

Introduction / Comments:

This rail kit is designed to fit in your 118 wheel base Promaster vehicle.

Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Partition gives you long service life.



**RKPMSWB
RAIL KIT, 118 WB
PROMASTER**

- PRECAUTIONS -



CAUTION
THE USE OF AIR IMPACT TOOLS CAN
OVER-TORQUE FASTENERS AND
CAUSE FASTENER FAILURE!



CAUTION
ALL INSTALLATION HOLES SHOULD BE SEALED
WITH SILICON OR BUTYL SEALANT TO PREVENT
EXHAUST FUMES FROM ENTERING THE VEHICLE!



DANGER
INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!



CAUTION
TO AVOID DAMAGING THE VEHICLE ALWAYS
USE DRILL STOPS WHEN DRILLING ANY IN-
STALLATION HOLES!



- IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



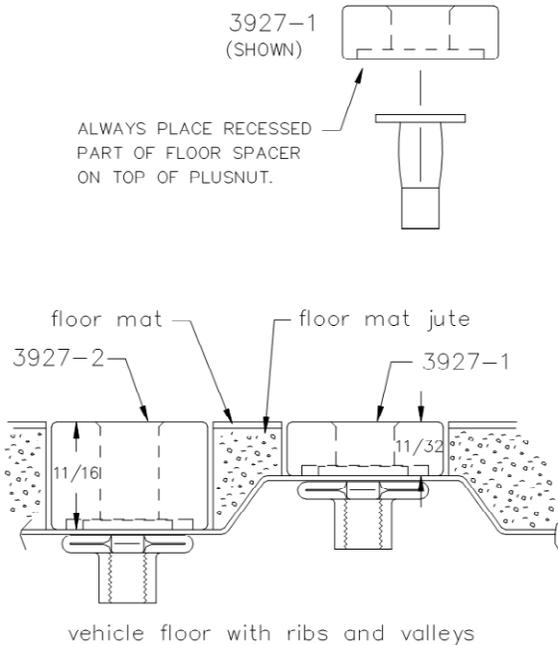
SCREWDRIVERS



MEASURING TAPE

ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process. Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts. If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations. Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.



A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

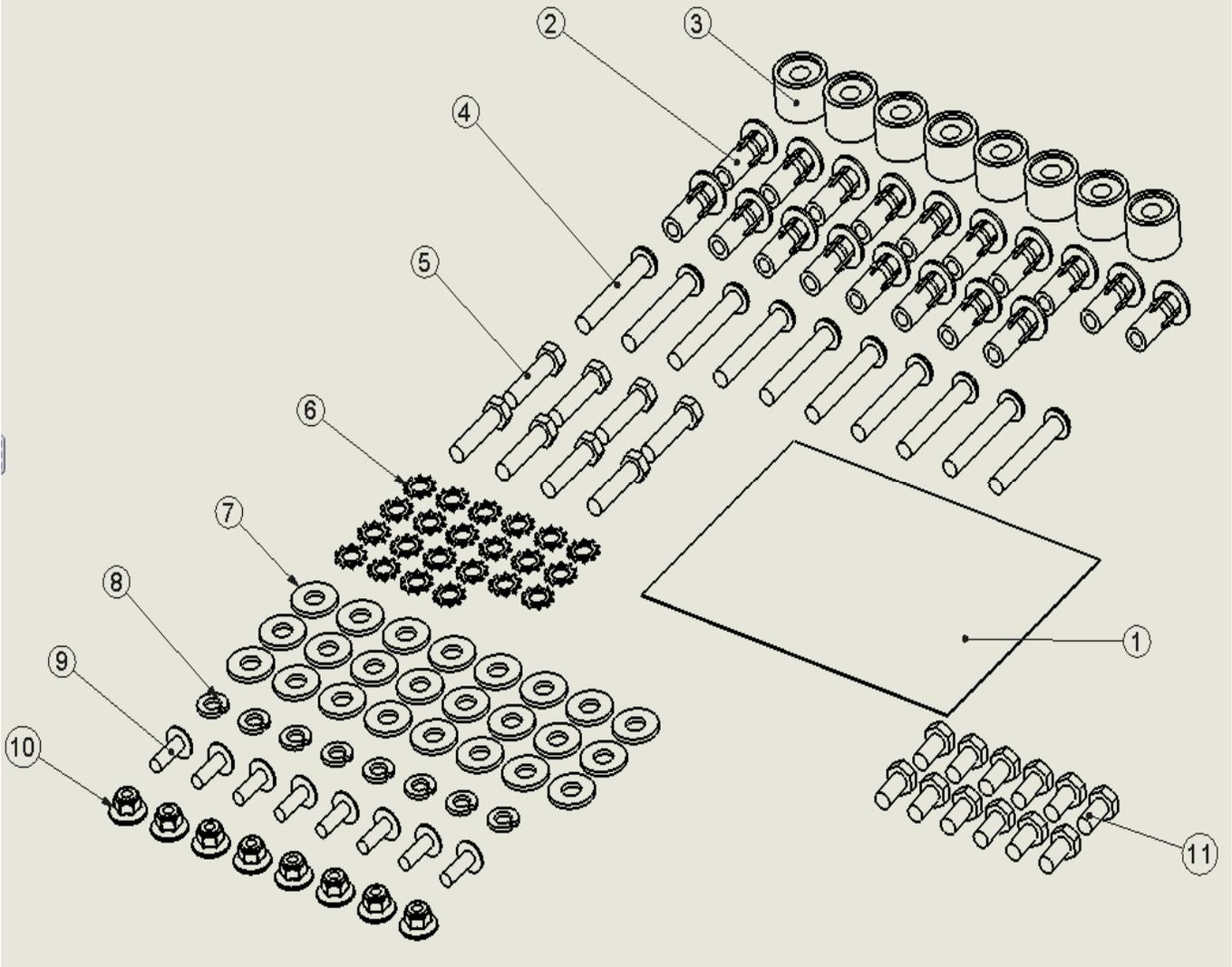
1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop
 FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8
 FAS0067 WASHER, FLAT, 1/4"ID
 22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop
 FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
 FAS0086 WASHER, FLAT, 5/16"ID
 22200-0 PLUSNUT TOOL

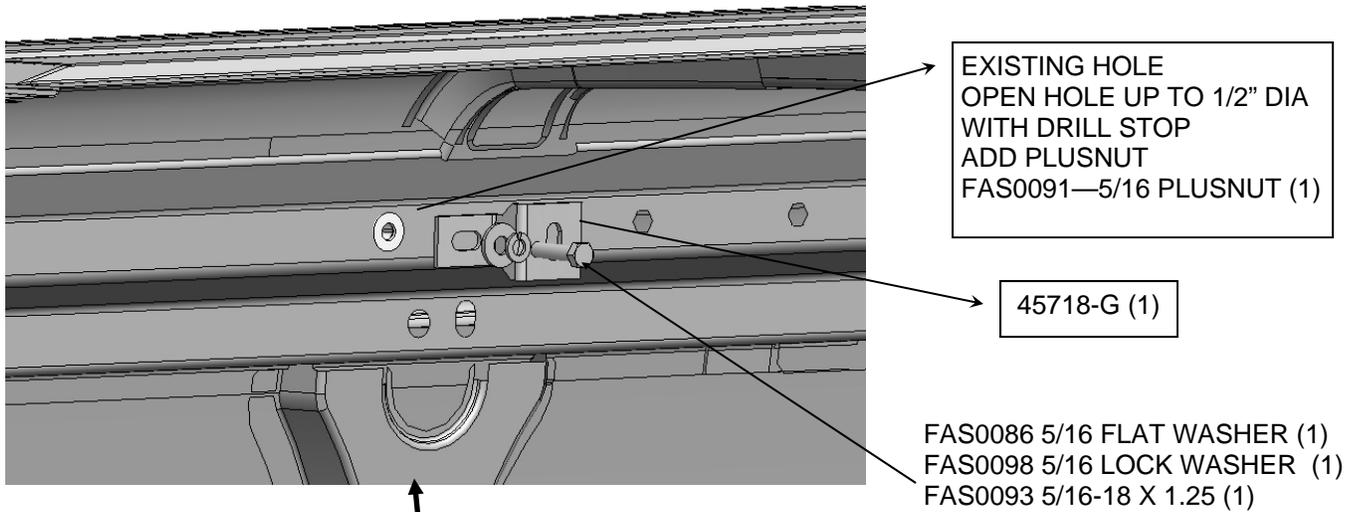
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal. Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

Assembly and Installation Fastener Identification Sheet (BAG47591)

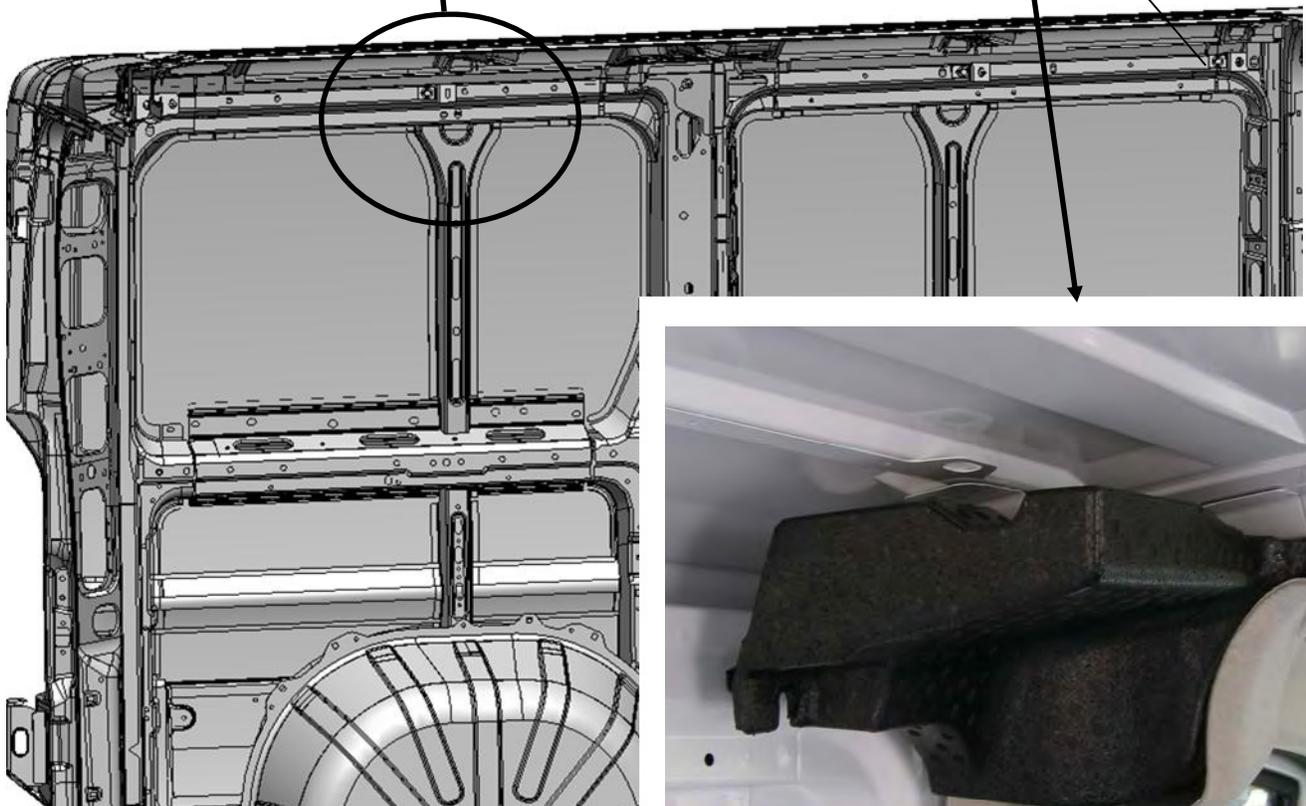
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
2	FAS0091	Plusnut, 5/16	18
3	03927-2	Tall Floor Spacer	8
4	FAS0048	Screw, Button Hd Hex Soc, 5/16-18X1.25, BLK OXIDE	10
5	FAS0093	Screw, Hex Hd, 5/16-18x1.25	8
6	FAS0085	Washer, Lock, Ext. Tooth, 5/16	22
7	FAS0086	WASHER,FLAT USS 5/16 ZP	24
8	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	8
9	FAS0062	Screw, Truss Hd. Ph, 1/4-20x0.75	8
10	FAS0055	Nut, Hex Flange,Nylock 1/4-20	8
11	FAS0165	Screw, Hex Hd, 5/16-18x.625	12



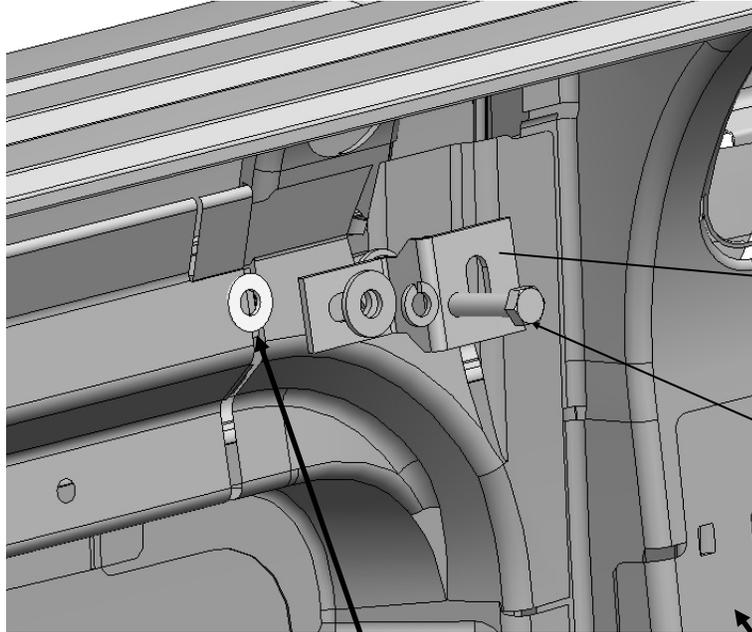
STEP 1A STREET SIDE UPPER RAIL



CUT / MODIFY HEAD IMPACT
FOAM BEHIND INSTALLED ADRI-
AN PARTITION.



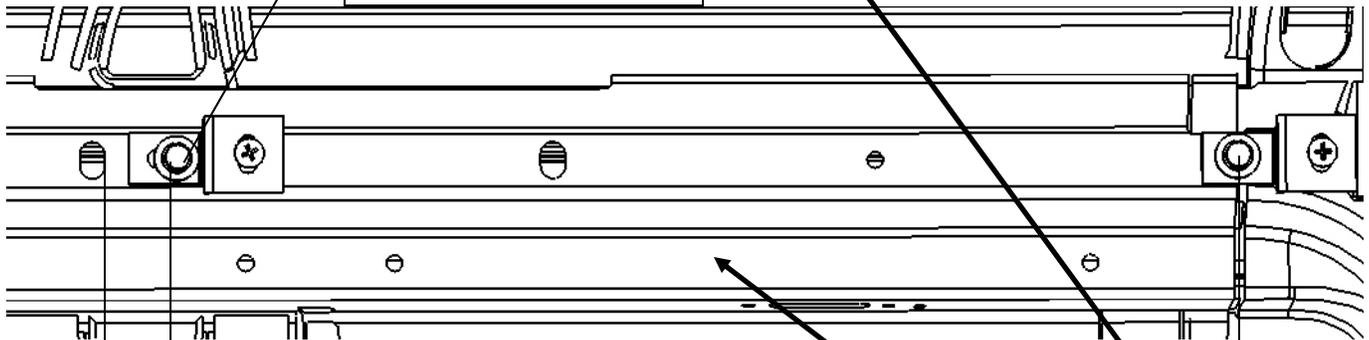
STEP 1B STREET SIDE UPPER RAIL



45718-G (2)

FAS0086 5/16 FLAT WASHER (2)
FAS0098 5/16 LOCK WASHER (2)
FAS0093 5/16-18 X 1.25 (2)

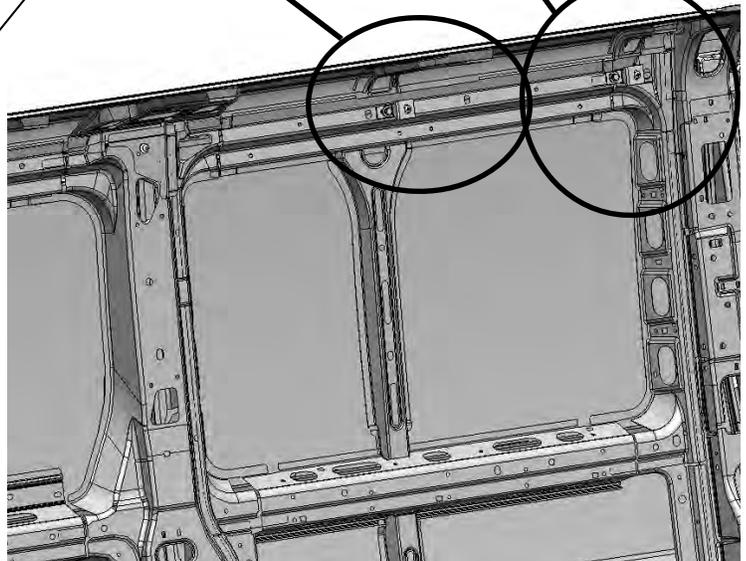
DRILL AND SET PLUSNUT.
LOCATE FROM THIS HOLE
FAS0091—5/16 PLUSNUT



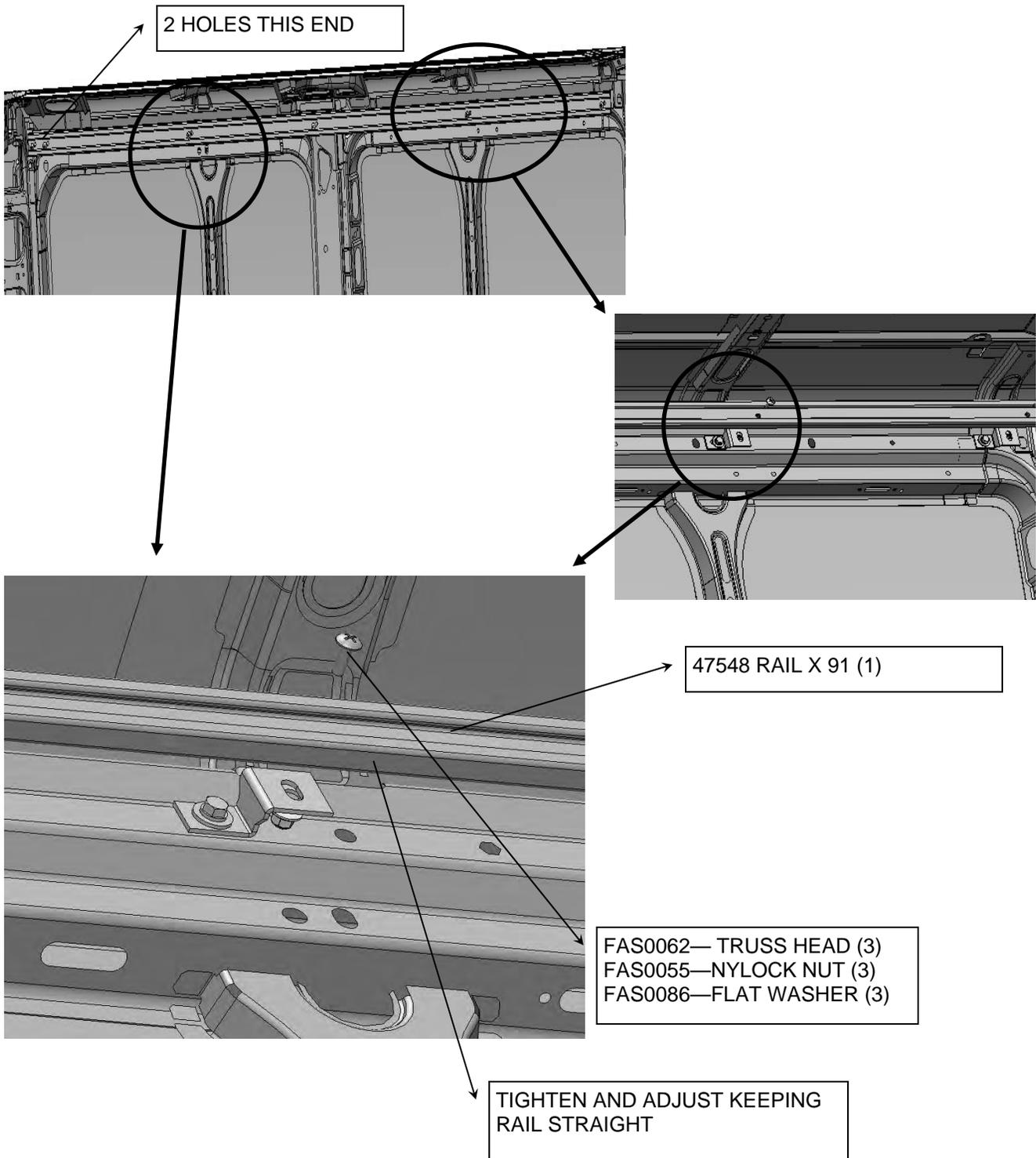
20.75"

1.2"
MEASURED FROM EDGE OF
SLOT TO APPROXAMITLY THE
MIDDLE OF THE BRACKET SLOT.

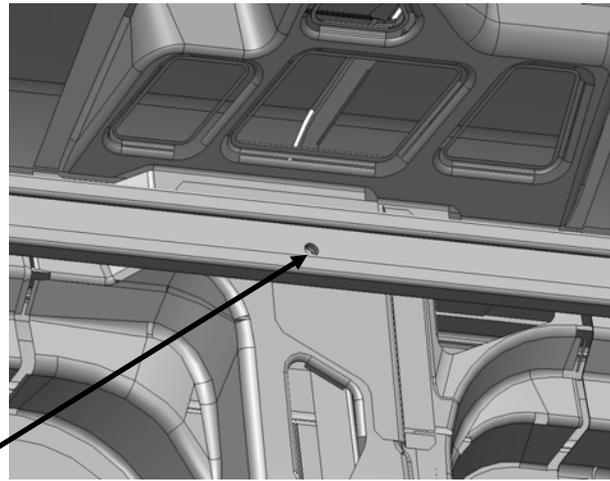
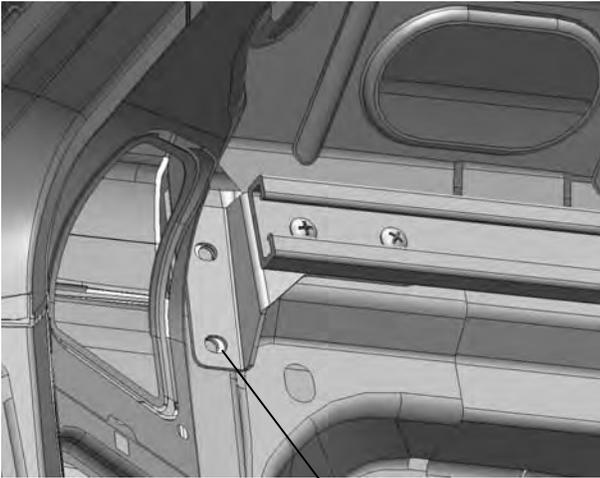
MEASURMENT IS FROM THE
APPROXAMITE CENTER OF
THE BRACKET SLOTS



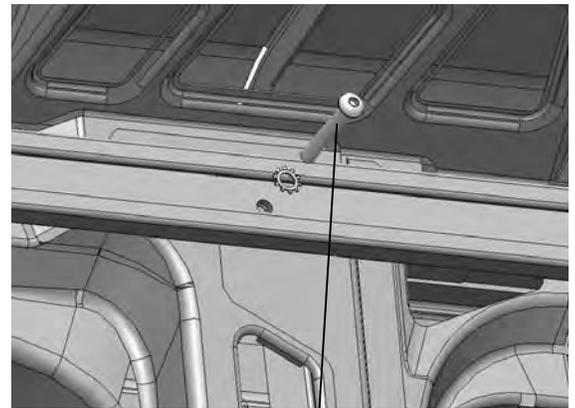
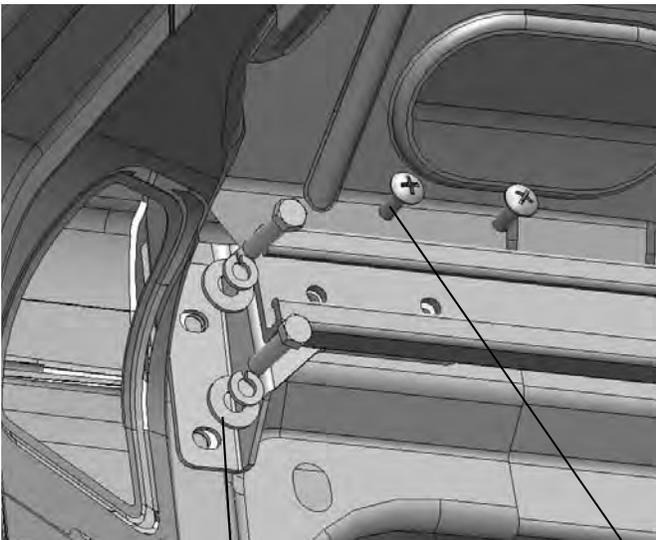
STEP 1C - ADD STREET SIDE UPPER RAIL TO THE RAIL ADAPTERS



STEP 1C - ADD STREET SIDE D-PILLAR MTG PLATE



TRANSFER HOLE LOCATIONS
REMOVE RAIL
DRILL AND SET PLUSNUTS
FAS0091—5/16 PLUSNUT (3)

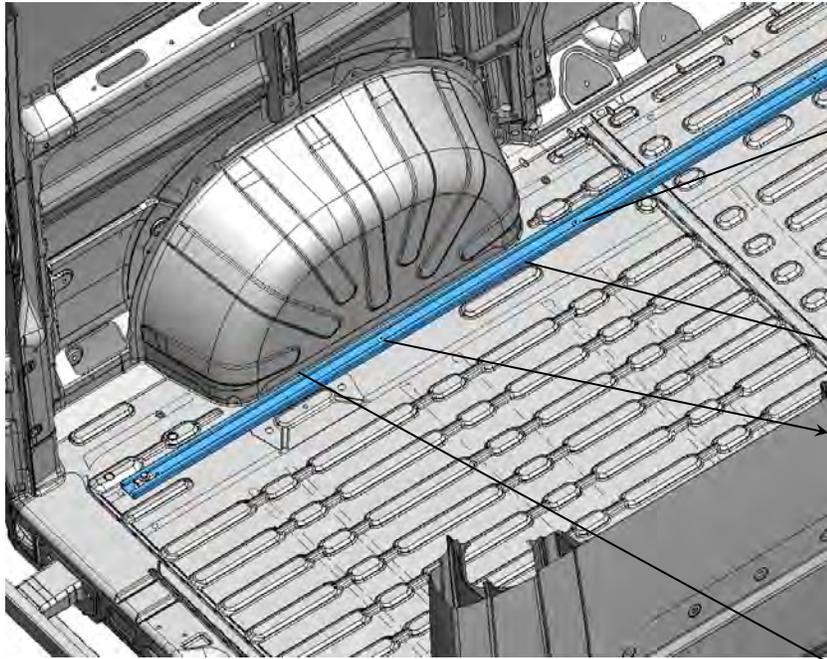


FAS0091—PLUSNUT (1)
FAS0048—BUTTON HD (1)
FAS0085—STAR WASHER (1)

FAS0091—PLUSNUT (2)
FAS0093—HEX HEAD (2)
FAS0098—LOCK WASHER (2)
FAS0086—FLAT WASHER (2)

FAS0062—TRUSS HEAD (2)
FAS0055—NYLOCK NUT (2)

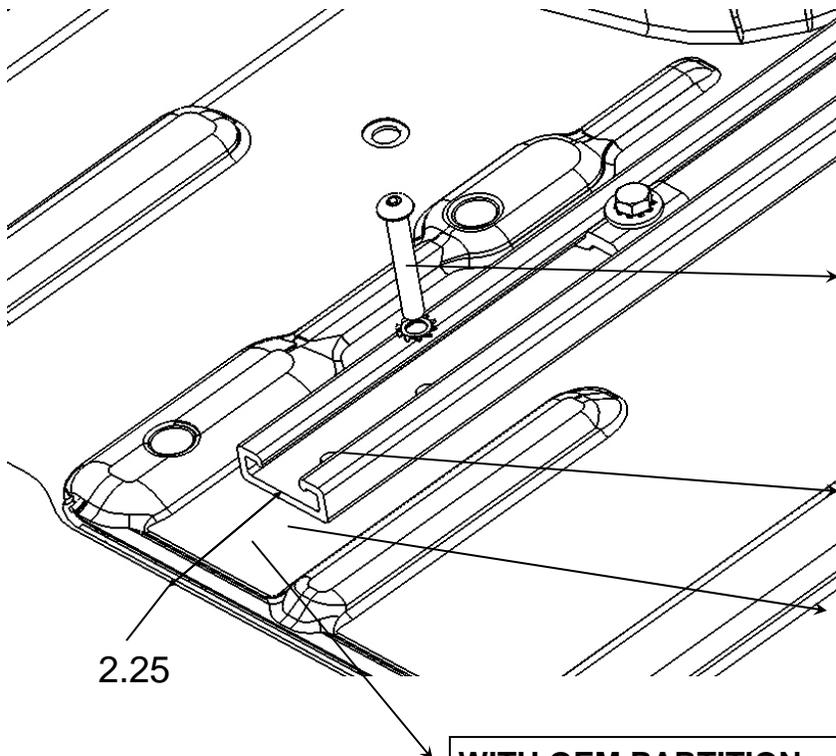
STEP 2 - ADD STREET SIDE FLOOR RAIL WITH OEM PARTITION



TRANSFER HOLE LOCATIONS
(5) PLACES
REMOVE RAIL
DRILL AND SET PLUSNUTS
FAS0091—5/16 PLUSNUT (5)

47548 RAIL X 91 (1)

**CAUTION!!
DO NOT USE THIS HOLE!!!**



UP AGAINST WHEEL WELL

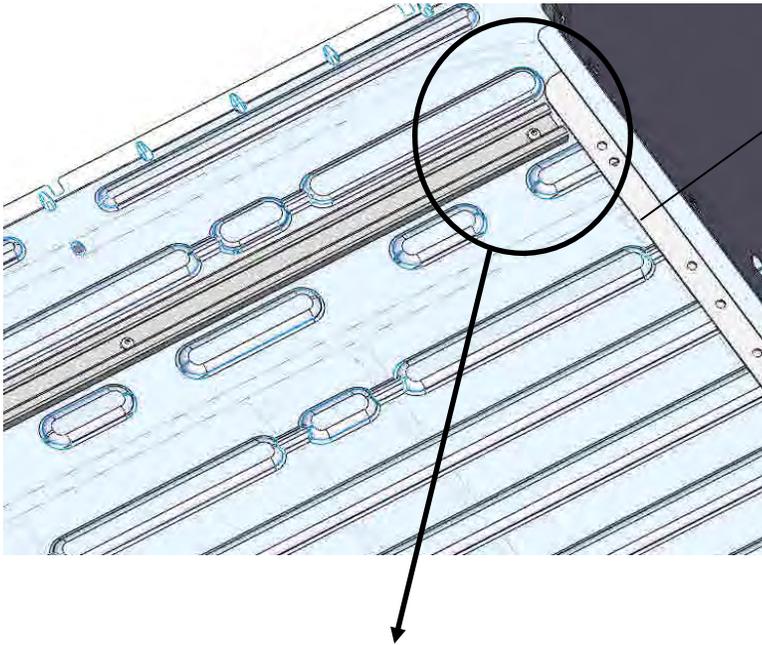
FAS0091—PLUSNUT (5)
FAS0048— BUTTON HD (5)
FAS0085—STAR WASHER (5)

FIRST HOLE NOT USED

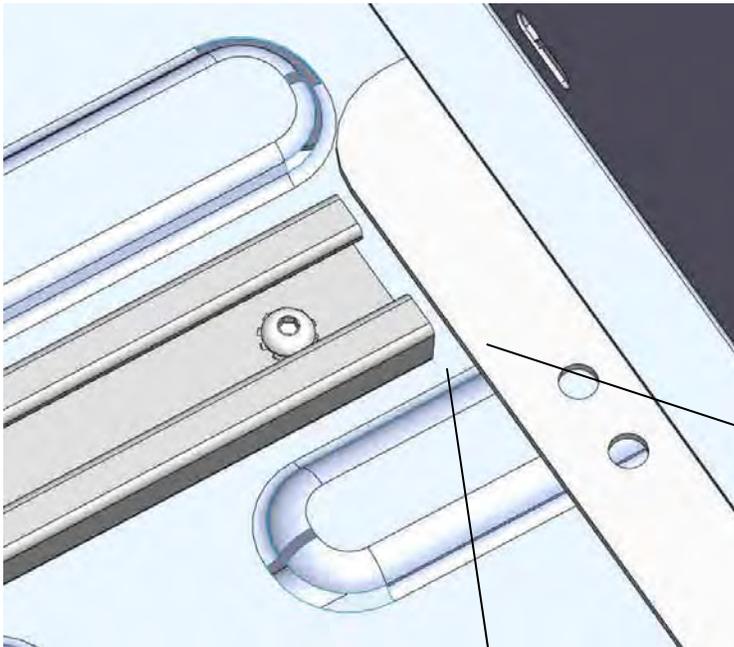
**WITH ADRIAN PARTITION,
GO TO NEXT PAGE**

**WITH OEM PARTITION
APPROX 2 1/4" FROM SEAM
LINE UP WITH TOP RAIL**

STEP 2 (CONT'D) - ADD STREET SIDE FLOOR RAIL WITH ADRIAN PARTITION



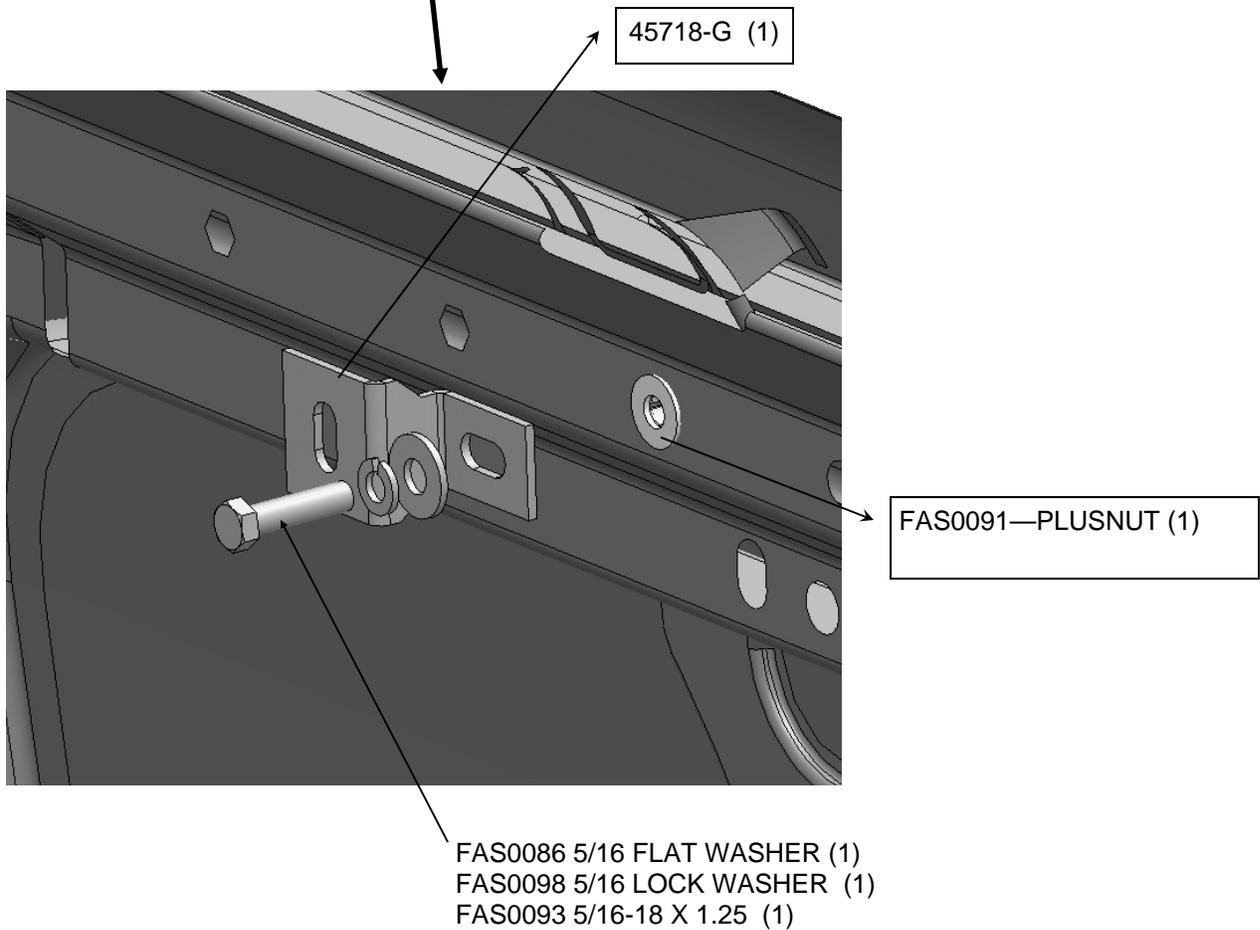
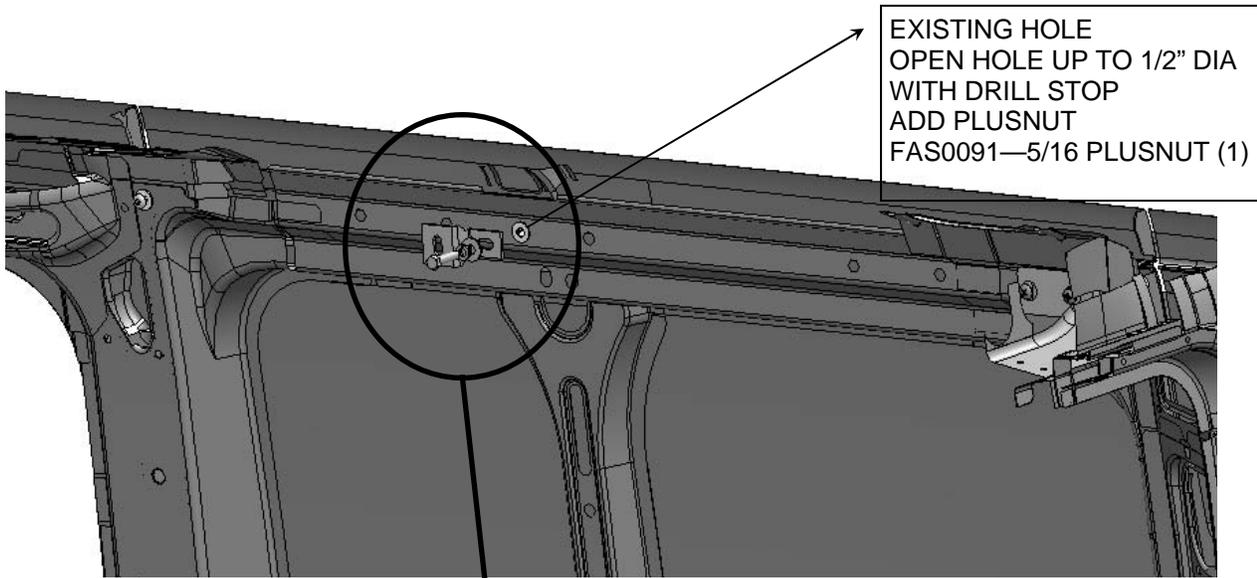
**INSTALLED
ADRIAN PARTITION
FOOTER RAIL.**



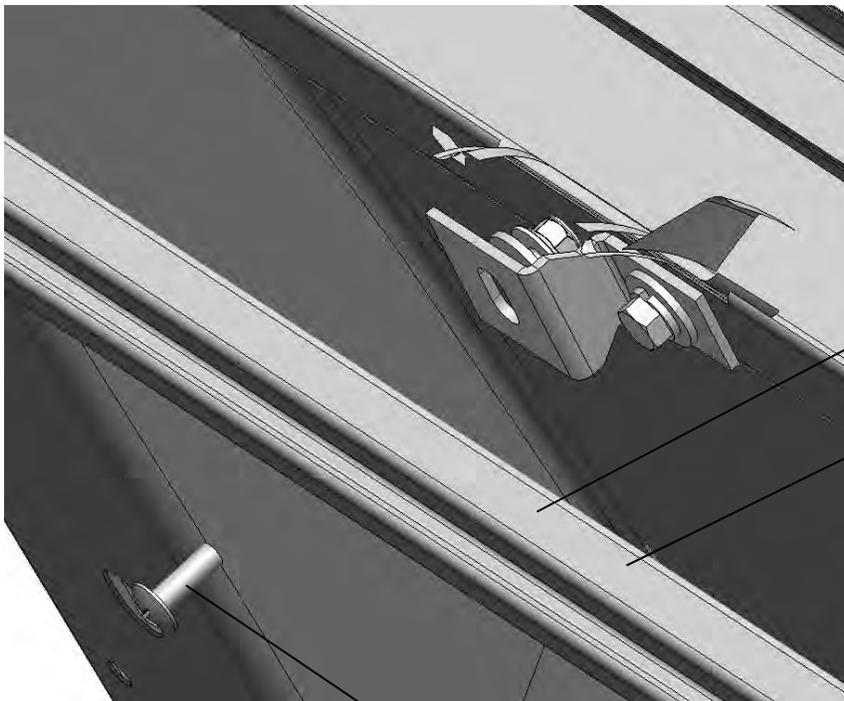
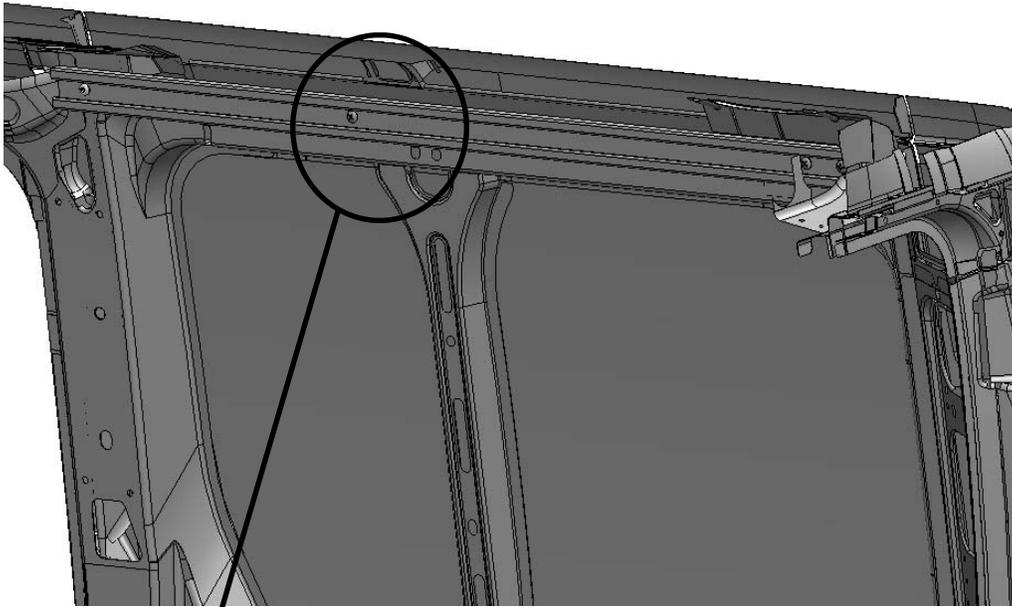
**TOUCHING TO
APPROXIMATELY 1/4" AWAY
FROM FOOTER RAIL**

**IF YOU HAVE THE PLUS THREE
PARTITION FOLLOW THE SAME
DISTANCE FROM THE FOOTER
RAIL AND LET THE RAIL EXTEND
FURTHER BACK TO THE REAR
DOORS.**

STEP 3 CURB SIDE UPPER RAIL



STEP 3B - ADD CURB SIDE UPPER RAIL TO THE RAIL ADAPTER

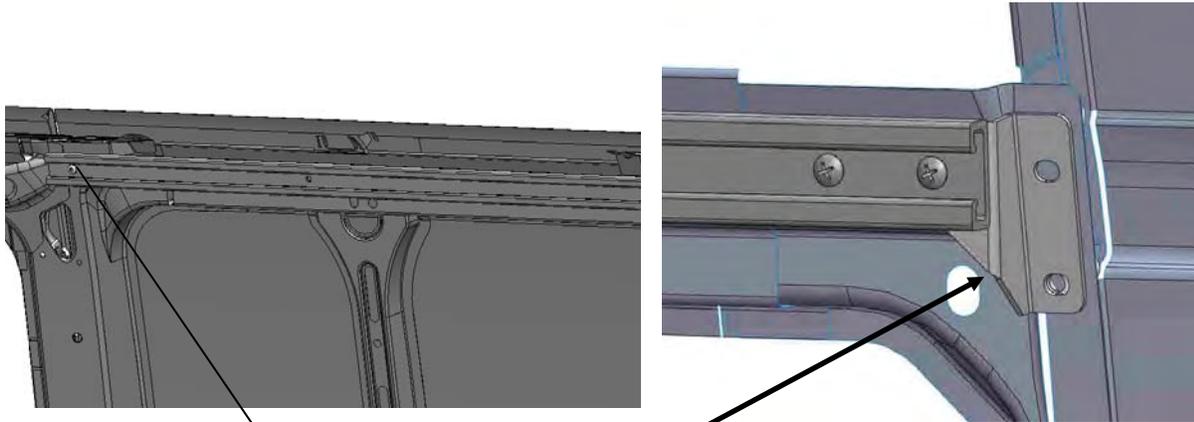


45747 RAIL X 45" (1)

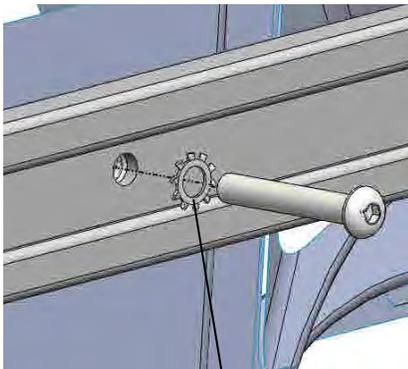
TIGHTEN AND ADJUST KEEPING
RAIL STRAIGHT

FAS0062— TRUSS HEAD (1)
FAS0055—NYLOCK NUT (1)
FAS0086—FLAT WASHER(1)

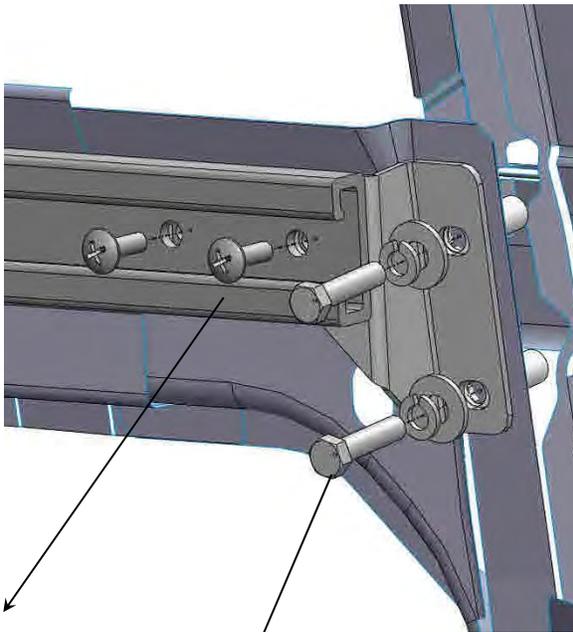
STEP 3C - ADD CURB SIDE D-PILLAR MTG PLATE



TRANSFER HOLE LOCATIONS
REMOVE RAIL
DRILL AND SET PLUSNUTS
FAS0091—5/16 PLUSNUT (3)



FAS0091—PLUSNUT (1)
FAS0048— BUTTON HD (1)
FAS0085—STAR WASHER (1)



FAS0062— TRUSS HEAD (2)
FAS0055—NYLOCK NUT (2)

FAS0091—PLUSNUT(2)
FAS0093— HEX HEAD (2)
FAS0098—LOCK WASHER (2)
FAS0086—FLAT WASHER (2)

STEP 4 - ADD CURB SIDE FLOOR RAIL

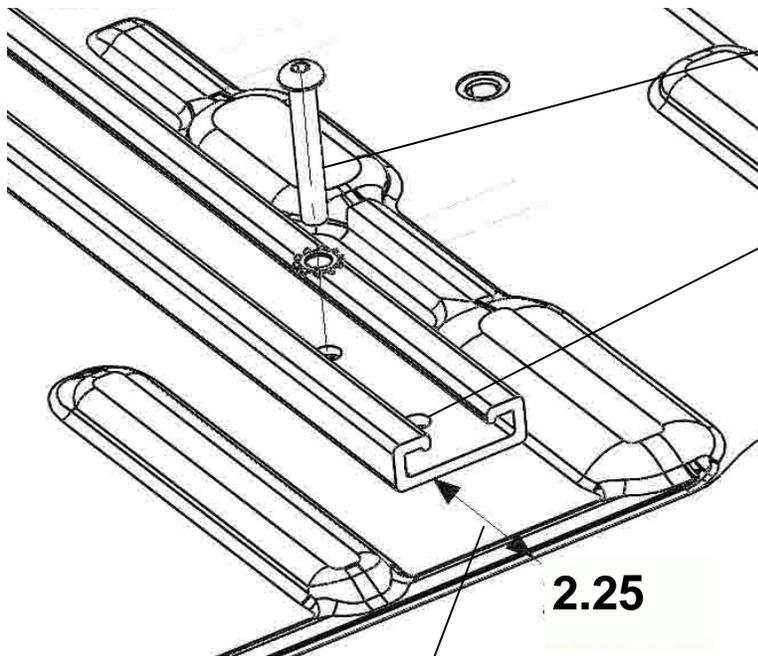
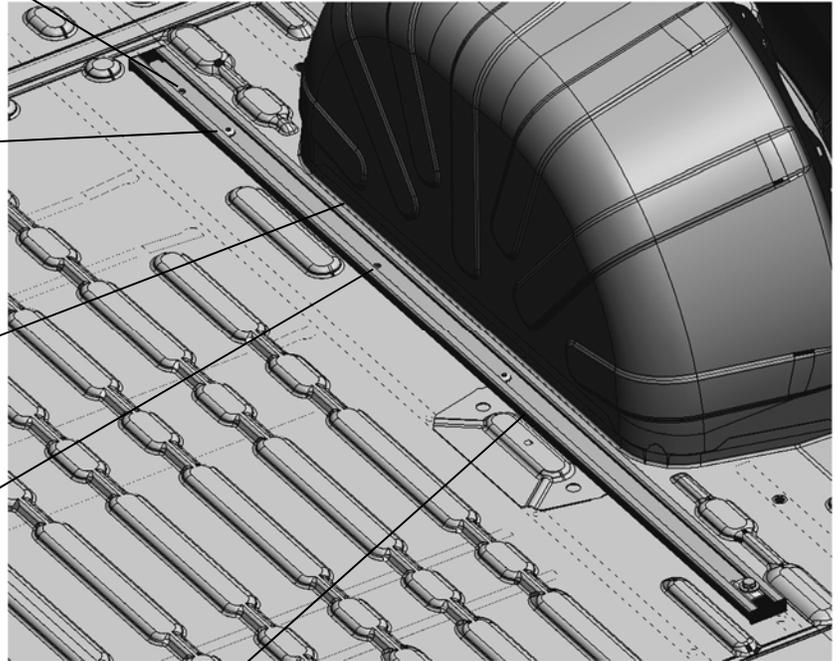
CAUTION !! DO NOT USE THIS HOLE!

TRANSFER HOLE LOCATIONS
(3) PLACES
REMOVE RAIL
DRILL AND SET PLUSNUTS
FAS0091—5/16 PLUSNUT (3)

UP AGAINST WHEEL WELL

CAUTION !! DO NOT USE THIS HOLE!

36499-0 RAIL X 50" (1)

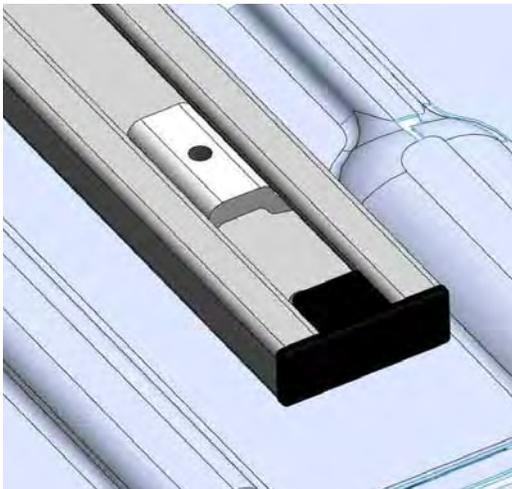
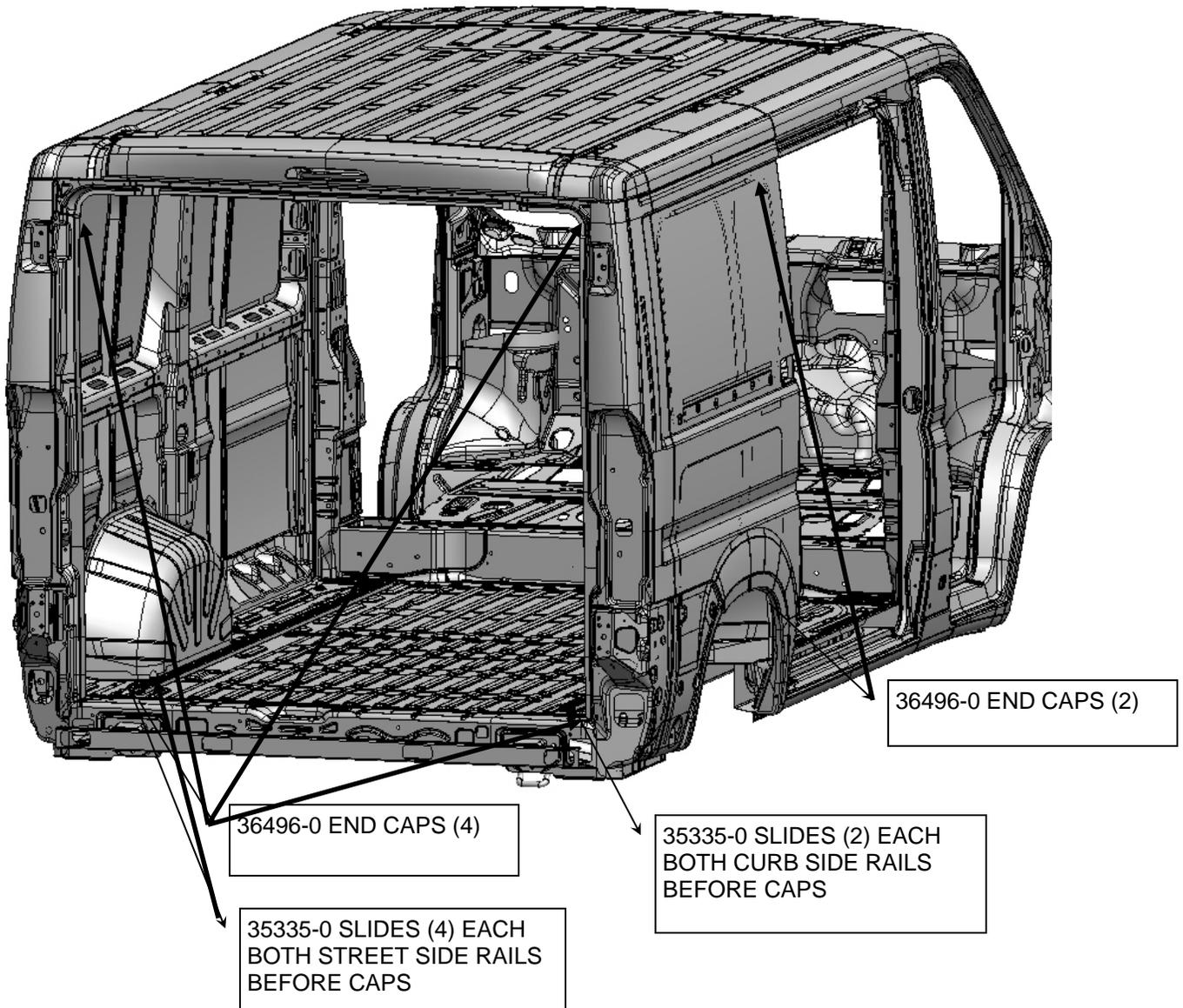


FAS0091—PLUSNUT (3)
FAS0048— BUTTON HD (3)
FAS0085—STAR WASHER (3)

FIRST HOLE NOT USED

APPROX 2 1/4" FROM SEAM
LINE UP WITH TOP RAIL

STEP 5 - ADD SLIDES AND END CAPS TO RAILS



YOUR INSTALLATION IS NOW COMPLETE



**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**