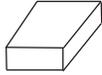


**INSTALLATION GUIDE**  
**PB47UINT16**  
**PUSH BUMPER**  
**2016 - 2019 FORD**  
**POLICE INTERCEPTOR UTILITY**

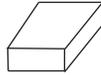
**Pro-gard**<sup>™</sup>  
PRODUCTS LLC.

**STRONG. RELIABLE. SECURE.**

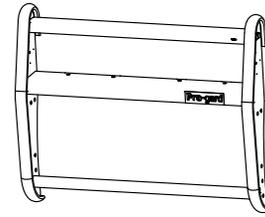
THESE COMPONENTS ARE REQUIRED  
TO INSTALL THE PRO-GARD PUSH BUMPER



4PBHK47UINT16  
BAGGED-HARDWARE KIT



4PBK47UINT16  
BRACKET KIT



4PBT1110  
UNIVERSAL SUV PUSH BUMPER

**I. Refer to the diagram above and on last page to verify all parts were received.**

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

- |                           |                          |                         |
|---------------------------|--------------------------|-------------------------|
| 1. 7/16" Socket W/ driver | 2. 7/16" Open end wrench | 3. 13mm Socket          |
| 4. 13mm Open end wrench   | 5. 3/4" Socket           | 6. 3/4" Open end wrench |
| 7. 10mm Socket            | 8. 5.5mm Socket          | 9. 8mm Socket           |

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

**NOTE:** *Locate all wiring, fuel lines, brake lines, and /or cooling lines before drilling holes or installing any fasteners.*

**IV. Front Fascia Removal**

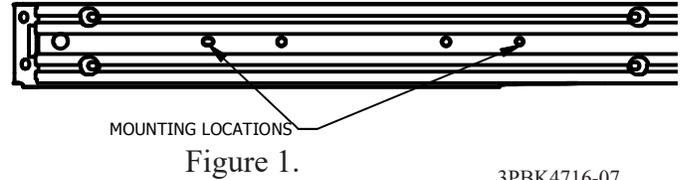
- A. Using a 10mm Socket remove the trim cover located under the hood of the vehicle
- B. Remove the 5.5mm bolts located inside both wheel wells.
- C. Locate and remove the 8mm bolts located on the underside of the vehicle.
- D. Carefully remove the fascia from the vehicle, remove/disconnect any wiring.

## V. Push Bumper Bracket Installation

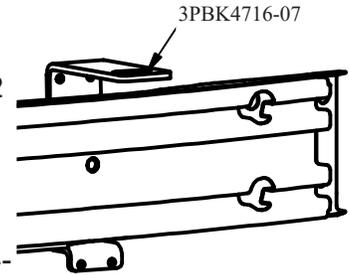
**NOTE:** It may be necessary to remove the front impact member from the vehicle to install the mounting brackets.

A. Place bracket 3PBK4714-07 behind the impact member aligning the slot with the hole located on the drivers side of the impact member. See figure 1&2.

B. Align the mounting holes of 3PBK4716-02 with 3PBK4714-07 and insert the provided 1/4-20 (3X122) bolts into the top mounting holes leaving both loose.



C. Insert 3X155 with 3X1033 into the center hole located in 3PBK4716-02 secure to the back of 3PBK4716-07 with the provided hex nut (3X192) and washer (3X12). Leave the assembly loose.



D. Secure the lower mounting holes with the provided 1/4-20 bolts and 1/4-20 whiz nuts. (3X122 & 3X16SZ)

E. Tighten all bolts and repeat process for passenger side of vehicle. Using brackets 3PBK4716-01 & -03. May need to cut a small portion of the lower bumper lip with a cut-off wheel to facilitate bracket fitment.

F. Cut and remove lower grille trim from both ends so the lower mounting brackets are able to protrude through. See figure 3.

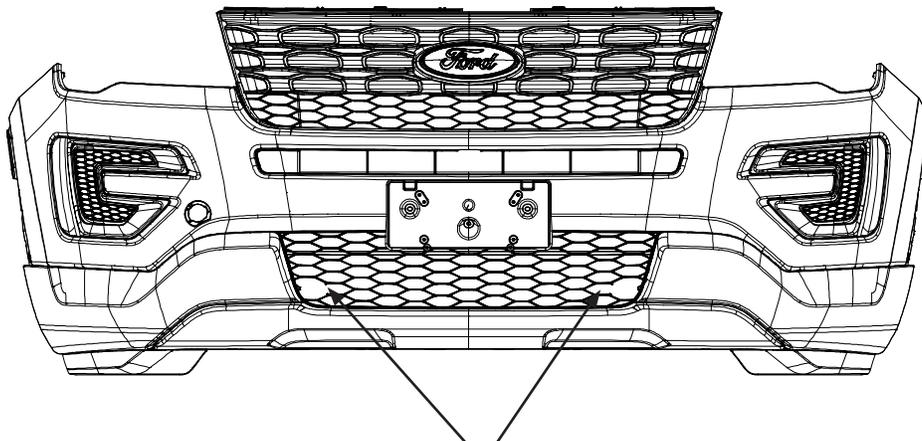


Figure 3.

Cutout trim for brackets

G. Re-Install the front fascia to the front of the vehicle ensuring that the upper and lower mounting points protrude from the vehicle.

## VI. Push Bumper Installation

A. Place brackets 3PBK4714-04 on top of 3PBK4716-03 and 3PBK4716-07 align the holes and secure using the provided lock washer and nut. (3X175 & 3X176) Leave assembly loose for adjustment. Repeat process for opposite side of vehicle.

B. Align bracket 3PBK4714-06 on top of 3PBK4716-01 and secure using the provided 1/2-13 bolts, lockwashers, and nuts.(3x174, 3x175 & 3x176) Repeat process for the opposite side of the vehicle with 3PBK4714-05 on top of 3PBK4716-02.

C. Lift the universal push bumper (4PBT1110) into place aligning the two lower holes of the push bumper with the holes located in brackets 3PBK4714-05/06. Secure the brackets to the push bumper with the provided 1/2-13 bolts, lock washers, and nuts. (3x174, 3x175 & 3x176) See figure 4.

D. Align both 3PBK4714-04 brackets with the slots located in the universal push bumper. Secure with (3X174) 1/2-13 bolt and 3X175 lock washer, 3X176 nut.

E. Ensure that all fasteners are tight and that push bumper is properly secured.

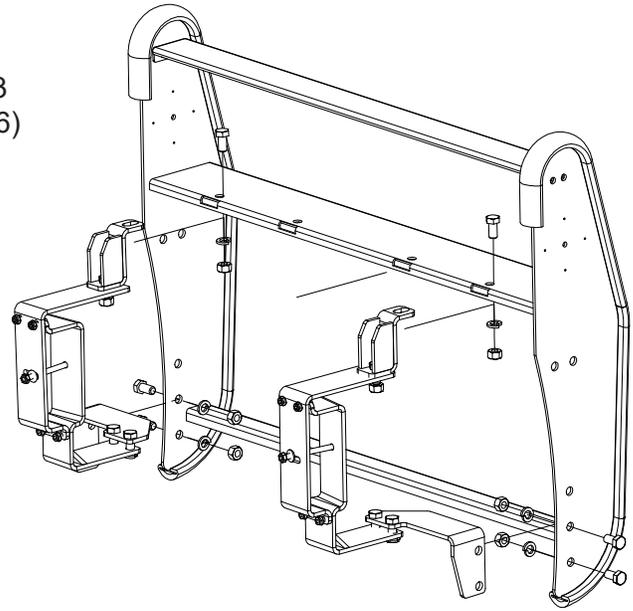


Figure 4.

## VII. Installation Complete

# 2016 UTILITY INTERCEPTOR BOM

FABRICATED PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3PBK4716-01	IMPACT BEAM BRACKET - PASSENGER SIDE
2	1	3PBK4716-02	IMPACT BEAM BRACKET - DRIVER SIDE
3	1	3PBK4716-03	IMPACT BEAM BRACKET - PASSENGER SIDE
4	2	3PBK4714-04	UPPER MOUNTING BRACKET
5	1	3PBK4714-05	LOWER MOUNTING BRACKET
6	1	3PBK4714-06	LOWER MOUNTING BRACKET
7	1	3PBK4716-07	IMPACT BEAM BRACKET - DRIVER SIDE
8	1	4PBTXXX	PUSH BUMPER (PART NUMBER VARIES)

HARDWARE LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
9	10	3X174	1/2-13 x 1" HHCS, GR8, Blk Zn/C
10	2	3X155	M8-1.25x100, HEX HD CAP SCREW 8.8, BLACK
11	2	3X192	M8 X 1.25 HEX NUT, ZINC
12	2	3X12	1/4 FLAT WASHER, BLACK
13	8	3X122	1/4-20 x 1" HHMS, Zn
14	4	3X16SZ	1/4-20 WHIZ NUT
15	12	3X175	1/2" WSHR Split Lock, Blk Zn/C
16	12	3X176	1/2-13 NUT, GR8, Blk Zn/C
17	2	3X1033	10mm Wshr Split Lock, Zn/C

