using a cutoff wheel or fine tooth bladed saw, cut out the marked area.

Keep the masking tape on until finished to help protect the paint. (The area depicted is a general guide for the section to be cut out.)

