

**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

MOUNTING FLOORING KIT 159X

PRODUCT WEIGHT

118.56 LBS

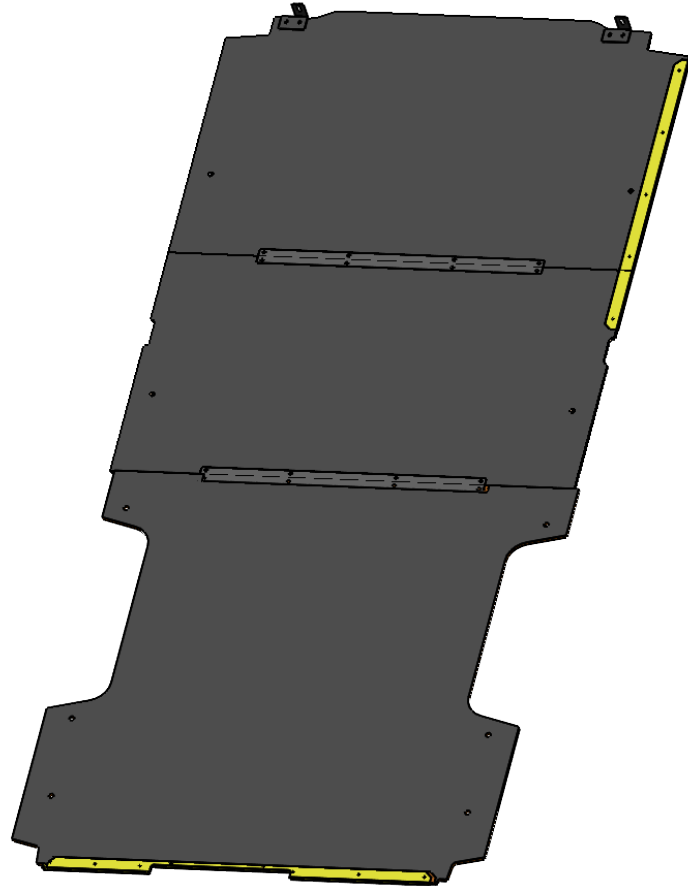
WIDTH X DEPTH X HEIGHT

70.7" X 159.3" X .50"

COLOR

**FLOORING BLACK, SILL
PLATES YELLOW, MOUNTING
BRACKETS BLACK**

CATALOG NUMBER

MFKPM159X

PRODUCT FEATURES

"This floor is designed to seamlessly fit the Ram Promaster cargo vans with a 159" extended wheelbase. The floor is cut from 1/2" thick birch plywood with a phenolic resin textured top for durable, non-slip performance. The floor is compatible with standard internal combustion and electric drivetrain configurations. However, it is required when installing next-generation shelving and other products in the electric version of the van.

This floor eliminates the need to drill and fasten to the metal van floor. Using this flooring removes the dangers of drilling into an electric van. The floor is secured to existing tie down points in the van. Shelving and other items are fastened to the floor using threaded inserts that provide a 5/16"-18 hole for mounting anywhere on the floor. "

SEE PAGE 2 FOR APPLICATION NOTES, ACCESSORIES AND OTHER PRODUCTS THAT WORK WITH THIS UNIT.



MOUNTING FLOORING KIT 159X

CATALOG NUMBER MFKPM159X

PRODUCT APPLICATION

MOUNTING FLOOR KIT AND FLOORING USED FOR THE MERCEDES SPRINTER 170 WHEEL BASE.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

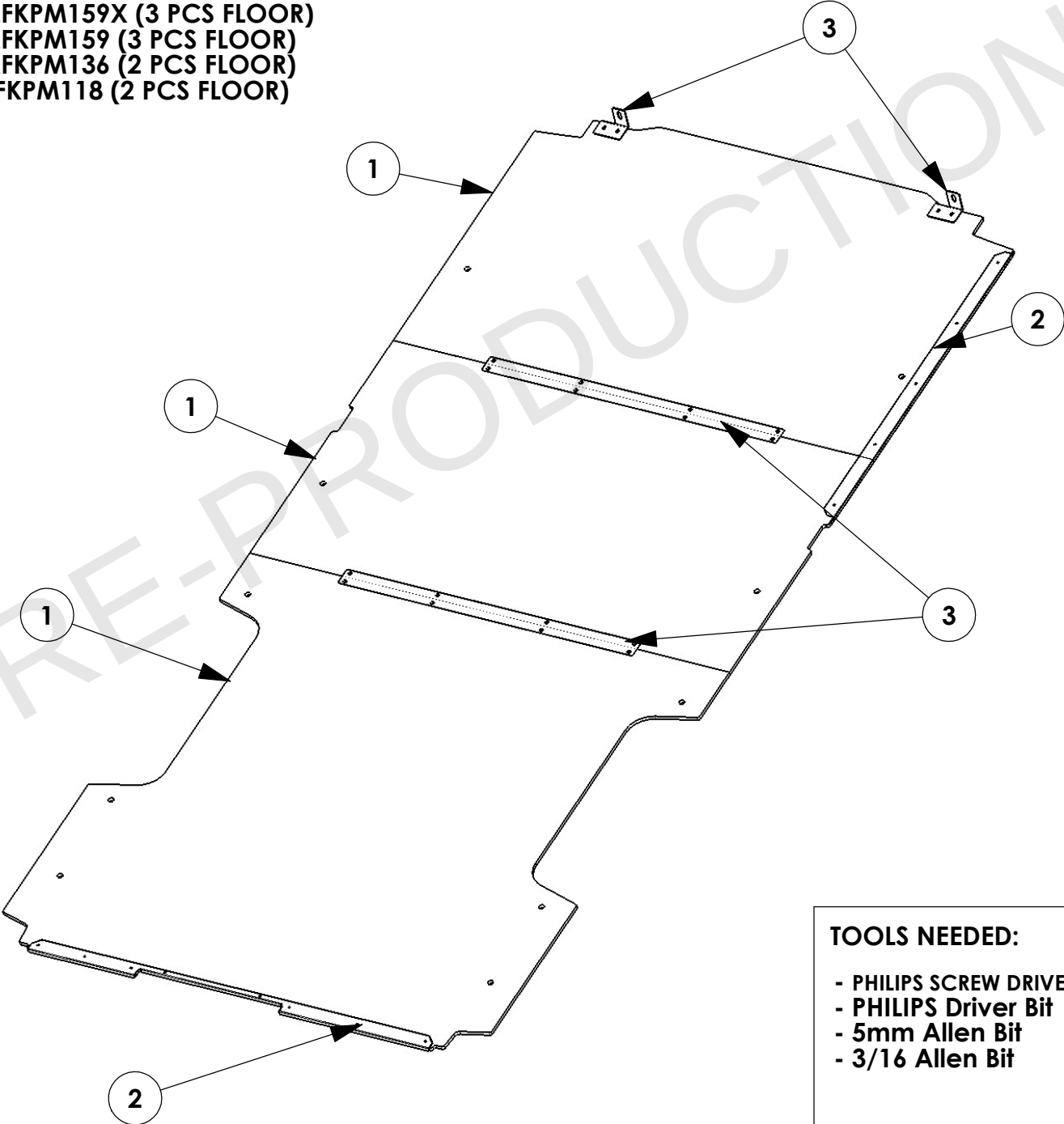
CATALOG NUMBER	DESCRIPTION (smart)
FLR-F-PM159X	FLOOR,FRONT,PM159X
FLR-M-PM159X	FLOOR,MIDDLE ,PM159X
FLR-R-PM159X	FLOOR,REAR,PM159X
FSKPM	FLOOR SLIT KIT, PM
FBKPM159X	FLOOR BRKT KIT, PM159X

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INSTR. NUMBER : INSMFKPM	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	
				1	FLRKPM159X	FLOOR KIT PM159X	1
	PART NUMBER : MFKPM159X			2	FSKPM	FLOOR SILL KIT PM	1
	PART DESC. : MOUNTING FLOOR PROMASTER			3	FBKPM159X	FLOOR BRKT KIT PM159X	1

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

- MFKPM159X (3 PCS FLOOR)
- MFKPM159 (3 PCS FLOOR)
- MFKPM136 (2 PCS FLOOR)
- MFKPM118 (2 PCS FLOOR)



- TOOLS NEEDED:**
- PHILIPS SCREW DRIVER
 - PHILIPS Driver Bit
 - 5mm Allen Bit
 - 3/16 Allen Bit

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

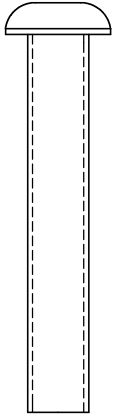
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

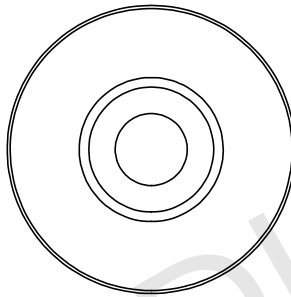
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

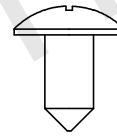
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED**BAG REFERENCE: BAGMFKMS170****BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR**

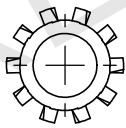
**#1 FAS0742
SCREW, BUTTON HD
M8-1.25X.50
TOTAL 12**



**#2 FAS0833
WASHER, CUP FLANGED
1.5" DIA
TOTAL 10**



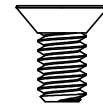
**#3 FAS0044
SCREW THP
#14-10 X .5"
TOTAL 14**



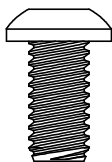
**#4 FAS0085
WASHER, LCK EXT
5/16 ZP
TOTAL 16**



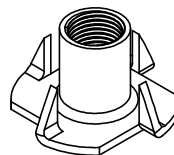
**#5 FAS0961
TAPPING INSERT
1/4-20 X 1/2" ZINC
TOTAL 16**



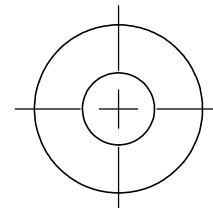
**#6 FAS0962
PHIL, FLT MS
1/4-20 x 1/2" ZN
TOTAL 16**



**#7 FAS0040
SCREW, BHCS
5/16-18 X .625
TOTAL 04**



**#8 FAS0829
T NUT
5/16-18 X .5 ZN
TOTAL 04**



**#9 FAS0086
FLAT WASHER
USS 5/16 ZP
TOTAL 06**

INTENTIONALLY LEFT BLANK

STEP 1 - INSTALL PROMASTER 159X THREE PIECE FLOORING, STARTING WITH THE FRONT, THEN MIDDLE AND REAR.

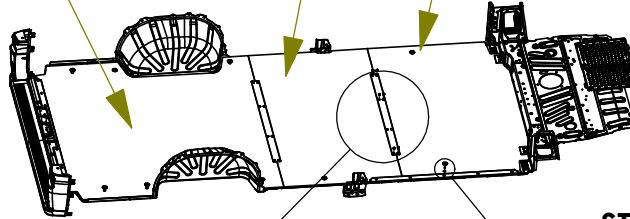
STEP 1.1
DRY FIT ALL THREE
FLOOR SIZES INTO
VEHICLE (FRONT,
MIDDLE,REAR)
CAUTION
EDGE OF FLOOR IS
VERY SHARP

WEAR GLOVES
FLOORING EDGE
VERY SHARP

FLR-R-PM159X

FLR-M-PM159X

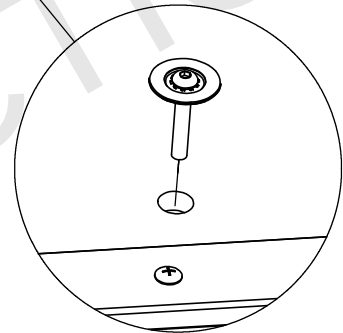
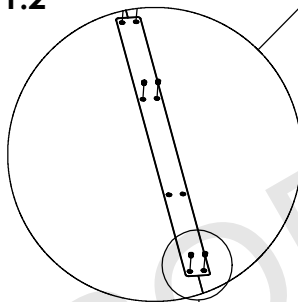
FLR-F-PM159X



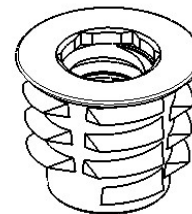
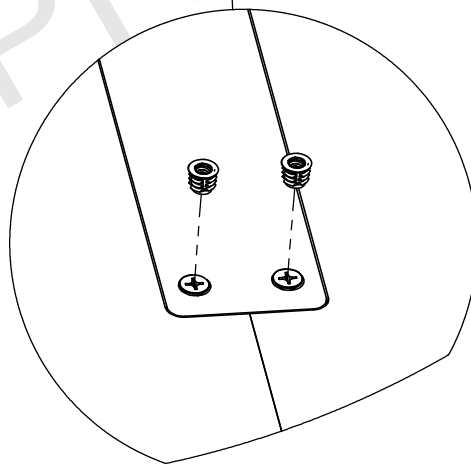
STEP 1.3

STEP 1.2 INSTALL
FAS0961
6MM ALLEN
(16 PLACES)
DO NOT OVER
TIGHTEN

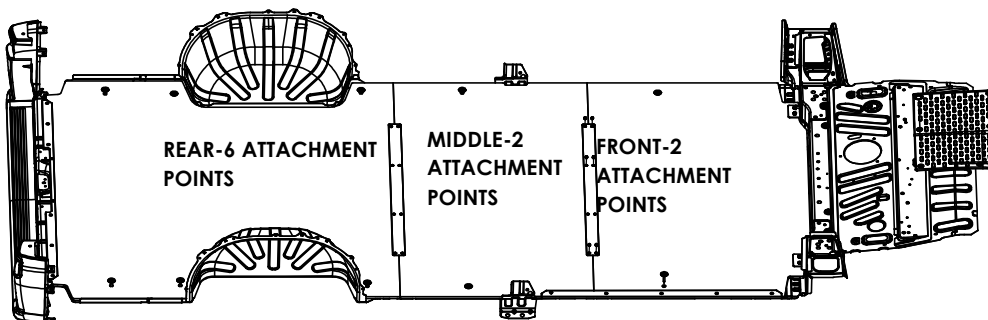
STEP 1.2

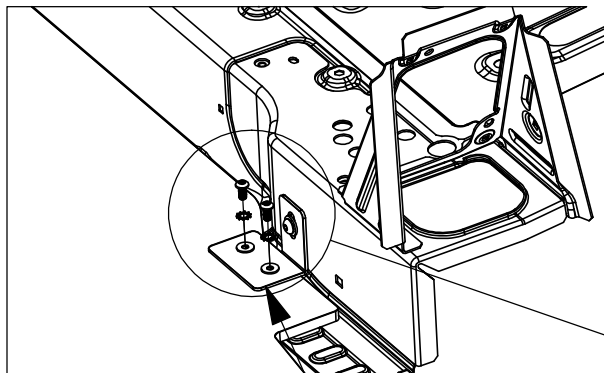
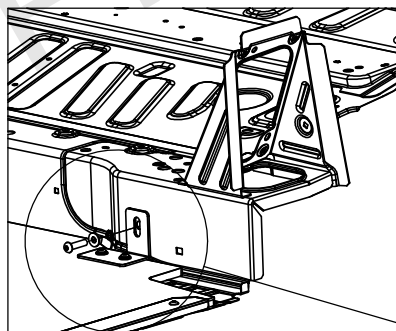
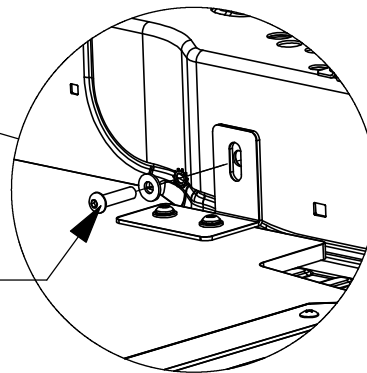


STEP 1.3 LOOSE FIT
FLOOR ATTACHMENT
FASTENERS FAS0742
FAS0085
FAS0833
10 PLACES



COPY STEPS
ABOVE FOR
THE MIDDLE
AND REAR
FLOORING
INSTALLATION

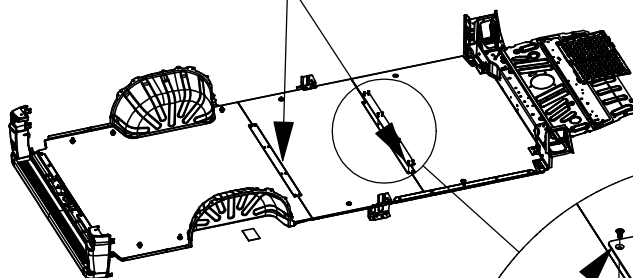


STEP 2 - INSTALL MOUNTING BOLTS, WASHERS THROUGH 76720 FLOOR MOUNTING BRACKET, BOTH SIDES.**STEP 2.1****INSTALL 2 76720****FLOOR
MOUNTING
BRACKETS****ALSO USE 2 OF
EACH OF THE
FOLLOWING****FASTENERS****FAS0040****FAS0085****FAS0085.****3/16 ALLEN HEAD
TOOL BOTH SIDES
OF FRONT FLOOR****BRACKET
76720 (X 2)****FAS0040
FAS0085
FAS0086
(X 2)****Step 2.2****FULLY TIGHTEN****FAS000742****FAS0086 &****FAS0085****DO NOT OVER
TIGHTEN.****mm5 ALLEN BIT****STEP 2.2
FAS0742
FAS12345
FAS1234
ONE SET PER SIDE**

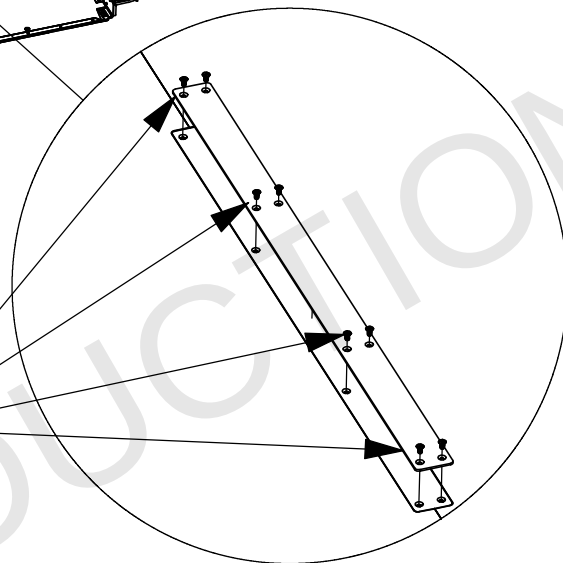
STEP 3.1 - INSTALL FLOOR JOINT PLATES

Step 3.1
FULLY TIGHTEN
FAS0044
PHILLIPS HEAD
DRIVER, DO NOT
OVER TIGHTEN
16 PLACES
FAS0962

FLOOR JOINTER
PLATE 74461 X 2

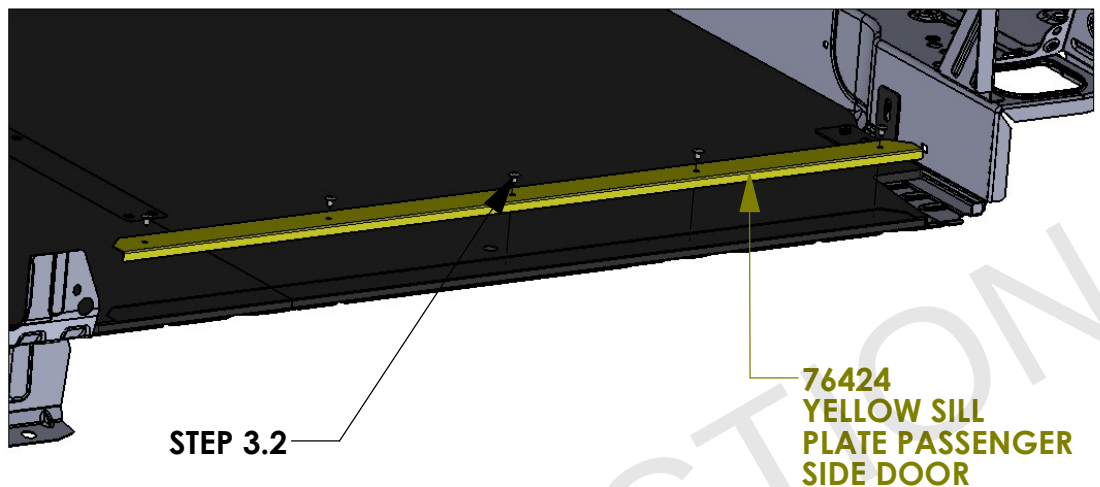


STEP 3.1
FAS0962
PHILLIPS FLAT
HEAD (X 8)
DO NOT OVER
TIGHTEN

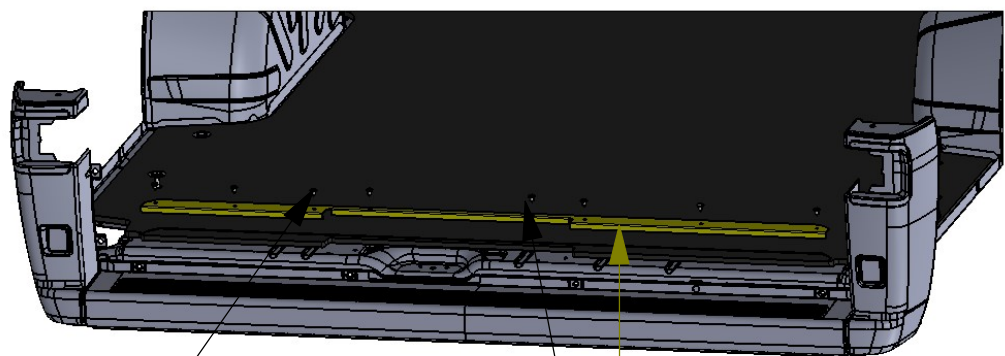


STEP 4 - INSTALL FRONT REAR YELLOW FLOOR SILL PLATES**Step 4.1**

**SCREW IN SIDE
FLOOR SILL
PLATE
FAS0044
PHILIPS
HEAD DRIVER.
DO NOT OVER
TIGHTEN
5 PLACES**

**STEP 4.2 - INSTALL REAR YELLOW FLOOR SILL PLATE**

**Step 3.3
FULLY TIGHTEN
FAS0044 WOOD
SCREWS
PHILLIPS HEAD
DRIVER, DO NOT
OVER TIGHTEN**



**USE 8 FAS0044 WOOD
SCREWS**

**USE REAR DOOR SILL AS
TEMPLATE TO DRILL SMALL
PILOT HOLES**

PROMASTER FINAL INSTALLATION IMAGES FOR REFERENCE

