



March 11, 2025

Revision B

A division of Troy Sheet Metal Works, Inc.
1024 South Vail Avenue, Montebello, CA 90640
www.troyproducts.com 323 720-4100

Part No: PB-20UV-MNTBKT
Description: Front Push Bumper

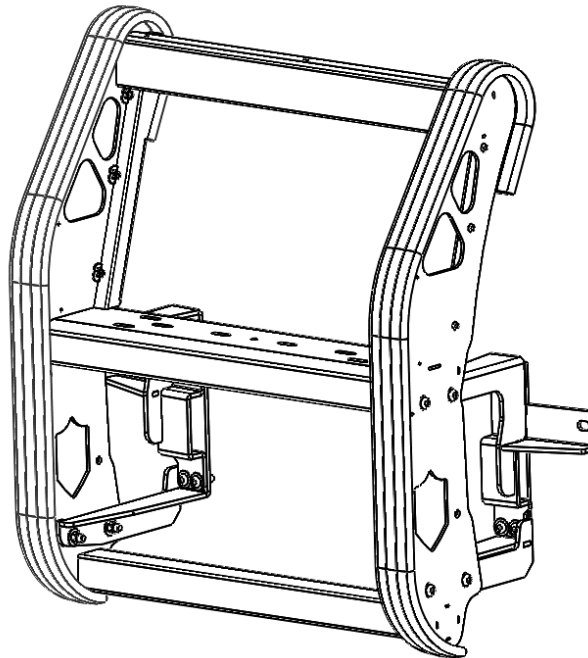
Vehicle: Ford PIUV
Model year: 2020+



Tools Required: 7/32 Allen wrench 9/16 socket/wrench
5/32 Allen wrench Jig saw + metal blade

Troy Products recommends reading through all installation instructions prior to installation to check all necessary parts have been included (check against bill of materials table.)

IMPORTANT NOTE: This Push Bumper Assembly can be installed with the optional stiffener plates or the optional brush guards.

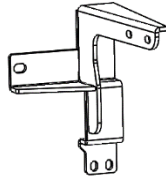
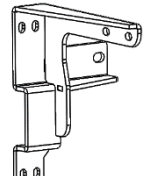
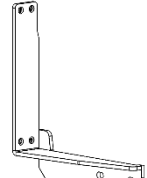
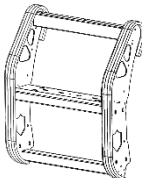
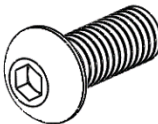


Quick Guide

1. Remove the OEM bumper cover.
2. Remove the radiator airflow chutes.
3. Install the mounting brackets (do not tighten hardware)
4. Test fit push bumper
5. Tighten down mounting bracket fasteners (30-35 ft-lbs.)
6. Remove push bumper.
7. Trim and reinstall the radiator airflow chutes.
8. Trim and reinstall the grille and bumper cover assembly.
9. Install and align the push bumper. Tighten fasteners (30-35 ft-lbs.)

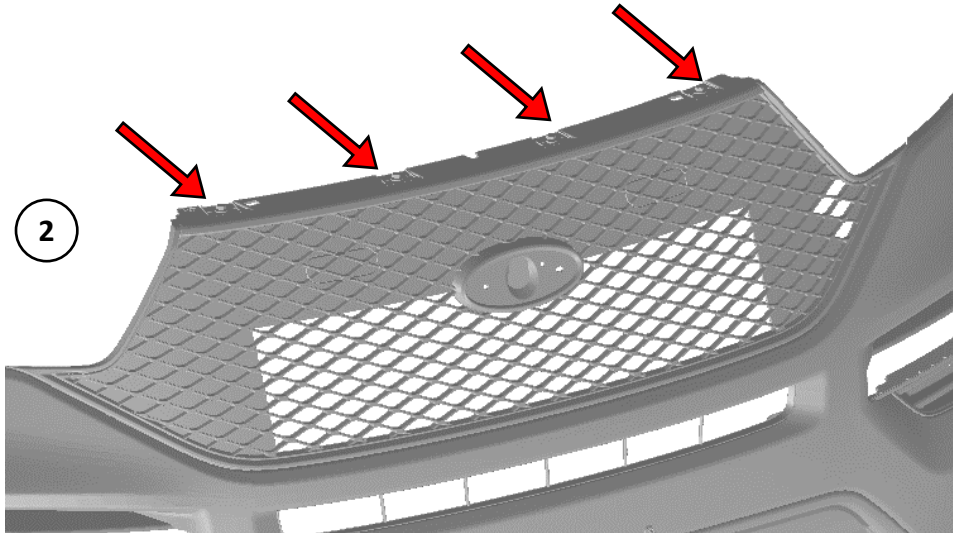
PB-2UV-PSHASM

PB-20UV-PSHASHM - BILL OF MATERIALS

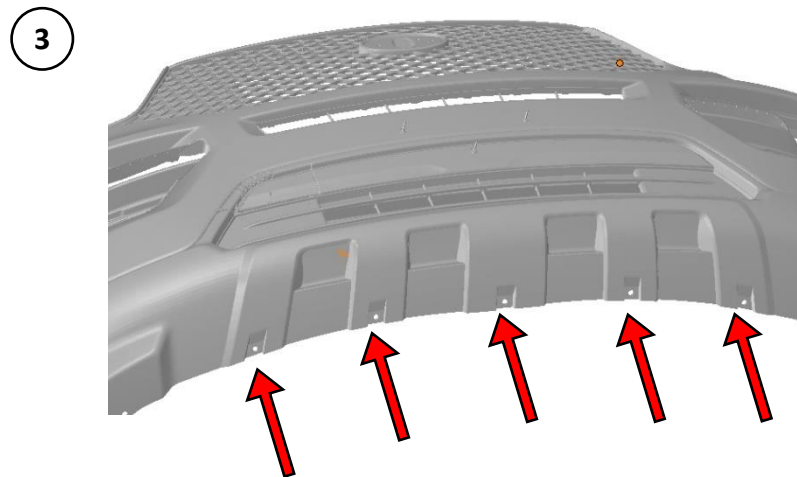
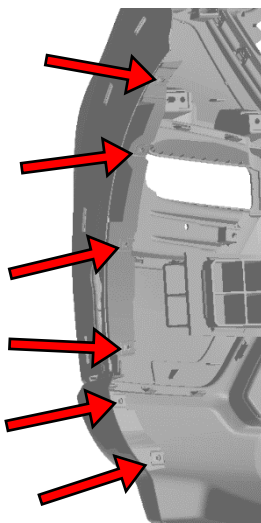
PARTS			
Part number: PB-20UV-MNTBKT-#bbwp Description: BUMPER BRACKET WELDMENT-PS QTY: 1		Part number: PB-20UV-MNTBKT-#bbwd Description: BUMPER BRACKET WELDMENT-DS QTY: 1	
Part number: PB-20UV-MNTBKT-#lsbwp Description: LOWER SUPPORT BRACKET WELDMENT-PS QTY: 1		Part number: PB-20UV-MNTBKT-#lsbwd Description: LOWER SUPPORT BRACKET WELDMENT- DS QTY: 1	
Part number: PB-UNIV-UPRSML Description: PUSH BUMPER UPRIGHT SMALL QTY: 1		Part number: PB-UNIV-UPRSML-WIRE-#swcp Description: SMALL STEEL WIRE CHANNEL-PS QTY: 1	
Part number: PB-UNIV-UPRSML-WIRE-#swcd Description: SMALL STEEL WIRE CHANNEL-DS QTY: 1			
HARDWARE			
Part number: 1-FST-06-61215-AL2 Description: 3/8-16 X 1-1/4" BH CAP SCREW QTY: 16		Part number: 1-FST-50-11208-AL2 Description: 3/8 BLACK FLAT WASHER QTY: 16	
Part number: 1-FST-35-31200-AL2 Description: 3/8-16 NYLON INSERT LOCKNUT QTY: 8		Part number: 1-FST-06-60820-AL2 Description: 1/4-20 x 1/2" BH CAP SCREW QTY: 6	
Part number: 1-FST-35-31000 Description: 1/4-20 NYLOCK NUT QTY: 6			

Installation

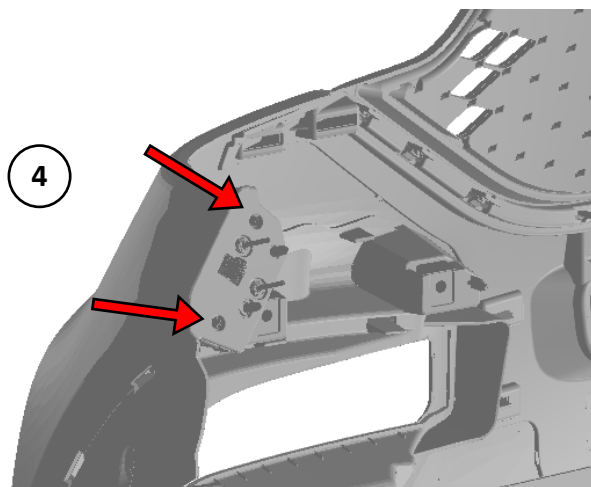
- 1.) Remove the entire factory front bumper cover and grill assembly. There are several screws and plastic fasteners securing the bumper fascia to the front of the vehicle. Take care not to damage the bumper cover assembly as it is removed.
- 2.) Open the hood and remove the 4 screws that attach the upper grill to the front structure.



- 3.) Remove 4 screws and 2 plastic rivets located in the wheel wells (this is typical on both driver and passenger sides). Also, remove all the lower screws under the vehicle to loosen the bottom part of the bumper cover assembly.



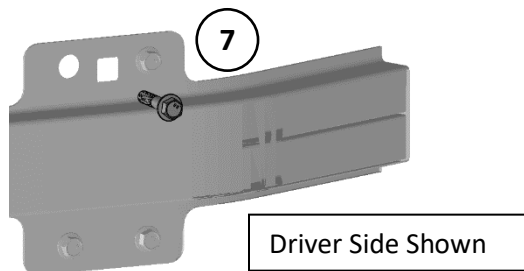
4.) Remove the 2 screws under the fender (This is typical on both driver and passenger sides).



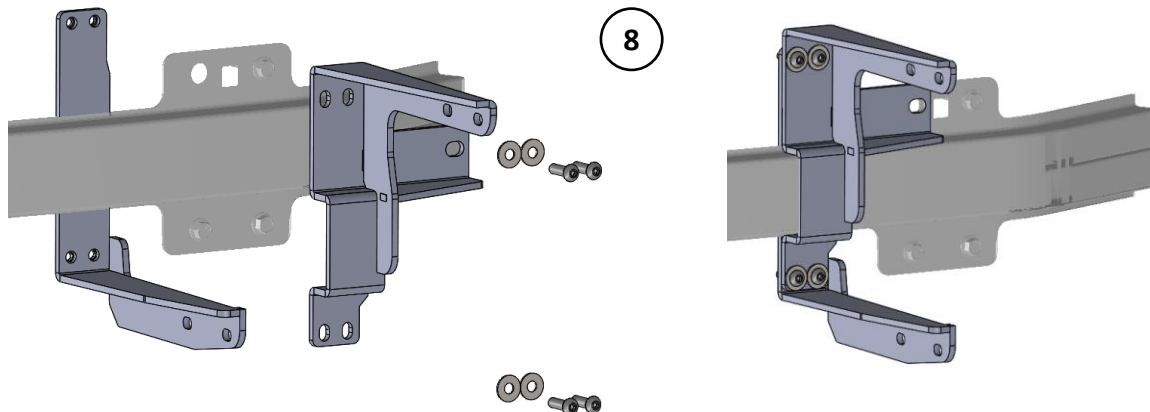
5.) Carefully remove the entire front bumper and grill assembly

6.) Remove the radiator airflow chutes by pulling forward and detaching them from the radiator support.

7.) Remove the upper inside bumper bolts on both driver and passenger sides.

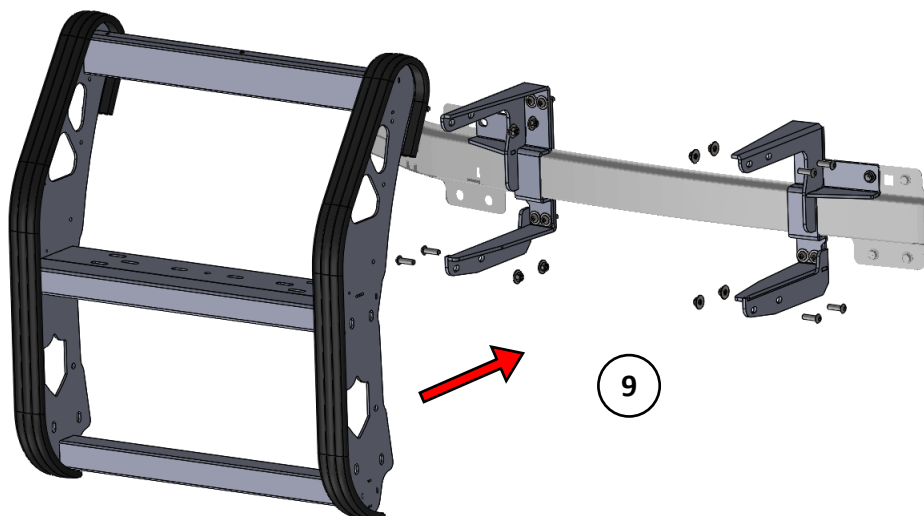


8.) Install the driver (#bbwd & #lsbwd) and passenger (#bbwp & #lsbwp) clamp brackets using the provided (Qty-8) 3/8-16 x 1-1/4"lg BH Cap Screws (1-FST-06-61215). **DO NOT TIGHTEN HARDWARE AT THIS TIME**



- 9.) Test fit the push bumper (PB-UNIV-UPRSMML) with the bumper cover assembly off to ensure proper fitment. Line up all the holes and secure with the provided (Qty-8) 3/8-16 X 1-1/4" long BH Cap Screws.

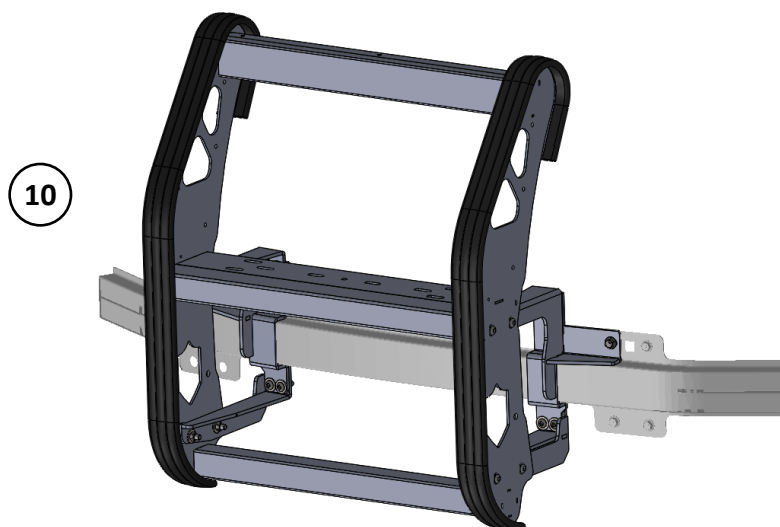
DO NOT TIGHTEN HARDWARE AT THIS TIME



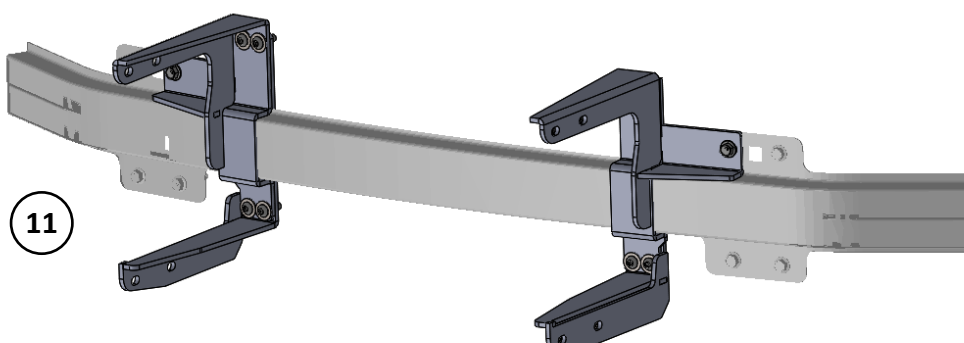
- 10.) Align and adjust the push bumper as necessary. Tighten the fasteners to 30-35 ft-lbs.

TIGHTEN DOWN THE MOUNTING BRACKET HARDWARE ONLY.

DO NOT TIGHTEN THE PUSH BUMPER HARDWARE AT THIS TIME.

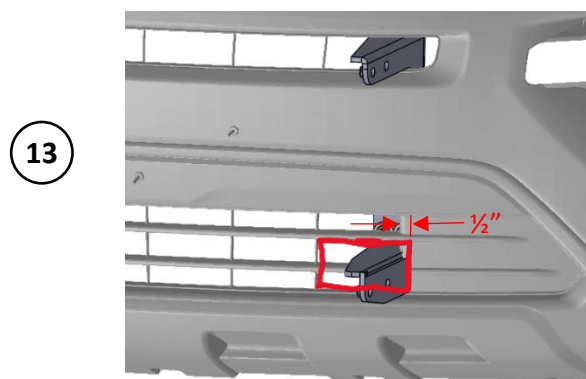


- 11.) Remove the push bumper and follow **Steps 12-14** to reinstall the grille and bumper cover assembly.

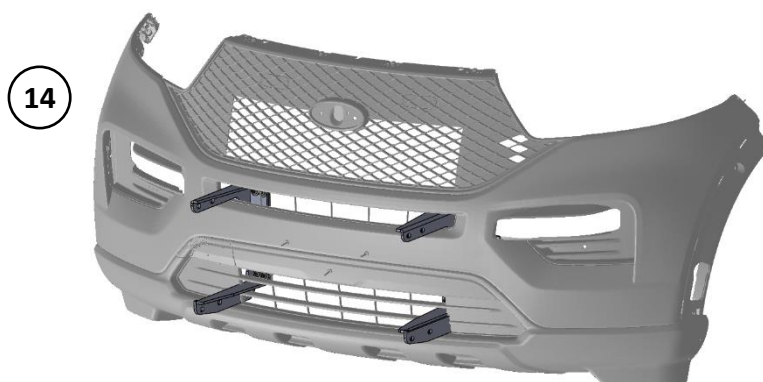


12.) Reinstall the radiator airflow chutes. Care must be taken to trim the air chutes to clear the mounting brackets.

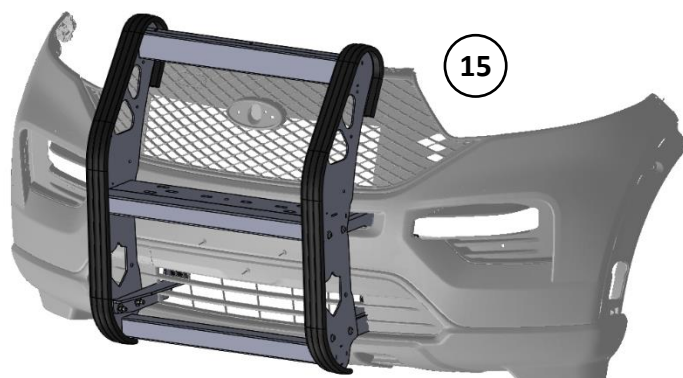
13.) Before installing the bumper cover assembly, trim the lower grill slots and $\frac{1}{2}$ " of the solid area on both sides as needed to clear the mounting brackets.



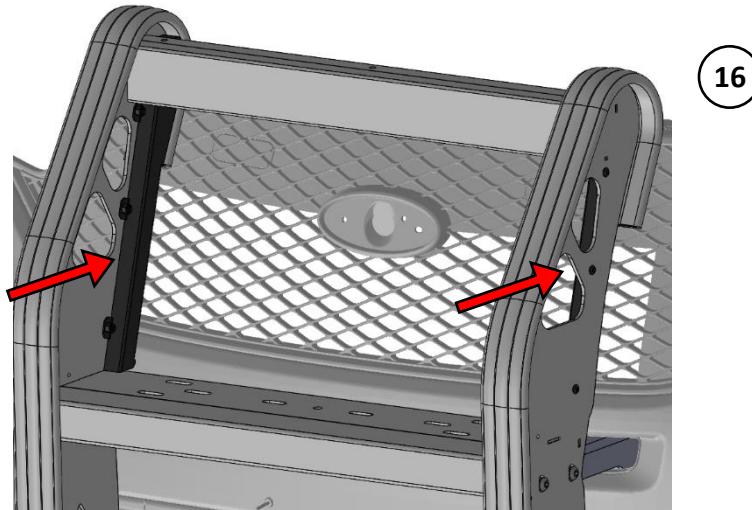
14.) Carefully reinstall the front grill and bumper cover assembly.



15.) Install and align the push bumper using the provided (Qty-8) 3/8-16 x 1-1/4"lg BH Cap Screws. Tighten all fasteners to 30-35 ft-lbs.



- 16.) Install the two wire covers (#swcd & #swcp) with the provided (Qty-6) ¼-20 x 5/8"lg BH Cap Screws and the (Qty-6) ¼-20 Nylock Nuts. **THE WIRE COVERS SHOULD BE INSTALLED ONLY AFTER ALL THE LIGHTING HAS BEEN PROPERLY INSTALLED**



Your installation is now complete. If you have any questions or suggestions for adding additional instructions, please call **Customer Service at (800) 700-8769.**