



These instructions and the images herein are proprietary. Any unauthorized reproduction is prohibited.

GOWESTY PLATE-STEEL BUMPER INSTALLATION GUIDE 1980-91 VANAGON

These bumpers are a direct replacement for the stock steel or fiberglass bumpers found on all 2WD & 4WD Vanagons.

Tools Needed

- Metric socket set
- Metric combination wrench set

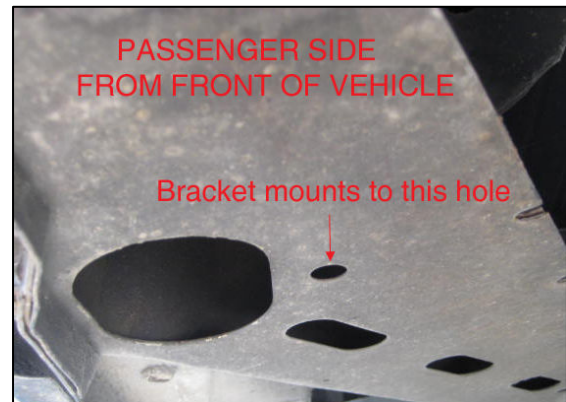
Potential Tool Needs

- Hacksaw/Cutoff wheel
- Heavy hammer
- 1.5" hole saw

DISCLAIMER: *This kit has been designed for easy installation. However, the installation of this kit is not within everyone's ability. Read through these instructions carefully and decide if installing it is for you. If not, please take your vehicle to an automotive installation professional. Due to slight variances between vehicles, the installation can either be very easy or slightly challenging.*

FRONT BUMPER INSTALLATION

- 1) Remove the factory front bumper. If you have a 1988 or newer van with the fiberglass bumpers, you will need to remove the riser tabs on the outer top edges that originally supported the bumper. This is where the hacksaw or cutoff wheel comes in handy. Now look underneath the nose for two small square riser blocks that were originally used for the original bumper support brackets. These must be cut off or hammered flat towards the front of the van. Once these are out of the way, the front bumper can be bolted into place.
- 2) Mount the front bumper using the 8mm bolts and washers. Leave the two bolts loose for now. Grab the two short support brackets and bolt them into position. They attach to the upper edge of the bottom lip of the bumper, and to the frame member under the nose (see photo at right). Once the bumper and brackets are in place, tighten all the mounting hardware.



Note: You can attach the bracket up into the large hole, as seen in our installation video, or if you experience any interference, you can bolt it to the underside for a bit more clearance. This is also necessary on some early vans, which do not have this large hole— see next step for more details on this issue.

- 3) On some early vans, there is no large hole that allows easy access to bolt the bracket into place on the frame member. You will need to drill a 1.5" hole in the approximate location of the large hole and use it to access the interior of the frame member to bolt it up using the standard nut (hold the bracket up in place and drill the hole offset, so it is accessible with the bracket in place).
- 4) Cover the exposed hex heads on the face of the front bumper with the supplied round black bolt covers. Install them by folding them inside out, pushing them on to the head of the bolt, and then folding the cap back to its original shape.

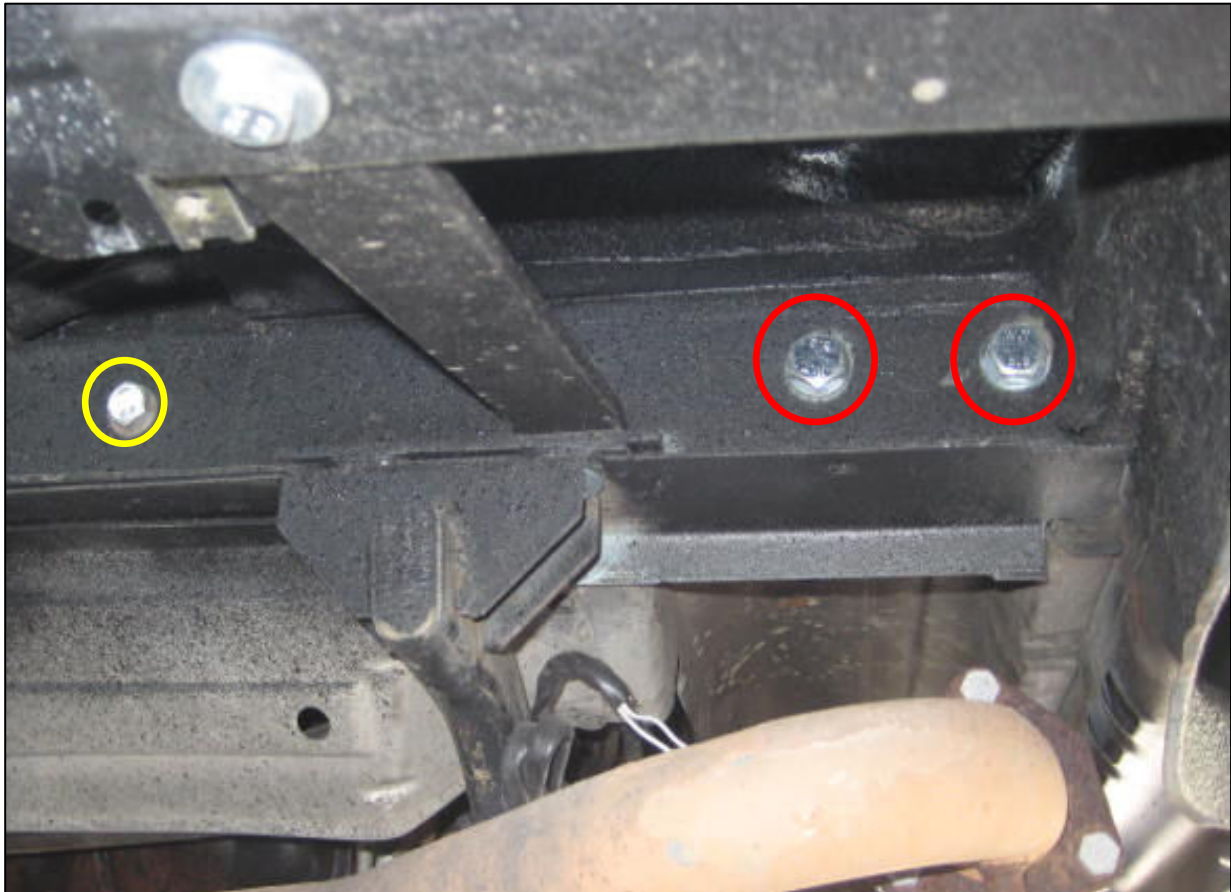


These instructions and the images herein are proprietary. Any unauthorized reproduction is prohibited.

GOWESTY PLATE-STEEL BUMPER INSTALLATION GUIDE 1980-91 VANAGON

REAR BUMPER INSTALLATION

- 1) Remove the rear bumper and bumper brackets from the vehicle. There are two big 12mm bolts on each side attaching the bumper mounts to the body (circled in red in photo below). **You will reuse these.**
- 2) Slide the bumper mounting arms into the slots in the body and fasten with the four original bolts and the two supplied 10mm bolts (circled in yellow in photo below).
- 3) Install the two long side support brackets. These brackets attach to the upper edge of the bottom lip of the bumper (similar to the front) and to the rear-most mounting bolt of the main engine crossbar (this can be seen in photo below). Use the longer supplied bolts to replace the crossbar mounting bolts you remove.



**Step back and bask in the glory of your accomplishment.
Your van looks bad-ass!**