

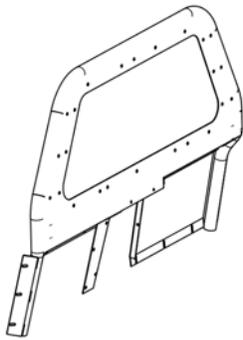
# **INSTALLATION GUIDE**

**2021 - CURRENT  
CHEVROLET TAHOE  
SPACE SAVER PLUS, VIPER SHIELD PARTITION  
PVSSP57XXT21A  
TRANSFER KIT  
TKVSSP57XXT21A**

**Pro-gard**<sup>TM</sup>  
PRODUCTS LLC.

**STRONG. RELIABLE. SECURE.**

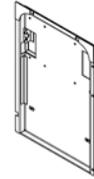
**THESE COMPONENTS ARE REQUIRED  
TO INSTALL THE PARTITION**



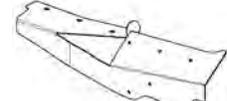
3P8101-V



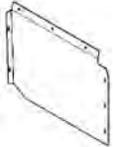
4PAK572190



VSHA002



3PAK572116



3LEP572101



3REP572100



3LEP572104



3LEP572106



3LEP572105



3PAK572113

**I. The following tools will be required to complete the installation**

- |                    |                     |                            |
|--------------------|---------------------|----------------------------|
| A. 3/16" drill bit | D. 1" hole saw      | G. 7/16" open ended wrench |
| B. 3/8" socket     | E. 3/16" hex wrench | H. Trim removal tools      |
| C. Centering punch | F. 7/16" socket     |                            |

**II. Read all instructions and refer to the Parts List to ensure all parts were received.**

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**WARNING:** *Locate all wiring, fuel lines, brake lines, coolant lines, and refrigerant lines before drilling any holes or installing any self-drilling fasteners.*

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**III. B-Pillar Bracket Installation**

- Remove the middle B-pillar trim panel from the center of the B-pillar by pulling. Do this on each side of the vehicle. It may be necessary to pop the bottom of the upper trim panels out in order to get the locator tab on the B-pillar Brackets into their proper locations.
- Place the Passenger B-pillar Bracket [3PAK572110] against the vehicle B-pillar with the locator tab in the bottom of the slot indicated in Figure 1. Ensure that the seatbelt is underneath the bracket.
- Secure the B-pillar bracket in place with a 3/8" socket and (4) self drilling screws [3X162]. The holes can be pre-drilled with a 3/16" drill bit if necessary.
- Repeat on the driver side using the Driver B-pillar Bracket [3PAK572111] and the remaining (4) self drilling screws [3X162].

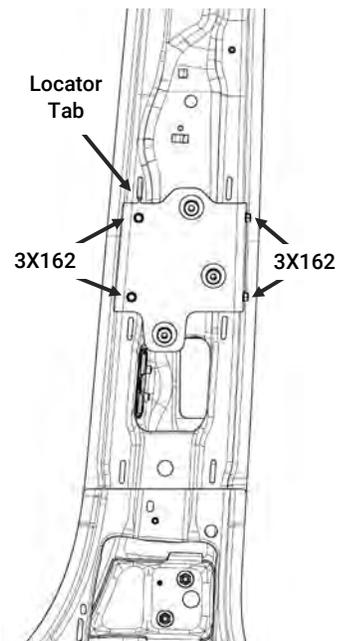


Figure 1

## IV. B-pillar Trim Modification and Reinstallation

- A. Use the template supplied on the last page to mark the three hole locations in each of the lower B-pillar trim panels.
- B. Using a 1" hole saw, drill the holes marked in the previous step.
- C. Reinstall the B-pillar trims overtop of the B-pillar Brackets.

## V. Mounting Plate Installation

- A. Locate the Passenger Mounting Plate [3PAK572116] and (3) 5/16-18 button head screws [3X149].
- B. Align the (3) holes in the plate with the (3) standoffs protruding through the B-pillar trim and loosely secure with the button head screws. These fasteners will be tightened in a later section.
- C. Repeat on the driver side using the Driver Mounting Plate [3PAK572113] and the (3) remaining button head screws [3X149].

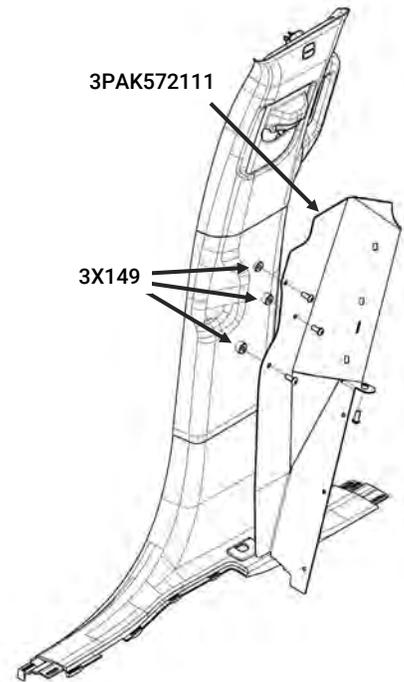


Figure 2

## VI. Partition Installation

**NOTE:** Due to the size and weight of the partition it is recommended that two people lift and position the partition in the vehicle.

- A. Prepare (3) carriage bolts [3X36] and (3) whiz nuts [3X16Z] on each side of the vehicle.
- B. To position the partition [3P8101-V], skew the partition such that one end is near either the driver or passenger front door completely in front of the mounting plate. Then bring the other end to the front side of the mounting plate as well. Finally, move the partition rearward in the vehicle. The partition will sit on the shelf flanges that are part of the mounting plates.
- C. Align the three uppermost holes in each of the mounting plates with the respective slots on the partition. Loosely secure in place with the fasteners prepared in step A. Install the fasteners such that the smooth head of the carriage bolt is facing towards the outside of the vehicle. The fasteners will be tightened in a later section.

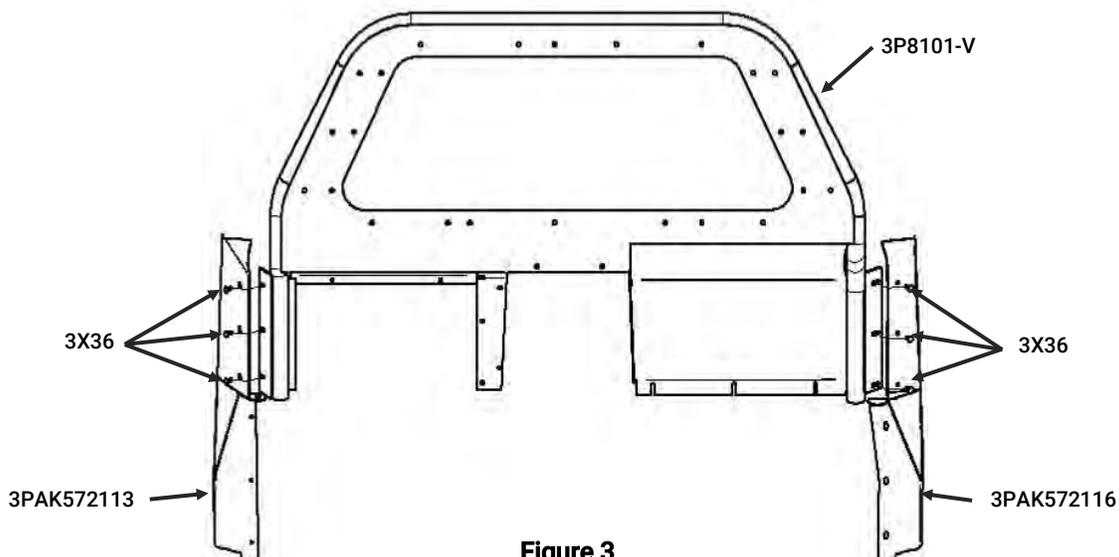


Figure 3

## VII. Lower Extension Panels

- A. Align holes of Viper housing frame backer [3LEP572104] on the top surface of the mounting plate. Loosley fasten using (2) carriage bolts [3X36] and whiz nuts [3X16Z] (Figure 4).
- B. Position Lower Extension Panel [3LEP572112] over passenger mounting plate and partition knee box aligning the (3) holes at the top of the panel and the (3) holes at mounting plate and loosely fasten using (6) carriage bolts [3X36] and whiz nuts [3X16Z] (Figure 4).

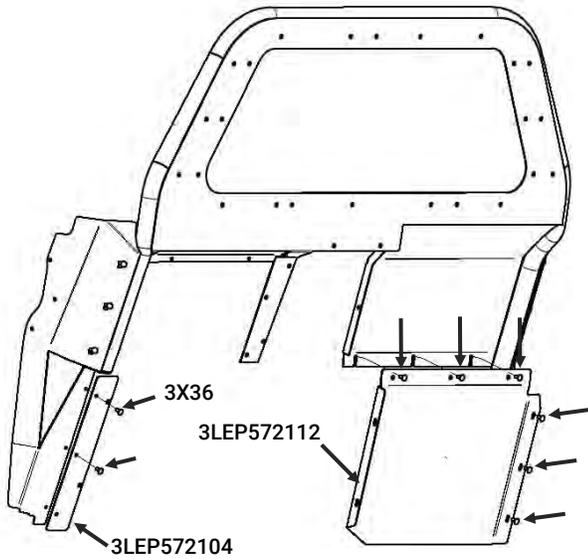


Figure 4

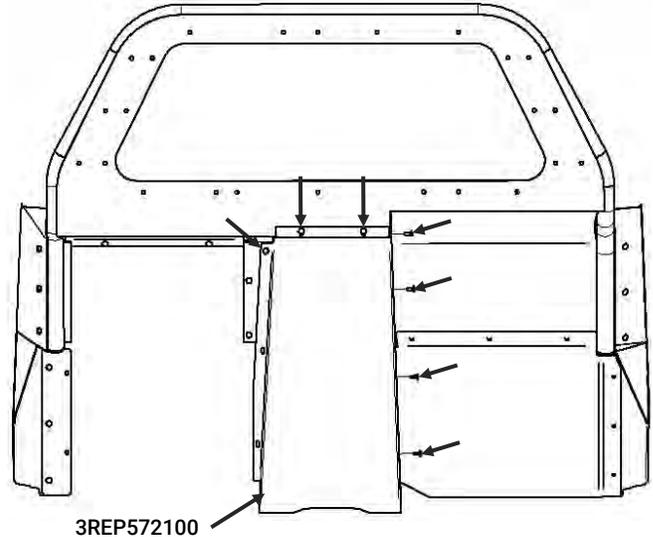


Figure 5

## VIII. Recess Panel and Viper Shield Housing

- A. Set the Recess Panel [3REP572100] against the partition and align mounting holes and fasten using (7) carriage bolts [3X36] and whiz nuts [3X16Z] at the side, top and flange (Figure 5).
- B. Fasten inner housing backer [3LEP572106] using (2) carriage bolts [3X36] and whiz nuts [3X16Z] (Figure 6).
- C. Install Viper shield housing [VSHA0001] using (5) carriage bolts [3X36] and whiz nuts [3X16Z], then add the Viper front retainer [3LEP572105] by fastening at the remaining (3) hole locations. (Figure 7).

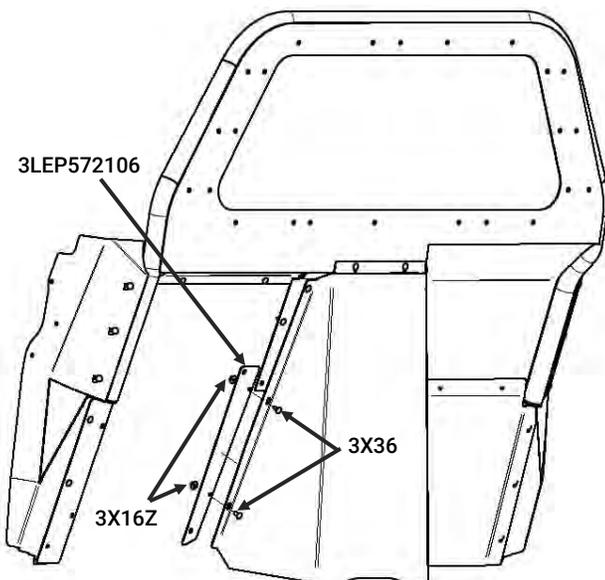


Figure 6

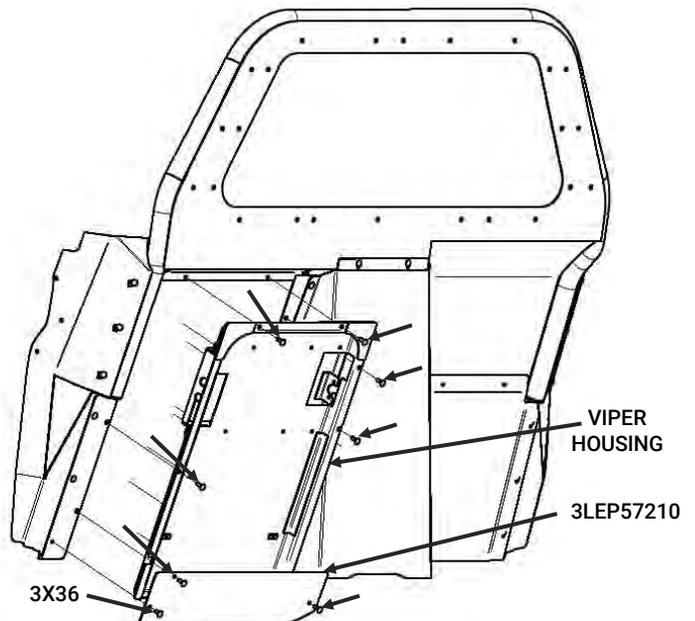


Figure 7

## IX. Tightening the Bolts

- A. Adjust the partition forwards or backwards until the tube is concentric with the shelf flange on both sides. Tighten the (6) fasteners holding the partition to the mounting plates using a 7/16" socket. These are the fasteners that were loosely installed in section VI, step C.
- B. Have a second person push forward on the top of the partition while the first person uses a 3/16" Hex wrench to tighten the (6) button head screws holding the mounting plates to the B-pillar brackets. These are the fasteners that were loosely installed in section V, step C. This step will slightly rotate the partition causing it to fit tighter against the headliner.
- C. Adjust the Lower Extension Panels to achieve the desired fitment and then tighten all the relevant fasteners using a 7/16" socket.

## X. Shield Installation



Figure 8



Figure 9



Figure 10

- A. Find a suitable location for the pull handle. Ensure the desired location allows for a minimum bend radius of 2.5" for the cable. The pull handle will release the viper shield latch when needed. We recommend mounting to the driver side mounting plate as shown (Figure 8).
- B. Hold handle in place and mark hole locations. Drill using a 9/32" drill bit and attach with the supplied hardware.
- C. Place the bottom of the ballistic shield into the housing and firmly push the top to latch. Pull the handle and ensure the pull mechanism releases properly (Figure 9).
- D. Place the shield back in place and firmly push it back in the housing until you hear the latch lock (Figure 10).

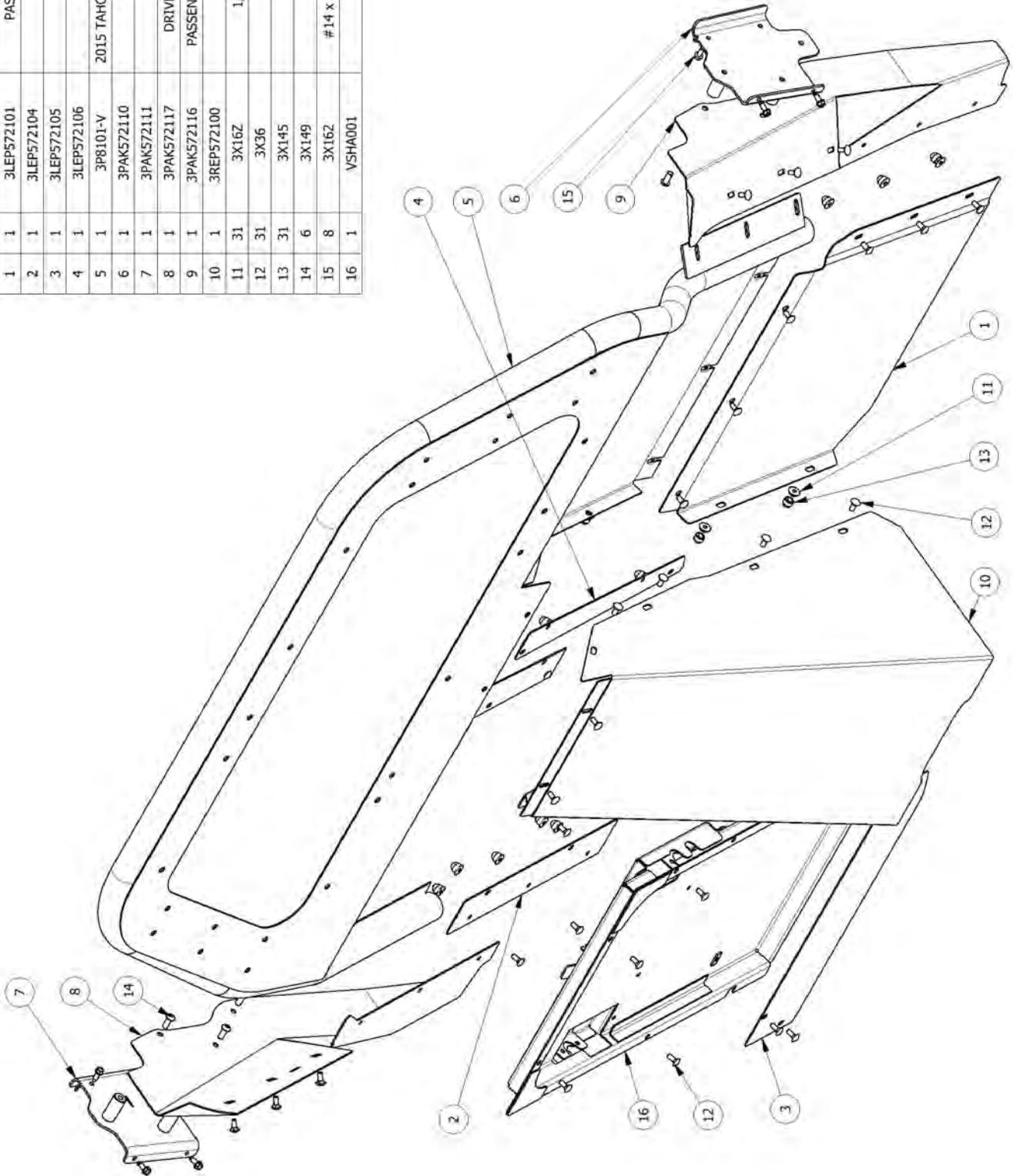
## XI. Finishing Steps

- A. Ensure all fasteners are tight and all panels secure.
- B. Install the wings according to the instructions included with them.
- C. Place plastic caps [3X145] over all fasteners protruding from the partition.

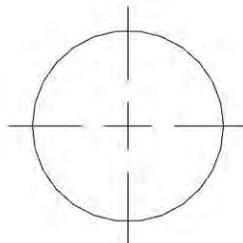
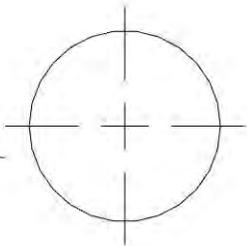
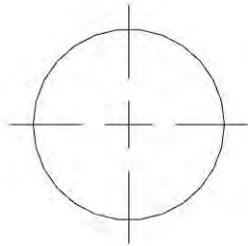
**Installation complete**

PARTS LIST			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	3LEP572101	PASSENGER LOWER EXTENSION PANEL
2	1	3LEP572104	VIPER HOUSING OUTER
3	1	3LEP572105	VIPER FRONT RETAINER
4	1	3LEP572106	VIPER HOUSING BACKER INNER
5	1	3P8101-V	2015 TAHOE VIPER SHIELD SPACE SAVER PARTITION
6	1	3PAK572110	PASSENGER B-PILLAR BRACKET
7	1	3PAK572111	DRIVER B-PILLAR BRACKET
8	1	3PAK572117	DRIVER SSP MOUNTING PLATE WELDMENT
9	1	3PAK572116	PASSENGER SS+ MOUNTING PLATE WELDMENT
10	1	3REP572100	RECESS PANEL
11	31	3X16Z	1/4-20 LARGE HEX WHIZ NUT-ZINC
12	31	3X36	1/4-20 X 5/8 CARRIAGE BOLT
13	31	3X145	BLACK PLASTIC CAP
14	6	3X149	5/16-18 X 3/4 BSHCS, BK
15	8	3X162	#14 x 3/4" SELF DRILLING HEX HEAD SCREW
16	1	VSHA001	VIPER SHIELD ASSEMBLY

If you have any problems with this installation or have any questions please call (800-480-6680) and ask for technical assistance.



2021 - Current  
Chevrolet Tahoe PPV / SSV



**Directions**

1. Cut and remove the hatched area.
2. Cut the solid lines to allow the template to sit in the ribs of the trim panel.
3. Place the template against the back side of the passenger side middle B-pillar trim.
4. Align as shown in the image locating primarily on the two middle clips and one of the upper clips.
5. Use tape to hold the template in place on the trim panel.
6. Use a small drill bit to drill through the center marks in the template and through the trim panel.
7. Remove the template and drill the locations with a 1" hole saw.
8. Follow steps 3 through 7 for the driver side by flipping the template over and drilling through the holes created in step 6.

