

# INSTALLATION MANUAL

# 571513

This is the first of two manuals required to complete this installation. The second manual is included with your Impact™ rear bumper guard.

## 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	Mounting bracket, driver side
1	Mounting bracket, passenger side
2	T-bolt, 1/2"
2	Flat washer, 1/2"
2	Nylock nut, 1/2"
4	Hex bolt, M10 x 1.25 x 40mm, grade 8.8
4	Flat washer, M10
4	Lock washer, M10

## Tools Required

Ratchet	Torque wrench
Socket, 16mm	Wrench, 16mm
Socket, 17mm	Torx bit, T-25
Socket, 3/4"	--

## Torque Specifications

M10 bolt	18 ft-lbs.
1/2" bolt	57 ft-lbs.

Use above torque setting unless otherwise noted

## Product Photo



## NOTICE

Visit [www.luvernetruck.com](http://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.

Shock assemblies need to be greased before use. Inspect and grease shock assemblies periodically to ensure smooth and quiet operation.

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

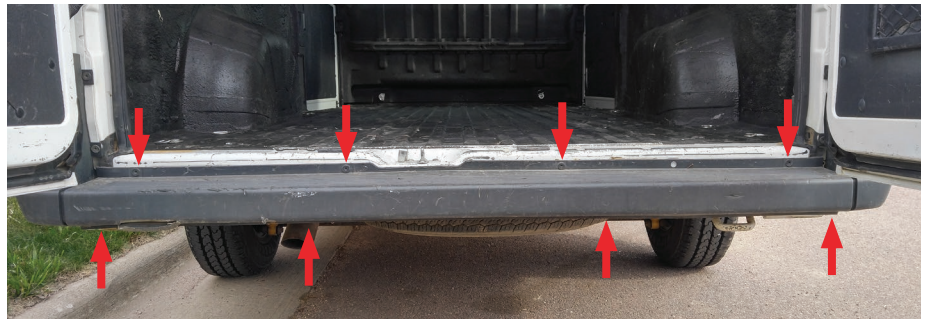
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### Step 1

**Note:** Impact bumper is not compatible with the OEM receiver hitch or accessory rear bumper step. If installing on a van equipped with either of these options they must be removed at this time.

Locate and remove the four screws along the top edge of bumper cover and the four screws on the bottom side of the bumper cover.

Remove the bumper cover from the vehicle.



### Step 2

Remove the two bolts and nut from each side of the vehicle bumper. Remove the bumper structure from the vehicle.



### Step 3

Locate and remove the four square hole plugs on the bottom side of the frame.



### Step 4

Insert a T-bolt into each of the square holes in the vehicle frame.



### Step 5

Slide the mounting bracket over the T-bolts and secure with a 1/2" flat washer and nylock nut.

Snug the hardware but do not fully tighten at this time.

Repeat on the other side of the vehicle.



### Step 6

Re-attach the vehicle bumper structure over the mounting bracket using the original hardware removed in Step 2.

Once all hardware has been installed, start with the 1/2" T-bolts, followed by the original hardware and tighten to the torque specifications below.

M10 bolts - 18 ft-lbs.

1/2" bolts - 57 ft-lbs.



### Step 7

Re-attach the plastic bumper cover with the hardware from Step 1.

Use the hardware provided with your Impact™ rear bumper step to attach the bumper step to the brackets.

#### NOTICE

To complete the installation, refer to the manual included with your Impact™ rear bumper step.

