

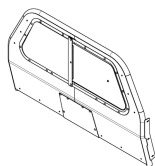
INSTALLATION GUIDE

**2020 - CURRENT
FORD POLICE INTERCEPTOR UTILITY
P1826 PRO-CELL
P1826UINT20A, P1826UINT20A-W
P1826UINT20AOSB, P1826UINT20AOSB-W**

Pro-gardTM
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.

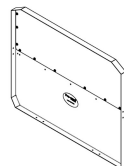
**THESE COMPONENTS ARE REQUIRED
TO INSTALL THE P1826 PRO-CELL**



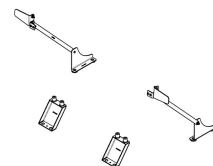
4P4726P13



4PAK472000



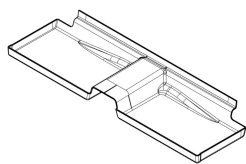
4BAR472001



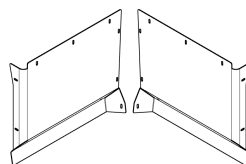
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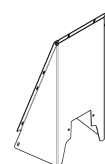
3TRS472000



3FLP472000



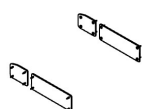
3LEP472000 & 01



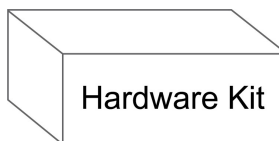
3REP472000



3DIV472001



DPCP47UINT20



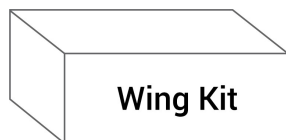
Hardware Kit

4TRK472000



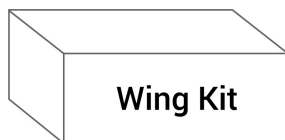
Hardware Kit

4PAK472007



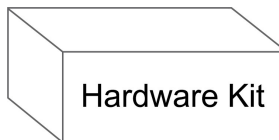
Wing Kit

4WIK472000



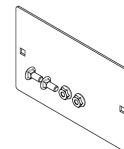
Wing Kit

4WIK472001

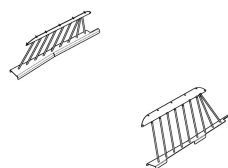


Hardware Kit

4LEK472001



4LEK472003



WB47NPUINT20



OSB ONLY

4OSBK4720

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

- | | | |
|--------------------|---------------------|----------------------------|
| 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 |

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. Barrier and Seat Installation

- A. Locate the transport seat [3TRS472000], (3) small divider brackets [3DIV000000] from the Pro-Cell kit [4PAK472007], and (6) button head Torx fasteners [3X274] and (6) flange lock nuts [3X275] from the Pro-Cell hardware kit [4PAK472006].
- B. There are (2) dimpled areas located along the centerline of the seat in (3) locations - (2) dimples above the center seatbelt pad, (2) dimples in front of the center seatbelt pad, and (2) dimples on the bottom mounting flange. Using a 7/32" drill bit drill a hole in each of the (6) centerline dimples.
- C. Set a divider bracket [3DIV000000] onto the seat and align the holes in the bracket with (2) of the holes drilled in the previous step - place the flanged side of the bracket towards the driver side (Fig 1a). Secure the bracket in place with (2) button head Torx fasteners [3X274] and (2) flange lock nuts [3X275] with the nuts on the underside of the seat.
- D. Repeat Step C for the remaining (2) locations identified in Step B. Figure 1b shows the seat after the completion of this step.

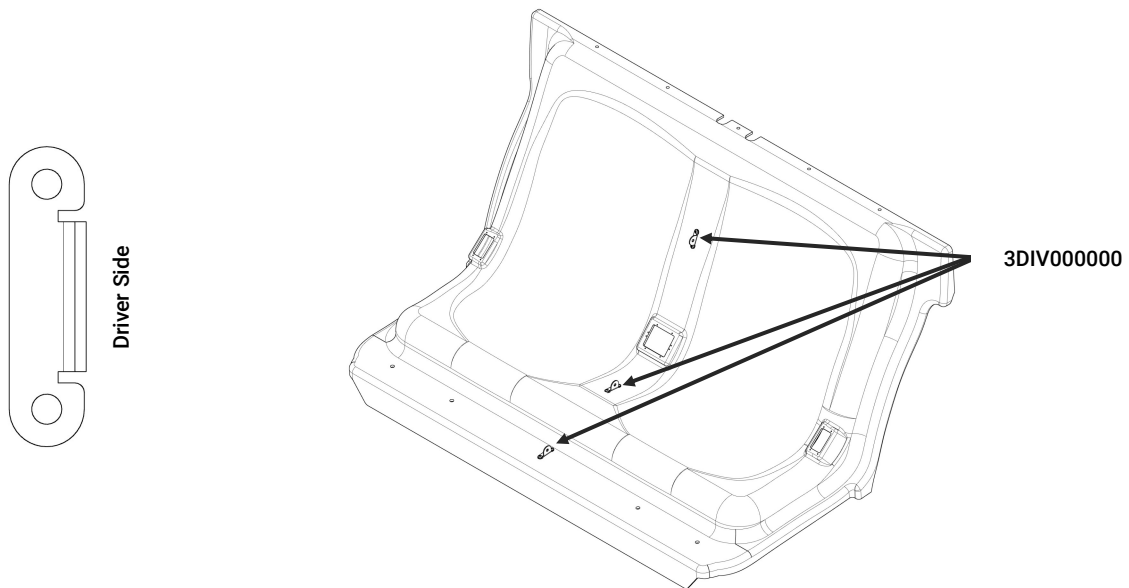


Figure 1a

Figure 1b

- E. Proceed with the seat installation according to the seat install instructions.

IV. Partition Installation

- A. Locate the recess panel [3REP472000], the remaining (2) small divider brackets [3DIV000000] from the Pro-Cell kit [4PAK472007], and the remaining (4) button head Torx fasteners [3X274] and (4) flange lock nuts [3X275] from the Pro-Cell hardware kit [4PAK472006].
- B. Mark (4) upper locations on the recess panel [3REP472000] as shown in Figure 2. Mark the fifth and lowest hole shown in the figure if using a Tri-Lock Partition Mount Gunrack (not included).
- C. Use a centering punch on each of the locations marked in the previous step.
- D. Using a 7/32" drill bit, drill holes in the upper (4) locations. If using a Tri-Lock Partition Mount Gunrack, use a 9/32" drill bit to drill the fifth and lowest hole.

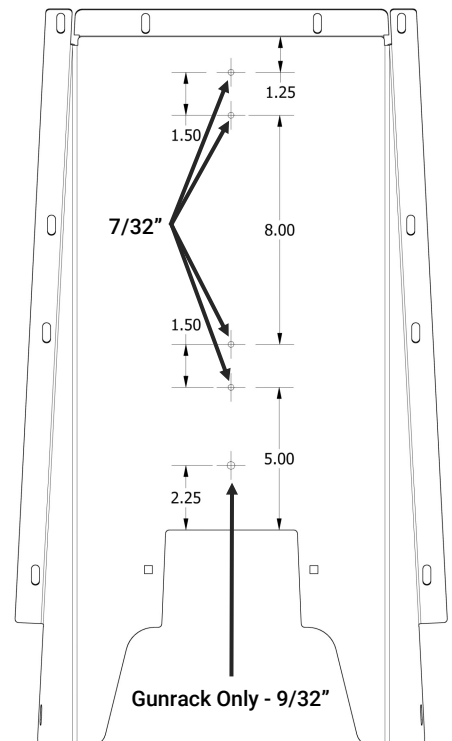


Figure 2 pro-gard.com
800.480.6680

- E. Set a divider bracket [3DIV000000] onto the face of the recess panel [3REP472000] that faces the rear of the vehicle and align the holes in the bracket with (2) of the holes drilled in the previous step - place the flanged side of the bracket towards the driver side (the same orientation as those on the seat). Secure the bracket in place with (2) button head Torx fasteners [3X274] and (2) flange lock nuts [3X275] with the fastener head on the same side as the divider bracket.
- F. Proceed with the partition installation according to the partition install instructions. Set the partition location in the middle of the forward / backward adjustment slots and leave all (10) transverse fasteners between the Mounting Plates and the Partition / Lower Extension Panels loose.

V. Divider Preparation

- A. Locate the divider barrier bracket [3DIV472004]. If using the OSB belts, remove the bolts [3X616] from the upper inboard locations (Fig 3).
- B. Remove the top center screw from the barrier window.
- C. Align the divider barrier bracket with the top center hole in the barrier and the two standoffs on the OSB bar. The bracket will sandwich the upper barrier wing and sit underneath the seat belt anchors if using the OSB system.

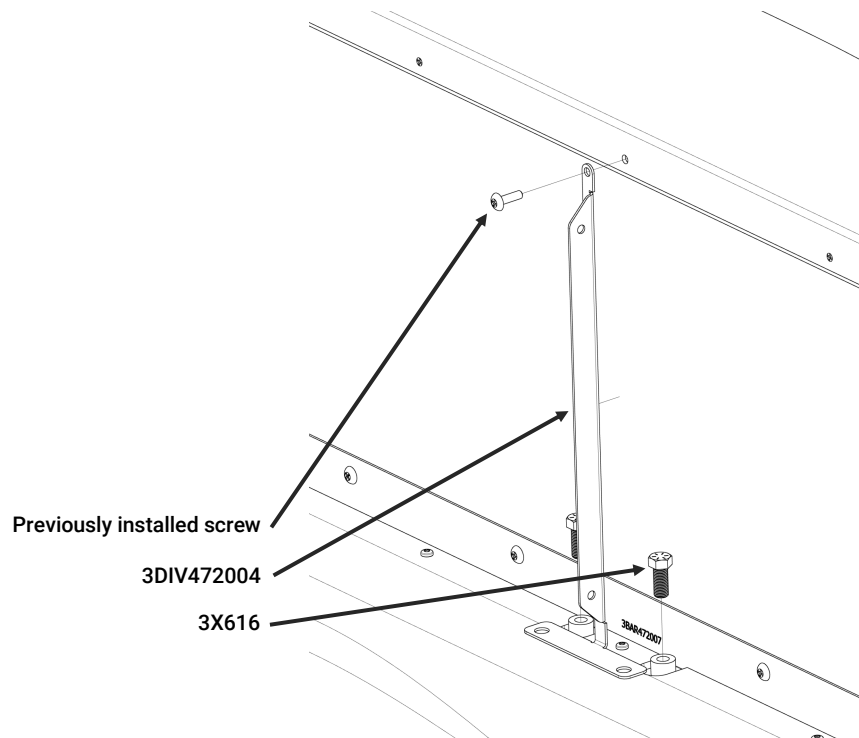


Figure 3

- D. Reinstall the screw removed in Step B and install the (2) bolts [3X616] that thread into the OSB bar.
- E. Prepare the (2) angle brackets [3G620] and (2) of the medium length carriage bolts [3X82].
- F. Locate the black reinforcement bar on the rear of the partition near the center of the window. Working one bolt at a time, remove the bolt from the partition window, set an angle bracket [3G620] on top of the reinforcement bar with the flange facing the passenger side of the vehicle, and loosely secure with the medium length carriage bolt [3X82] and the nut that was originally securing the window (Fig 4). Leave these bolts loose enough for the brackets to be adjusted in a later section.

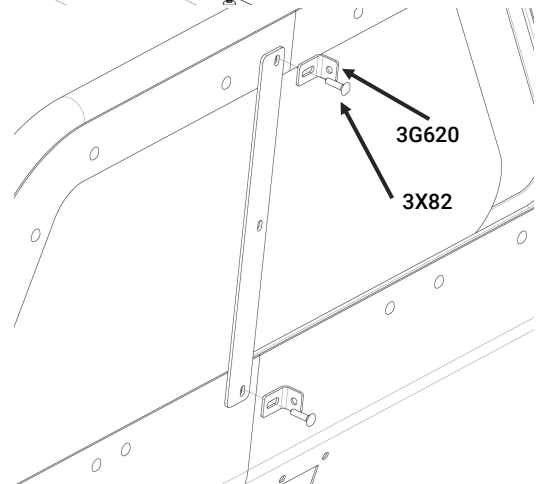


Figure 4

- G. Locate the (4) long length carriage bolts [3X167], (4) whiz nuts [3X16Z], (4) plastic spacers [4G5070P1], and divider cover plate [3P8010].
- H. Insert the carriage bolts [3X167] through the (4) bolt holes near the large vent holes in the divider. Insert the bolts from the passenger side so that the head of the carriage bolt is in the prisoner compartment.
- I. Slide (1) spacer [4G5070P1] onto each of the carriage bolts then slide the divider cover plate [3P8010] onto the bolts and cap with the whiz nuts [3X16Z] (Fig 5).

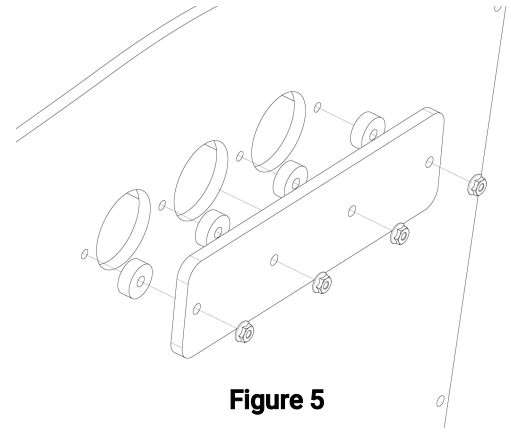


Figure 5

VI. Install the Divider

- A. If installing a Tri-Lock Partition Mount Gunrack, locate the carriage bolt and whiz nut that comes with the gunrack on the lower partition mount. Insert the carriage bolt into the lowest hole on the recess panel [3REP472000] that was drilled in Section IV Step D with the smooth head of the bolt facing the rear of the vehicle and temporarily secure with the accompanying whiz nut.
- B. If using the OEM wire raceway, trim the bottom of the polycarbonate divider to fit.
- C. Bring the divider into the vehicle through the passenger side. It is easiest to put the top of the divider into the vehicle first.
- D. Push the divider against all of the divider brackets and align the holes.
- E. From the passenger side insert a carriage bolt [3X82] through the divider and divider brackets in each of the (9) locations shown in Figure 6.
- F. Secure the bolts placed in the previous step with whiz nuts [3X16Z] from the driver side.
- G. Tighten the fasteners that were loosely installed in Section V Step F.
- H. Tighten the partition fasteners that were left loose in Section IV Step F.

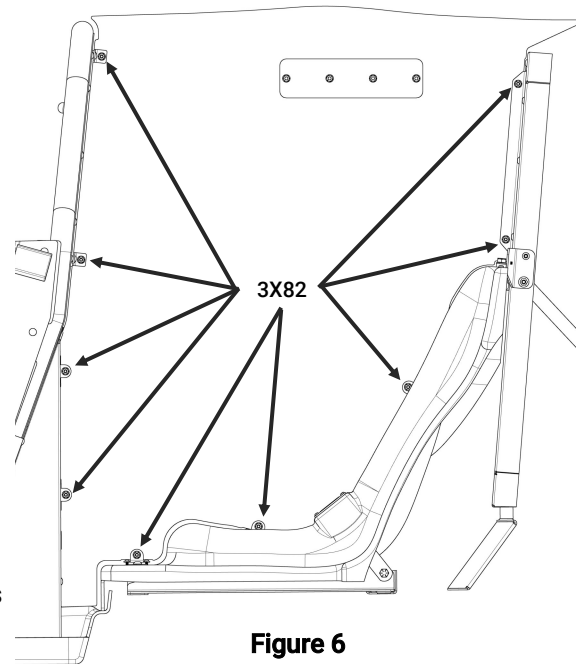


Figure 6

VII. Finishing Steps

- A. Install the partition wings according to the instructions included with them.
- 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	DESCRIPTION
1	1	3P5000	A	PARTITION
2	1	301M472001	A	P1826 DIVIDER
3	1	4PK472000	D	PARTITION KIT
4	1	3LEP472000	B	DRIVER LOWER EXTENSION PANEL
5	1	3LEP472001	B	PASSENGER LOWER EXTENSION PANEL
6	1	3RP472000	C	RECESS PANEL WELDMENT
7	1	4BAR472001	A	2020 UTILITY BARRIER WITH POLY WINDOW
8	1	4BAR472000	A	2020 UTILITY BARRIER KIT
9	1	31RS472000	A	SEAT
10	1	3FLP472000	A	FLOOR PAN
11	1	4TRK472000	A	SEAT KIT
12	1	4WIK472000	D	WING KIT
13	1	4WIK472001	B	BARRIER WING KIT
14	1	4LEK472003	B	WIRE RACWAY COVER KIT
15	1	4LEK472001	B	BS LEP HARDWARE KIT
16	1	4OSB472001	A	OSB KIT
16.1	1	3OSB472009	A	OSB BRACKET WELDMENT, DRIVER
16.2	1	3OSB472010	A	OSB BRACKET WELDMENT, PASSENGER
16.3	2	3OSB109RP	B	CUSTOM SEATBELT BUCKLE FOR OSB KITS
16.4	2	3OSB109RP-1	B	PARTITION BUCKLE
16.5	1	4OSK472000	A	OSB HARDWARE KIT
16.5.1	6	3K616		7/16-20 X 1" GRADE 8 BOLT
16.5.2	4	3K614		7/16-20 GRADE 8 LOCK NUT
16.5.3	2	3OSB472008	A	OSB BUCKLE TRIM PIECE
16.5.4	4	3K36		1/4-20 X 5/8 CARRIAGE BOLT
16.5.5	4	3K16Z		1/4-20 LARGE HEX WHIZ NUT-ZINC
17	1	4PK472007	B	PRO-CELL KIT P1826
17.1	5	301V000000	B	DIVIDER BRACKET
17.2	1	4PK472006	A	PRO-CELL P1826 HARDWARE KIT
17.2.1	11	3K82		1/4-20 X 1 CARRIAGE BOLT
17.2.2	4	3K167		1/4" -20 X 1 1/2 NC
17.2.3	2	3K616		7/16-20 X 1" GRADE 8 BOLT
17.2.4	10	3K274		#10-24X3/4 BUTTON HEAD TORX
17.2.5	13	3K145		BLACK PLASTIC CAP
17.2.6	13	3K16Z		1/4-20 LARGE HEX WHIZ NUT-ZINC
17.2.7	10	3K275		#10-24 NYLON FLANGE NUT
17.3	1	3P8010		DIVIDER VENT PLATE
17.4	4	4GSD07P1		SPACER, DIVIDER VENT PLATE
17.5	2	3G620		BRACKET, ANGLE, BLACK
17.6	1	3D1V472004	A	DIVIDER BARRIER BRACKET
18	1	DPG47NUNT20	A	DOOR PANEL COVER PLATE
19	1	WB47NUPUNT20	A	WINDOW BAR STEEL OEM UNIT 20

