



Jan 14, 2022

Revision 0

A division of Troy Sheet Metal Works, Inc.  
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www.troyproducts.com 323 720-4100

Part No: PM-21F150  
Description: Partition Mounting Kit

Vehicle: Ford F150  
Model year: 2021



**Troy Products recommends reading through all installation instructions prior to installation to check that all necessary parts have been included. To comply with manufacturer's safety ratings, all OEM self-threading bolts that are removed must be discarded and replaced with unused bolts at manufacturer's torque requirement.**

**Tools Required**

Wrenches: 5/32" allen key, 3/16" allen key

Drivers: 7/16", 9/16", 7mm, 10mm, T55

Misc: Body Panel Removal Tools

**Tools Required for Civilian Model**

Wrenches: 5/32" allen key, 3/16" allen key

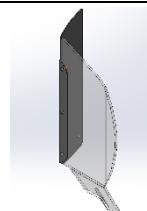
Drivers: 7/16", 9/16", 7mm, 10mm, T55

Misc: Body Panel Removal Tools

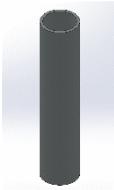
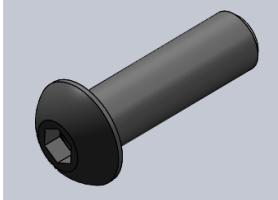
PM-21F150

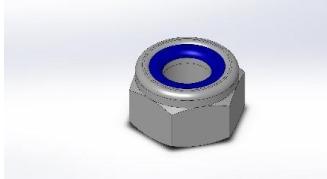
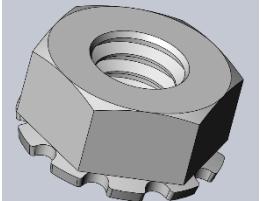
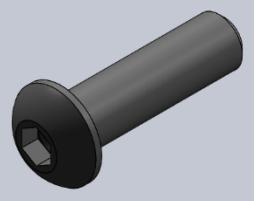
# PM-21F150 - BILL OF MATERIALS

## PARTS

<b>Part number:</b> 2-SAB-F150-15-#fb  <b>Description:</b> FOOT BRACKET  <b>QTY:</b> 2	 <b>Part number:</b> 2-SAB-F150-15-#uwad  <b>Description:</b> DRIVER SIDE UPPER WING ASSEMBLY  <b>QTY:</b> 1
<b>Part number:</b> 2-SAB-F150-15-#uwap  <b>Description:</b> PASSENGER SIDE UPPER WING ASSEMBLY  <b>QTY:</b> 1	 <b>Part number:</b> 2-SAB-F150-15-#lwp  <b>Description:</b> PASSENGER SIDE LOWER WING  <b>QTY:</b> 1
<b>Part number:</b> 2-SAB-F150-15-#lwd  <b>Description:</b> DRIVER SIDE LOWER WING  <b>QTY:</b> 1	 <b>Part number:</b> PM-21F1-#bpasm  <b>Description:</b> B PILLAR ASSEMBLY, PASSENGER  <b>QTY:</b> 1
<b>Part number:</b> PM-21F1-#bdasm  <b>Description:</b> B PILLAR ASSEMBLY, DRIVER  <b>QTY:</b> 1	

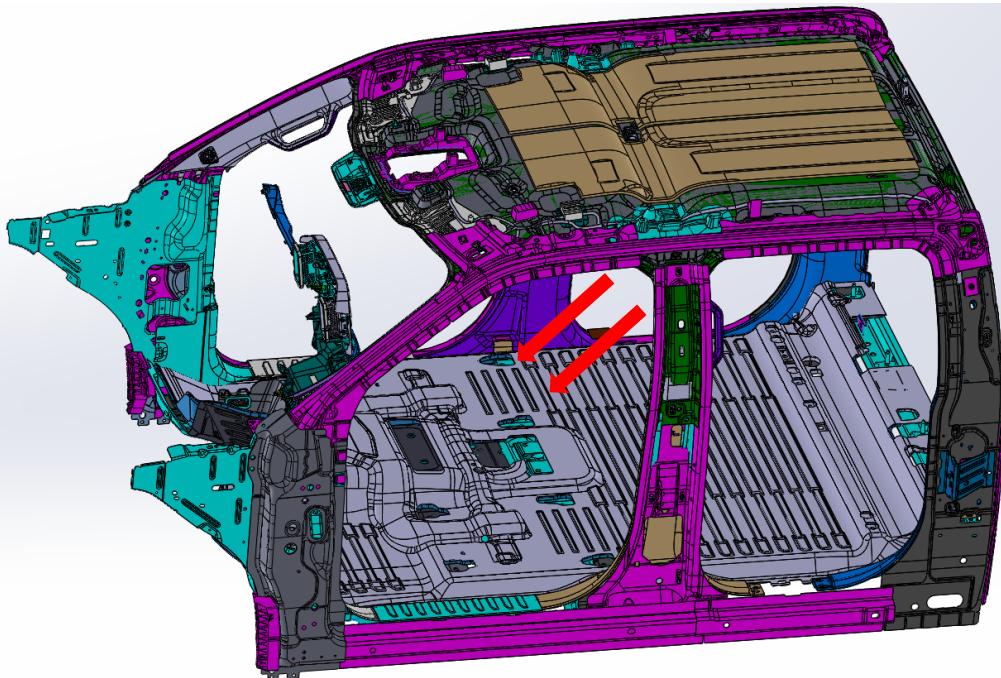
## HARDWARE

<b>Part number:</b> 2-SAB-FS-075  <b>Description:</b> Partition Spacer 7.5"  <b>QTY:</b> 2	 <b>Part number:</b> 1-FST-06-61215  <b>Description:</b> 3/8-16 x 1.25" BH Socket Screw  <b>QTY:</b> 4
<b>Part number:</b> 1-FST-06-61210  <b>Description:</b> 3/8-16 x 1" BH Allen  <b>QTY:</b> 4	 <b>Part number:</b> 1-FST-41-61200  <b>Description:</b> 3/8-16 Flanged Nut  <b>QTY:</b> 4

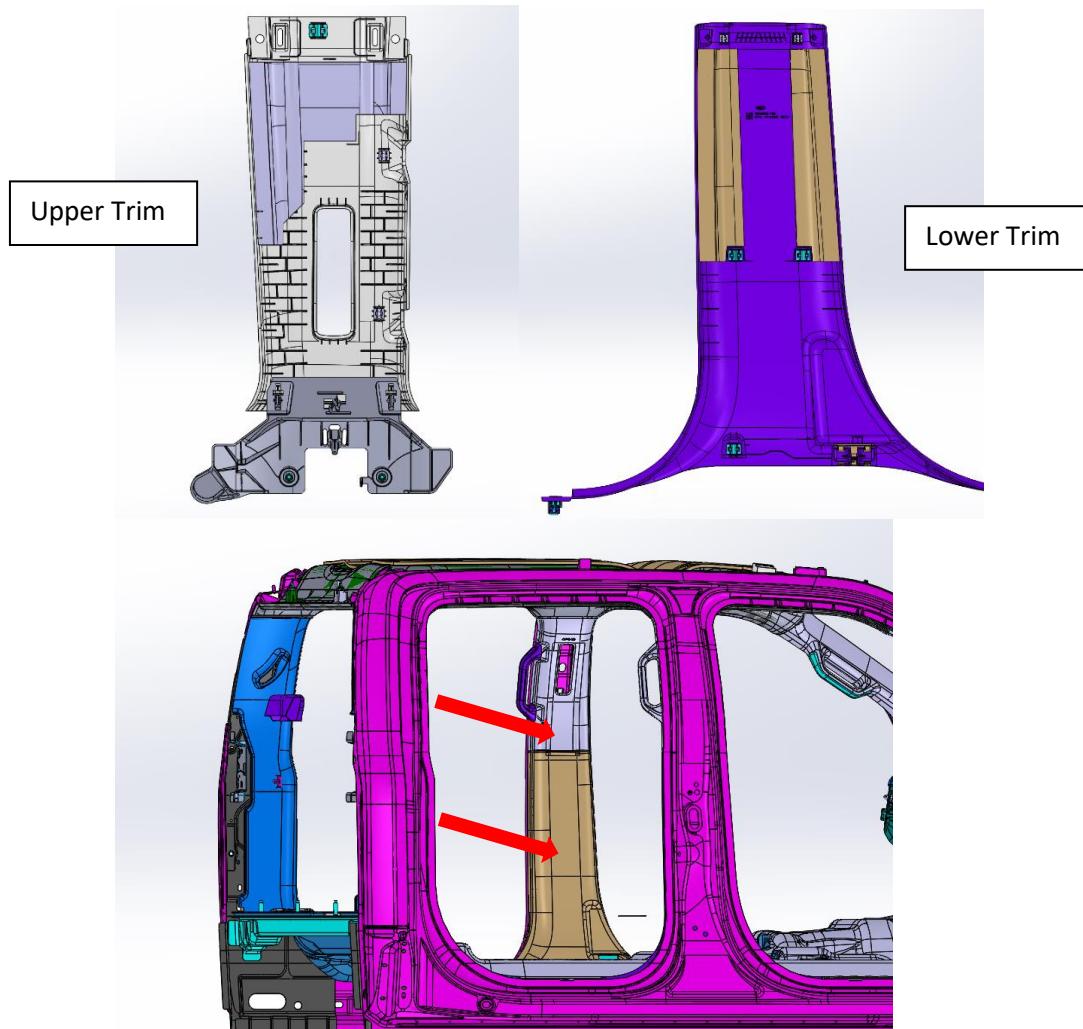
<b>Part number:</b> 1-FST-35-31000  <b>Description:</b> 1/4-20 Nylon Nut  <b>QTY:</b> 4		<b>Part number:</b> 1-FST-50-11208  <b>Description:</b> 3/8" USS Flat Washer  <b>QTY:</b> 4	
<b>Part number:</b> 1-FST-35-32250  <b>Description:</b> 1/4-20 KEPS nut  <b>QTY:</b> 4		<b>Part number:</b> 1-FST-06-60835  <b>Description:</b> 1/4-20 x 7/8" BH Allen  <b>QTY:</b> 4	
<b>Part number:</b> 1-FST-50-60800  <b>Description:</b> 1/4" SAE Flat Washer  <b>QTY:</b> 12			

### I.) Preparation:

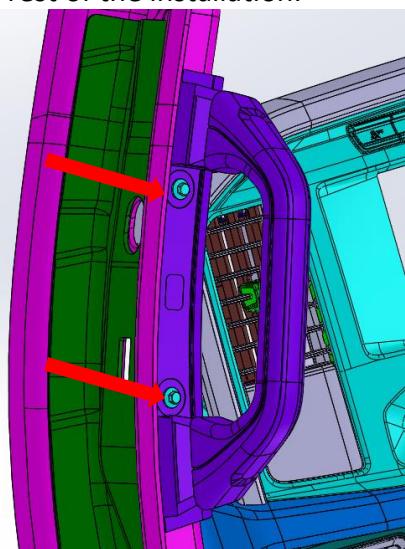
- 1.) Remove driver and passenger rear outer seat mount screws from front sears using a T55 driver.



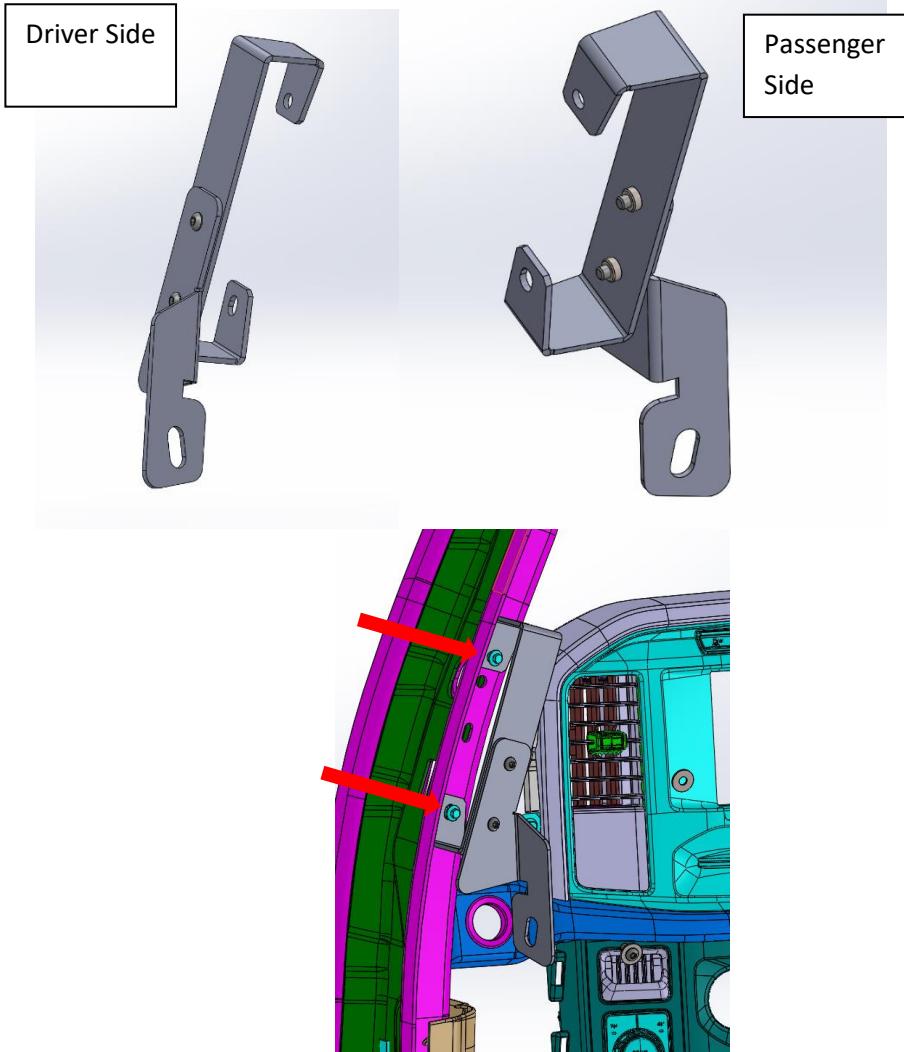
- 2.) Separate driver and passenger upper and lower B-pillar trim panels by prying lower trim outward at seam. Mounting pin locations are marked below. Side shown is driver side. Fully detach the upper trim from the B-pillar and set it aside.(MUST REMOVE LOWER TRIM PANEL FIRST)



- 3.) With top trim removed, B-pillar handles are exposed. Remove both driver and passenger handles by unscrewing OEM M6 fasteners using 10mm socket. Handles will not be needed for the rest of the installation.

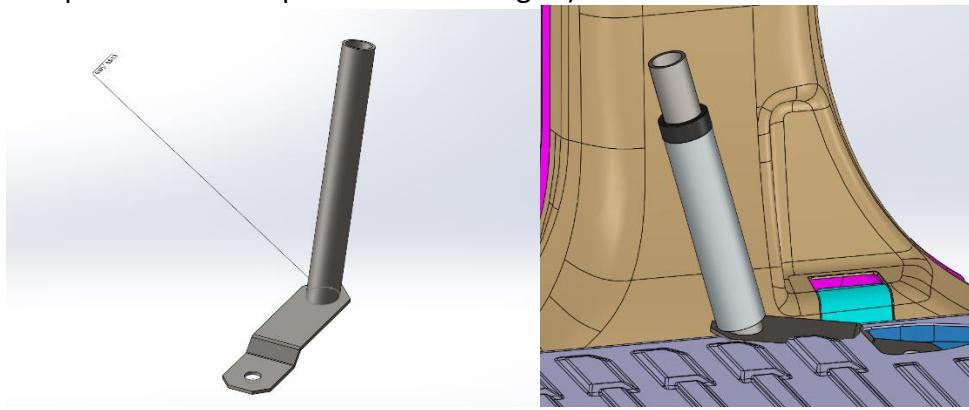


4.) Mount B-pillar brackets (#dbpb, #pbpb) to B-pillars where handles were mounted using original M6 mounting hardware removed in step 3. Replace trim and re-insert screws removed in step 2 using 7mm socket. Bracket is shown installed on driver side.



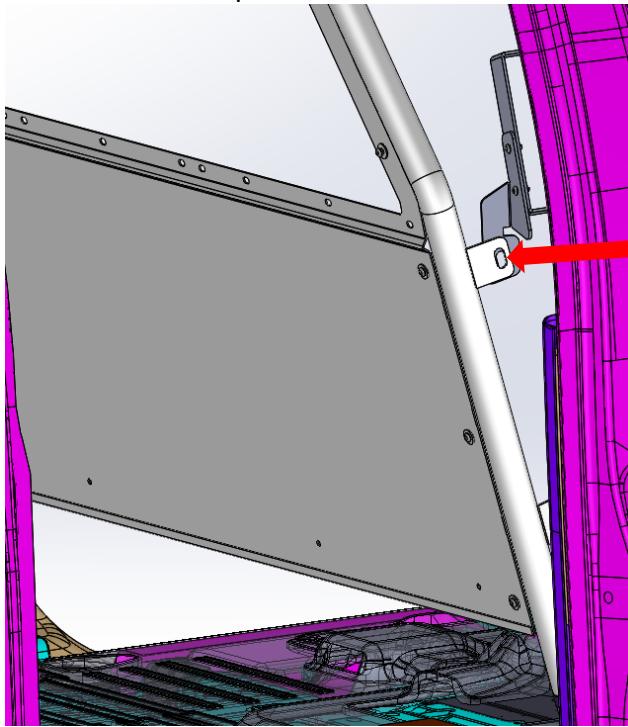
**II.) Install partition:**

5.) Place foot brackets (#fb) under seat rails where screws were previously removed. Insert tube spacers (2-SAB-FS-075) and rubber caps (2-PAR-23-04004) as shown. Insert fasteners into seat mounts holes but leave them loose. (Foot Bracket sunken into the carpet to show compression from weight.)



PM-21F150

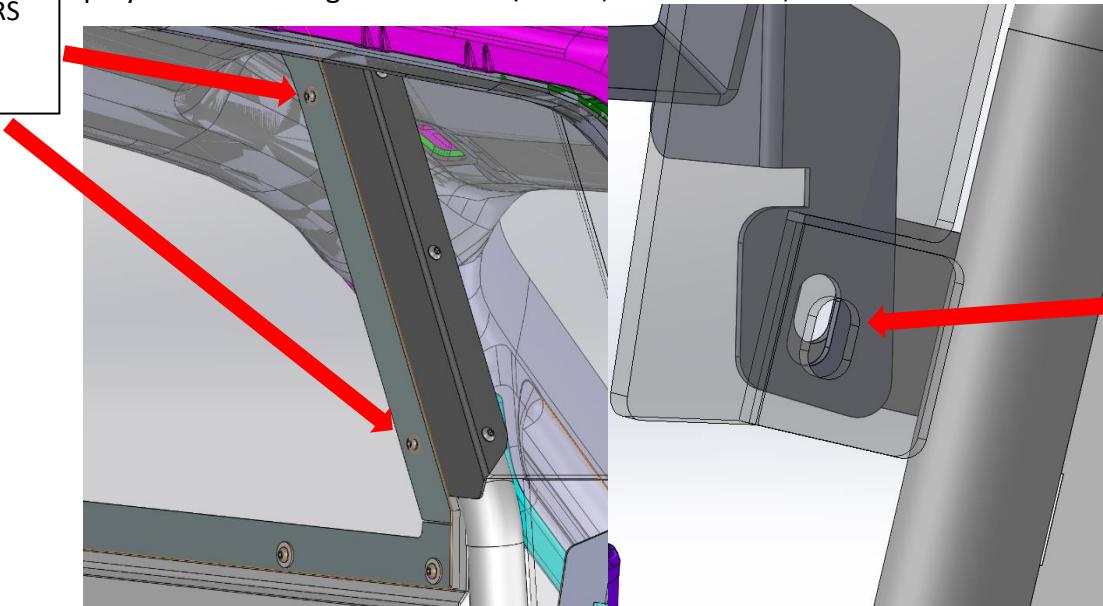
- 6.) Insert partition (part number begins with TP-E, differs depending on configuration) into vehicle through rear doors and set on floor. Lift partition, tilt top of partition toward rear of vehicle, and slide partition tube onto mounting feet. Insert two 3/8-16 x 1" screws into B-pillar brackets as shown to hold partition in place. Tabs on partition tube sit outboard of pillar brackets. Lower partition tabs are not used.



INSERT SCREWS LOOSELY  
ON BOTH DRIVER AND  
PASSENGER SIDES

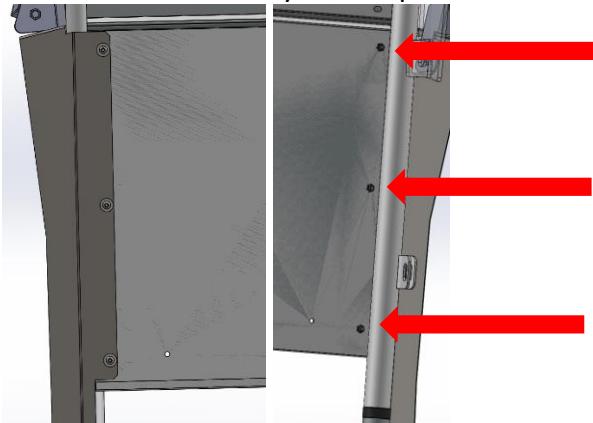
- 7.) Place upper wings (#uwkp, #uwkd) onto partition as shown and fasten with four 1/4-20 x 0.875" screws, washers, and pylon nuts, two sets per wing. Ensure 3/8 screw passes through, in order of outboard to inboard, partition tab, B-pillar bracket, and polycarbonate wing. Outside of 3/8 bolt, toward head, should have a washer.

1/4 FASTENERS



- 8.) Tighten seat mount screws and 3/8" bolts.

9.) Position lower wings (#lwd, #lwp) on partition as shown. Fasten in place with six 1/4-20 x 0.625" screws with washers and nylon nuts, three per side. Due to placement of partition tubes, nylon nuts are most easily held in place with an open-end wrench.



10.) Ensure all fasteners are tight. If kick panels are to be installed, follow instructions for KP-21TH-SS next.

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

