



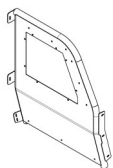
INSTALLATION GUIDE

**2020 - CURRENT
FORD POLICE INTERCEPTOR UTILITY
P1000 PRO-CELL
P1000UINT20A, P1000UINT20A-W
P1000UINT20AOSB, P1000UINT20AOSB-W
P1000UINT20AOSBR, P1000UINT20AOSBR-W**

Pro-gardTM
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.

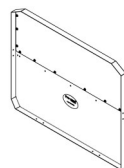
**THESE COMPONENTS ARE REQUIRED
TO INSTALL THE P1000 PRO-CELL**



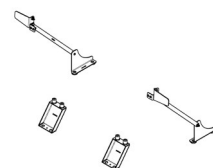
4P1000UINT



4PAK472021



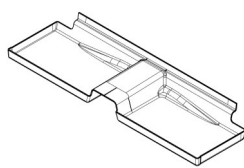
4BAR472001



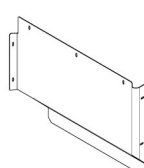
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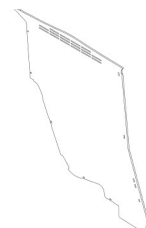
3TRS472047



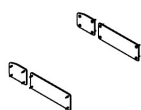
3FLP472000



3LEP472006



3DIV472069



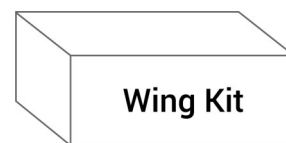
DPCP47UINT20



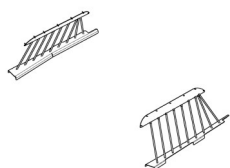
4WIK472003



**4TRK472022 OR
4OSK472251
(RETRACTOR BELTS)**



4WIK472010



WB47NPUINT20



4OSK472001

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

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

III. Barrier and Seat Installation

- A. Proceed with Barrier installation according to the barrier install instructions.
- B. Proceed with the seat installation according to the seat install instructions. Leave seat hardware loose, divider brackets will be attached in a later step and seat will be secured after bracket installation.

IV. B-Pillar Preparation

- A. Remove the front and rear passenger door seal rubbers from the B-pillar and the front and rear sills.
- B. Remove the front and rear passenger door sill plates.
- C. Remove the passenger 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.
- D. 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.
- E. Remove the clip from the wire bundle to prevent rattles.

V. B-Pillar Bracket Installation

- A. 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.
- B. (1) of the [3X162] self drilling screws is used to set the height of the bracket. Insert a screw through the lowest hole on the bracket (Fig 1a) and into the slot that the wire clip was removed from in Section IV Step D (Fig 1b). The screw should be in the very bottom of the slot.

NOTE: Driver Side Shown in Figures

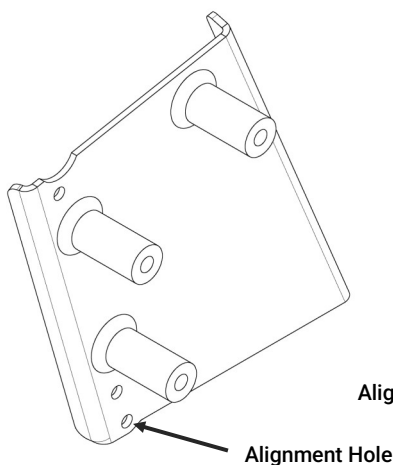


Figure 1a

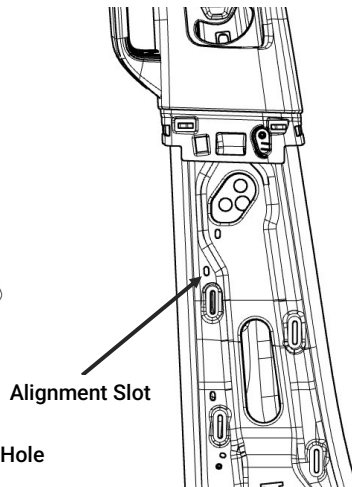


Figure 1b

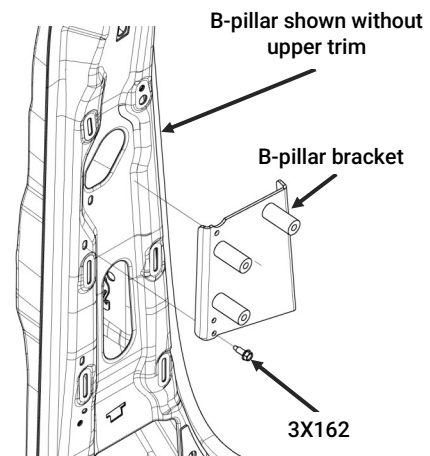


Figure 1c

- C. 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.
- D. 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.
- E. Remove the locating screw that was used in step B.

VI. B-pillar Trim Modification and Reinstallation

- A. Use the template supplied on the last page to mark the three hole locations in the passenger lower B-pillar trim panel. Do not mark or drill the driver side trim.
- B. Using a 1" hole saw, drill the holes marked in the previous step.
- C. Reinstall the lower B-pillar trim followed by the front and rear door sill plates and the door seal rubber.
- D. The OEM components should now be fully reassembled.

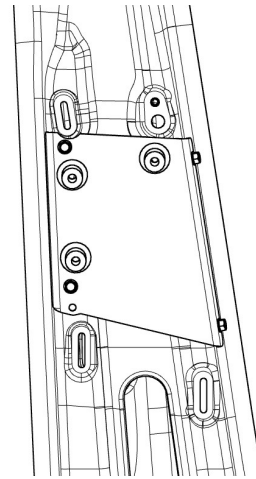
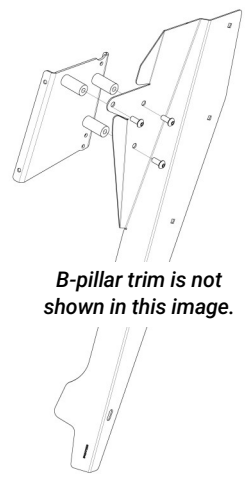


Figure 2



B-pillar trim is not shown in this image.

Figure 3

VII. Mounting Plate Installation

- A. Locate the passenger mounting plate [3PAK472011] and (3) 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. The fasteners will be tightened in a later section.

VIII. Center Floor Bracket Installation

- A. Using a 10mm socket remove the (2) nuts from the rear console mount studs.
- B. Manipulate the center mount bracket [3PAK472012] into place underneath the rear of the console and onto the OEM studs (Fig 4). It may be necessary to loosen the other bolts holding the console to the vehicle.
- C. Reinstall the nuts removed in Step A.

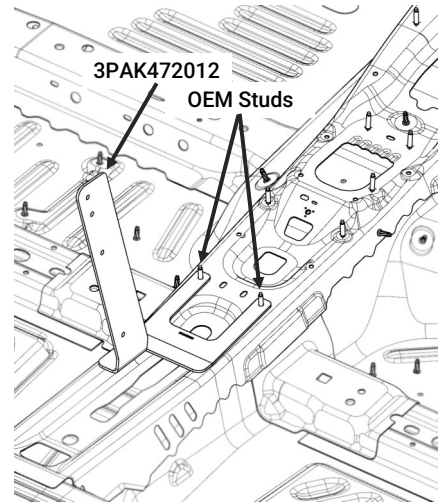


Figure 4

IX. 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 the passenger side of the vehicle and (2) carriage bolts [3X82] and (2) whiz nuts [3X16Z] near the center of the vehicle.
- B. Position the partition [3P5100] between the mounting plate [3PAK472011] and the center mount bracket [3PAK472012] inside the vehicle (Fig 6).
- C. Align the (3) uppermost holes in the mounting plate with the respective holes in the partition then loosely secure with the shorter carriage bolts [3X36] and whiz nuts [3X16Z] prepared in the 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.
- D. Align the (2) lowest holes on the inboard section of the partition with the top (2) holes on the center mount bracket. Loosely install the long carriage bolts [3X82] and whiz nuts [3X16Z] prepared in step A.
- E. Lift the inboard section of the partition to level it then tighten the fasteners installed in the previous step. These fasteners will be removed in a later step.
- F. Using a 7/32" hex wrench, tighten the fasteners that were installed in Section VII Step B.

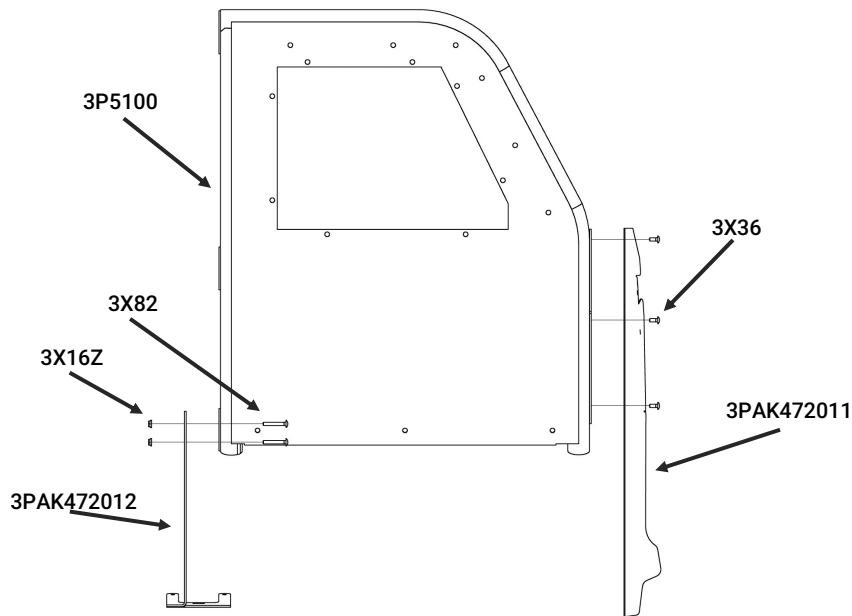


Figure 5

X. Lower Extension Panel

- A. Place the Pro-cell lower extension panel [3LEP472006] into the vehicle and slide the outside flange between the partition and the mounting plate (Fig 6a). Align the (3) holes at the top of the panel and the (2) holes along the outboard flange of the panel with their respective holes in the partition and the mounting plate (Fig 6b).

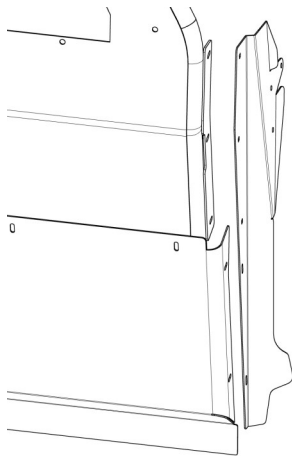


Figure 6a

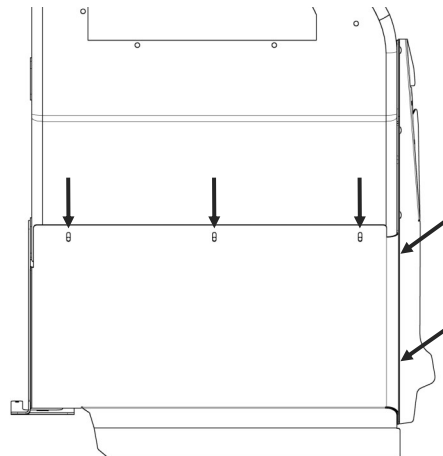


Figure 6b

- B. Loosely install a carriage bolt [3X36] and a whiz nut [3X16Z] into each of the (5) holes identified in the previous step. Install the fasteners such that the smooth head of the carriage bolt is facing towards the rear of the vehicle. The two holes on the inboard flange of the panel will remain empty for now.
- C. Slide the partition as far towards the rear of the vehicle as the slots in the partition will allow then tighten the (3) fasteners that were installed in Section IX Step C using a 7/16" socket.
- D. Adjust the lower extension panel [3LEP472006] to achieve the desired fitment then tighten the (5) fasteners installed in Step B using a 7/16" socket.

XI. Divider Preparation

- A. Must have top barrier wing installed per barrier install instructions done in step III A.
- B. Locate the divider barrier bracket [3DIV572151].
- C. Remove the top center screw from the barrier window (Fig 7).
- D. Align the divider barrier bracket with the top center hole in the barrier and insert the recently removed screw and fasten with the 1/4-20 serrated flange nut that was removed in Step C.

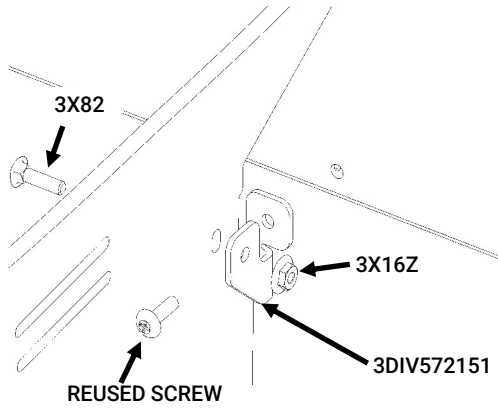


Figure 7



Figure 8

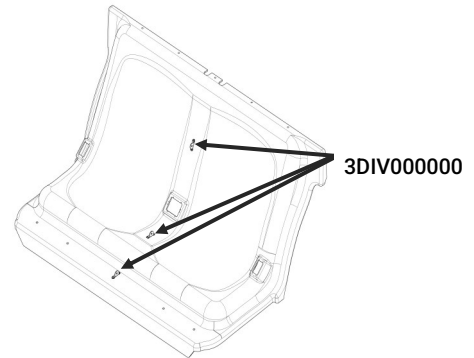


Figure 9

- E. Locate (3) divider brackets (3DIV000000) and loosely bolt them to the divider with carriage bolt [3X82] and nuts [3X16Z]. The smooth head of the carriage bolt should face towards the passenger side of the divider, the bracket and nut should be on the driver side of the divider.

XII. Install the Divider

- A. Bring the divider into the vehicle through the passenger side.
- B. Push the divider against the upper divider bracket [3DIV572151] and align the hole. Loosely secure with 1/4-20 carriage bolt [3X82] and nut [3X16Z]. Do the same on the front upper mounts that bolt the divider to the partition.
- C. Ensure divider is in the middle of the seat. Mark hole locations of divider brackets [3DIV000000] on the transport seat [3TRS472047].
- D. Remove the divider and seat from the car. Remove divider brackets [3DIV000000] from divider.
- E. Using a 7/32" drill bit, drill through the previously marked holes on the seat.
- F. Attach the (3) lower divider brackets [3DIV000000] to the seat with (6) #10-24 x 3/4 button head torx screws [3X274] and (6) #10-24 nylon flange nuts [3X275]. Be sure the upward bent flange of the bracket is on the driver side of the vehicle. (Fig 8&9)
- G. Reinstall seat into vehicle and tighten all seat fasteners.
- H. Remove the (2) carriage bolts [3X82] that were installed in Section IX Step D/E.
- I. Bring the divider into the vehicle through the passenger side. It is easiest to put the top of the divider into the vehicle first.
- J. Push the divider against all of the divider brackets and align the holes.
- K. From the passenger side insert a carriage bolt [3X82] into the (10) holes around the divider (Fig. 10).
- L. Secure the bolts placed in the previous step with whiz nuts [3X16Z] from the driver side.

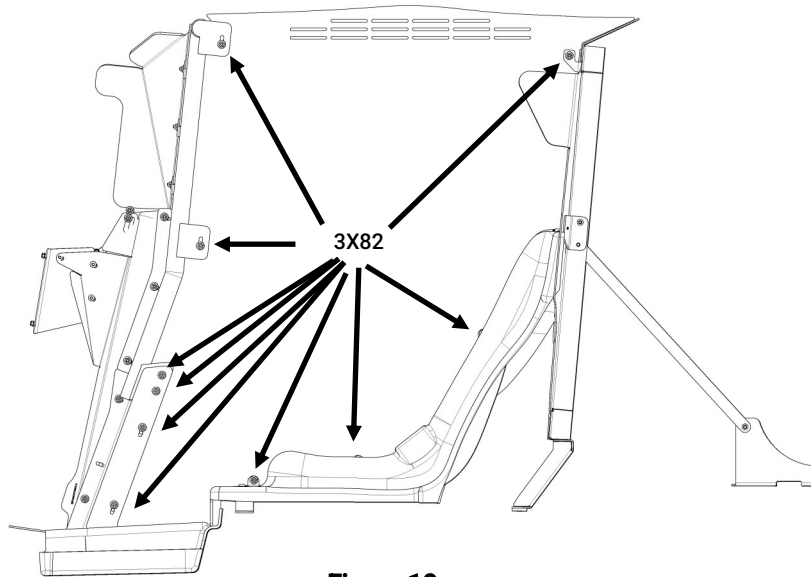


Figure 10

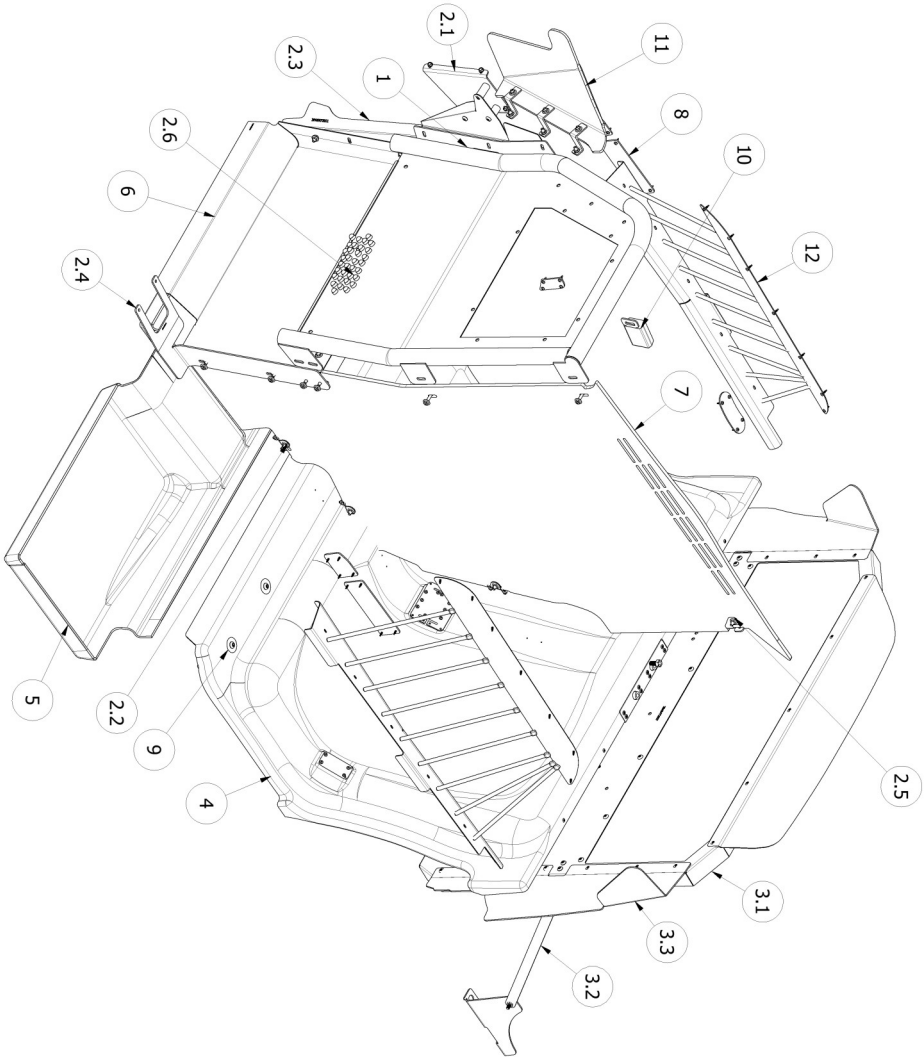
XIII. Finishing Steps

- A. Install the partition wing according to the instructions included with it.
- B. Install the door panel cover plates according to the instructions included with them.
- C. Install the window armor according to the instructions included with them.
- D. Ensure all fasteners installed in this installation are tight and all panels secure.
- E. Place plastic caps [3X145] over all fasteners.

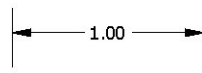
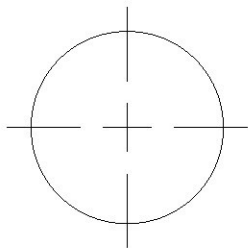
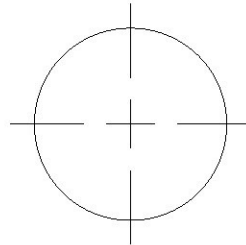
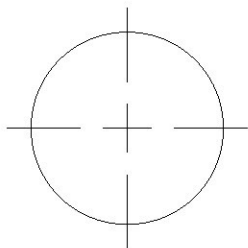
Installation complete

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	REVISION NUMBER
1	1	3P5100	
2	1	4PAK472021	A
2.1	1	3PAK472001	A
2.2	3	3DIV000000	A
2.3	1	3PAK472011	A
2.4	1	3PAK472012	A
2.5	1	3DIV572151	A
2.6	1	4PAK472022	A
3	1	B4702UUNT20	C
3.1	1	4BAR472001	B
3.2	1	4BAK472000	B
3.3	1	4WIK472010	B
4	1	3TRS472047	A
5	1	3FLP472000	A
6	1	3LEP472006	A
7	1	3DIV472069	A
8	1	DPCP47UUNT20	A
9	1	4TRK472022	B
10	1	4OSK472001	C
11	1	4WIK472003	A
12	1	WB47NPUUNT20	B



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.