

INSTALLATION GUIDE

P1000UINT13AOSB

2013 - 2019 FORD POLICE

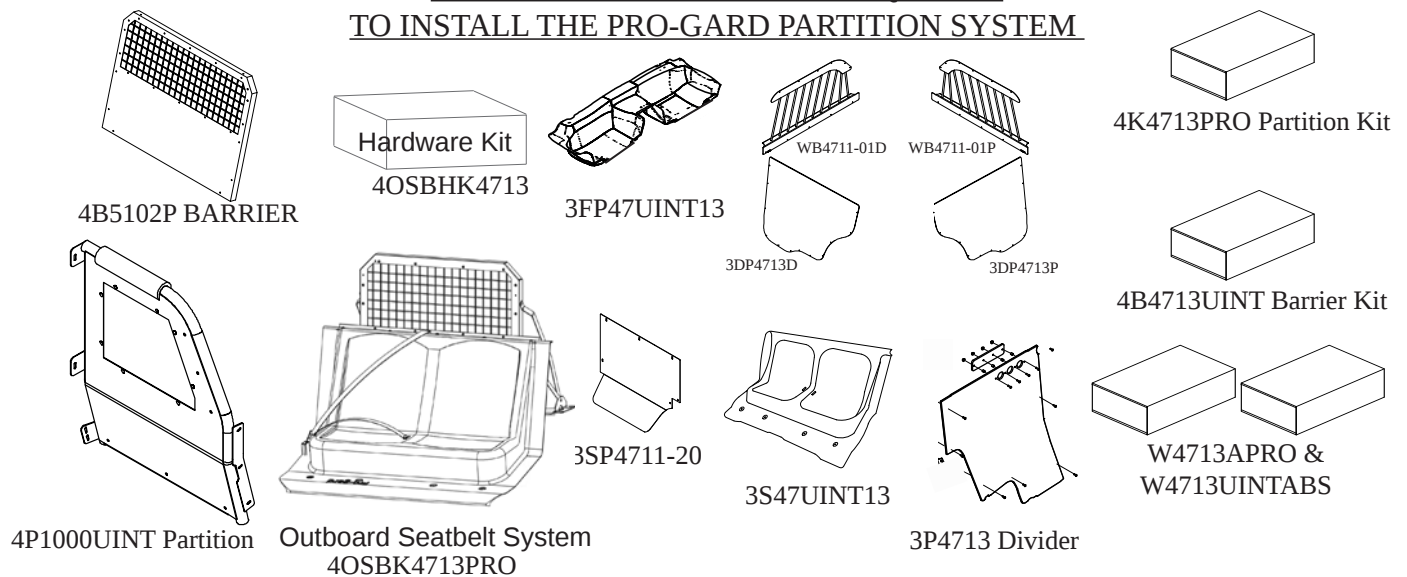
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THESE COMPONENTS ARE REQUIRED
TO INSTALL THE PRO-GARD PARTITION SYSTEM



I. Refer to the diagram on the last page of these instructions to verify all parts were received.

II. The following tools will be required to complete the installation.

- | | |
|--|----------------------------|
| A. 1/4" drive ratchet with 7/16" socket | G. 3/16" Allen key |
| B. 3/8" drive ratchet and 6" extension with 15mm and 18mm socket | H. 1" Hole saw |
| C. Drill with 5/16" diameter bit | I. Drill with 3/8" Socket |
| D. Phillips Screw Driver | J. 7/16" End Wrench |
| E. 11/16", 9/16" and 3/4" sockets | K. 1/2" drill bit w/ drill |
| F. T-45 Torx Bit | L. Saw |
| | M. 5/32 Allen Wrench |

III. Read all instructions carefully before starting the assembly process.

NOTE: *Locate all Wiring, Fuel lines, Brake lines, Coolant lines and Refrigerant lines before drilling holes or installing self-drilling fasteners.*

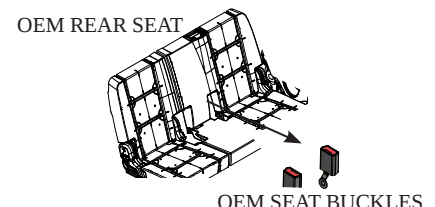
IV. Remove OEM Rear Seat

A. Locate the four OEM seat rear mounting bolts, they are located at the rear of the OEM rear seat under the Load Floor Access Panel. Using a 18mm socket wrench remove the nuts from the OEM studs. Next, remove the four OEM nuts and the four OEM bolts secure the front of the OEM rear seat to the vehicle.

B. Remove the two center OEM seat belt buckles from the OEM seat (See Fig. 1) Fig. 1

V. Cargo Barrier Installation.

A. The Cargo Barrier (3B300), Barrier Mounting Hardware (4B4713UINT), and Barrier Filler Wings (W4713UINTABS) are marked and packed in separate boxes. Install the Cargo Barrier components according to their included Install Instructions.



VI. Floor Pan Installation

- A. Place the ABS Floor Pan in the vehicle, making sure that there are no objects underneath of it. Insure that the Floor Pan is all the way back and down against the rear seat area.

Note: *The Floor Pan goes under the B-pillar trim and flush against the rear scuff trim.*

VII. Seatbelt Support Bracket & Cross Bar Installation.

- A. After the barrier has been completely installed, then proceed by attaching the (3OSB4715-07) lower and (3OSB4715-01) upper support bars. (As shown in Fig. 2) Use the two (3X114) 3/8 bolts and (3X170) nuts secure the support bars together.

Insert lower support bar with cross bar and bolt together

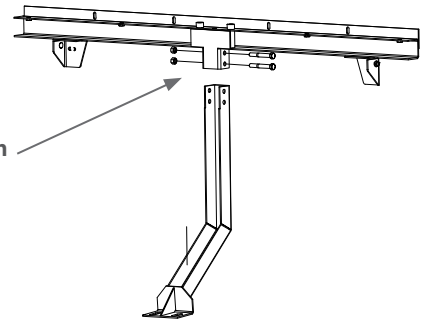


Fig. 2

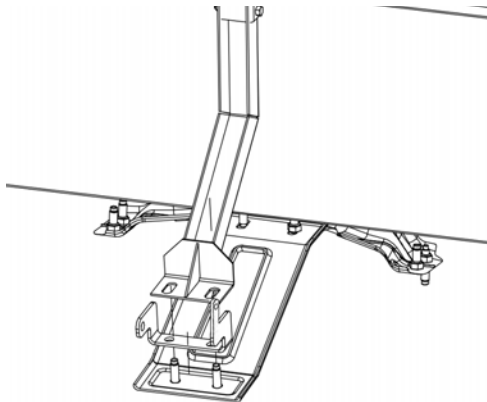


Fig. 3

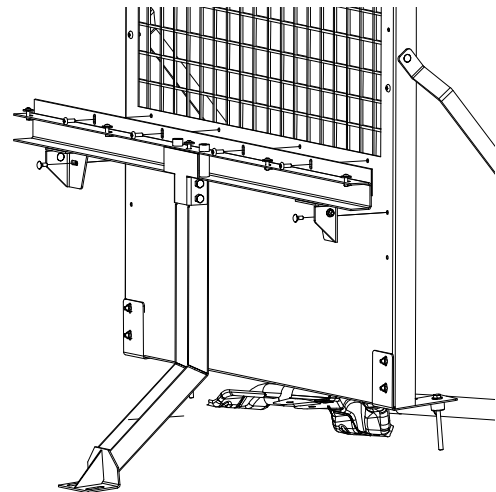


Fig. 4

- B. Use 3X06 screws to hold the outboard seat belt cross bar to the barrier. Next, the (3OSB4715-05) seat belt bracket will get sandwiched between the support bar and x-member threaded studs. Remove the OEM nuts on the threaded studs attached to the x-member and insert the support bar into the vehicle and bolt to the barrier as shown in Fig. 3 and Fig. 4. Place OEM nuts back onto the threaded studs and secure tightly.

- C. Next, place the two (3OSB4715-04) bottom foot brackets at the lower section of either end of the barrier. The two nuts previously installed will need to be removed and reinstalled with the foot brackets on each side. (See Fig. 5)

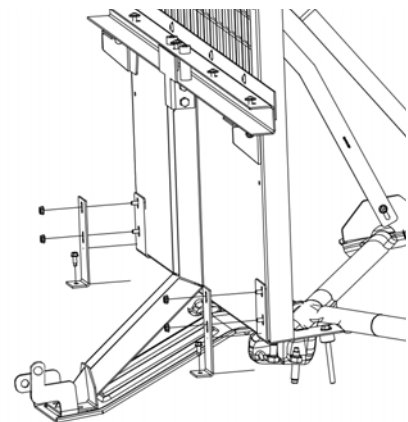


Fig. 5

- D. Now the (3OSB4715-03) barrier support brackets can be attached to the cross bar and barrier. The (3X16Z) nuts in the rear cargo area can be removed and the support bracket installed with bolts at the lower cargo area and upper barrier holes. (See Fig. 6)

VIII. Seat and Seat Belt Installation.

- A. First, flip the (3S47UINT13) transport seat upside down and use the provided template on the back pages to cutout the passenger-side seat belt area for installation. Then install the (3OSB109RP) lower seat belt buckle on the passenger side. Use the (3OSB4715-06) buckle L-bracket and (3X174 & 3X176) bolt & nut to fasten these to the original OEM belt buckle location at the lower part of the C-pillar. (See Fig. 7 or 8) Tuck the OEM belts behind the trim to hide.

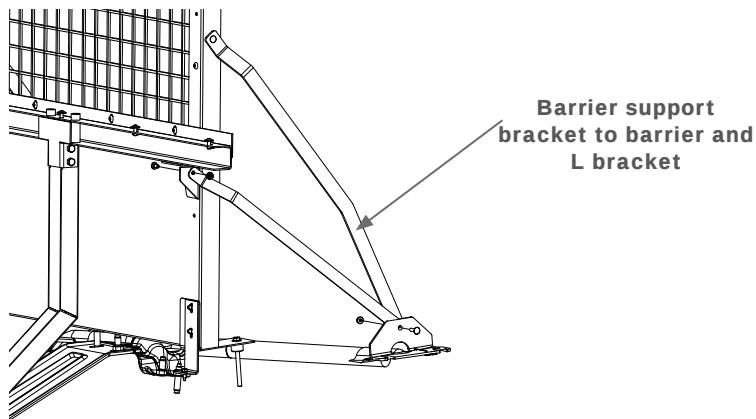


Fig. 6

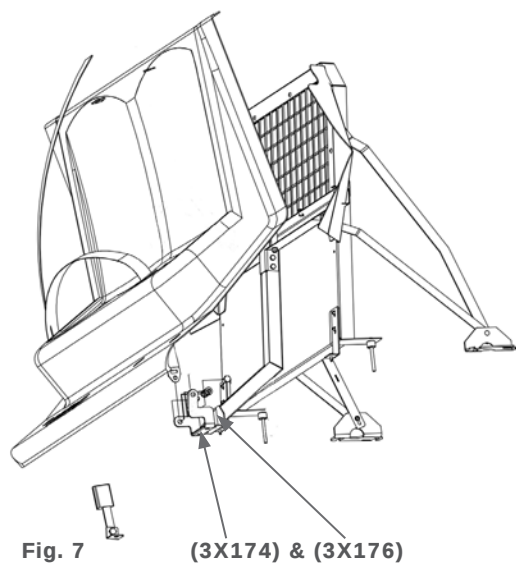


Fig. 7

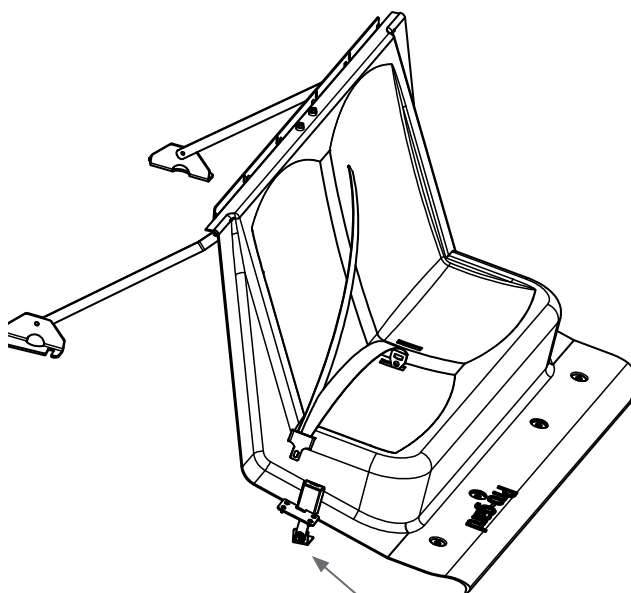
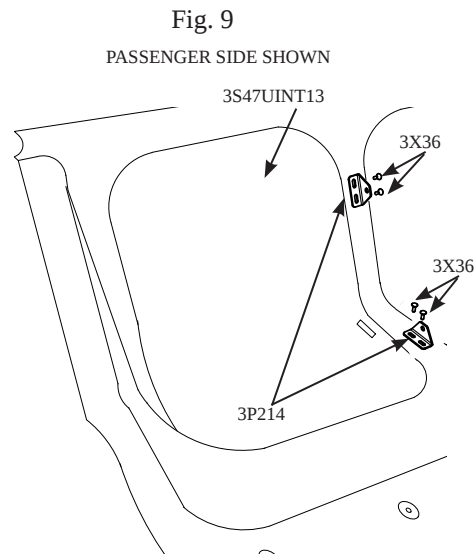


Fig. 8

B. Attach the (3P214) Divider Mounting Brackets using the supplied bolts (3X36) and whiz nuts (3X16Z), before installing the seat in to the vehicle. There are dimples in the seat marking the location for the holes to be drilled. (See Fig. 9)

C. Next, place the seat in the vehicle loosely and pull the (3OSB001) seat belt through the passenger side hole in the seat to the (3OSB4715-05) mounting bracket. Be sure to feed the (3S5001) rubber grommet through the seat belt on the top side. Place bolts through the seat belt mounting point to see how they line up with the seat. Quickly test the seat belts and do any adjustments needed before bolting in place.

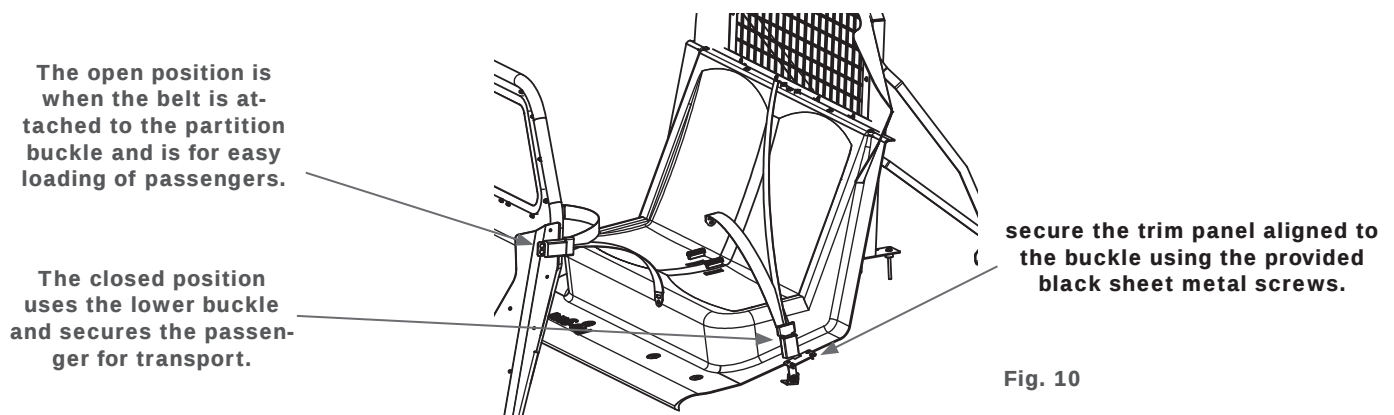


D. The seat belt is mounted in two places by the supplied bolts. One mounting point is in the center of the vehicle coming off of the seat belt bracket attached to the x-member. The other is at the top of the cross bar where the stand off is located. Once the seat belt is fastened to these locations then the seat can be secured in place. Make sure the belt pull straps go down across the chest when installed.

E. The seat is secured by using the (3X223) 5 bolts and (3X12) washers at the top of the seat and the (3X222) 4 bolts and (3X224) washers at the floor of the seat.

F. Locate partition buckle on the partition drill two 1/4" holes one at each end of the slot opening, and attach with the provided fasteners. This allows the seat belt to be placed in the open position. The open seat belt position allows the user easy access while loading passengers in the back seats. The seat belt needs to be fastened in the closed position when transporting passengers by using the (3OSB109RP) lower buckle just below the C-pillar area. Bolt the small black trim panel (3OSB4715-11) in place next aligned with the seat belt as shown to fill the gap. (See Fig. 10)

Note: This image is showing the driver side for reference. the actual install will be done on the passenger side in the same manner.



IX. B-Pillar Bracket Installation

- A. Remove Lower B-Pillar trim on the Passenger-side.
This will be reinstalled after bracket installation. (See Fig. 11)
- B. Place the Passenger B-Pillar bracket (3K4710P) against the B-Pillar face.
- C. Orientate the B-Pillar bracket so the locating tab fits into the Oval Pocket on the vehicle B-Pillar and the formed locating flanges wrap around the vehicle B-Pillar. Push over and up on the Bracket until the locating tab is at the top of the pocket and the flanges are tight against the vehicle B-Pillar edge. Insuring that the bracket is located correctly, using the supplied Self-Drilling screws (3X162) secure the B-Pillar bracket to the vehicle B-Pillar. (See Fig. 12A & 12B)

NOTE: *It is critical that the seat belt strap be on the “outside” of the B-Pillar bracket. Test the seat belt to confirm that there is no interference and that it functions properly.*

X. Drilling B-pillar Trim Panels

- A. Carefully align the template per their included instructions on to the Passenger-side trim panel. Using a 1” Hole Saw drill the clearance holes as marked on the template.
- B. Replace the trim panel, insuring that the standoff’s protrude through the panel. (See Fig. 13)

XI. Installing Partition Mounting Plates

- A. Attach the Passenger-side Mounting Plate (3K4711P) using the supplied 5/16-18 x 3/4” Button head screws (3X149) to the Standoff’s protruding through the B-pillar trim. Hand tighten fasteners only. (See Fig. 14)

FIG. 13
PASSENGER SIDE SHOWN

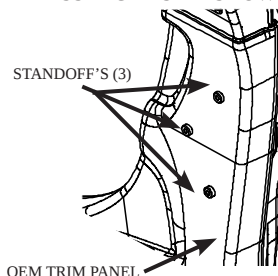


FIG. 11
PASSENGER SIDE SHOWN

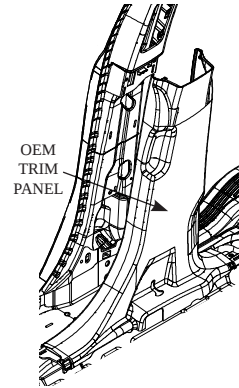


FIG. 12A
PASSENGER SIDE SHOWN

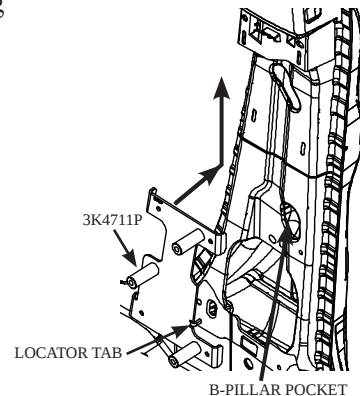


FIG. 12B
PASSENGER SIDE SHOWN

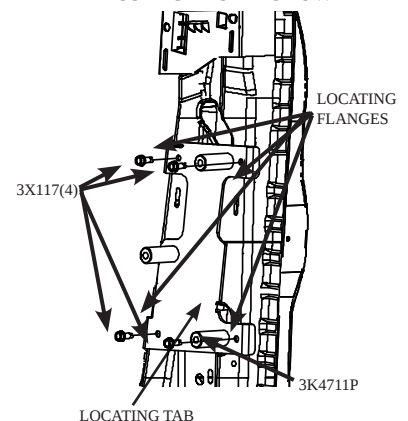
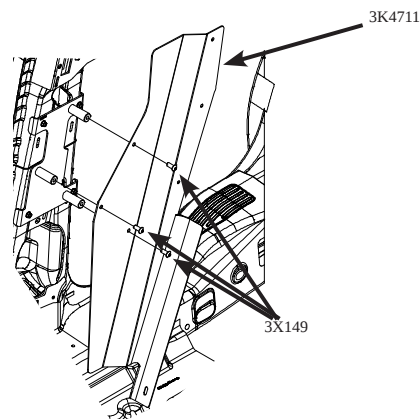


FIG. 14
DRIVER'S SIDE SHOWN



XII. Center Mounting Post Installation

- A. Remove the OEM Wiring Tunnel if present, by removing the two 8mm bolts on the rear of the OEM Console Mounting plate and the two fasteners holding the rear of the tunnel to the vehicle floor.
- B. Remove the OEM Console Mounting Plate by removing the rear two 8mm fasteners and the front two 8mm fasteners.
- C. Loosen the two OEM nuts holding the Console Mounting Bracket to the vehicle chassis.
- D. Place the Center Support Bracket under the Console Mounting Bracket and reverse steps A -C.

XIII. Partition Installation

- A. Due to the weight and size of the partition, assistance from another party is highly recommended. Insert the partition into the vehicle, lift and position the partition so that it aligns with the Partition Mounting Plate and the Center Support Bracket, using the supplied 1/4-20 x 5/8" Carriage Bolts (3X36) and 1/4-20 Whiz nuts (3X16Z) secure the Partition to the Mounting Plates. Hand tighten fasteners only.
- B. Audit the overall installation for fit and function of all components, insure all fasteners are tight.

XIV. Filler Wing Installation

- A. The Filler Wing and its mounting hardware are packed in separate box marked Wing Kit. Install the Filler Wing according to its included Install Instructions.

XV. Seat Protector Installation

- A. The Seat Protector and its mounting hardware are packed in separate box. Install the Seat Protector according to its included Install Instructions. (See Fig. 15 for reference)

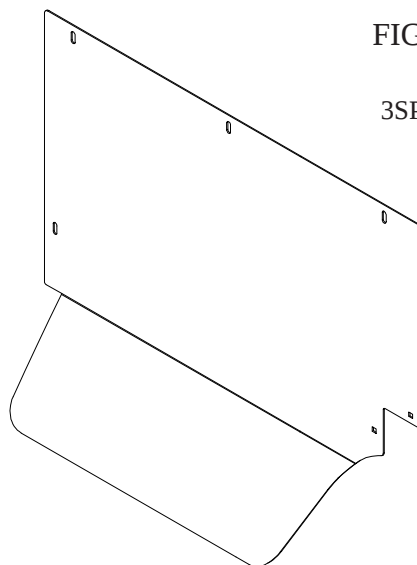


FIG. 15

3SP4711-20

XVI. Installing the Center Divider

NOTE: If installing in a vehicle with a wire raceway, then line up the divider with the wire raceway using it as a guide to mark the divider to cut it. When cutting make sure the dividers protective coating is on.

- A. Attach the 3G620 Bracket to the front of the Barrier at the top center of the window so the flat side of the bracket is toward the passenger side so the divider will mount flat against it. It may be necessary to drill a hole in the barrier in this location. (See Fig. 16)
- B. Assemble vent plate over 3 large diameter air holes. Use (black ABS) spacers between plate and center divider. Secure using the long, Phillips head screws, black whiz nuts, and black caps. (See fig. 17)
- C. Bring the divider in top first from the passenger side. Mate the rear edges to the seat belt attachment bracket and mounting brackets at the top of the seat and barrier. Now slide the divider toward the center of vehicle and against the four mounting brackets and the 3 tabs on the partition and the center support bracket. Push forward on the partition to make this easy. Mark all six mounting hole locations on the divider with a felt tip marker then remove the divider for drilling or drill in place if desired.
- D. Secure using the carriage bolts and whiz nuts provided.

XVII. Installing Barrier Filler Wings

- A. Install the Wing Mounting Brackets (3P929) to the “front” side of the filler wings, with the bend facing forward.
- B. Place the Filler Wing Assemblies against the front side of the Barrier, on top of and in front of the seat support bracket. Fasten the assemblies using the supplied bolts (3X92) and nuts (3X16Z). Insure that the Filler Wings can flex forward in the event of a crash. (See Fig. 16 Cargo Barrier)

NOTE: *Installation of the Filler Wings according to these instructions is critical in their ability to function properly in the event of Side Air Bag deployment*

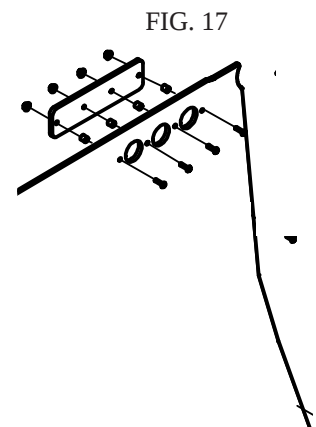
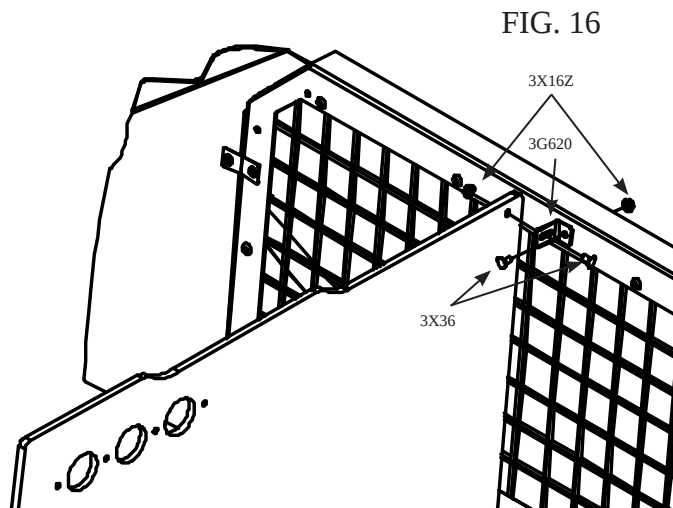


Fig. 18
PASSENGER-SIDE SHOWN

XVIII. OEM Door Panel Removal

- A. Remove the OEM door panel from the door frame. (See Fig. 18)

Note: Save the lower two OEM fasteners, as they will be reused in ABS Door Panel installation.

- B. Remove the power window switch from the door panel.
- C. Secure the door latch cable to the door frame so it will not rattle.
- D. Make sure the power window switch is connected to the harness, protect it from moisture and secure the harness inside the door frame away from the window travel.

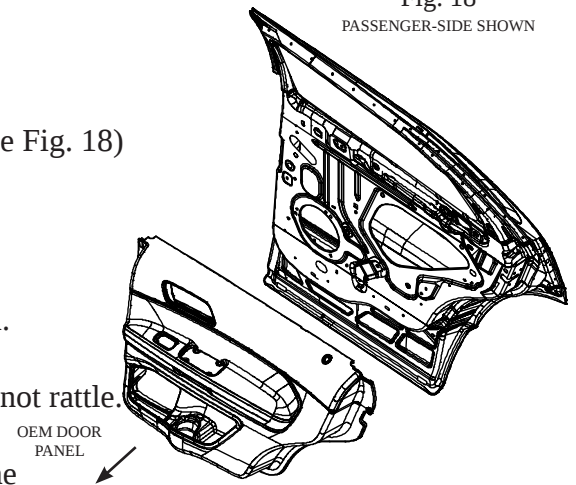
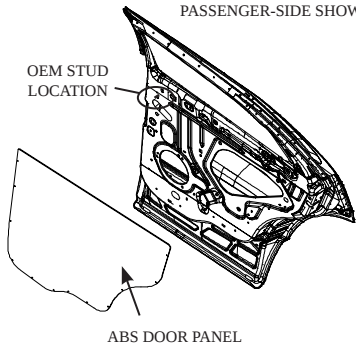


Fig. 19
PASSENGER-SIDE SHOWN

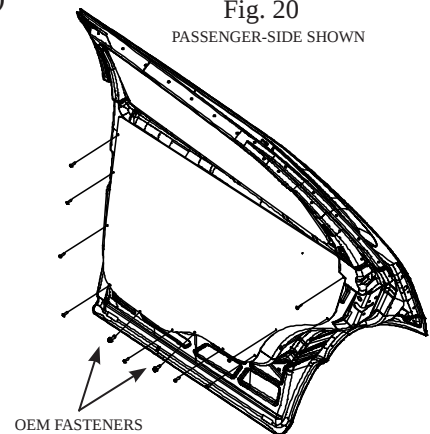
- E. Remove the top portion of OEM Stud (above nut) holding the window track into place. (See Fig. 19)



XIX. ABS Door Panel Installation

- A. Place the ABS Door Panel against the door and align and install the lower two OEM screws into the existing holes on the bottom of the door. (See Fig. 19 & 20)
- B. Attach the remainder of the door panel with #8 x 5/8 self tapping screws (Do not install screws in the 5 holes along the top until window armor has been installed)

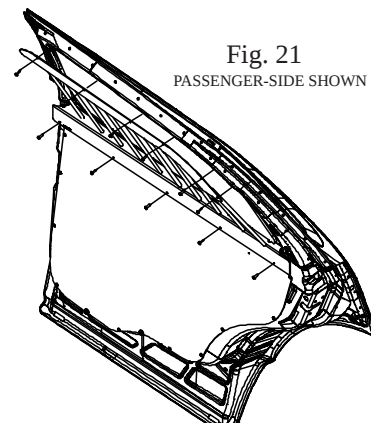
Fig. 20
PASSENGER-SIDE SHOWN



XX. Window Armor Installation

- A. Place the Window Armor on top of the rubber trim installed above. Center the outside of the metal mounting frame on the door side to side. (See Fig. 21)
- B. Align the holes in the top rail with the upper door frame. Ensure all holes line up with door frame before securing.
- C. Install the center lower screw first then install the upper plate screws. Followed by the remaining lower screws. The supplied screws are a Type A-self tapping but sometimes it is necessary to drill a 7/64" pilot hole.

Fig. 21
PASSENGER-SIDE SHOWN

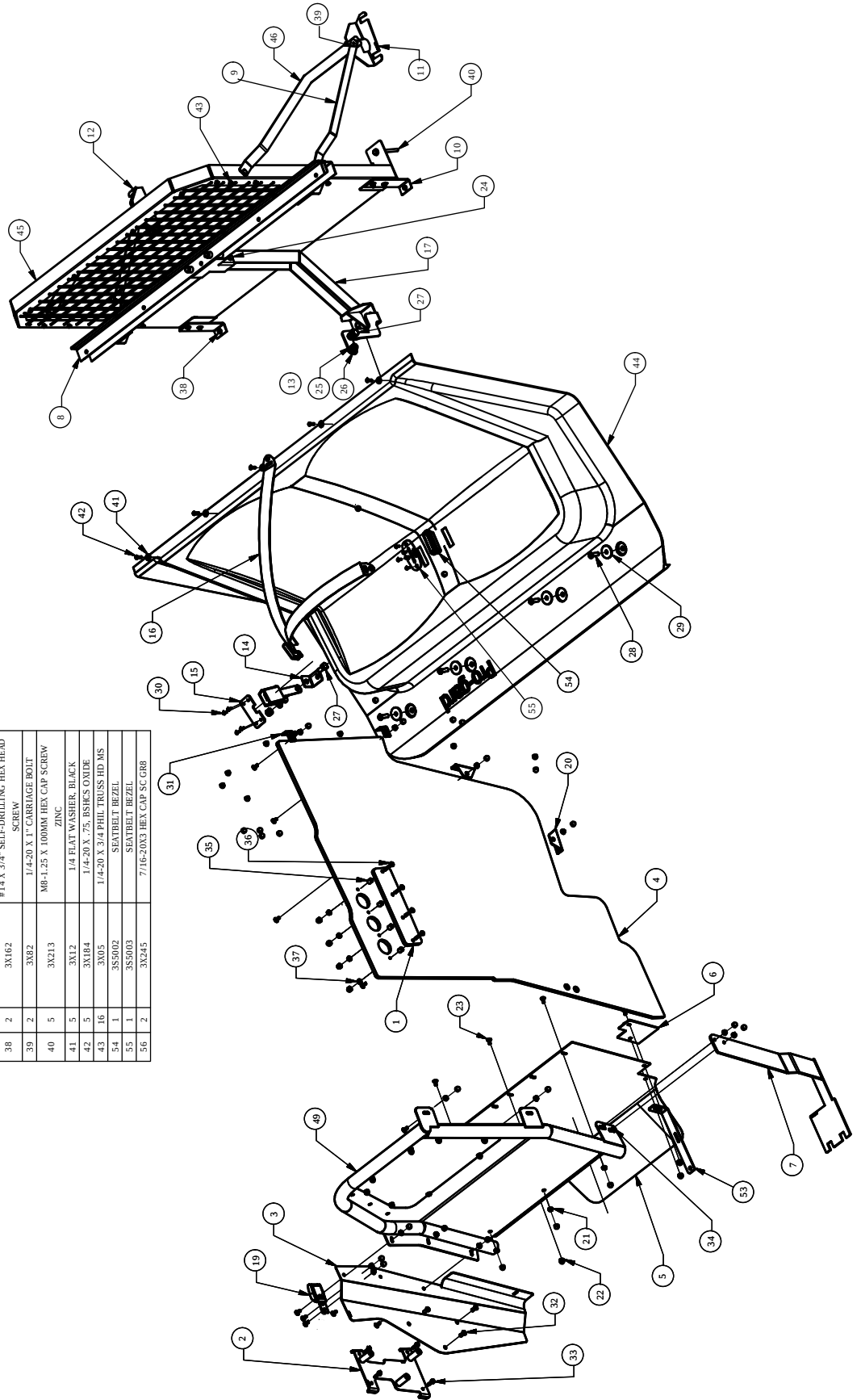


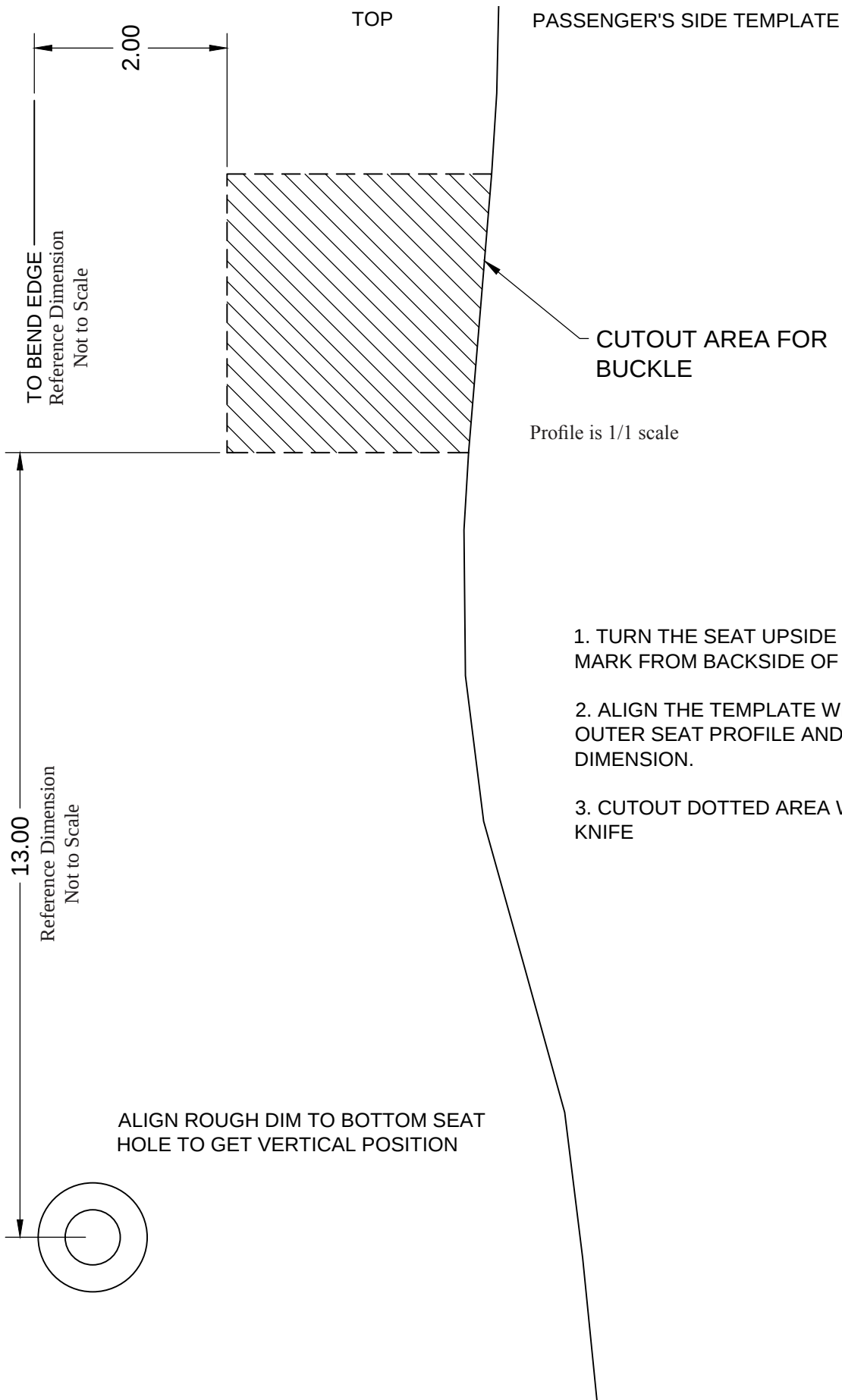
- XXI. Review the overall installation for fit and function. Tighten all fasteners. **Installation is complete.**

FABRICATED PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	DIVIDER VENT PLATE
2	1	E-PILLAR BRACKET
3	1	LOWER SHEET METAL PANEL
4	1	PRO-CELL DIVIDER
5	1	SEAT PROTECTOR
6	1	SEAT PROTECTOR FILLER PANEL
7	1	CENTER SUPPORT BRACKET
8	1	MAIN UPPER WELDMENT
9	2	BARRIER SUPPORT BRACKET
10	2	BARRIER L BRACKET
11	1	SUPPORT BAR BRACKET DRIVER
12	1	SUPPORT BAR BRACKET PASSENGER
13	1	SEAT BELT BRACKET
14	1	SIDE L BRACKET
15	1	SEAT CUTOUT COVER
16	1	3 POINT SEATBELT HARNESS
17	1	MAIN WELDMENT LOWER
19	1	PARTITION BUCKLE

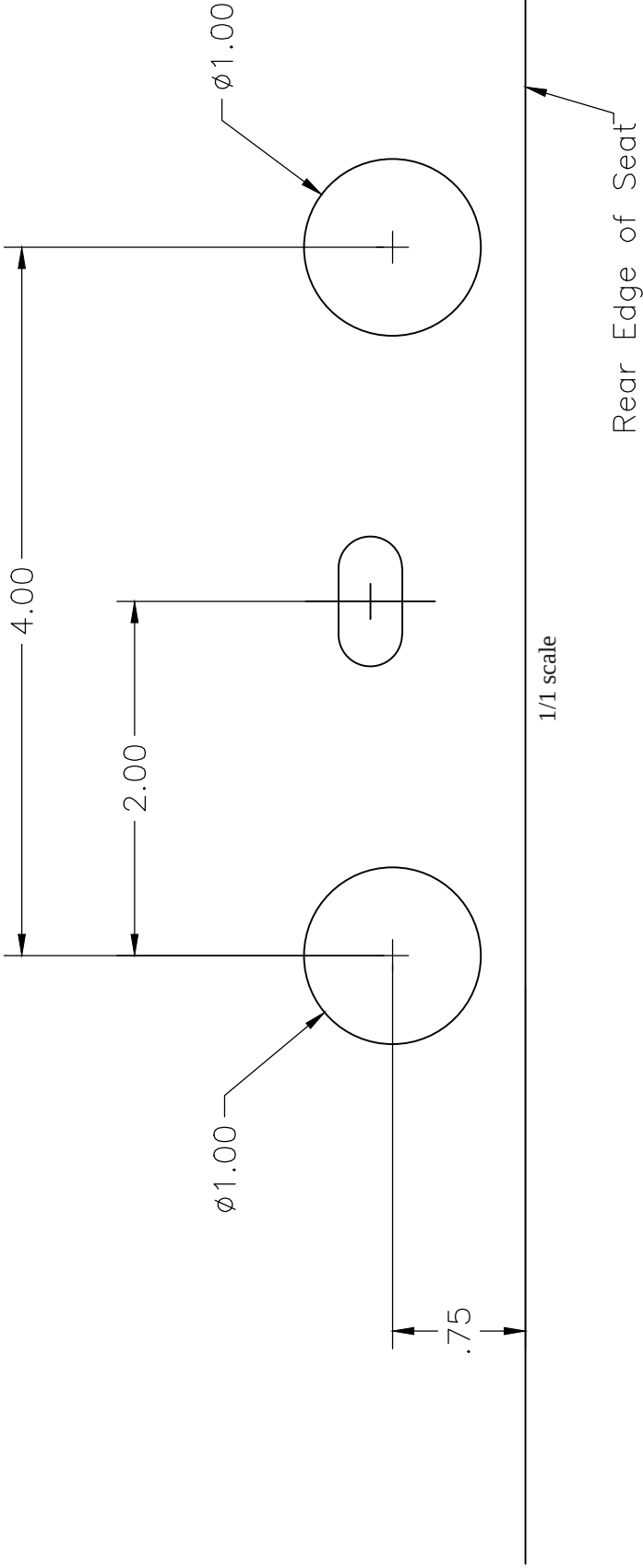
HARDWARE LIST		
ITEM	QTY	DESCRIPTION
20	2	DIVIDER MOUNTING BRACKET
21	39	1/4-20 WHIZ NUT
22	51	BLACK PLASTIC CAP
23	37	1/4-20 X 3/4 CARRIAGE BOLT
24	2	3/8-16 X 2.75, HEX CAP SCREWS, GR 8, YZ
25	3	1/2 - 13 NUT, GR 8, BLK ZN/C
26	3	1/2" WSHR, SPLIT LOCK, BLK ZN/C
27	3	1/2-13 X 1" HHCS, GR 8, BLK ZN/C
28	4	M10 X 1.5 X .33MM BHCS
29	4	3/8 X 1 1/2 WASHER
30	24	8-32 X 3/8 PHIL PAN HD MS
31	2	UPPER DIVIDER BRACKET
32	3	3/16 - 18 X 3/4 BSHCs, BK
33	4	1/4-14 X 1" SELF DRILLING SCREW
34	10	3/61
35	4	465070P1
36	4	1/4-20 X 1-1/2 PHIL TRUSS HD MS
37	4	1/4-20 WHIZ NUT BLK
38	2	1/4-20 X 1" CARRIAGE BOLT
39	2	1/4-20 X 1" CARRIAGE BOLT
40	5	1/4-20 X 1" CARRIAGE BOLT
41	5	1/4 FLAT WASHER, BLACK
42	5	1/4-20 X .75 BSHCs ONDE
43	16	1/4-20 X 3/4 PHIL TRUSS HD MS
54	1	SEATBELT BEZEL
55	1	SEATBELT BEZEL
56	2	7/16-20X3 HEX CAP SC GR8

ADDITIONAL REQUIRED PARTS		
ITEM	QTY	DESCRIPTION
44	1	TRANSPORT SEAT
45	1	BARRIER SMALL W/ POLY WINDOW
46	1	BARRIER KIT UNIT
47	1	WINDOW BARS (DRIVER & PASSENGER) *NOT SHOWN*
48	1	DOOR PANELS (DRIVER & PASSENGER) *NOT SHOWN*
49	1	PARTITION PRO-CELL UNIT 13
50	1	UNIT FLOOR PAN *NOT SHOWN*
51	1	WING KIT UNIT PRO-CELL 1/2 CAGE *NOT SHOWN*
52	1	WING KIT BARRIER ABW SEAT *NOT SHOWN*
53	1	RIGID PARTITION BRACKET





Seat Top Holes Template

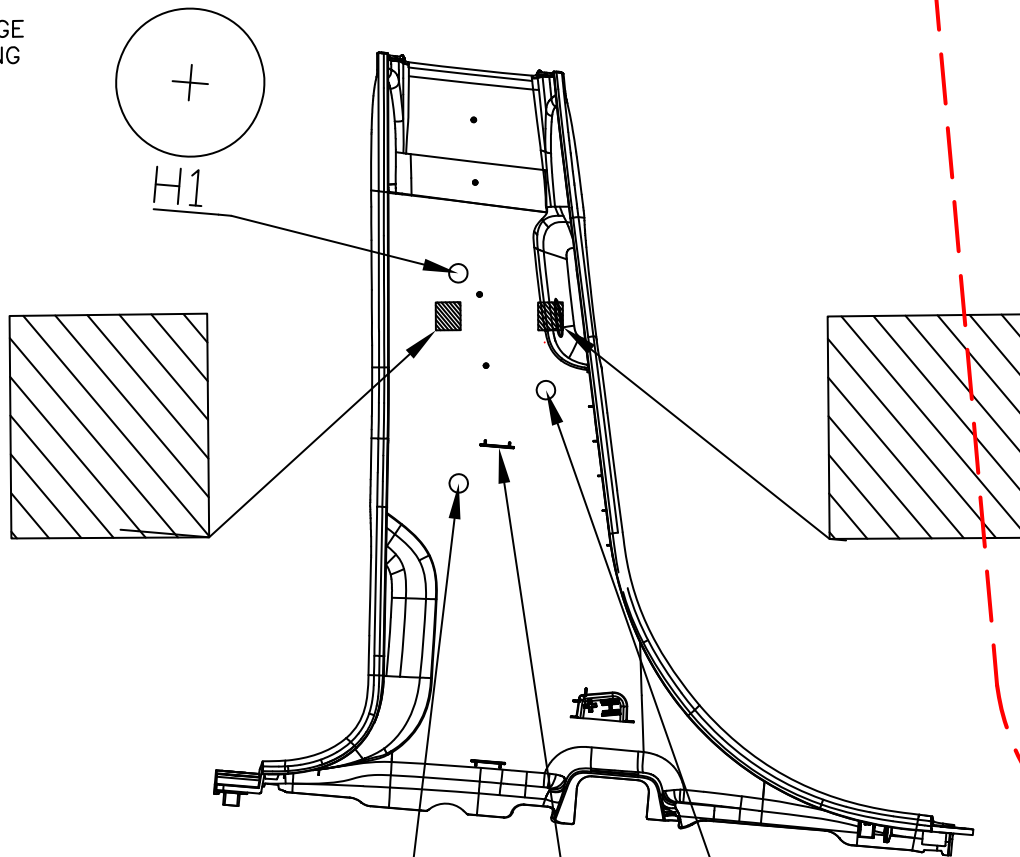


1. Locate the center slot on the top of the seat.
2. Align the template with the seat.
3. Mark and drill 1.00” holes as shown.

← 1.00 →

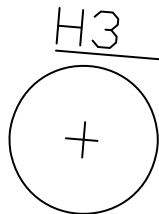
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DIRECTIONS

1. CUT ALONG DASHED LINES
2. CUT OUT HATCHED AREAS
3. ALIGN CUT OUT AREAS WITH THEIR CORRESPONDING BOSS ON OEM B-PILAR TRIM PANEL
4. CENTER PUNCH 3 HOLE LOCATIONS THRU TEMPLATE & DRILL/CUT 1" DIA. HOLE
- 5 REINSTALL B=PILARR TRIM PER INSTALL INSTRUCTIONS



2013-CURRENT
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B-PILLAR TRIM TEMPLATE-PASSENGER