



Sept. 10, 2024

Revision A

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

Part No: PB-21F1-MNTBKT
Description: Front Push Bumper

Vehicle: For F150
Model year: 2021+

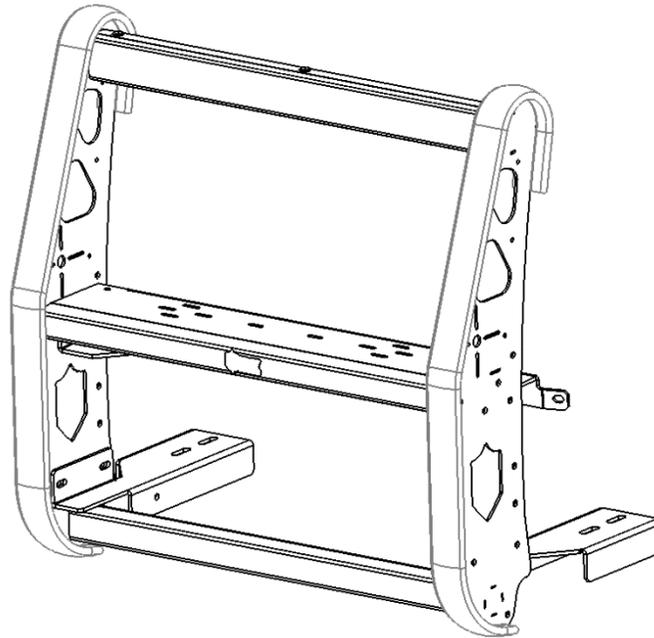


Tools Required:

7/32 Allen wrench	9/16 socket/wrench
5/32 Allen wrench	Jig saw + metal blade
13mm socket/wrench	16mm socket/wrench

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.

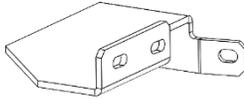
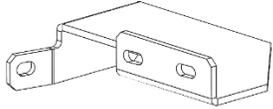


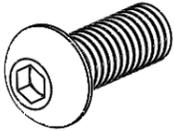
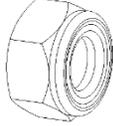
Quick Guide

1. Remove the front facia trim and the OEM grill.
2. Remove the tow hooks.
3. Install the lower mounting brackets
4. Install the upper mounting brackets
5. Tighten down mounting bracket fasteners (30-35 ft-lbs.)
Trim and reinstall the grille and front facia assembly.
6. Install and align the push bumper. Tighten fasteners (30-35 ft-lbs.)

PB-21F1-PSHASM

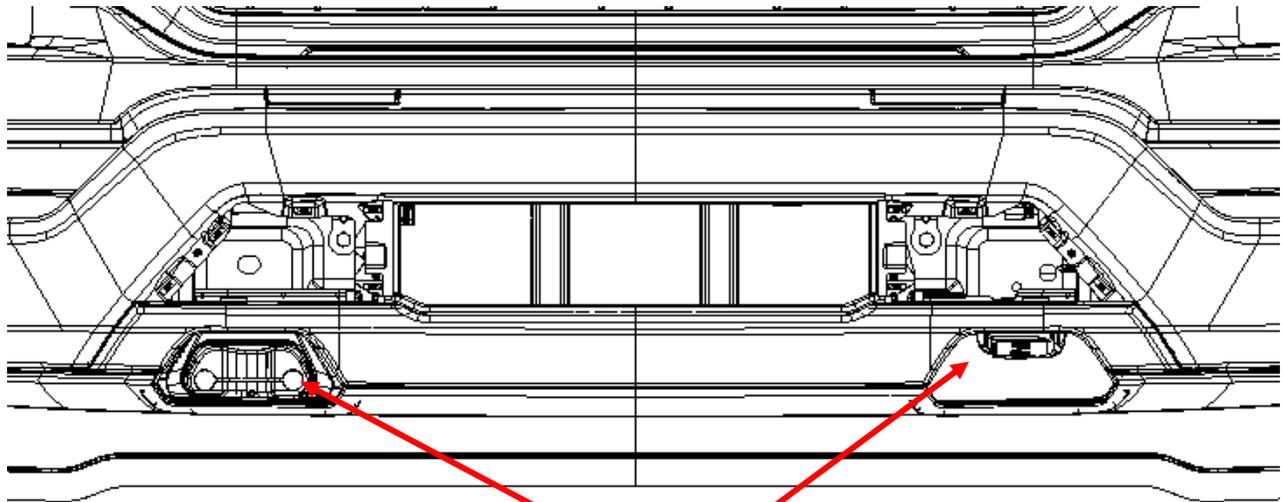
PB-21F1-PSHASHM - BILL OF MATERIALS

PARTS	
<p>Part number: PB-21F1-MNTBKT-#ubd</p> <p>Description: INNER FRAME BRACKET WELDMENT-DS</p> <p>QTY: 1</p>	 <p>Part number: PB-21F1-MNTBKT-#ubp</p> <p>Description: INNER FRAME BRACKET WELDMENT-PS</p> <p>QTY: 1</p>
<p>Part number: PB-21F1-MNTBKT-#ptvd</p> <p>Description: LOWER MOUNTING BRKT WELDMENT -DS</p> <p>QTY: 1</p>	 <p>Part number: PB-21F1-MNTBKT-#ptvp</p> <p>Description: LOWER MOUNTING BRKT WELDMENT-PS</p> <p>QTY: 1</p>
<p>Part number: PB-UNIV-UPRLRG</p> <p>Description: PUSH BUMPER UPRIGHT LARGE</p> <p>QTY: 1</p>	 <p>Part number: PB-UNIV-UPRLRG-WIRE-#swcd</p> <p>Description: LARGE STEEL WIRE CHANNEL-DS</p> <p>QTY: 1</p>
<p>Part number: PB-UNIV-UPRLRG-WIRE-#swcp</p> <p>Description: LARGE STEEL WIRE CHANNEL-PS</p> <p>QTY: 1</p>	

HARDWARE	
<p>Part number: 1-FST-06-61215</p> <p>Description: 3/8-16 X 1-1/4" BH CAP SCREW</p> <p>QTY: 8</p>	 <p>Part number: 1-FST-50-11208</p> <p>Description: 3/8 BLACK FLAT WASHER</p> <p>QTY: 16</p>
<p>Part number: 1-FST-35-31222</p> <p>Description: 3/8-16 Nylon Insert Locknut - Black Zinc</p> <p>QTY: 8</p>	 <p>Part number: 1-FST-06-60825</p> <p>Description: 1/4-20 x 5/8" BH CAP SCREW</p> <p>QTY: 6</p>
<p>Part number: 1-FST-35-31000</p> <p>Description: 1/4-20 NYLOCK NUT</p> <p>QTY: 6</p>	 <p>Part number: 1-FST-02-M1250</p> <p>Description: M12-1.75 x 50MM FLGD HEX BOLT</p> <p>QTY: 4</p>

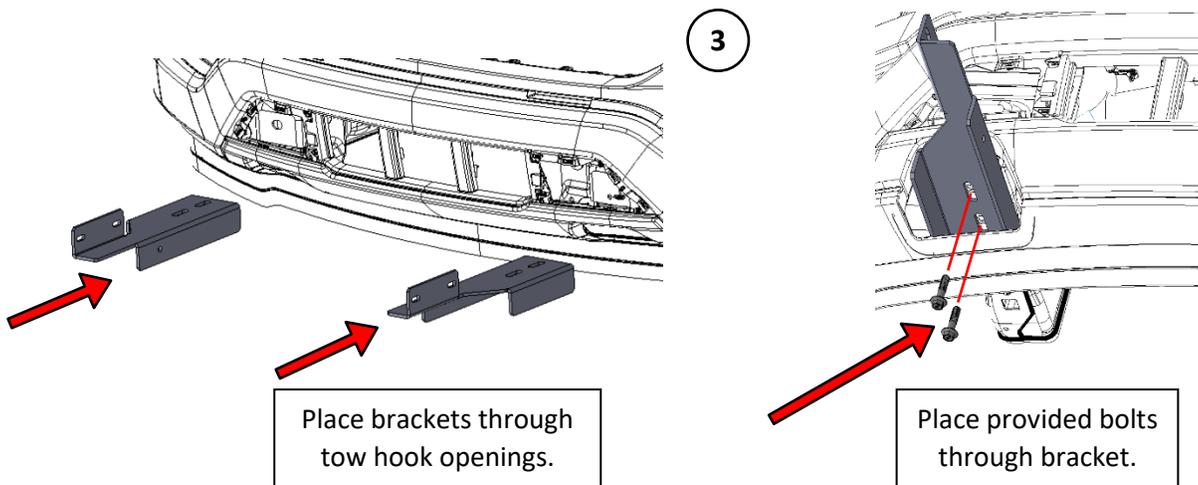
Installation

- 1.) Remove the fascia assembly & front grill. There are several screws and plastic fasteners securing the grill and fascia to the front of the vehicle. Take care not to damage the grill fascia assembly as it is removed.
- 2.) If the vehicle is equipped with tow hooks, remove them and clear the openings for the new mounting brackets. (As shown below)

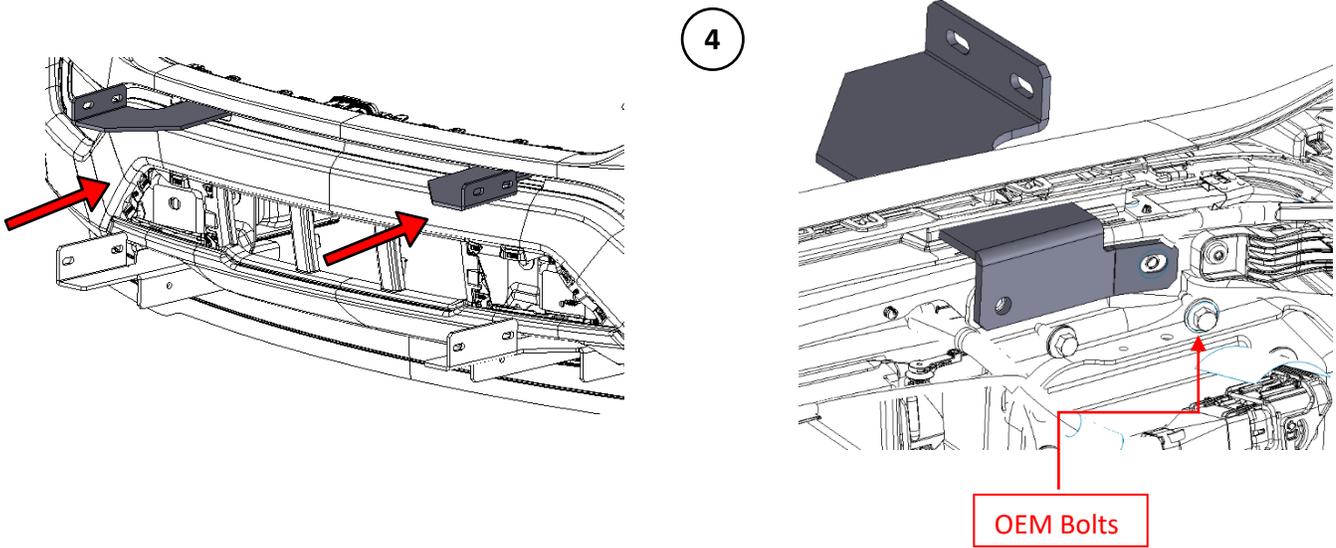


Remove the OEM grommets in this Areas

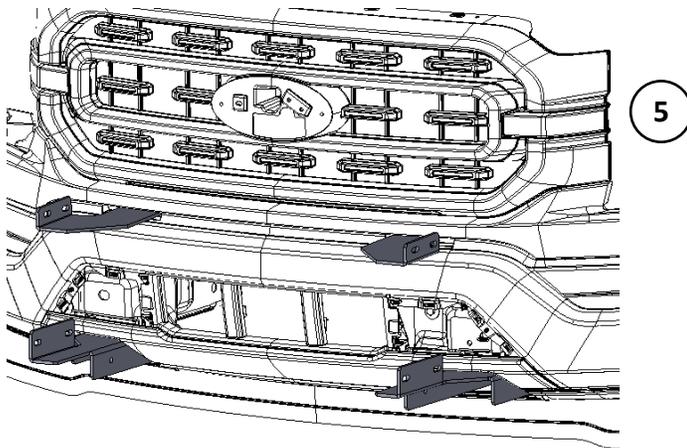
- 3.) Install the driver and passenger lower mounting brackets to the frame of the vehicle. Slide the lower brackets through the tow hook openings and line up the holes on the bracket to the vehicle. Secure the mounting brackets with the provided M12-1.75 x 50mm bolts. Tighten hardware to 30-35 ft/lbs.



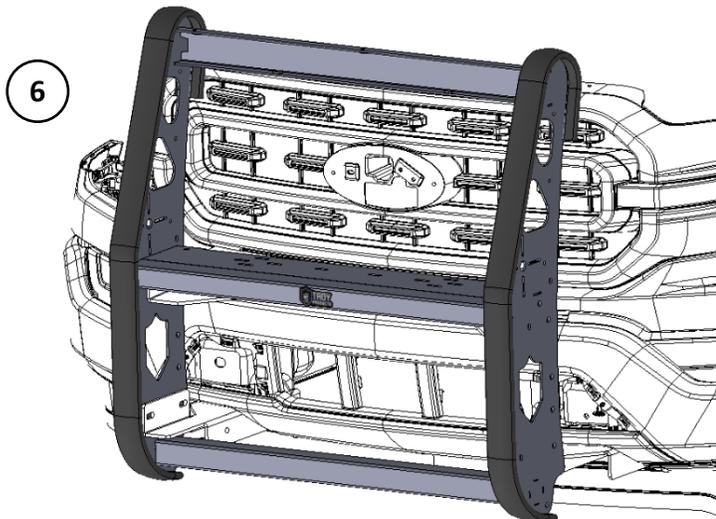
4.) Install driver and passenger upper mounting brackets to the vehicle using the provided 3/8-16 x 1-1/4"lg BH cap screws. Tighten to 30-35 ft/lbs.



5.) Reinstall the front fascia and grill assembly.



6.) Install the push bumper assembly using the provided 3/8-16 x 1-1/4"lg BH cap screws (Qty-8). Align the push bumper and tighten all fasteners to 30-35 ft-lbs.



- 7.) 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.**