INSTALLATION GUIDE

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

Pro-gard™
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.
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 screwdriver
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.

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.
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.

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.
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).

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 [3REP47200] 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.

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.