



THULE TO PROJECT 2000 STEP CHANGEOUT

This change is from the Thule step #512289-01 to the Project 2000 #512391 as the Thule step is no longer available

Tools Needed:

- 7/16" Socket
- 1/4" Drill Bit for holes on the forward bolts
- 3/4" Socket for Mounting Bolts
- 9/16" Socket with Extension
- 9/16" Wrench (for hanging brackets)

Parts Needed:

- Project 2000 Step 512391 Kit number
- Nylon Nuts 3/8-16 2 each 350147-37
- 3/8 Flat Washer 4 each 300111-3
- Bolt 3/8-16 x 3" Hex Gr5 2 each 345370-05
- Lock Washer 1/2"-13 9/16 id 2 each 300143
- Cap Screw Hex 1/2"-20x1.00" 2 each 345348
- Nut, Nylon Lock 5/16"-18 5 each 350147-25
- Bolt Hex HD 1/4-20 x 3/4in 5 each 345276-03



Simply start by removing original Thule step. You will need to lift the interstate into the air and coming from the underside removing all fasteners and brackets at the rear of the step and from behind the flare. Disconnect the wires going to the step leaving enough wire to connect into the new Project 2000 in the process below.

PROJECT 2000 INSTALLATION PROCEDURE:



Step 1: Remove the pop rivets from the outer fender flairs to allow for mounting of the new brackets.

CAUTION: Use care when removing the rivets so you do not damage the exterior finish.



Step 2: Install front rear mounting bracket to the structure on the underside of the chassis on main frame rail.



Step 3: The vertical support brackets will attach to the horizontal step housing bracket. At this time you will need to adjust forward or aft to align with the step opening on the exterior of the fender flair.

Shown w/housing bracket w/step already attached.



Adjustment bolt on housing to align with step opening.



1/2" Lip with 1/4 - #20 Bolt

Step 4: Now, fasten the housing bracket to the horizontal part of the van at the outer 1/2" lip using 1/4 - #20 bolts and nuts.

Step 5: Install step into housing at this point. Affix with the four fasteners supplied. Nut, Nylon Lock 5/16"- and washer



Step 6: Reattach fender flair by remounting brackets.

Installation Complete!



Mounting location of the electronic step controller. This is behind the clock close out. Remove 6 screws to gain access.

Wiring: From new Step Control to original wiring 512391-100

Section A:

1. White/Blue to New Relay Circuit #87
2. White/Yellow to New Relay Circuit #30
3. White/Red to Terminal
4. "New" White/Purple to Step Retract Switch (You must run this wire)
5. Not Used
6. To Contact Closed on Sliding Door Switch
7. Not Used
8. Not Used

Section B:

1. White/Purple to Red on Step Motor
2. Not Used
3. White/Orange to Black on Step Motor
4. Not Used
5. Not Used
6. Not Used

There are two attached Drawings on the next couple page DWG #952965S3 is the diagram for wiring the new system properly. DWG# 952923S3 is the original wiring for the Thule controls.

