

QUIGLEY MOTOR COMPANY, INC

Bumper Installation Guide

Application: 2015-2019 GM



THANK YOU!

Thank you for choosing Quigley Motor Company for your bumper. We value our customers and their off-road lifestyle.

SAFETY FIRST!

Thoroughly read all instructions and warnings before beginning the installation. Use your own judgment and, if necessary, have the installation done by a professional.

This bumper is intended for off-road use only. The owner assumes all liability for installation and use. Any sensor will have an altered view when installed in an after-market bumper.

TOOLS NEEDED:

- 1/4" Drive Ratchet w/ 10mm Socket
- 7/8" Open/Box End Wrench
- 11/16" Open/Box End Wrench
- 1/2" Drive Ratchet w/ 15mm - 21mm socket
- 1/2" Drive Ratchet w/ 5/8"- 13/16" socket
- Chisel and Hammer
- Grinder
- Torx sockets- T20, T30
- 6" and 12" extension
- Swivel socket

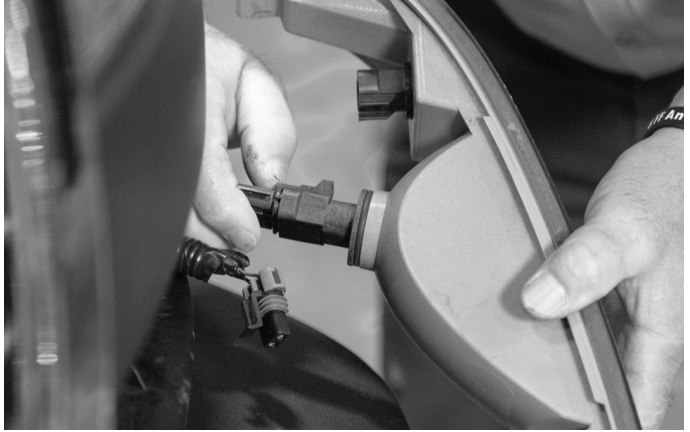
HARDWARE INCLUDED:

- (12) 7/16" x 1.5" bolts/nuts/lock washers
- (24) 7/16" flat washers
- (2) 9/16" x 6" bolts and flat washers
- (2) Bumper Brackets
- (2) 1/4" x 1" bolt and lock nuts

INSTRUCTIONS:

1. Remove left and right turn signal lamp assemblies.

Release the tabs and disconnect the wire connector. Once removed place in a safe location for later re-installation.



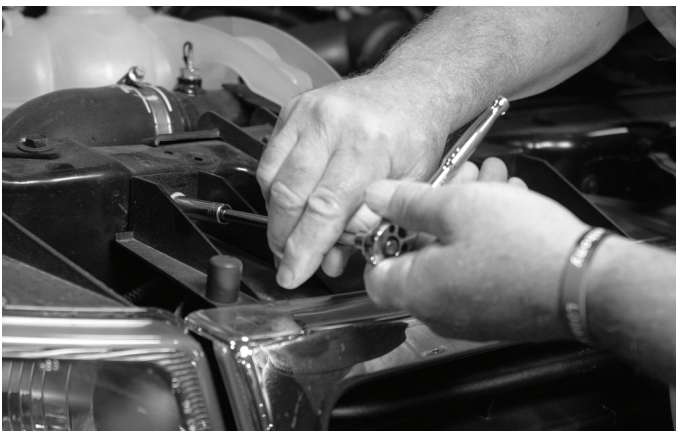
2. Remove radiator top cover and grill assembly.



Gas Engine: Remove 5 reusable plastic rivets from plastic cover and remove cover.

Diesel Engine: Remove 7 reusable plastic rivets. Using a 10mm socket remove 2 bolts holding the air cleaner housing. The plastic top cover should now be able to be removed.

2a. Grill assembly removal:



There are 2 bolts at the top of the grill assembly and 1 bolt in each of the turn of the turn signal openings. Using a 10mm socket remove all bolts. The grill assembly is still attached to the front by a few plastic clips at the bottom of the grill assembly. Place hands low and apart on the grill and pull straight out away from the van. Clips should pull free from front of van, set aside for later re-installation.

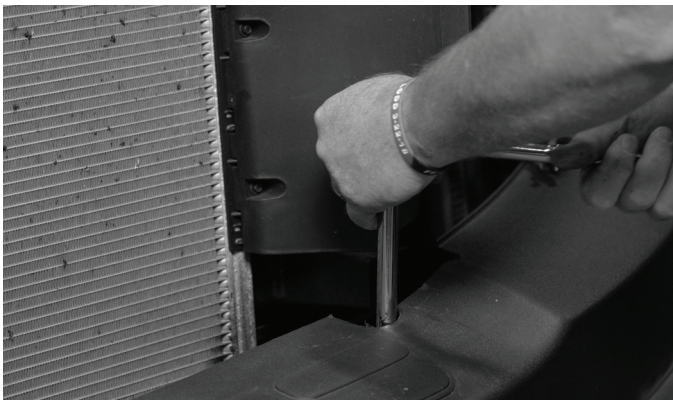
INSTRUCTIONS:

3. Remove bumper support brackets:

Located in each wheel well is a bumper support attached to the end of the bumper. Using a 15mm socket remove the 3 bolts holding the bracket to the bumper and the frame. The 2 bolts you remove from the frame bracket will be reused later in the installation. Remove the bracket and discard.



4. Remove the bumper:



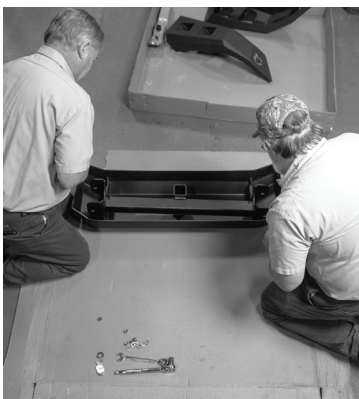
**During this step have help as the bumper will free from the van once the bolts are removed.*

On the top of the bumper over each frame rail you will find 1 bolt. Using a 21mm socket remove each of the bolts.

Remove bumper from van.

*****If you are installing lights in the new bumper, now would be the ideal time to install the wiring for them.***

5. Assemble the new bumper:



Install the center bumper skin over the steel bumper support frame. Using (6) 7/16" x 1.5" bolts/nuts/lock washers and (12) 7/16" flat washers to attach the skin to the frame. Snug but do not tighten these bolts as some adjustment may be needed later. Attach bumper wing sections to the center section using (6) 7/16" x 1.5" bolts/nuts/lock washers and (12) 7/16" flat washers. Again, snug but do not tighten the bolts for later adjustment.

INSTRUCTIONS:

6. Install the new bumper:

**With assistance, carefully install the new bumper assembly to the front of the van. Align the bumper mounting holes with the holes in the frame rails. Install (2) 9/16" x 6" bolts and flat washers down through the holes and install flat washer/lock washer and nut. Tightens these bolts.*



7. If your lighting wiring is complete, reinstall the grill assembly.



Reattach grill and reinstall all bolts and hardware.

8. Adjust the bumper sections for desired fitment to the grill and body lines.



Tighten all bumper bolts after alignment is complete.

INSTRUCTIONS:

9. Install new bumper brackets in each wheel well where original brackets were located.

You will reuse 2 bolts from the old bracket to fasten the new bracket to the frame rail mount. Attach the bracket to the bumper using a 1/4" x 1" bolt and lock nut. Once in place tighten all bolts.

