



Jan 14, 2022

Revision 0

*A division of Troy Sheet Metal Works, Inc.
1024 South Vail Avenue, Montebello, CA 90640
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

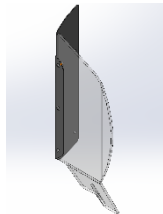
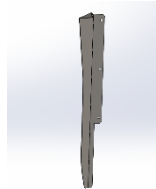
Wrenches: 5/32" allen key, 3/16" allen key
Drivers: 7/16", 9/16", 7mm, 10mm, T55
Misc: Body Panel Removal Tools

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

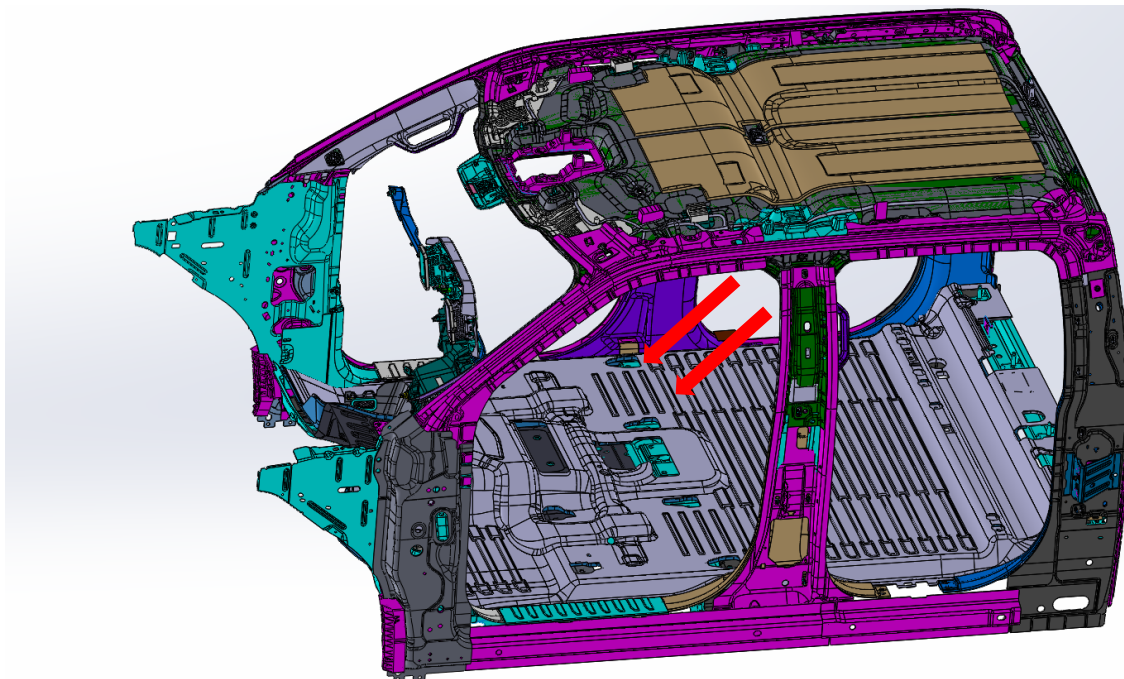
PARTS			
Part number: 2-SAB-F150-15-#fb		Part number: 2-SAB-F150-15-#uwad	
Description: FOOT BRACKET		Description: DRIVER SIDE UPPER WING ASSEMBLY	
QTY: 2		QTY: 1	
Part number: 2-SAB-F150-15-#uwap		Part number: 2-SAB-F150-15-#lwp	
Description: PASSENGER SIDE UPPER WING ASSEMBLY		Description: PASSENGER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

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

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

I.) Preparation:

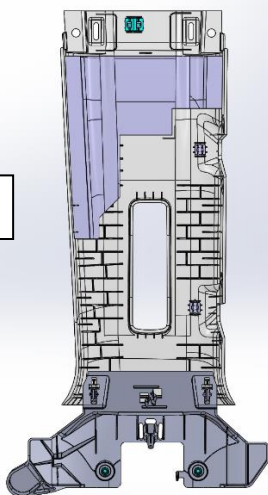
- 1.) Remove driver and passenger rear outer seat mount screws from front seats using a T55 driver.



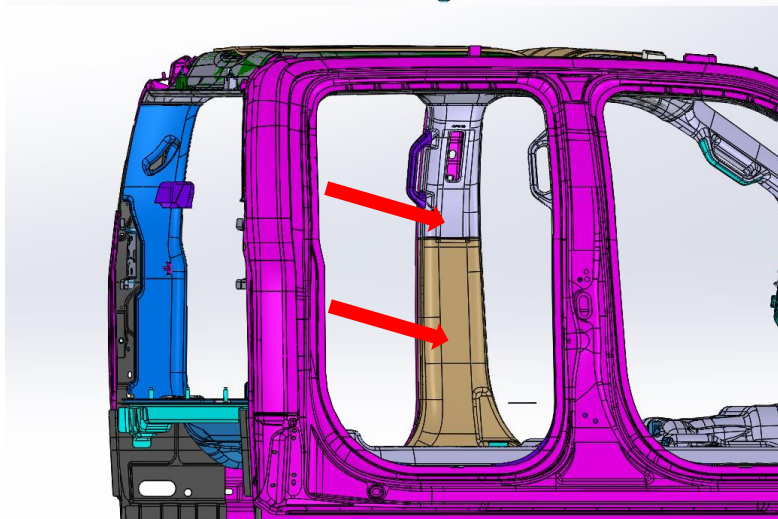
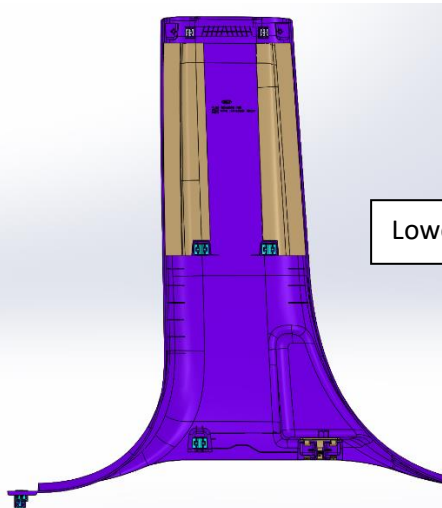
- 2.) Separate driver and passenger upper and lower B-pillar trim panels by prying lower trim outward at seam. Mounting pin locations are marked below. Side shown is driver side. Fully detach the upper trim from the B-pillar and set it aside.(MUST REMOVE LOWER TRIM PANEL FIRST)

PM-21F150

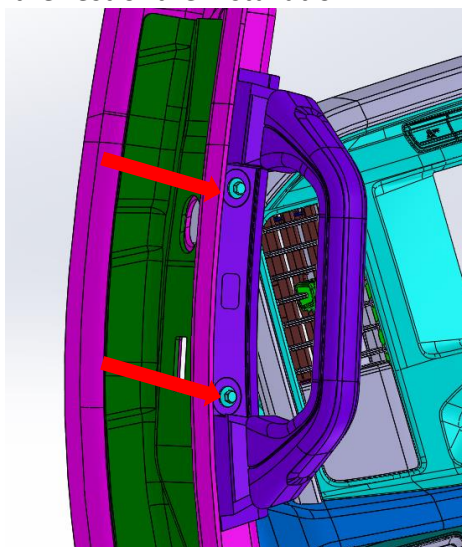
Upper Trim



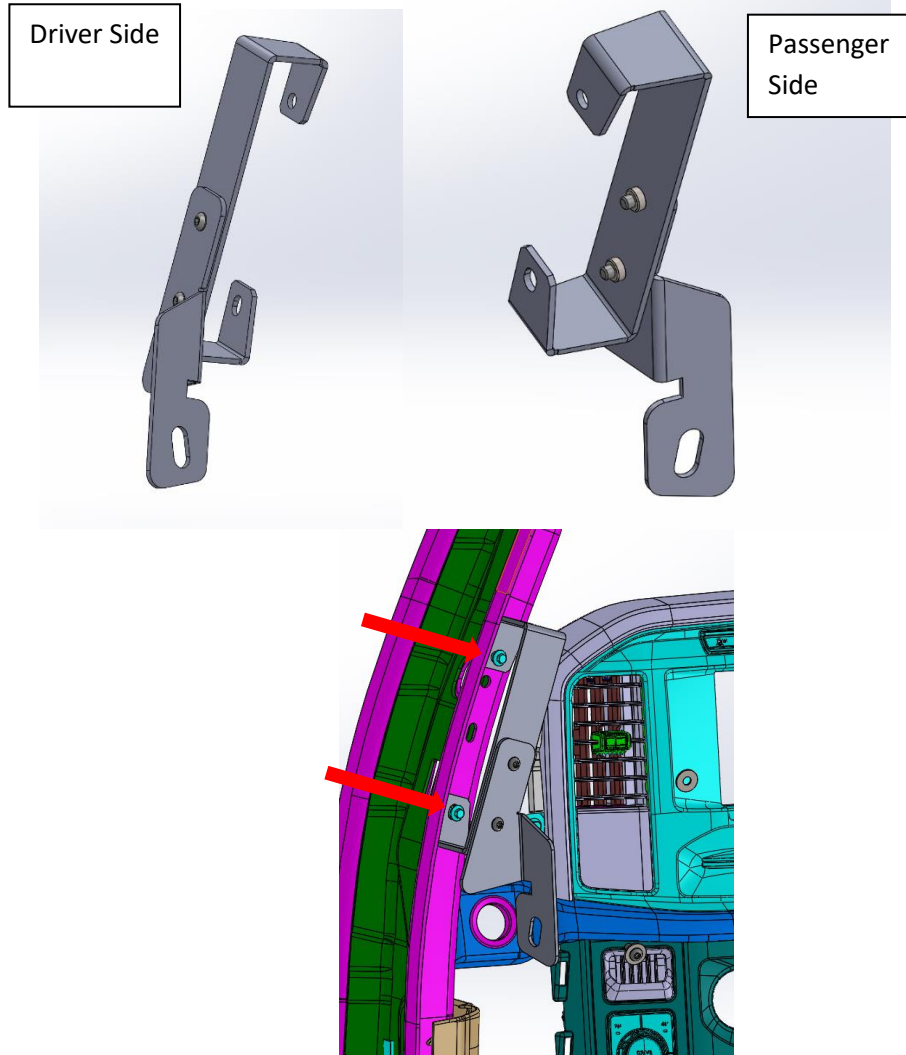
Lower Trim



- 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.

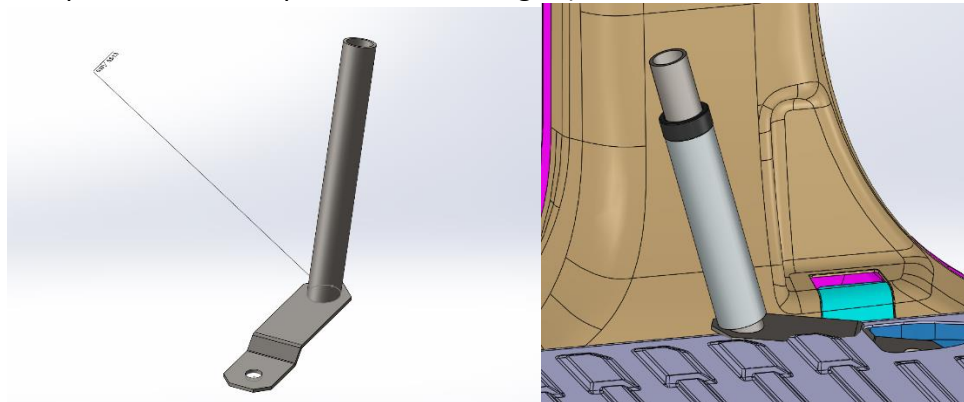


- 4.) Mount B-pillar brackets (#dbpb, #pbpb) to B-pillars where handles were mounted using original M6 mounting hardware removed in step 3. Replace trim and re-insert screws removed in step 2 using 7mm socket. Bracket is shown installed on driver side.



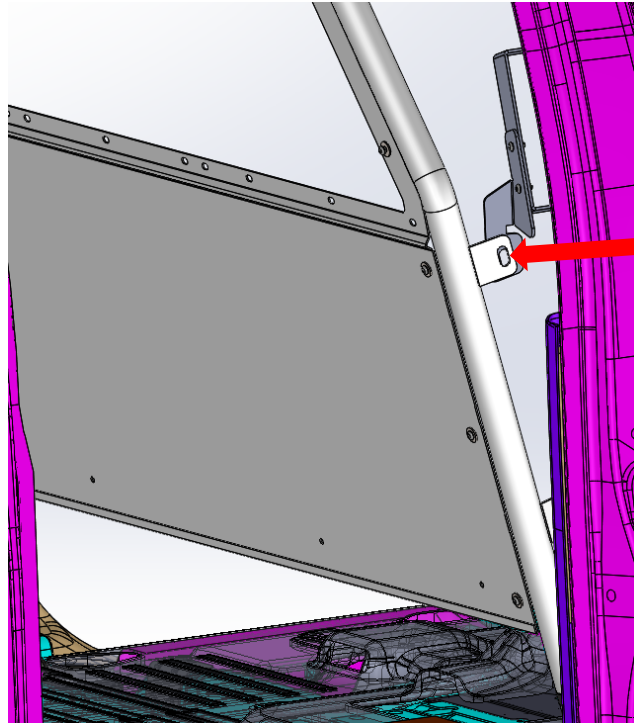
II.) Install partition:

- 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

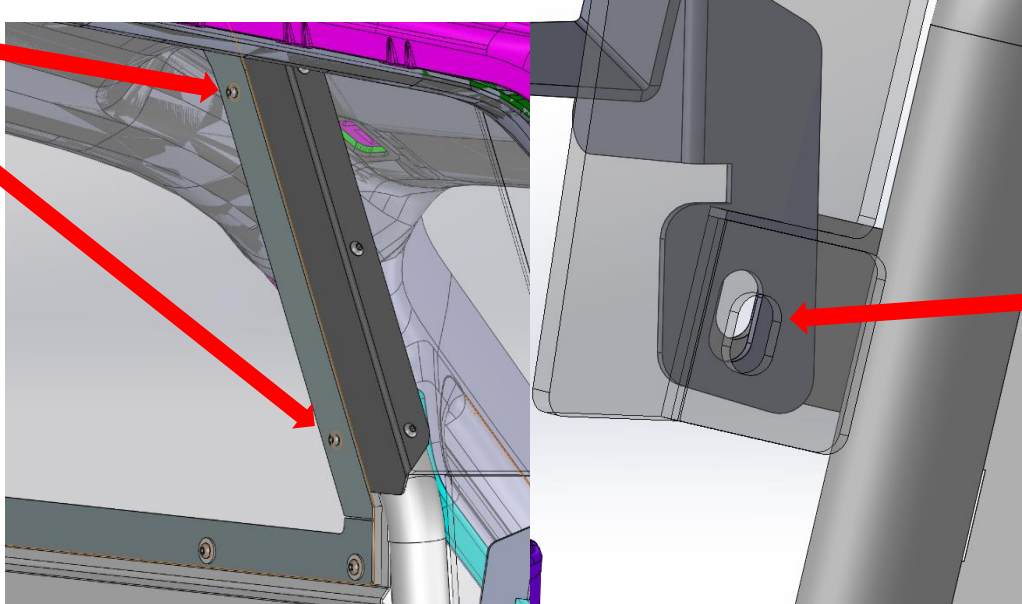
- 6.) Insert partition (part number begins with TP-E, differs depending on configuration) into vehicle through rear doors and set on floor. Lift partition, tilt top of partition toward rear of vehicle, and slide partition tube onto mounting feet. Insert two 3/8-16 x 1" screws into B-pillar brackets as 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.

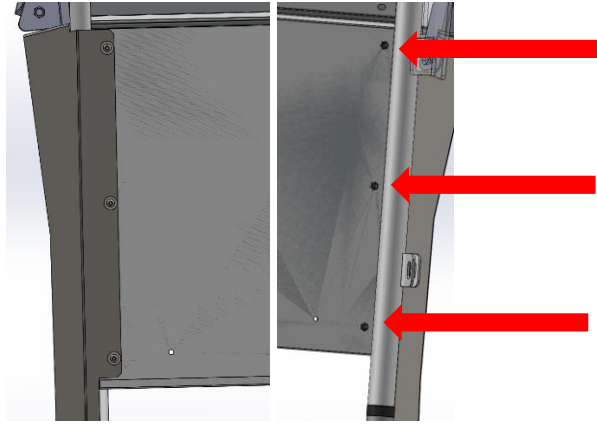
1/4 FASTENERS



3/8 NUT
THIS SIDE,
WASHER
ON
OUTSIDE

- 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**.

