

Avatar NV 3500 Side Steps Installation Guide

Tools Needed for Installation:

1. Drill
 2. Drill Bit Set
 3. Socket Wrench
 4. 10 mm socket
 5. 11 mm deep well socket
 6. 10 mm box wrench
 7. Shop Floor Light
 8. Pliers
 9. Hammer
- Hole Starter Punch

INJURY HAZARD

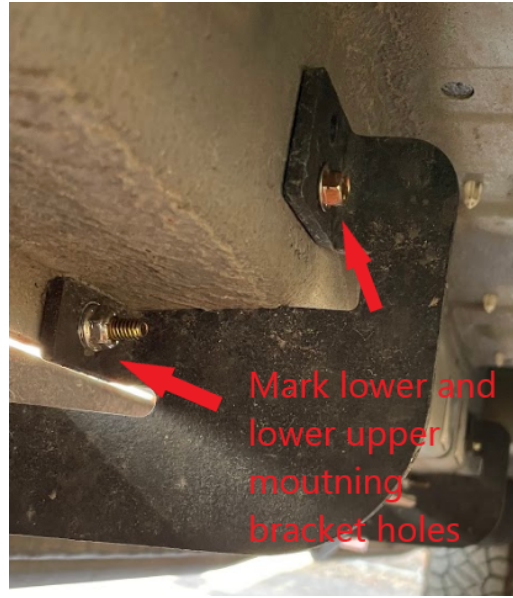
Failure to observe these instructions could lead to severe injury or death.

- ☐ Always remove jewelry and wear eye protection.
- ☐ Always use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- ☐ Always use appropriate and adequate care in lifting components into place.
- ☐ Always ensure components will remain secure during installation and operation.
- ☐ Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- ☐ Always use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- ☐ Always use extreme caution when cutting and trimming during fitting.
- ☐ Always tighten all nuts and bolts securely per installation instructions.
- ☐ Always route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- ☐ Always insulate and protect all exposed wiring and electrical terminals.
- ☐ Always perform regular inspections and maintenance on mounts and related hardware.

1. Use a jack or third hand to lift and hold the side step in position under the van. Center the step on the body of the van between the front and rear tires. Note that the driver side step has only three mounting brackets while the passenger side step has four mounting brackets.



2. Use a permanent marker to mark the body of the van where the mounting bracket holes line up. Mark the hole in the lower mounting bracket flange, as well as the lower hole in the upper flange. The upper hole in the upper flange is there as a backup and does not need to be marked and drilled unless there are issues with the lower hole alignment.



3. Remove the side step from under the van. Drill the lower flange holes through to a $\frac{1}{4}$ ".



4. Use a hole starter punch or screw to put pilot holes in the upper hole marks to make it easier to drill at an angle. Drill holes to $\frac{5}{16}$ ".



5. Install provided insert nuts into the upper holes. Using a 5/16" hole requires a pliers to hold the insert nut while pounding them in with a hammer. This tighter fit helps prevent the insert nut from spinning when tightening.



6. Once again use a jack or third hand to position the step under the van. Install provided lower hole bolt and nylon locknut using a 10 mm box end wrench and a 11 mm socket. Do not fully tighten until all upper and lower bolts have been installed.
7. Install upper bolts into the insert nuts using a 10 mm socket. Once all upper and lower bolts have been installed loosely go back and tighten completely to complete your installation.