

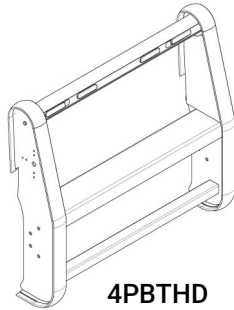
# **INSTALLATION GUIDE**

**PUSH BUMPER  
PB82FT23HD  
2017+ FORD F-SUPER DUTY**

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

**STRONG. RELIABLE. SECURE.**

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



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

- |                |                  |                |
|----------------|------------------|----------------|
| A. 18mm socket | C. 3/4" socket   | E. Impact gun  |
| B. 3/4" wrench | D. Socket wrench | F. 10mm socket |

**II. Read all instructions and refer to the last page to ensure all parts were received**

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**WARNING:** *Locate all wiring, fuel lines, brake lines, coolant lines, and refrigerant lines before drilling any holes or installing any self-drilling fasteners.*

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**III. Removal of bumper trim**

- A. Remove the right and left plastic trim surrounding the tow hooks. The 2017-2019 plastic trim can be trimmed for clearance with the push bumper brackets and reinstalled. The 2020+ trim will be left off the bumper.
- B. Remove the two inside bumper mounting bolts on each side. Loosen both bolts before removing completely as the nut plate on the back will spin. Retain these bolts and nut plates for attaching the push bumper brackets.

**IV. Installing the Push Bumper Mounting Brackets**

- A. Assemble the drivers side push bar bracket [3BPB822300] to the drivers side bumper mount placing a mount spacer [3BPB822302] in between the push bar bracket and bumper mount. Use the factory bolts and factory nut plate for this step.
- B. Repeat for the passenger side using the passenger mounting bracket [3BPB822301].
- C. The bolts installed in this section will be tightened later.

## V. Push Bumper Installation

- A. Carefully align the four holes located on each side of the of the push bumper [4PBTHD] with both mounting brackets [3PBP822300 and 3PBP822301] four hole locations. Secure the push bumper to the brackets using the provided (8) [3X301] 1/2-13X1" bolts and (8) [3X220] 1/2-13 nuts. (see next page)
- B. The bolts installed in this section will be tightened later.

## VI. Support Bracket Installation

- A. Remove the air dam from the bottom of the bumper.
- B. Remove the factory brackets on both sides of the frame rail that hang behind the bumper. One set of hardware per side will be reused.
- C. Install the passenger lower bracket [3PBP8223004] on the outside of the frame (See figure 1) using one set of factory hardware.
- D. Install the drivers lower bracket [3PBP8223003] similar to the passenger side.
- E. Fasten the lower brackets [3PBP822303 and 3PBP822304] to the push bumper [4PBTHD] using (4) [3X301] 1/2-13X1" bolts and (4) [3X220] 1/2-13 nuts.
- F. The bolts installed in this section will be tightened later.



Figure 1

## VII. Final Steps

- A. Check for proper alignment vertically and tighten all (8) bolts fastening mounting brackets [3PBP822300 and 3PBP822301] to the push bar [4PBTHD] .
- B. Tighten the factory bumper mount bolts (4).
- C. Tighten the (4) lower bolts fastening the lower brackets [3PBP822303 and 3PBP822304] on the push bumper [4PBTHD].
- D. Tighten the nuts on the truck frame (4).
- E. If it is desired to reattach the air dam, mark the locations of the lower push bar brackets and trim the air dam for clearance. Reinstall with the factory bolts.

## 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	DESCRIPTION
1	1	4PBTHD	PASSENGER MOUNT
2.1	1	3PBP822301	DRIVERS SIDE BRACKET
2.2	1	3PBP822300	MOUNT SPACER
2.3	2	3PBP822302	PUSH BUMPER LOWER BRACKET DVR
2.4	1	3PBP822303	PUSH BUMPER LOWER BRACKET PASS
2.5	1	3PBP822304	PB HARDWARE KIT HD FORD SD
2.6	1	4PBK822301	

