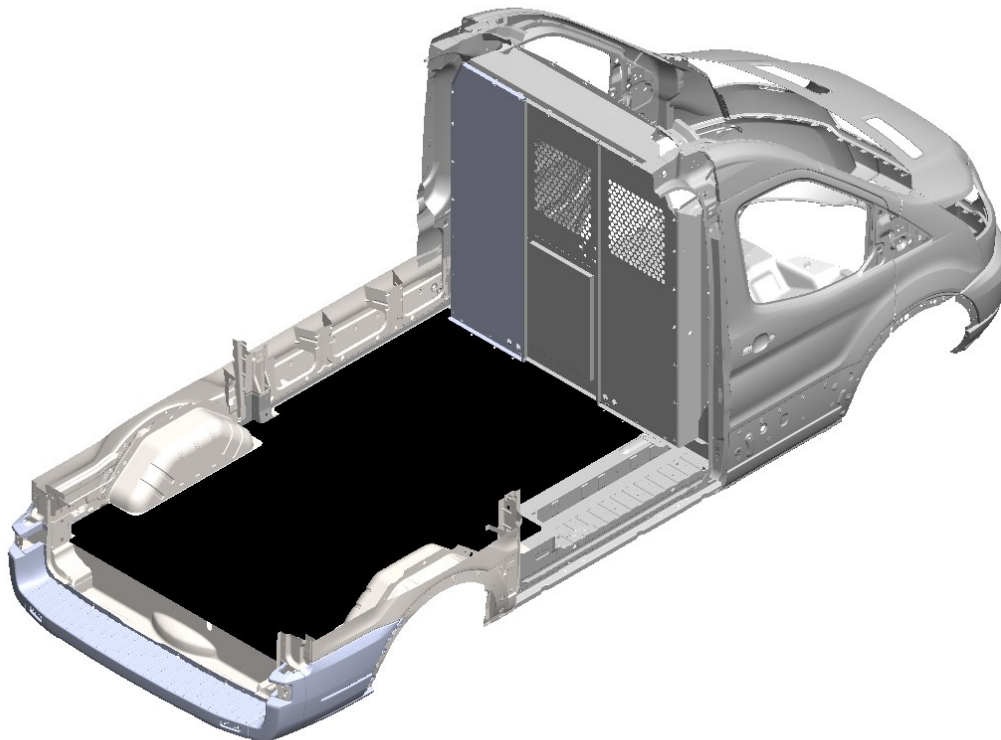


Introduction / Comments:

This floor is designed for 130" and 148" wheel bases of the Ford Transit.

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 Product gives you long service life.



COMPOSITE FLOOR FOR FORD TRANSIT
47688- 148" WB
47689- 130" WB

- PRECAUTIONS -



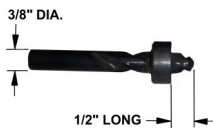
CAUTION
THE USE OF AIR IMPACT TOOLS CAN
OVER-TORQUE FASTENERS AND
CAUSE FASTENER FAILURE!



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 INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31121-0 (3/8" X 1/2"
DEEP), 31121-0 (1/2" x 1/2" DEEP)



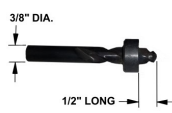
- IMPORTANT WARRANTY REQUIREMENTS -

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.

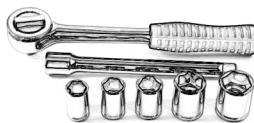
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS



MEASURING TAPE

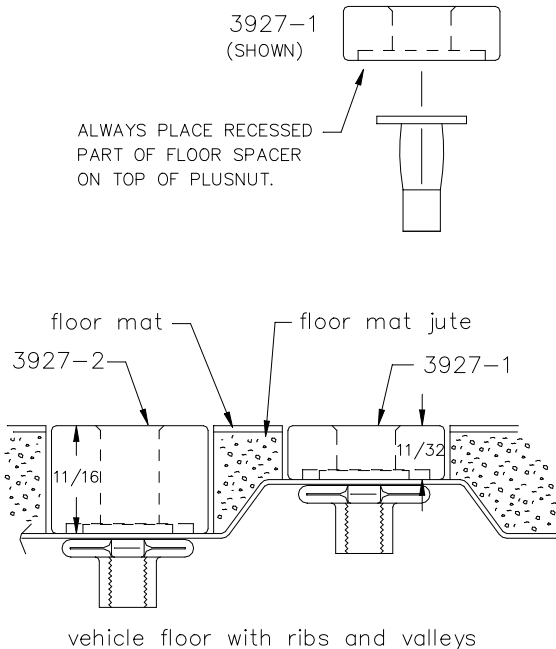
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

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.



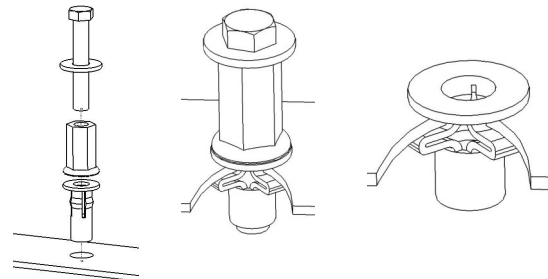
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

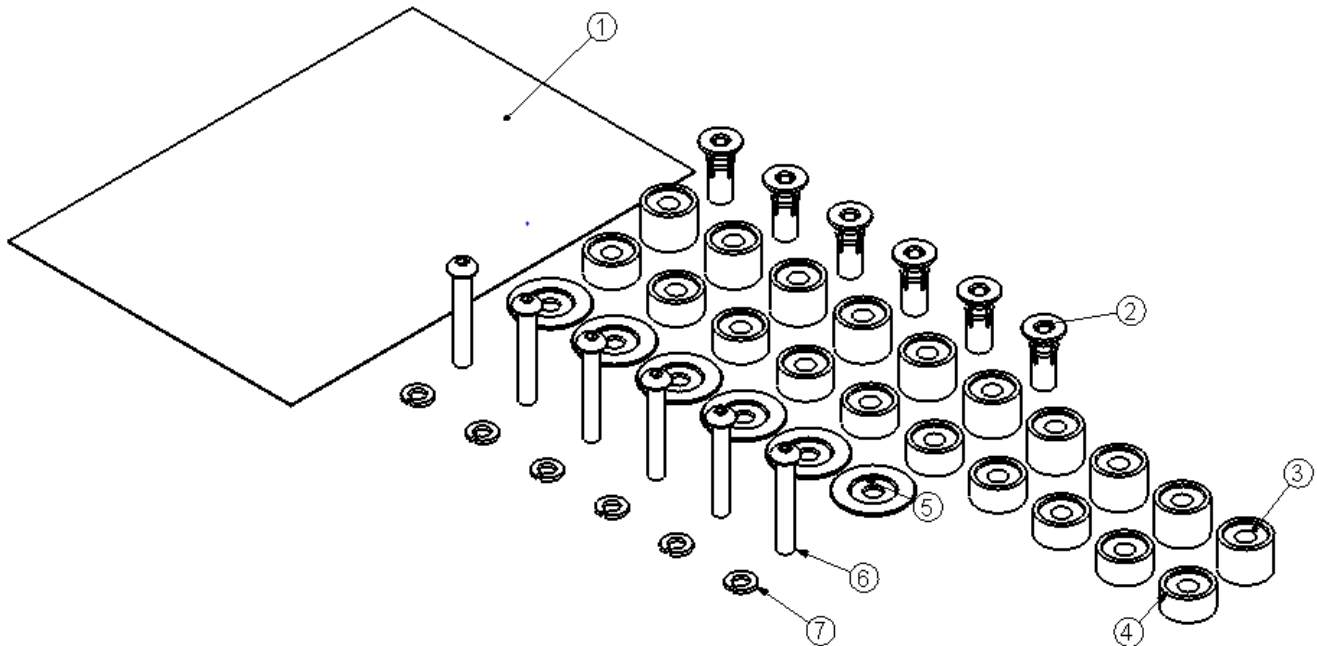


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

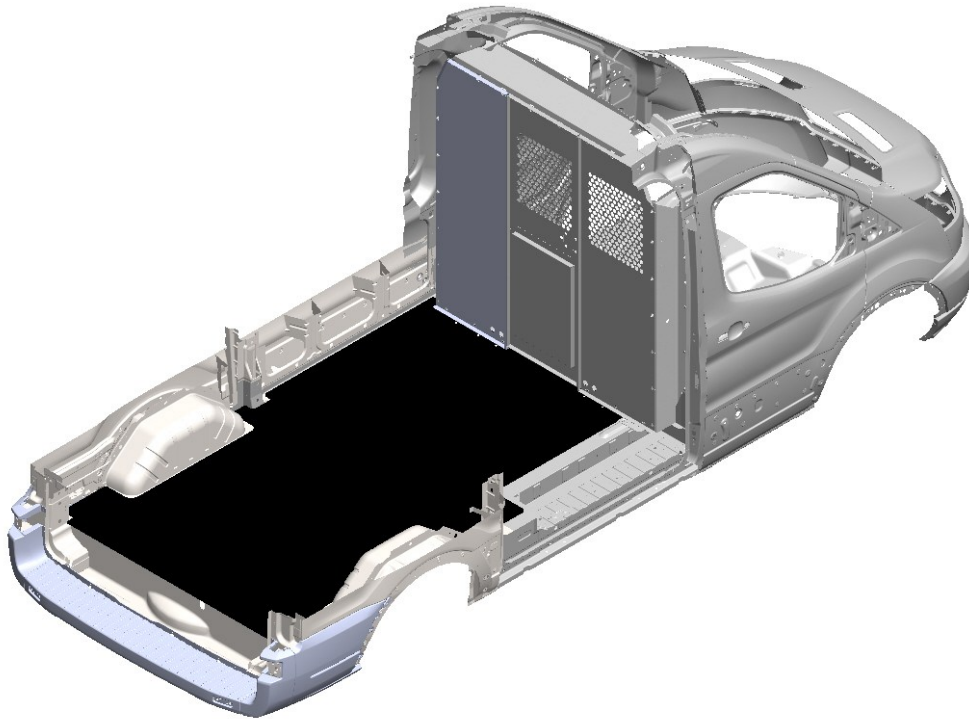
Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

**Installation and/or Assembly Fasteners
BAG48925**

ITEM NO.	PART NUMBER	DESCRIPTION	BAG48925/QTY.
1	BAG0710-A	7" X 10" 4MIL AUTOBAG	1
2	FA90091	Plushut, 5/16	6
3	FA90832	3/4" Floor Spacer	10
4	FA90831	1/2" SHORT SPACER	10
5	FA90833	WASHER, CUP FLANGED 1.5"	6
6	FAS0048	Screw, Button Hd Hex Soc, 5/16-18X 2, BLK OXIDE	6
7	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	6

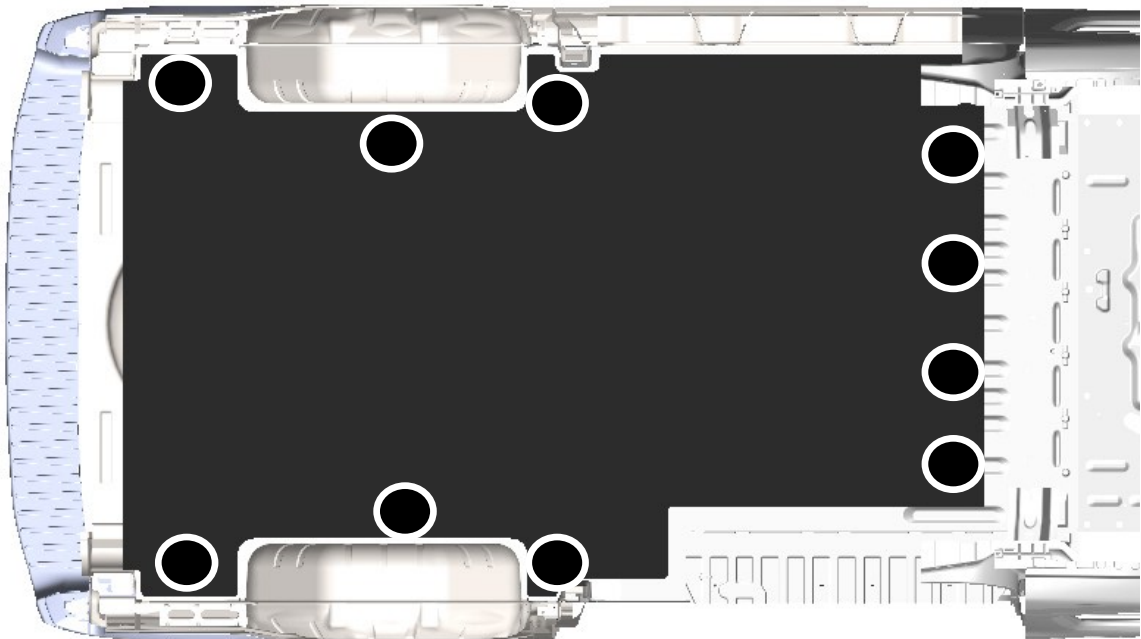


Step 01 Place the liner into the vehicle as shown below for both 130" and 148"
Install liner prior to partition installation.



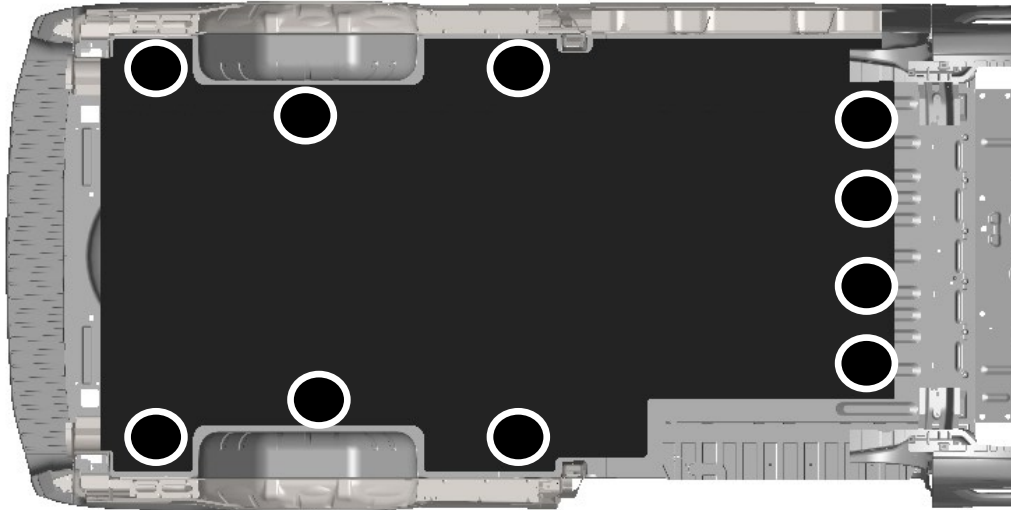
Step 02
(130" WB) Drill Ø1.25 holes for all mounting locations shown and for the partition
(On top of the rib is preferred)

Skip steps near passenger wheel well if installing 82998 kit and refer to INS82998



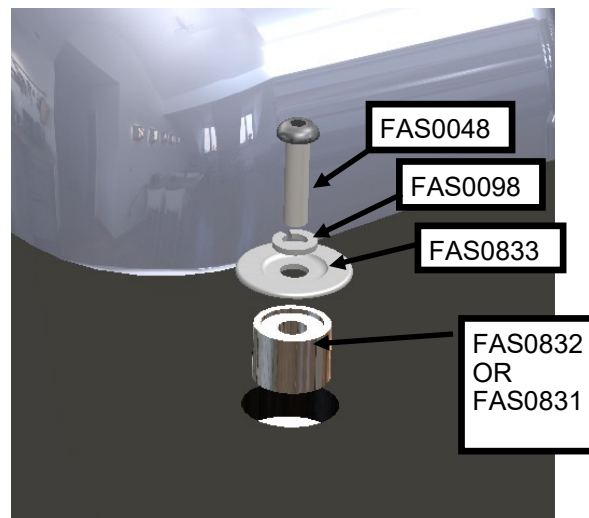
Step 02 (148" WB) Drill Ø1.25 holes for all mounting locations shown and for the partition
(On top of the rib is preferred)

Skip steps near passenger wheel well if installing 82998 kit and refer to INS82998



Step 03 Drill and set plusnuts (FAS0091) centered in the holes just drilled in the floor liner.

Step 04 Install spacers and fasteners as shown below. Use the spacer that allows the cup washer to sit inside the lip on the top of the spacer. This will vary between mounting points

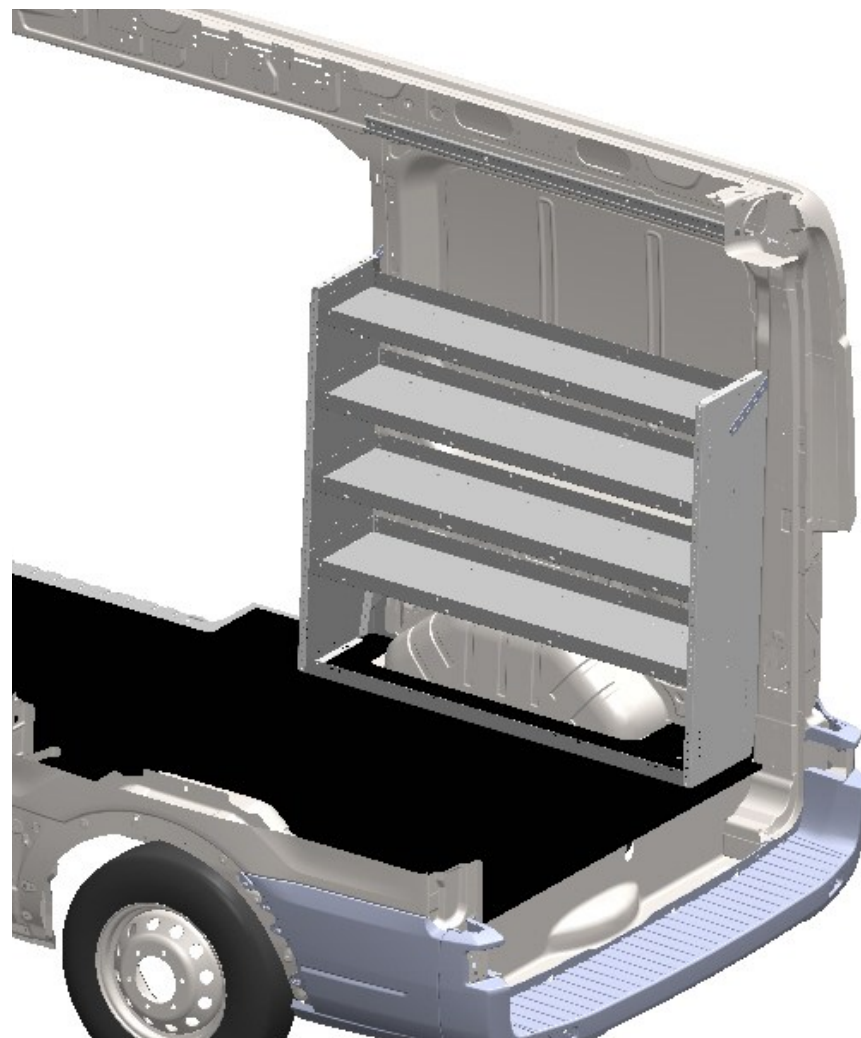


EXAMPLE OF KD INSTALLED ON FLOOR.

1.25" HOLE WITH SPACER MUST BE USED UNDER KD UNIT,
SEE KD UNIT INSTALL INSTRUCTIONS FOR MOUNTING OF KD.

STORE INSTRUCTIONS IN VEHICLE FOR END USER.

NOTE: IF YOU NEED TO DRILL HOLES IN THE FLOOR FOR ADDITIONAL KD UNITS OR PRODUCT, YOU MUST MARK THE FLOOR WITH DESIRED HOLES, PULL IT OUT OF THE VAN, OR PROP IT UP TO LIFT OFF THE OEM FLOOR. NOT DOING THIS COULD RESULT OF DRILLING THROUGH THE OEM FLOOR.



EXAMPLE OF WIDE KD INSTALLED ON AD RAIL ON FLOOR.

MOUNT AD RAIL PER AD RAIL INSTRUCTIONS.

SEE KD UNIT INSTALL INSTRUCTIONS FOR MOUNTING OF KD.

STORE INSTRUCTIONS IN VEHICLE FOR END USER.

NOTE: IF YOU ARE MOUNTING AN 18" OR WIDER KD ON THE AD RAIL YOU WILL NEED TO USE THE FOLLOWING METHOD.

MOUNT KD TO AD RAIL USING APPROPRIATE AD SLIDE & FASTENERS. USE (4) 03927-2 SPACER AND (4) FAS0047 #14X1.5 THP SCREW TO LEVEL THE 4 CORNERS OF THE CABINET AS SHOWN.

