



INSTALLATION GUIDE

**2020 - CURRENT
FORD POLICE INTERCEPTOR UTILITY
P1300 PRO-CELL
P1300UINT20AOSB**

Pro-gardTM
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.

**THESE COMPONENTS ARE REQUIRED
TO INSTALL THE P1300 PRO-CELL**



4PAR472050



4PAK472050



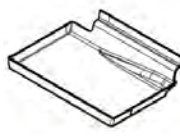
4BAR472001



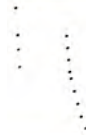
4BAK472002



3TRS472080



3FLP472033



4DIK472000



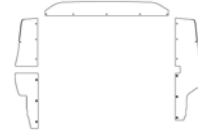
3DIV472005



3DRP472000



4TRK472050



4WIK472002



4WIK472009



3RWA472001



4DRK472050

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

- | | | |
|--------------------|---------------------|----------------------------|
| A. Centering punch | I. 5/8" socket | Q. 7/32" hex wrench |
| B. 3/16" drill bit | J. 8mm socket | R. T25 Torx driver |
| C. 9/32" drill bit | K. 10mm socket | S. T55 Torx driver |
| D. 1" hole saw | L. 13mm socket | T. 7/16" open ended wrench |
| E. 1.25" hole saw | M. 18mm socket | U. 1/2" open ended wrench |
| F. 3/8" socket | N. 3/32" hex wrench | V. #2 Phillips driver |
| G. 7/16" socket | O. 5/32" hex wrench | W. #3 Philips screw driver |
| H. 9/16" socket | P. 3/16" hex wrench | X. Trim removal tools |

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

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

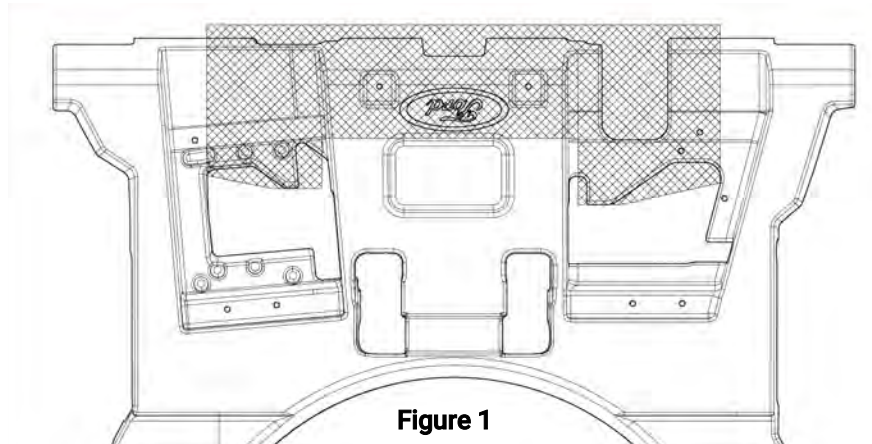
III. Vehicle Teardown and Preparation

A. Remove OEM Components

1. Lift the rear section of the load floor out of the vehicle. Use a T55 torx driver to remove the two fasteners from the front section of the load floor and remove it as well.
2. Use an 8mm socket to remove the two bolts from the rear foam sections then remove the rear foam sections. Unclip the auxiliary power and wiring bracket and remove the front foam section.
3. Remove the OEM second row passenger side and center seats. The center seat must be removed for access and will be re-installed at a later point.
4. Remove the front and rear passenger side door sill scuff plates.
5. Remove the passenger side lower B-pillar trim. There is (1) vertical clip in each of the front and rear sill areas. The remaining clips are horizontal on the B-pillar.
6. Remove or secure behind the C-pillar trim the passenger side second row seatbelt.

B. Modify OEM Components

1. Locate the front foam section and remove the area hashed in Figure 1. This will allow clearance for the lower barrier brackets and access to the rear bolts for the center seat.



2. Remove the OEM seatbelt buckle from the passenger side second row seat that was removed from the vehicle in the previous section. Plug the buckle back into the connector on the car and secure the buckle to the rear structure in such a way that it will not rattle. This buckle must remain plugged into the vehicle.
3. Use the template supplied on the last page to cut the rectangular slot in the rear door sill scuff plate. Follow the instructions on the template. This will allow the Outer Seat Bracket to protrude through the trim.
4. Locate the bundle of wires that is routed up the B-pillar. Remove the uppermost clip from the B-pillar making note of the slot it was inserted in. Remove the clip from the wire bundle to prevent rattles.
5. Use the template supplied on the second to last page to drill the three hole locations in the passenger lower B-pillar trim panel. Follow the instructions on the template. Do not mark or drill the driver side trim. These holes allow the B-pillar bracket to protrude through the trim.

IV. Barrier Installation

A. Prepare the Barrier

1. Locate the Barrier [4BAR472000 or 01] and mark the holes required for the Lower Divider Brackets as shown in Figure 2a. Drill with a 9/32" drill bit then deburr the holes.
2. Using a #3 Phillips screwdriver and a 7/16" wrench, install the (2) Lower Divider Brackets [3DIV472050] with (4) [3X05A] 1/4-20X7/8" screws and (4) [3X612] 1/4-20 black whiz nuts (Fig 2b).

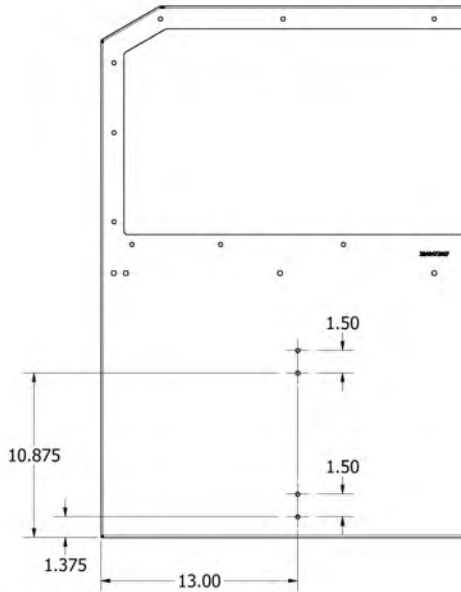


Figure 2a

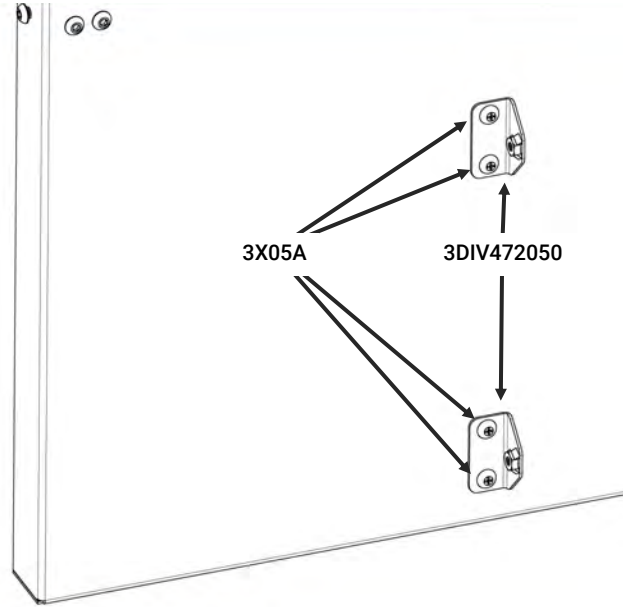


Figure 2b

3. Locate the Mother OSB Bar [3OSB472050], the Daughter OSB Bar [3OSB472051], (8) [3X611] 5/16-18X7/8" button head screws, and (8) [3X619] 5/16-18 whiz nuts. Loosely install the bars in the orientation shown in Figures 3a and 3b omitting the fastener that does not yet have a through hole as noted. The small side of the through holes in the bars goes against the barrier and the whiz nuts go on the back side of the barrier. Ensure the small holes for mounting the seat on the Daughter OSB Bar are facing upwards.
4. Use the bars as a template to drill a 21/64" or Q size hole through the barrier in the indicated location. Loosely install the final fastener in the hole just drilled.

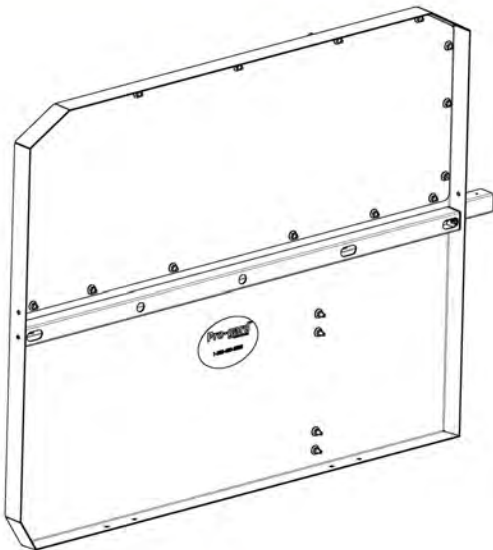


Figure 3a

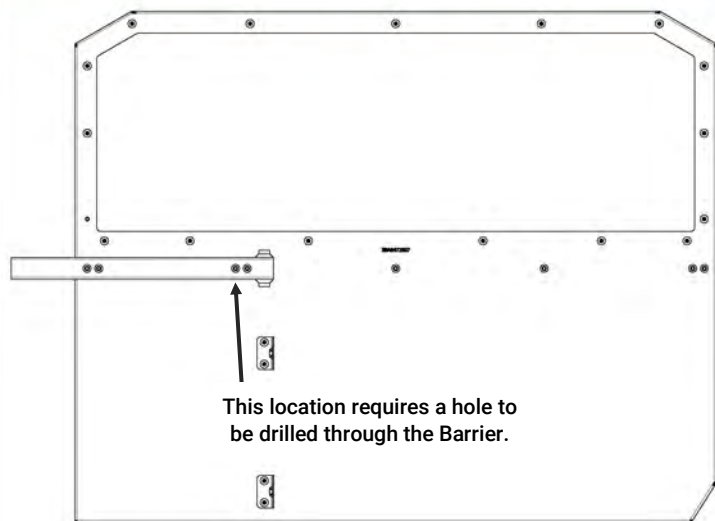


Figure 3b

5. Locate the Driver Wing Support Bracket [3BAR472014], (1) Barrier Diagonal Support [3BAR472008], (2) [3X611] button head screws, and (1) [3X619] whiz nut. Loosely install these components as shown in Figure 4.
6. Repeat step 5. for the passenger side using the Passenger Wing Support Bracket [3BAR472013], the remaining (1) Barrier Diagonal Support [3BAR472008], (2) [3X611] button head screws, and (1) [3X166] whiz nut.
7. Referring to Figure 5, loosely install the Upper Divider Bracket at the bottom of the window using the fastener that was already present in the window. Loosely install the Upper Divider Bracket at the top of the window using the provided longer fastener [3X05A] from kit [4DIK472000].

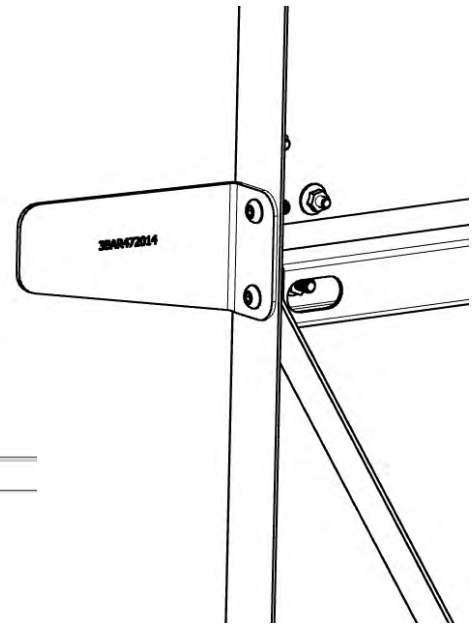


Figure 4

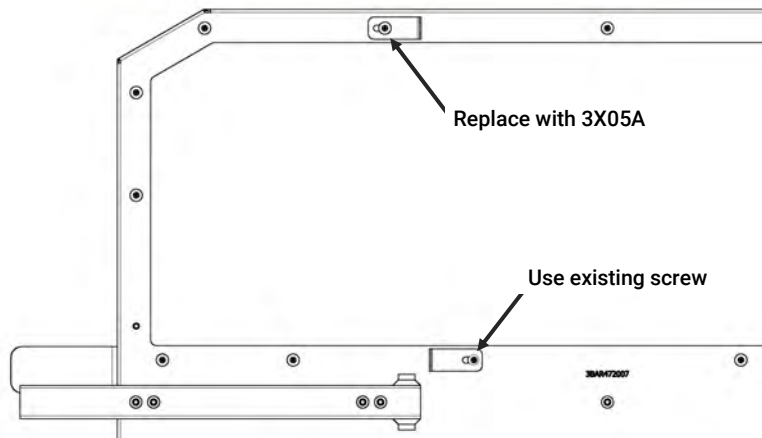


Figure 5

B. Install the Lower Brackets

1. Remove the (2) front driver side bolts from the OEM X-brace.
2. Place (1) Barrier Support Bracket [3BAR472011] on top of the X-brace with the standoffs towards the rear of the vehicle. Set the front edge of the bracket just behind the front edge of the X-brace. Reinstall the OEM bolts and torque to factory specifications using an 18mm socket.
3. Remove the (2) rear driver side bolts from the OEM X-brace.
4. Place the Driver Side Barrier Bracket [3BAR472003] on top of the X-brace with the tall part of the bracket towards the front of the vehicle. Reinstall the OEM bolts and torque to factory specifications with an 18mm.
5. Repeat steps 1. - 4. for the passenger side with the second Barrier Support Bracket [3BAR472011] and the Passenger Side Barrier Bracket [3BAR472005].
6. Figure 6 shows the brackets installed.

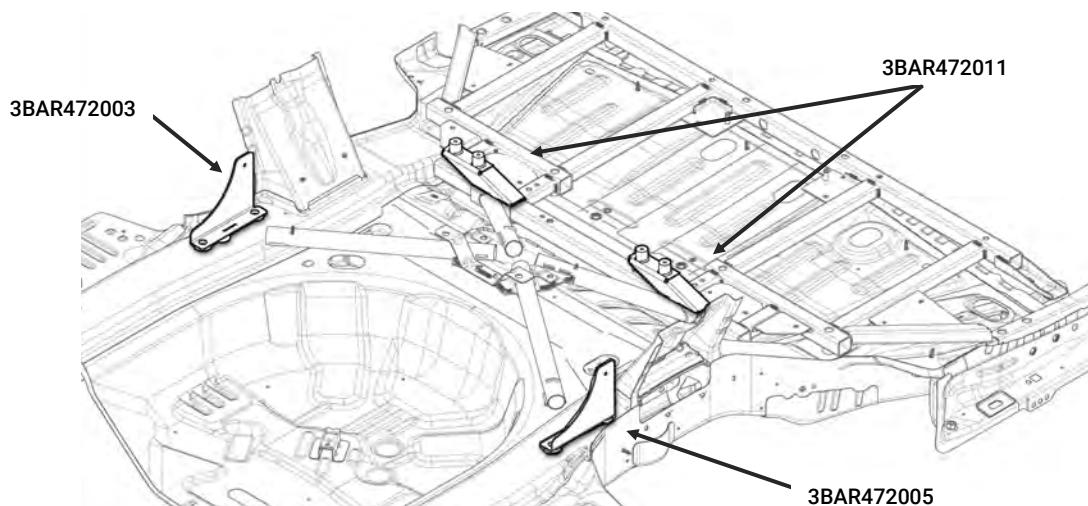


Figure 6

C. Reinstall the Load Floor

1. Fit the front section of foam. Ensure the foam is fully seated into position, trimming any additional areas if necessary.
2. Reinstall the two rear sections of foam and tighten the two bolts using an 8mm socket.
3. Place the front section of the load floor into position and mark where the Barrier Support Brackets contact the underside of the flap.
4. Using a 1.25" hole saw, drill the necessary clearance to allow the front section of the load floor to sit properly in place. Reinstall the front section of the load floor with a T55 torx driver.
5. Reinstall the rear section of the load floor trimming around the Barrier Brackets as necessary.

D. Barrier Installation

NOTE: Due to the size of the Barrier it is recommended that two people lift and position the barrier in the vehicle.

1. Lay the Barrier backwards such that the front of the Barrier is facing upwards.
2. Bring the Barrier into the vehicle through the cargo area and rotate up and into position overtop the Barrier Support Brackets.
3. Using (4) [3X611] button head screws loosely secure the bottom flange of the Barrier to the Barrier Support Brackets.
4. Set the driver side Barrier Diagonal Support Bar on the outside of the Driver Side Barrier Bracket and loosely secure using (1) [3X611] screw and (1) [3X619] whiz nut (Fig. 7). Repeat for the Passenger side using another [3X611] screw and [3X166] whiz nut.

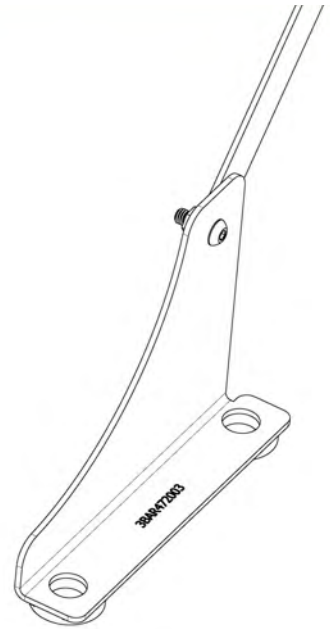


Figure 7

E. Tighten the Bolts

1. Ensure the Barrier is straight and in the proper position.
2. Tighten all the 5/16" fasteners installed thus far in the order indicated in Figure 8 using a 3/16" hex wrench and a 1/2" socket.

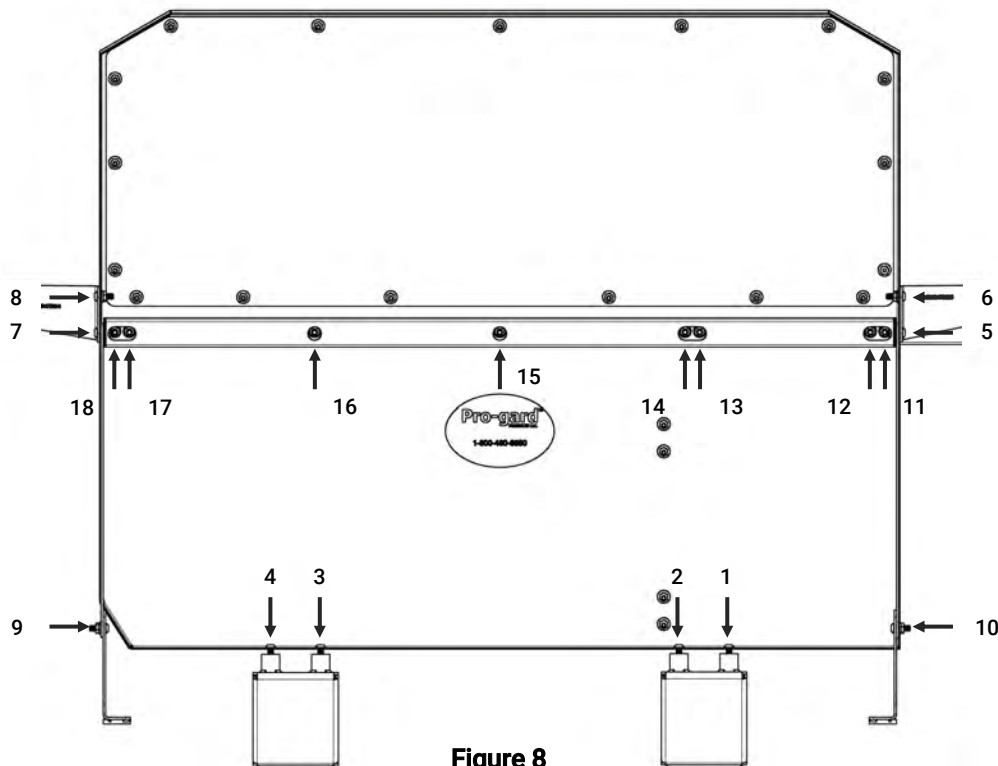


Figure 8

F. Barrier Wings

1. Remove the (5) bolts from the top, the (3) bolts from the driver side, and the (3) bolts from the passenger side of the Barrier window. The window should remain attached by only the lower (6) bolts.
2. Place the Barrier Top Wing [3WIN472003] against the front of the Barrier with the top angle towards the rear of the vehicle to allow access to the air conditioning vents. Align the holes in the wing with the top holes for the Barrier window. Secure in place with the hardware removed in step 1. The Upper Divider Bracket placed in Section A. step 8. sandwiches the upper wing; leave the fastener for this bracket finger tight.
3. Locate the Barrier Wing for the drivers side [3WIN472013]. The flange on the wing points towards the front of the vehicle and is located at the top of the wing. Set the drivers side Barrier Wing against the front of the Barrier and align the holes in the brackets with the holes on the drivers side for the Barrier window. Secure in place using the hardware removed in step 1 for the top 3 holes in the wing. Attach the bottom 3 holes of the wing to the Barrier with (3) [3X03] screws and (3) [3X16] whiz nuts. If holes are not present in your version of the Barrier align the wing with the top 3 holes and mark the bottom holes locations. Drill (3) 9/32" holes in the marked locations and then fasten the wing.
4. Locate the passenger side upper Barrier Wing [3WIN472011]. The flange on the wing points towards the front of the vehicle and is located at the top of the wing. Set the drivers side Barrier Wing against the front of the Barrier and align the holes in the brackets with the holes on the drivers side for the Barrier window. Secure in place using the remaining hardware removed in step 1.
5. Locate the passengers side Lower Barrier Wing [3WIN472010]. Align the holes in the wing with the holes in the lower section of the Barrier on the drivers side. Attach the wing to the Barrier with (3) [3X03] screws and (3) [3X16] whiz nuts. If holes are not present in your version of the Barrier align the wing to the trim of the car and the upper Barrier Wing and mark the holes locations. Drill (3) 9/32" holes in the marked locations and then fasten the wing.

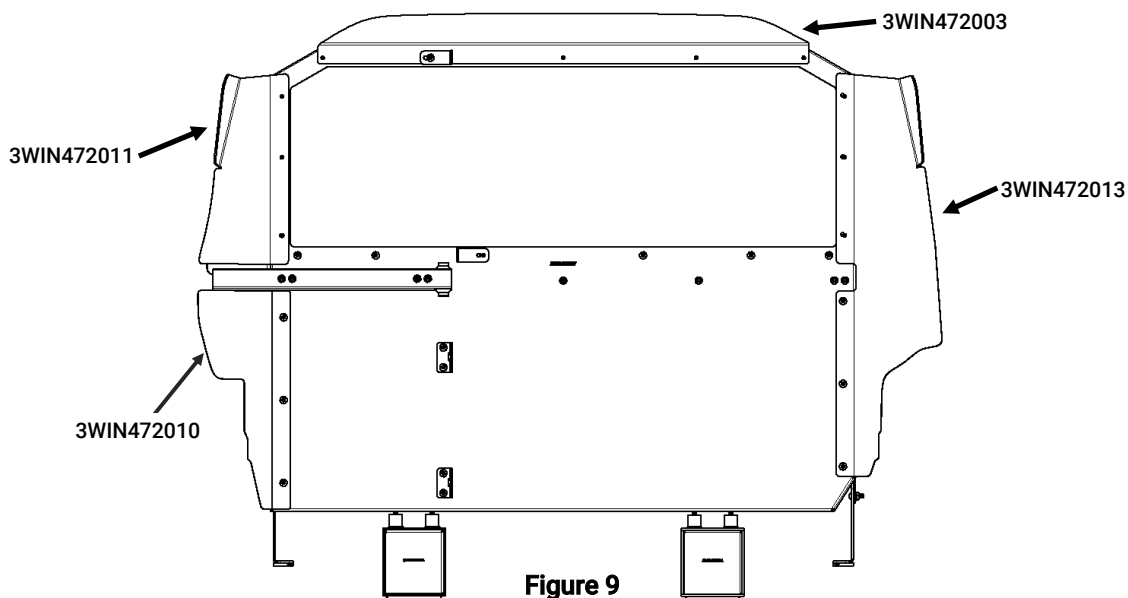


Figure 9

V. Divider Placement and Seat Bracket Installation

A. Floor Pan

1. Set the half-width floor pan [3FLP472033] into the passenger second row floorboard. Ensure the floor pan is as far rearward in the floorboard as it can go.
2. If installing a Self-Supporting Gunrack, test fit the Self-Supporting Base [3GRK472004] and front Legs [3GRK472005 and 06] and trim the floor pan where necessary to clear these brackets.

B. Divider Placement

1. Place the Divider [3DIV472005] into the vehicle through the passenger side rear door, top in first.
2. The Divider should rest between the short OSB bar attached to the front of the barrier and the passenger side copper colored stud that the center seat bolts to.
3. A 1/4"-20 fastener can be temporarily installed into one of the Lower Divider Brackets on the Barrier if the Divider won't stay upright.

C. Seat Brackets

1. Locate the Lower Seat Bracket [3TRS472050] and place it on the OEM subframe with the long flange along the Divider. Loosely thread the OEM seat bolt into the rear hole.
2. Align the Front Seat Bracket [3TRS472051] with the front bolt holes for the OEM passenger side second row seat. One flange on the Front Seat Bracket has a notch in it - this flange goes on top of the Lower Seat Bracket. Loosely thread the OEM seat bolts into the holes of the Front Seat Bracket.
3. Center the Lower Seat Bracket and Front Seat Bracket within their respective holes and tighten the OEM Fasteners to OEM torque specifications with a 13mm socket.
4. Locate the Outer Seat Bracket [3TRS472052] and place it onto the outboard gusset plate of the OEM subframe. Align the two longitudinal holes in the bracket with the two holes in the gusset plate and then mark the remaining third hole. Use a 9/32" drill bit to drill the marked hole.
5. Place the Outer Seat Bracket back into position on the OEM gusset and slide the Outer Seat Bracket Nut Plate [3TRS472053] under the gusset. Securely fasten the bracket using (3) [3X149] 5/16-18X3/4" button head screws and a 3/16" hex wrench.
6. Locate the Outboard Seatbelt Tab [3OSB472052] and place it over the OEM belt location. Loosely secure with the OEM fastener.
7. Align this tab with the flange towards the inside of the vehicle and parallel to the OEM slit in the door sill scuff plate that the OEM seatbelt passes through. The Outboard Seatbelt Buckle will pass through this same slit in the sill trim. Keeping the Tab in alignment, tighten the OEM fastener.
8. Place the OSB Buckle [3OSB109RP] against the outboard face of the Outboard Seatbelt Tab. Secure the buckle in place using a 5/8" wrench and socket and (1) [3X616] 7/16-20X1" grade 8 hex bolt and (1) [3X614] 7/16-20 grade 8 hex nut.
9. Figure 10 shows the locations of the seat brackets.

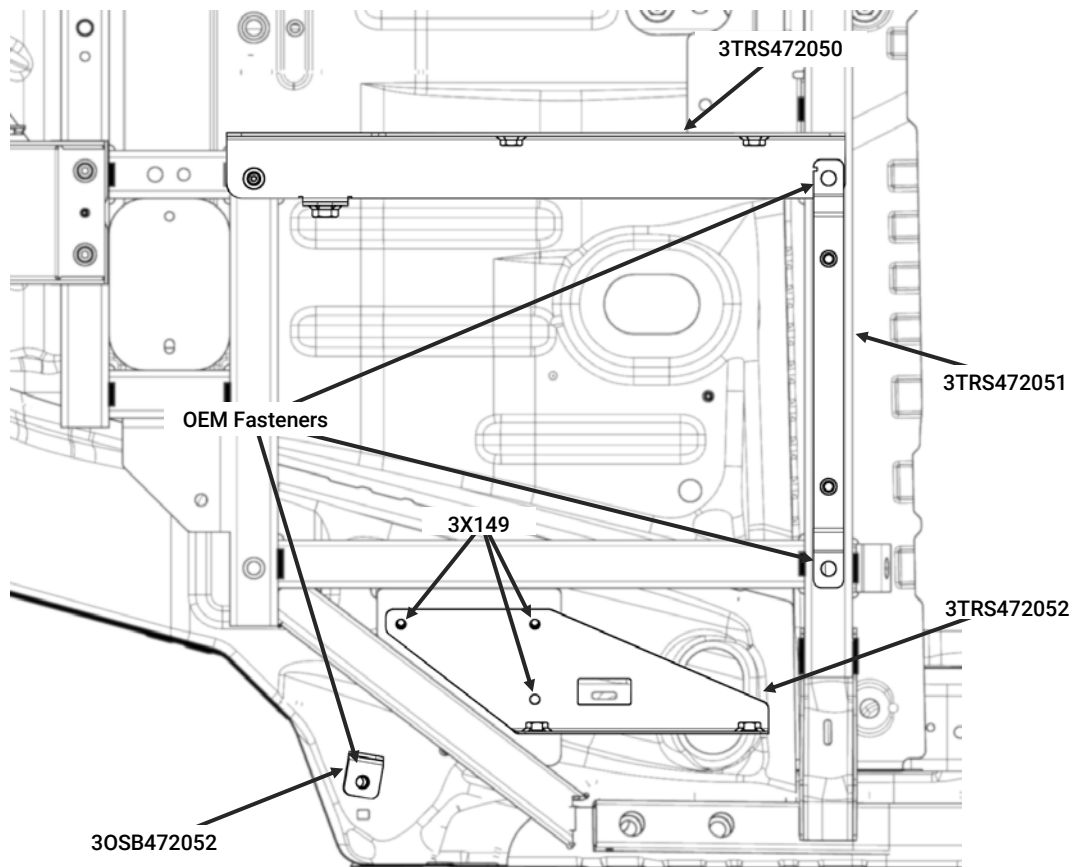


Figure 10

VI. Partition Installation

A. B-pillar Bracket

NOTE: Driver Side Shown in Figures

1. Place the passenger B-pillar Bracket [3PAK472001] against the vehicle B-pillar. Route the bundle of wires underneath the bracket and ensure that the seatbelt is on top of the bracket. The order from outside to inside should be: vehicle B-pillar, wire bundle, B-pillar bracket, seatbelt.
2. (1) of the [3X162] #14X3/4" self-drilling screws is used to set the height of the bracket. Insert a screw through the lowest hole on the bracket (Fig 11a) and into the slot that the wire clip was removed from (Fig 11b). The screw should be in the very bottom of the slot.
3. Verify that the B-pillar bracket is located correctly by checking that the notch on the top of the bracket is well-fit around one of the embossed areas for an upper B-pillar trim clip.
4. Secure the B-pillar bracket in place with a 3/8" socket and (4) [3X162] self-drilling screws. The holes can be pre-drilled with a 3/16" drill bit if necessary.
5. Remove the alignment screw that was used in step 2. Figure 12 shows the B-pillar bracket fully installed.
6. Reinstall the lower B-pillar trim followed by the front and rear door sill plates and door seal rubber.

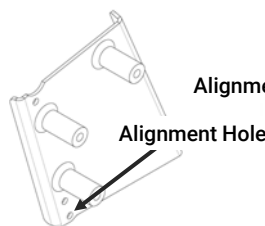


Figure 11a

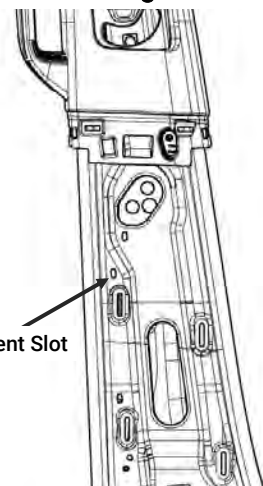


Figure 11b

B. Mounting Plate and Inboard Support Bracket

1. Locate the passenger Mounting Plate [3PAK472009] and (3) [3X149] button head screws.
2. Align the (3) holes in the plate with the (3) standoffs protruding through the B-pillar trim. Loosely secure with the button head screws (Fig 13). The fasteners will be tightened in a later section.
3. Using a 13mm socket remove the rear inboard passenger seat bolt. Place the Inboard Support Bracket [3PAK472050] on top of the seat rail foot and loosely reinstall the bolt. Figure 14 shows the installed Inboard Support Bracket.

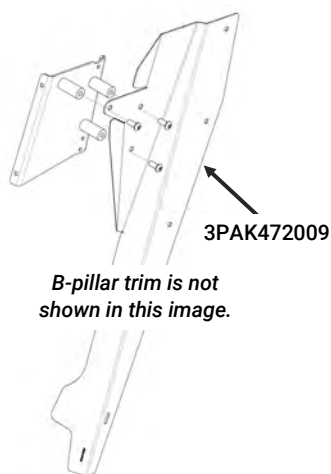


Figure 13

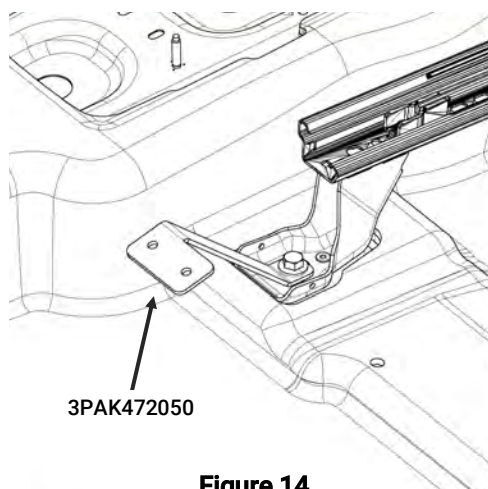


Figure 14

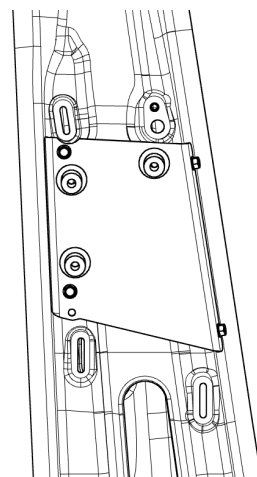


Figure 12

C. Partition

1. Prepare (4) [3X36] 1/4-20X5/8" carriage bolts, (1) [3X258] 1/4-20X1/2" button head screw, (4) [3X16Z] 1/4-20 whiz nuts, and (1) [3X16SZ] 1/4-20 small whiz nut near the mounting plate. Prepare (2) [3X36] carriage bolts, and (2) [3X16Z] whiz nuts near the Inboard Support Bracket.

2. Position the P1300 Partition into the vehicle and align the holes in the flange attached to the tube with the corresponding holes in the mounting plate.
3. Use the first set of fasteners prepared in step 1. to loosely secure the Partition to the Mounting Plate. The button head screw and the small whiz nut go in the bottom hole. Use the second set of fasteners prepared in step 1. to loosely attach the Partition to the Inboard Support Bracket. Figure 15 shows the partition installed at this stage.

D. Lower Extension Panel

1. Locate the P1300 Lower Extension Panel [3LEP472050] and place it into the floorboard.
2. Slip the large radius flange between the Partition and Mounting Plate and align the holes. Use (3) [3X36] carriage bolts and (3) [3X16Z] whiz nuts to loosely secure the panel in place. It will be adjusted later.

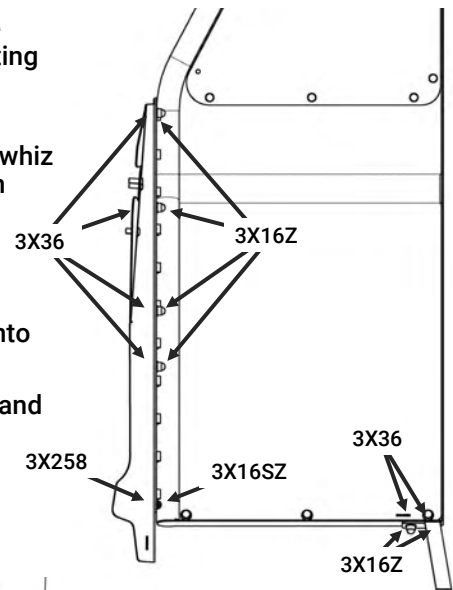


Figure 15

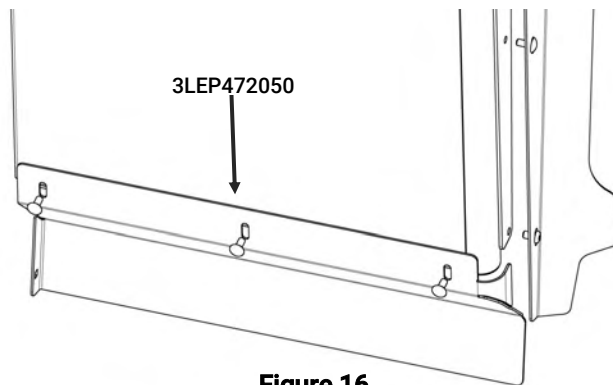


Figure 16

E. Wing and Park Buckle

1. Locate the P1300 Partition Wing, the (3) Wing Brackets [3WIN000000], (6) [3X61] 1/4-20X3/4" carriage bolts, and (6) [3X16SZ] small whiz nuts.
2. Put the long flange of the Wing Brackets against the front face of the Wing and install (3) of the carriage bolts from the wing side with (3) corresponding whiz nuts against the brackets. Tighten down the nuts to pull the carriage bolts into the wing and then loosen the nuts so that the brackets are able to move.
3. Place the short flange of the Wing Brackets against the Partition window and align the holes in the brackets with the (3) missing fasteners in the window. Insert the (3) remaining carriage bolts from the back side of the partition and loosely secure the Wing in place with whiz nuts against the Wing Brackets. The Wing will be adjusted and tightened in a later section. Figure 17 shows the installed wing.
4. Locate the OSB Park Buckle [3OSB109RP], (2) [3X36] carriage bolts, and (2) [3X16Z] whiz nuts.
5. Position the Park Buckle in the desired location on the Partition Mounting Plate and mark (2) holes locations.
6. Drill the locations marked in the previous step with a 9/32" drill bit and then install the Park Buckle with a 7/16" socket and the prepared hardware. Figure 18 shows the recommended location for the Park Buckle.

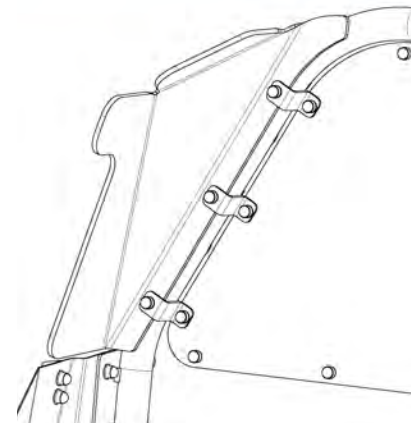


Figure 17



Figure 18

VII. Seat and Divider Installation

A. Seat

1. Locate the OSB Seat Belt [30SB001] and run the lower mounting tab through the seatbelt slot on the inboard portion of the P1300 Seat [3TRS472080]. Set the Seat and Seat Belt into the vehicle forward of its standard position to retain access to the Seat Brackets.
2. Locate the [3X245] 7/16-20X3" grade 8 hex bolt, the [3X113] 7/16" washer, the short spacer [3TRS472055], and the long spacer [3TRS472056]. Use these components to loosely attach the OSB Seat Belt lower mounting tab to the Lower Seat Bracket [3TRS472050] already installed in the vehicle (Fig 19).
3. Position the Seat on the seat brackets by aligning the (8) holes accessible through the rear passenger door. Loosely install (2) [3X247] 3/8-16X3/4" button head screws vertically at the front of the seat, (2) more [3X247] button head screws transversely along the outside of the seat, and (4) [3X615] #10X3/4" self-drilling torx screws with (4) [3X12] 1/4" washers vertically along the top of the seat (Fig 20). A T25 torx driver will be need to start the [3X615] screws into the Daughter OSB Bar. These fasteners will all be tightened in a later section.
4. Locate the short 7/16" seatbelt bolt [3X616] and loosely attach the upper mounting tab of the OSB Seat Belt to the bung on the Daughter OSB Bar.

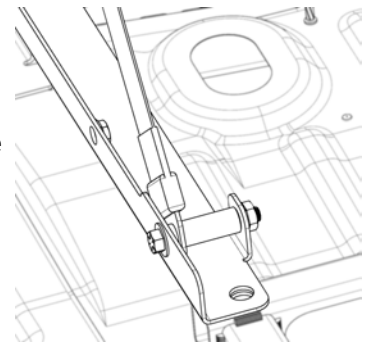


Figure 19

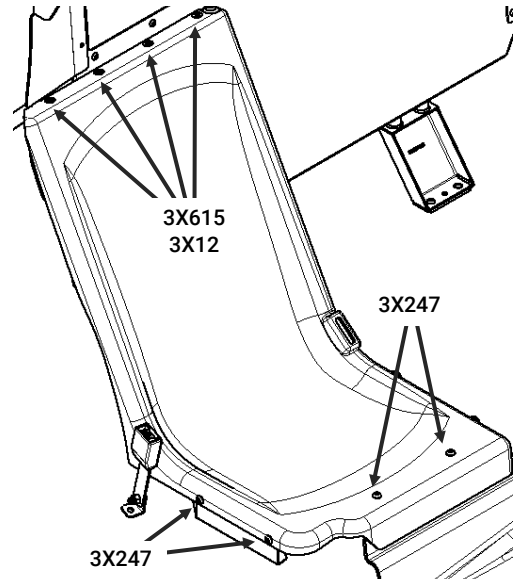


Figure 20

B. Divider

1. Locate (11) [3X61] carriage bolts, (11) [3X16Z] whiz nuts, (2) [3X05A] screws, (2) [3X121] 3/8" washers, and (2) [3X119] 3/8-16X1.5" hex bolts.
2. Position the Divider and align the Lower Divider Brackets on the barrier with the corresponding slots in the Divider. Loosely thread the (2) [3X05A] screws through the Divider into the Brackets.
3. Insert the (2) [3X119] hex bolts with the (2) [3X121] washers on them through the Divider, Seat, and into the Lower Seat Bracket. Leave these fasteners loose.
4. Align the Upper Divider Brackets with the corresponding slots on the Divider. The bracket at the top of the window goes against the prisoner side of the Divider and the bracket at the bottom of the window goes against the driver side of the Divider. Insert (1) [3X61] carriage bolt into each of the locations from the prisoner side of the Divider and loosely secure with (1) [3X16Z] whiz nut per carriage bolt.
5. Bring the Divider and the Partition together and align the corresponding holes. Insert (8) [3X61] carriage bolts from top to bottom through the Divider and Partition; the heads of the carriage bolts should be facing the driver side of the vehicle. Secure each fastener with (8) of the [3X16Z] whiz nuts. The final (1) [3X61] carriage bolt is inserted through the Lower Extension Panel from the prisoner compartment and secured with the final (1) [3X16Z] whiz nut. Figure 21 shows the Divider with the fastener locations called out.

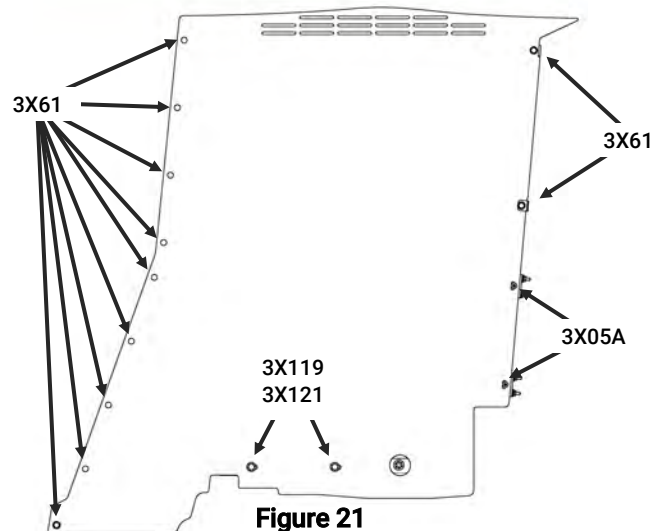


Figure 21

C. Tighten Fasteners

1. Tighten the (8) seat fasteners installed in Section A. that are accessible from the prisoner compartment using a T25 torx driver and a 7/32" hex wrench. This will fully position and secure the seat.
2. Adjust the Partition / Divider interface to achieve the desired fitment and then tighten the fasteners attaching the Partition to the Divider with a 7/16" socket.
3. Tighten the fasteners attaching the Divider to the Barrier and the Lower Seat Bracket with a 7/16" socket, #3 Phillip head, and a 9/16" socket.
4. Tighten the lower Seatbelt fastener accessing it through the hole cut in the Divider then tighten the upper Seatbelt fastener on the Daughter OSB Bar with a 5/8" socket.
5. Tighten the fasteners between the Partition and the Mounting Plate with a 7/16" socket and then tighten the fasteners between the Mounting Plate and the B-Pillar Bracket with a 3/16" hex wrench.
6. Adjust and tighten the (6) fasteners on the Partition Wing and Wing Brackets with a 7/16" socket.
7. Adjust the Lower Extension Panel and tighten the (3) fasteners attaching it to the Partition and the (1) fastener attaching it to the Divider with a 7/16" socket.

VIII. Door Panel and Window Armor Installation

A. Door Panel Support Bracket

1. Remove the OEM door panel and the OEM speaker. Remove the window switch from the door panel, make it water tight, and secure it inside the door out of the way of the window.

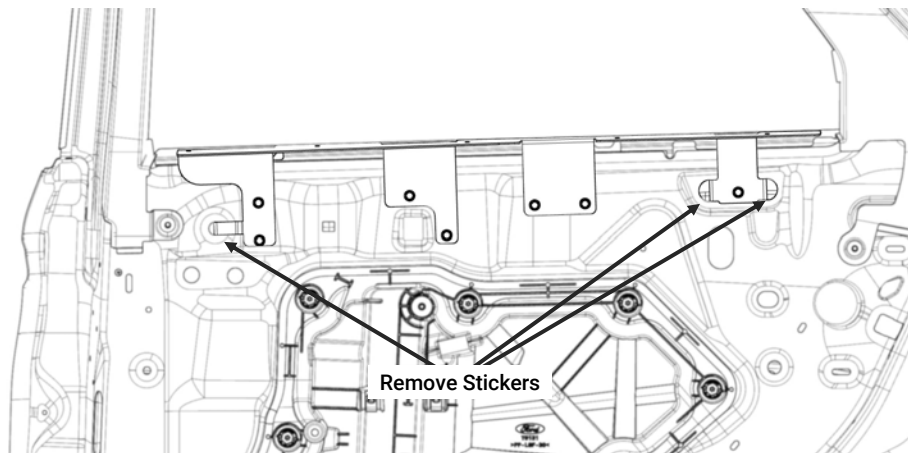


Figure 22

2. Remove the stickers covering the large holes identified in Figure 22.
3. Set the Door Panel Support Bracket [3DRP472010] against the door and position it such that the locator tabs rest inside the large holes that the stickers were removed from. Mark the (7) fastener locations for the bracket with a marker or center punch.
4. Use a 3/16" drill bit to pre-drill the marked holes.
5. Install the support bracket using (7) [3X162] self-drilling fasteners and a 3/8" socket.

B. Door Panel and Window Armor

1. Set the Door Panel [3DRP472000] in place on top of the Door Panel Support Bracket.
2. Place the Window Armor [3RWA472001] into position and loosely fasten with the (5) [3X624] #8-32X5/8" button head screws that attach the Window Armor and Door Panel to the Door Panel Support Bracket. Adjust the Window Armor and Door Panel to achieve the desired fitment on the vehicle and then tighten the screws with a 3/32" hex wrench.
3. Install (26) [3X299] #8X3/4" self-drilling screws in every hole using a #2 Phillips driver securing the Window Armor and Door Panel to the door.

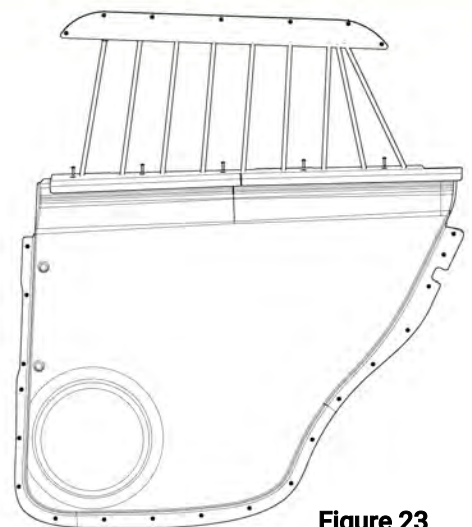


Figure 23

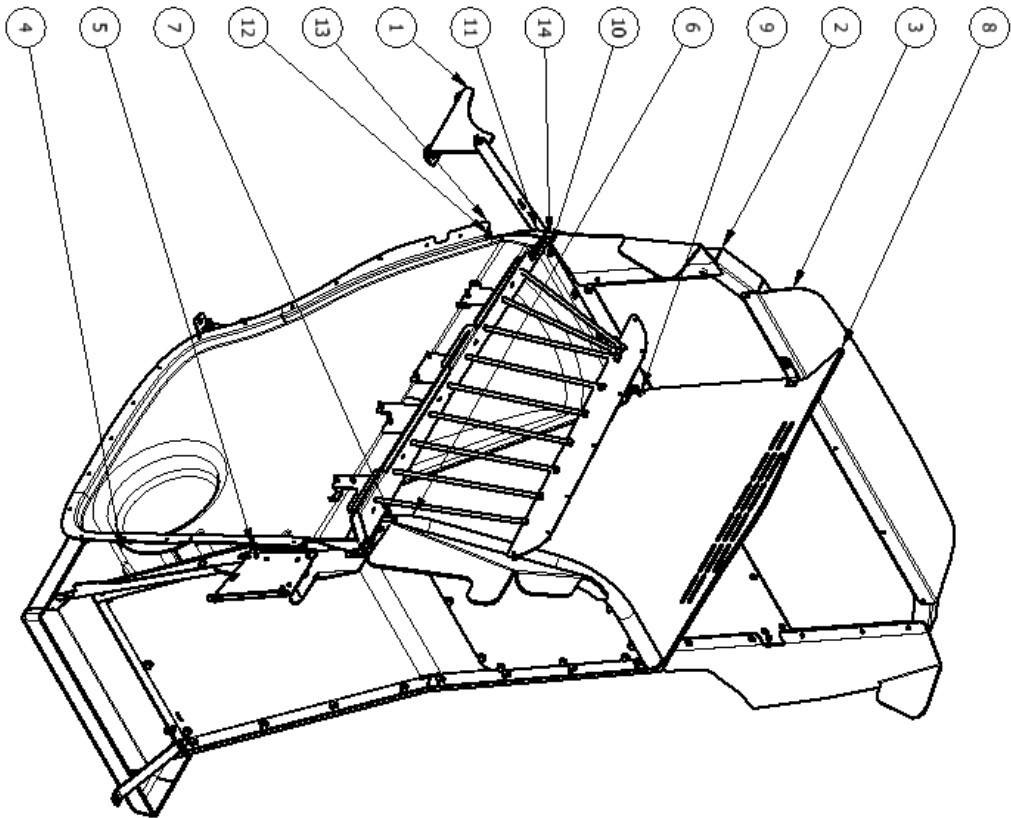
IX. Final Steps

- A. Ensure all fasteners are tight.
- B. Reinstall the OEM center seat.
- C. Place plastic caps [3X145] over all nuts on the partition and divider.

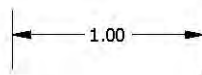
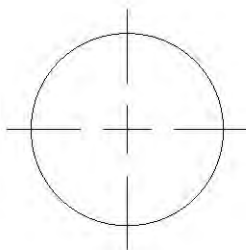
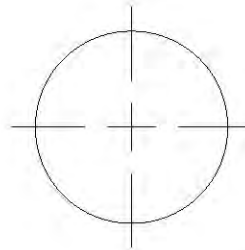
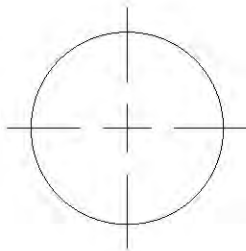
Installation complete

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

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	4BAK472002	P1300 BARRIER KIT
2	1	4BAR472001	2020 UTILITY BARRIER WITH POLY WINDOW
3	1	4WIK472002	P1300 BARRIER WING KIT
4	1	3FLP472033	P1300 FLOOR PAN
5	1	4PAK472050	P1300 PARTITION KIT
6	1	4PAR472050	P1300 ASSEMBLED PARTITION
7	1	4WIK472009	P1300 WING KIT
8	1	3DIV472005	P1300 DIVIDER
9	1	4DIK472000	P1300 DIVIDER HARDWARE KIT
10	1	4TRK472050	P1300 SEAT KIT
11	1	3TRS472080	P1300 SEAT
12	1	4DRK472050	P1300 DOOR PANEL AND WINDOW BAR KIT
13	1	3DRP472000	PASSENGER MOLDED DOOR PANEL
14	1	3RWA472001	WINDOW BAR STEEL OEM UI 20 P/S



2020 - Current
Ford Police Interceptor Utility
B-pillar Template

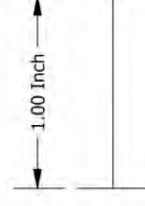
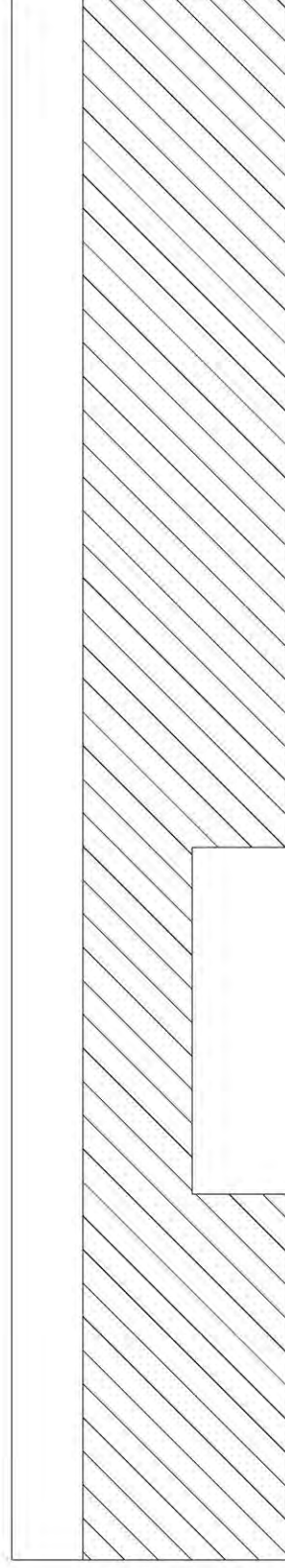


Directions

1. Cut and remove the hatched area. Cut the horizontal lines on the left side of the template.
2. Place the template against the back side of the lower passenger B-pillar trim.
3. Align as shown in the image with the slices in the top left of the template allowing the top three ribs of the trim to protrude through. The lower tab of the template should be just touching the uppermost trim standoff.
4. Use a center punch to mark the center of the holes in the B-pillar trim.
5. Remove the template and drill the marked locations with a 1" hole saw.

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P1300 Scuff Plate Trim Template



Instructions:

1. Verify that the template is to scale
2. Cut along the outside border
3. Align template around the tall stud on the bottom side of the trim and against the outermost long ridge
4. Use a razor blade to remove the ridges that are elevating the template
5. Use a rotary tool or similar to cut the rectangular non-hatched area out of the trim panel