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Van Step Bracket Kit #907510010 Installation (Dodge)

⚠ WARNING

The "WARNING" symbol above is a sign that an installation procedure has a safety risk involved and may cause death or serious injury if not performed safely and within the parameters set forth in this document. Always wear eye protection when performing this installation procedure.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

⚠ CAUTION

Read all instructions before beginning any installation procedures. Disconnect the vehicle battery before beginning any installation or wiring procedure. Follow the installation instructions provided below in sequence.

Prior to installation, you will need the following equipment: threaded insert installation tool Part Number 907555 (Kwikkee) or Part Number 907556 (Kwikkee), a motorized drill, drill bits ($\frac{3}{16}$ ", $\frac{5}{16}$ " and $\frac{3}{8}$ "), socket wrench and deep well sockets ($\frac{7}{16}$ " and $\frac{1}{2}$ "), pencil or marker, flashlight or drop light, and safety glasses.

Installing the Mounting Bracket

NOTE: On some Dodge vans there may be an aluminum heat shield under the step well. This **MUST** be removed prior to any step installation. A replacement heat shield is included in this bracket kit, and it **MUST** be installed on the step prior to use.

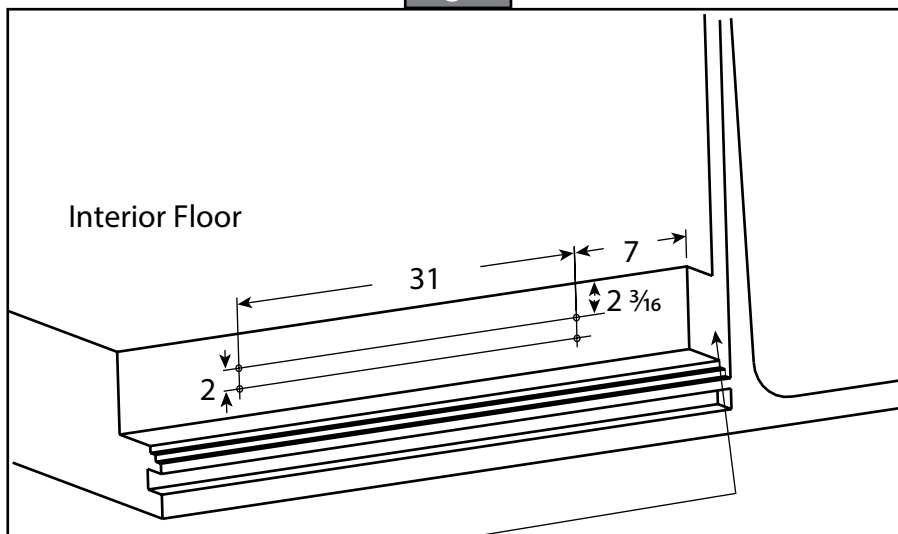
1. Remove the step well mat, carpet (if equipped) and trim from the step well area.

NOTE: All measurements **MUST** be taken from the bare steel floor surface. Do not measure from the floor covering or on top of any kind of trim.



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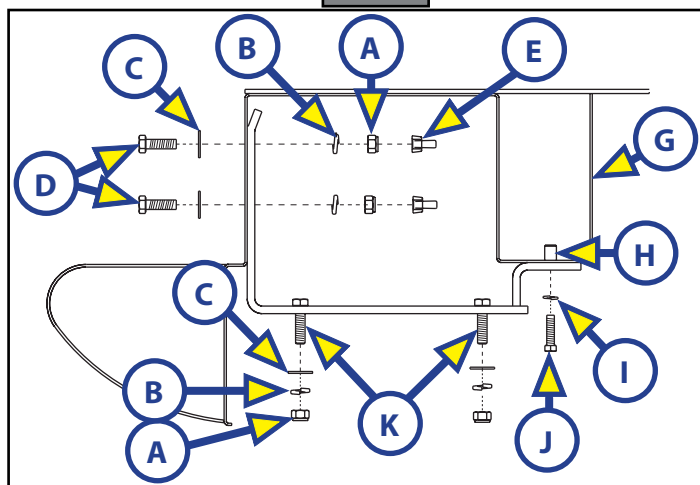
Fig. 1



This is the suggested door switch location. Mount the switch on the flange so that the wires may be fed through the flange into the step well area. Be sure the switch will not hit any trim on the inside of the door.

2. Using the bolt hole locations (Fig. 1), drill four $\frac{5}{16}$ " diameter holes in the step well for the upper mounting bolts.
3. Bolt the top of both mounting brackets in place using the $\frac{5}{16}$ " hex head bolts, $\frac{5}{16}$ " flat washers and wing nuts (Fig. 2). Use the bracket slots to adjust the position of the brackets so that the rear portion is against the frame rail.

Fig. 2



Callout	Description
A	$\frac{5}{16}$ " - 18 Nylock Nut
B	$\frac{5}{16}$ " Split Lock Washer
C	$\frac{5}{16}$ " Flat Washer
D	$\frac{5}{16}$ " - 18 x 1" Hex Head Bolt
E	$\frac{5}{16}$ " Wing Nut
F	Mounting Bracket
G	Vehicle Frame
H	Thread Insert
I	$\frac{1}{4}$ " Split Lock Washer
J	$\frac{1}{4}$ " - 20 x $\frac{1}{2}$ " Hex Head Bolt
K	Mounting Bracket Stud



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NOTE: Do not use the $\frac{5}{16}$ " split lock washers and $\frac{5}{16}$ " - 18 Nylock nuts until the final mounting procedure.

4. Mark the position of the holes on the back of the mounting brackets and on the vehicle frame.
5. Remove the mounting brackets.
6. Drill a $\frac{3}{8}$ " diameter hole in the chassis frame at the marks transferred from the back end of the mounting bracket.

NOTE: These holes **MUST** be located accurately and to size so that the rear mounting bracket holes line up with the threaded inserts when the bracket is installed.

7. Install the threaded inserts into the $\frac{3}{8}$ " diameter holes in the chassis frame. Follow the instructions for installing the inserts provided with the installation tool.
8. Using the $\frac{5}{16}$ " - 18 x 1" hex head bolts, $\frac{5}{16}$ " flat washers, $\frac{5}{16}$ " split lock washers and $\frac{5}{16}$ " - 18 Nylock nuts, fasten the top of the mounting brackets to the back of the step well.

NOTE: Do not tighten the Nylock nuts securely until all fasteners are in place.

⚠ WARNING

Do not reuse the Nylock nuts; replace them with the provided Nylock nuts. Do not use wing nuts to permanently mount the brackets.

9. Attach the rear of the mounting bracket using two $\frac{1}{4}$ " - 20 x 1" hex head bolts and two $\frac{1}{4}$ " split washers.
10. Tighten all nuts and bolts.

Mounting the Step

1. It is recommended that all wiring to the step be established prior to attaching the step to the mounting brackets. Refer to the Owners Manual for instructions on wiring the step.
2. For installation, the step **MUST** be in the extended and out position. Follow the "Extending the Step" instructions for the installation procedures outlined in the Step Owners Manual.
3. Attach the step to the mounting bracket studs using the $\frac{5}{16}$ " flat washers, $\frac{5}{16}$ " split lock washers and the $\frac{5}{16}$ " - 18 Nylock hex nuts (Fig. 2). Tighten all nuts.

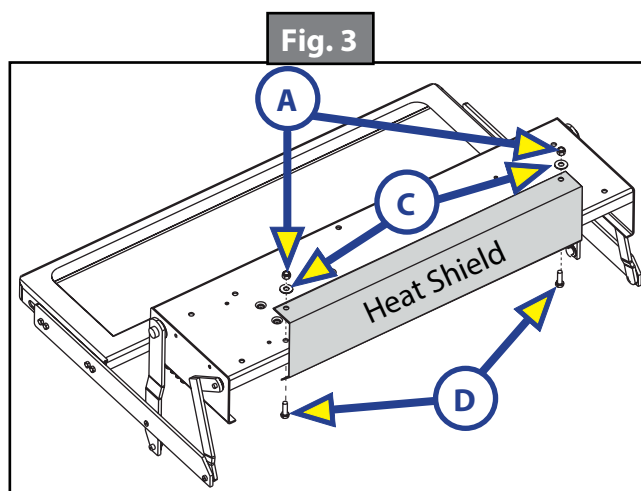
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4. On models that originally used the factory installed heat shield, attach the grap replacement heat shield included in the bracket kit. Attach the heat shield to the rear portion of the step top (Fig. 3), using the holes which are placed 23 ½" apart. Bolt the heat shield in place using two ⅝" - 18 x 1" hex head bolts and a ⅝" flat washer and ⅝" - 18 Nylock nut on each end.
5. Drill a ⅜" hole in the chassis frame to attach the step 12 gauge green ground wire. Scrape the paint from around the hole to guarantee a good ground connection.
6. Attach the braided ground cable to the vehicle frame. Use the ⅝" x 1" long sheet metal screw and ⅝" flat washer. Place the internal tooth lock washer supplied with the ground cable, between the cable and the frame.



NOTE: A good ground connection is essential for proper step operation.

7. Complete the step wiring as prescribed in the owners manual. Tie up and secure any loose wiring that may interfere with either the step or vehicle operation.

⚠ WARNING

12 volt automotive batteries contain sulfuric acid which can cause severe burns. Avoid contact with skin, eyes and clothing. 12 volt automotive batteries produce hydrogen gas which is explosive; keep cigarettes, open flames and sparks away from the battery at all times.

NOTE: To insure good metal-to-metal contact for the ground, scrape any paint and/or dirt from the area around the hole. Using the ⅝" x 1" sheet metal screw and the ⅝" flat washer, secure the 12 gauge green ground wire to the chassis frame. A good ground connection is required to insure proper step operation.



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