

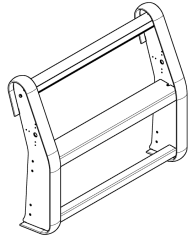
INSTALLATION GUIDE

**2020 - CURRENT
FORD POLICE INTERCEPTOR UTILITY
PUSH BUMPER
PB47UINT20HD**

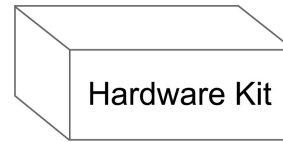
Pro-gardTM
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.

**THESE COMPONENTS ARE REQUIRED
TO INSTALL THE HD PUSH BUMPER**



4BPB472000



4PBK472000

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

- | | | |
|-----------------------|-----------------|-----------------------------|
| A. 10mm socket | D. 13mm socket | G. 9/16" combination wrench |
| B. 7mm socket | E. Razor blade | |
| C. Trim removal tools | F. 9/16" socket | |

II. Read all instructions and refer to the last page 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. Fascia Removal

- Using a 10mm socket, remove the (4) bolts, located underneath the hood, from the top of the grille.
- Using a 7mm socket, remove the (12) fasteners, (6) per side, holding the inner fender liners to the fascia.
- Continuing with the 7mm socket, remove the (7) fasteners along the bottom of the fascia.
- Using a 10mm socket, remove the (4) bolts, (2) per side, located inside the front portion of the front fenders. Increased access to these fasteners can be gained by removing additional fasteners from the inner fender liners.
- Unclip the fender trim on both sides from the fascia using a trim tool if necessary. The rear portion of these plastic trim pieces can remain attached to the metal fenders.
- The front fascia will now be held on with a couple of clips located underneath the headlights and two tabs on the top of the grille near the bolts removed in step (A). Lift the top edge of the grille over the two tabs and gently pull to release the fascia from the vehicle. Unplug or remove any wiring as the fascia is removed. NOTE: do not allow the fascia to hang from any wiring.

IV. Push Bumper Preparation

- Align the lower driver bumper bracket [3PBK472004] with the lower two holes on the driver side of the push bumper [4BPB472000]. Attach, finger tight, using (2) hex bolts [3X603] and (2) flange nuts [3X601] with the flange nuts on the inside of the push bumper. See Figure 1.
- Align the upper driver bumper bracket [3PBK472006] with the upper two holes on the driver side of the push bumper. Attach, finger tight, using another (2) hex bolts [3X603] and (2) flange nuts [3X601].

- C. Repeat steps (A-B) for the passenger side using the lower passenger bumper bracket [3PBK472005] and upper passenger bumper bracket [3PBK472007].
- D. The fasteners installed in this section will be tightened later.

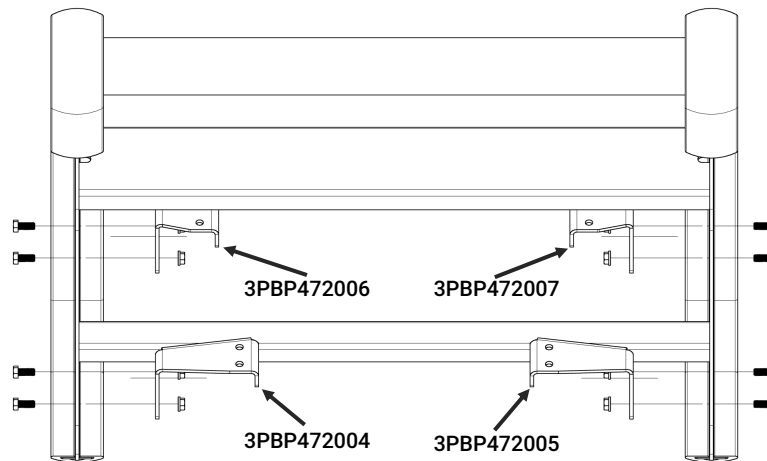


Figure 1

V. Bracket Installation

- A. Using a 13mm socket, remove the (2) lower driver side bolts from the impact bar.
- B. With the lower driver bracket [3PBK472000] and lower shim [3PBK472008] for reference, use a razor blade to trim a hole in the lower rock shield just large enough for the bracket to be inserted and rotated into position.
- C. Secure the lower shim and lower driver bracket in place, finger tight, with the bolts removed in step (A).
- D. Continuing with the 13mm socket, remove the (2) upper driver side bolts from the impact bar.
- E. The upper brackets do not require a shim. With the upper driver bracket [3PBK472002] for reference, use a razor blade to trim a hole in the upper rock shield just large enough for the bracket to be inserted and rotated into position.
- F. Secure the upper driver bracket, finger tight, with the bolts removed in step (D).
- G. Repeat steps (A-F) for the passenger side using the second lower shim [3PBK472008], the lower passenger bracket [3PBK472001], and the upper passenger bracket [3PBK472003].
- H. The fasteners installed in this section will be tightened later.

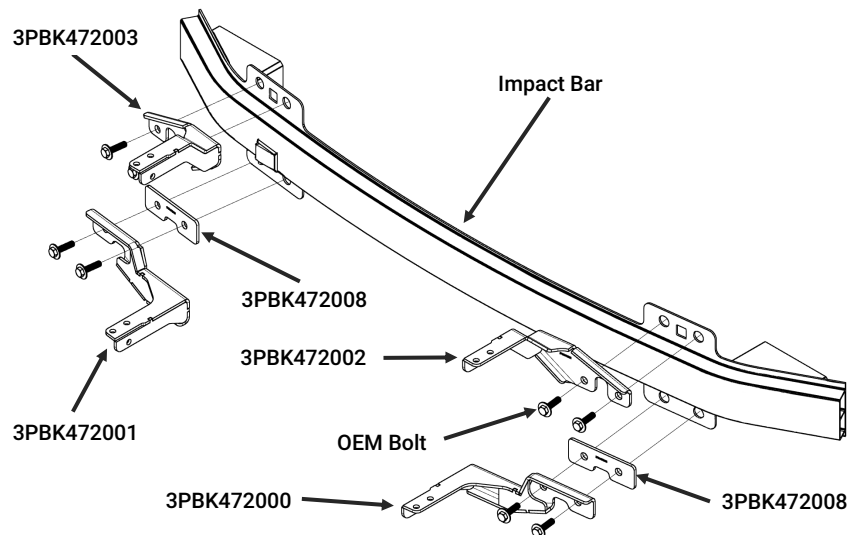


Figure 2

VI. Bracket Alignment

- A. Hang the push bumper as prepared in section IV on the brackets installed in section V.
- B. Using the provided hex bolts [3X603] and flange nuts [3X601], fasten the four joints with at least (2) fasteners in each - one horizontal and one vertical. Use a 9/16" combination wrench and a 9/16" socket to tighten the bolts. Tightening these fasteners will align the brackets that had been installed finger tight.
- C. Ensure the push bumper is centered on the vehicle. Using a 13mm socket, tighten the (8) OEM impact bar fasteners.
- D. Using a 9/16" combination wrench and a 9/16" socket, tighten the (8) fasteners between the push bumper and the push bumper brackets that were installed in section IV. NOTE: it is recommended to only turn the nut when tightening to avoid damaging the powder coat on the push bumper.
- E. Remove the fasteners installed in step (B).
- F. Remove the push bumper and set aside.

VII. Fascia Reinstallation

- A. Slide the fascia over the push bumper brackets. The upper brackets pass through the opening just below the grille and the lower brackets pass through the middle opening in the lower portion of the fascia. See Figure 3. No trimming is required.
- B. Clip the fascia back in underneath the headlights and lift the top of the grille back over the two tabs underneath the hood.
- C. Clip the fender trim back into place on both sides and reinstall all the fasteners removed in section III.

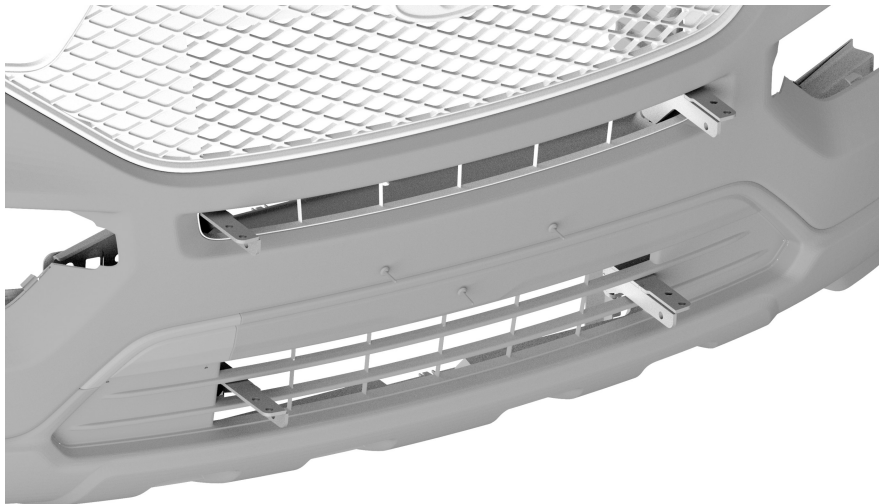


Figure 3

VIII. Push Bumper Installation

- A. Hang the push bumper on the brackets.
- B. Align all (12) holes and install a hex bolt [3X603] and a nut [3X601] into each hole and fully tighten with a 9/16" combination wrench and a 9/16" socket.
- C. Ensure all fasteners are tight.

IX. Wire Cover Installation

- A. Twist the rubber bumper material away from the inside of the push bumper between the top and middle crossmembers. Do this on the front and back edges of the push bumper and on both driver and passenger sides.
- B. Slide the driver side wire cover [3PBP472004] against the driver side push bumper upright and slide the passenger side wire cover [3PBP472005] against the passenger side push bumper upright.
- C. Tuck the rubber bumper material back into place between the edge of the push bumper and the wire covers.
- D. Ensure the wire covers are securely in place.

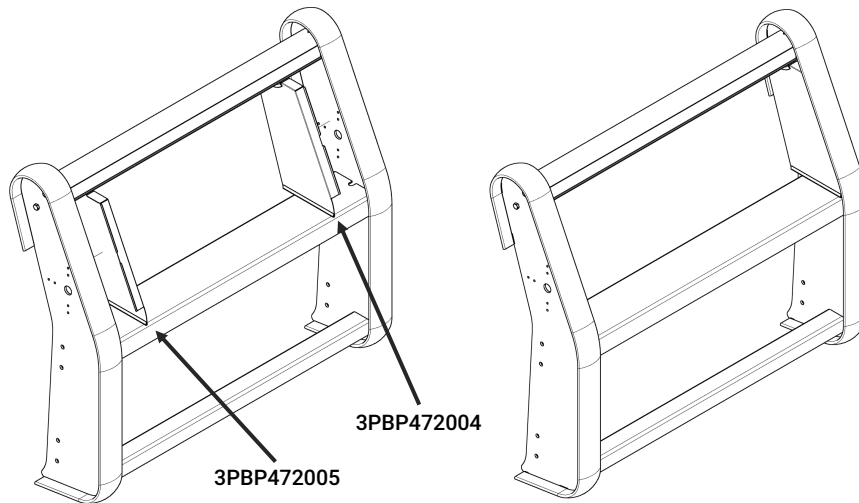


Figure 4

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	4BPB472000	B	PUSH BUMPER ASSEMBLY
2	1	3PBP472004	A	DRIVER WIRE COVER
3	1	3PBP472005	A	PASSENGER WIRE COVER
4	1	3PBP472000	A	LOWER DRIVER BRACKET
5	1	3PBP472001	A	LOWER PASSENGER BRACKET
6	1	3PBP472002	A	UPPER DRIVER BRACKET
7	1	3PBP472003	A	UPPER PASSENGER BRACKET
8	1	3PBP472004	B	LOWER DRIVER BUMPER BRACKET
9	1	3PBP472005	B	LOWER PASSENGER BUMPER BRACKET
10	1	3PBP472006	B	UPPER DRIVER BUMPER BRACKET
11	1	3PBP472007	B	UPPER PASSENGER BUMPER BRACKET
12	2	3PBP472008	A	LOWER SHIM
13	20	3X601	A	3/8-16 SERATED FLANGE HEX NUT, BLACK ZINC
14	20	3X603	A	3/8-16 X 0.875" HEX HEAD BOLT, BLACK ZINC

