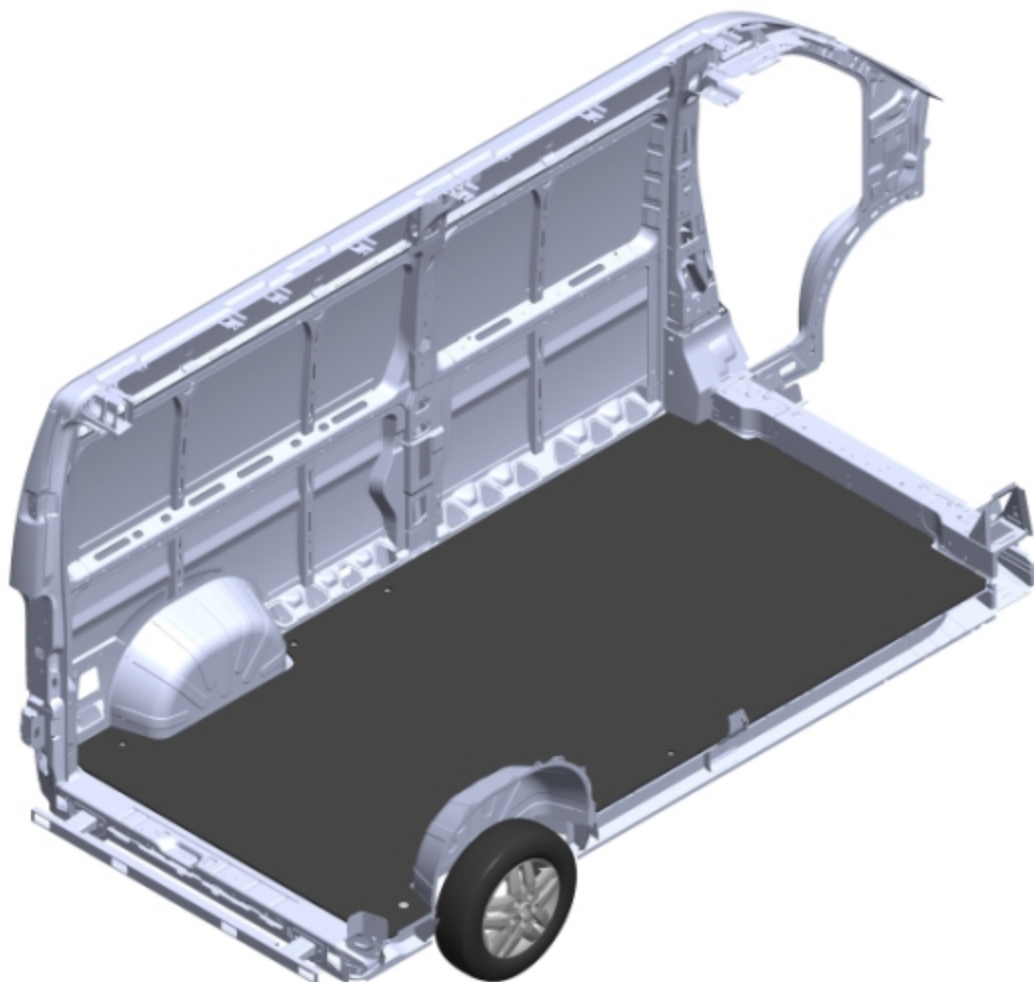


Introduction / Comments:

This floor is designed for 136" and 159" wheel bases of the Dodge Promaster. Floor is designed with a minimum 1/2" clearance around the perimeter for thermo expansion. D-ring are optionally utilized with the kit.

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 tank holder gives you long



COMPOSITE FLOOR FOR 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
STOPRATCHET, SOCKETS
AND/OR WRENCHES

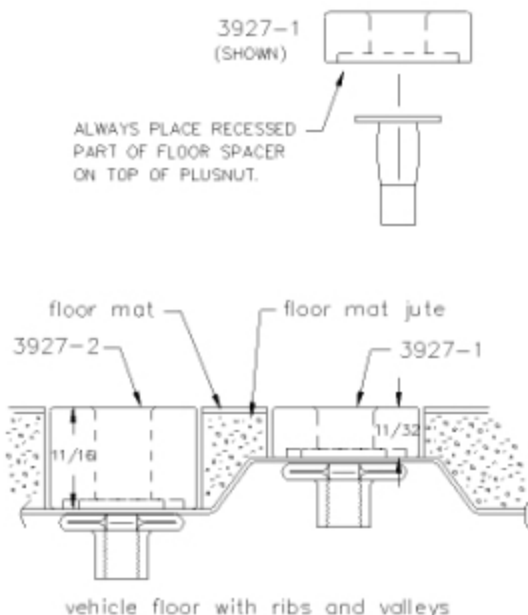
SCREWDRIVERS



MEASURING TAPE

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

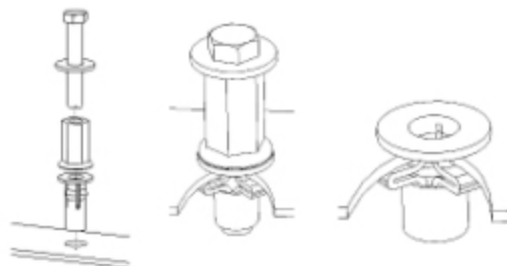
If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select 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.

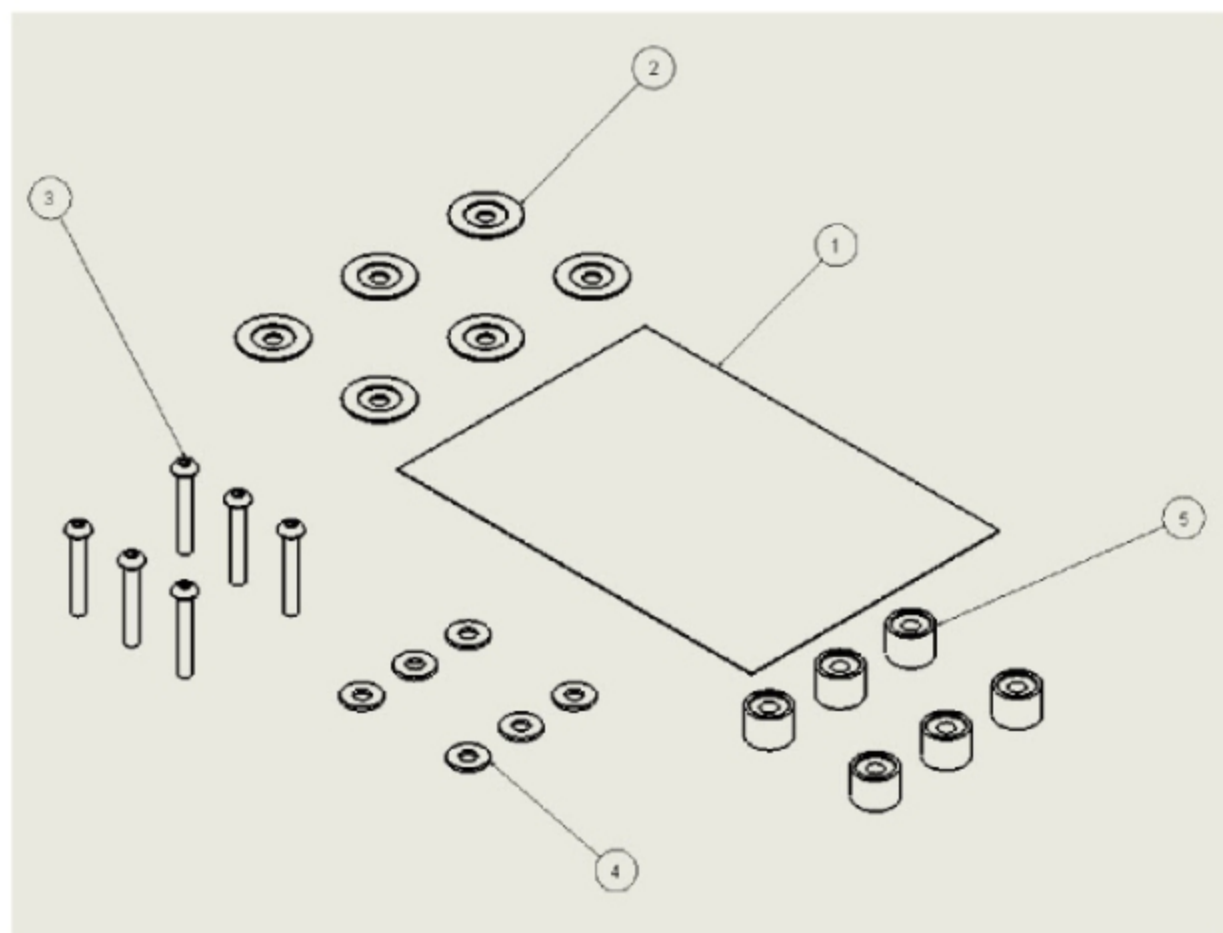
1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop
FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8
FAS0067 WASHER, FLAT, 1/4"ID
22200-0 PLUSNUT TOOL

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

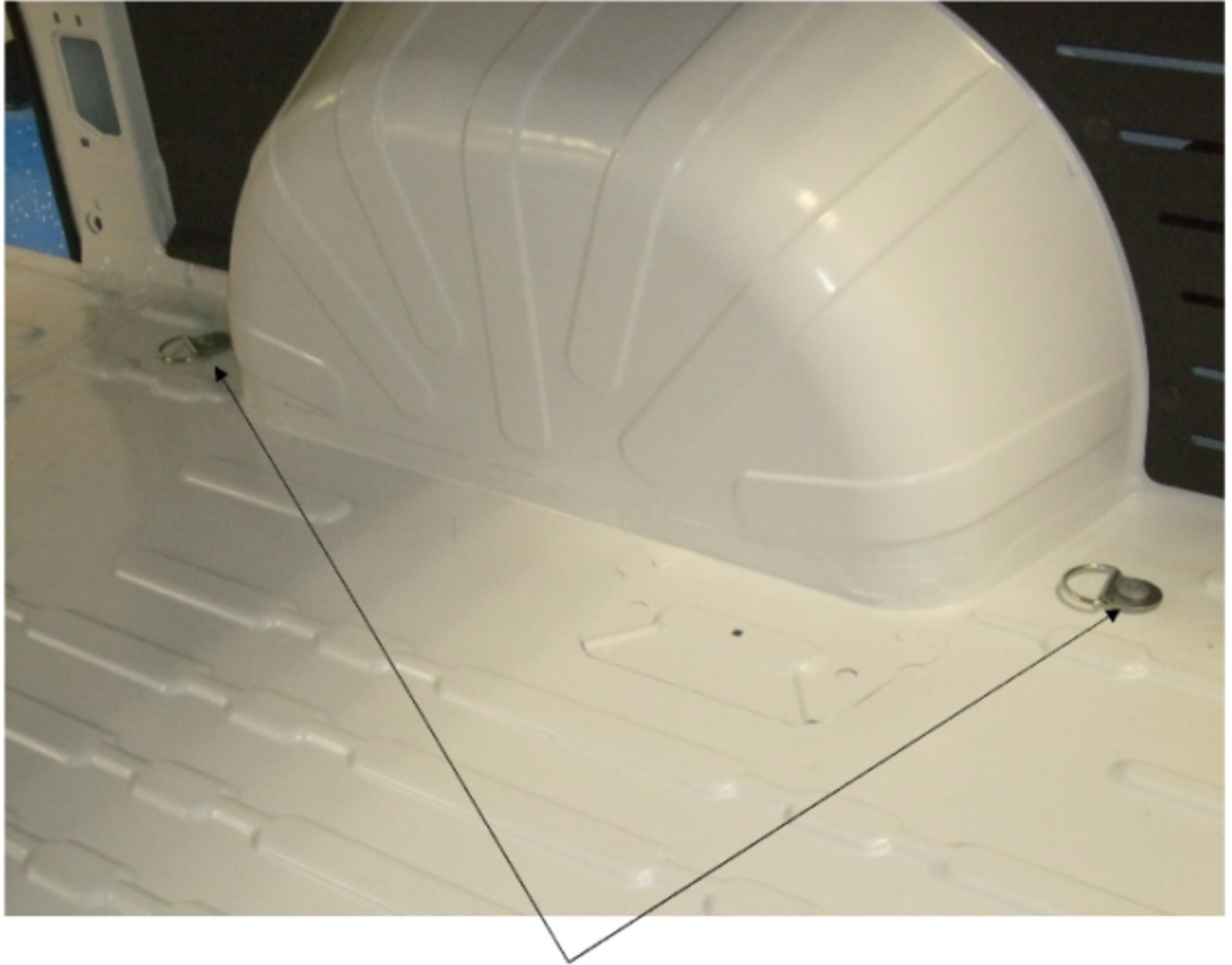


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal. Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

ITEM NO.	PART NUMBER	DESCRIPTION	BAG89-PM/QTY.
1	BAG0710-A	8" X 10" 4MIL AUTOBAG	1
2	FAS0833	WASHER, CUP FLANGED 1.5"	6
3	FAS0742	Screw, Button Hd Hex Soc, M8-1.25 X 50	6
4	FAS0096	Washer, Flat, 5/16, ZN	6
5	FAS0832	3/4" Floor Spacer	6



REMOVE OEM D-RINGS (6 PLACES 136" WB, 8 PLACES 159") SET TO THE SIDE FOR NOW.



REMOVE ALL (6/8) OEM D-RINGS. REFER TO NEXT PAGES FOR INSTALLATION.

PLACE FLOOR IN VAN. TILT FLOOR, AND ENTER FROM THE REAR OF THE VAN.



136" WB

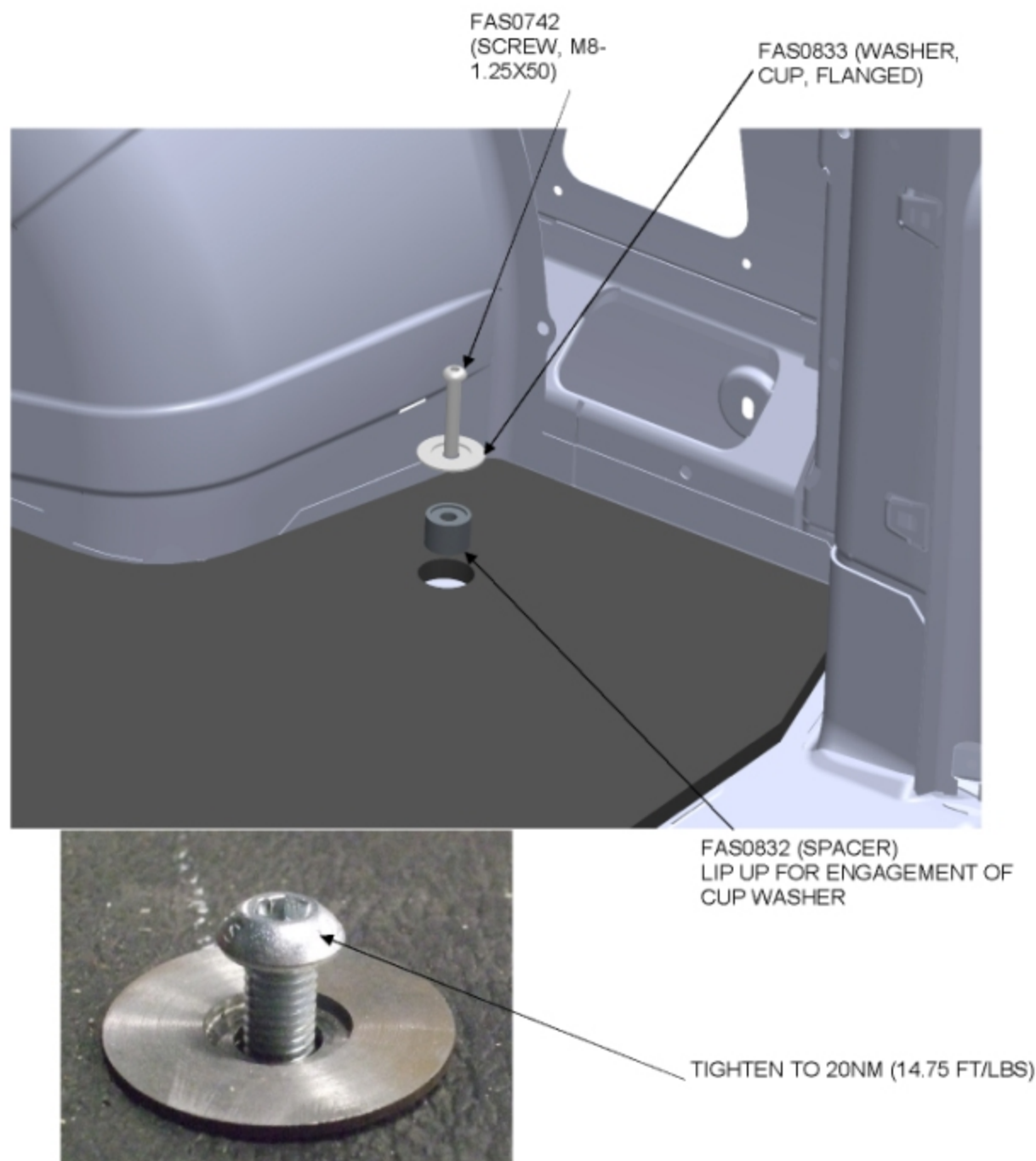
159" WB



ATTACH FLOOR TO VEHICLE.

THE NEXT TWO PAGES SHOW TWO VARIATIONS OF INSTALLATION TECHNIQUES. BASED ON PACKAGE, LOCATION OF KD UNITS, AND END USER PREFERENCE.

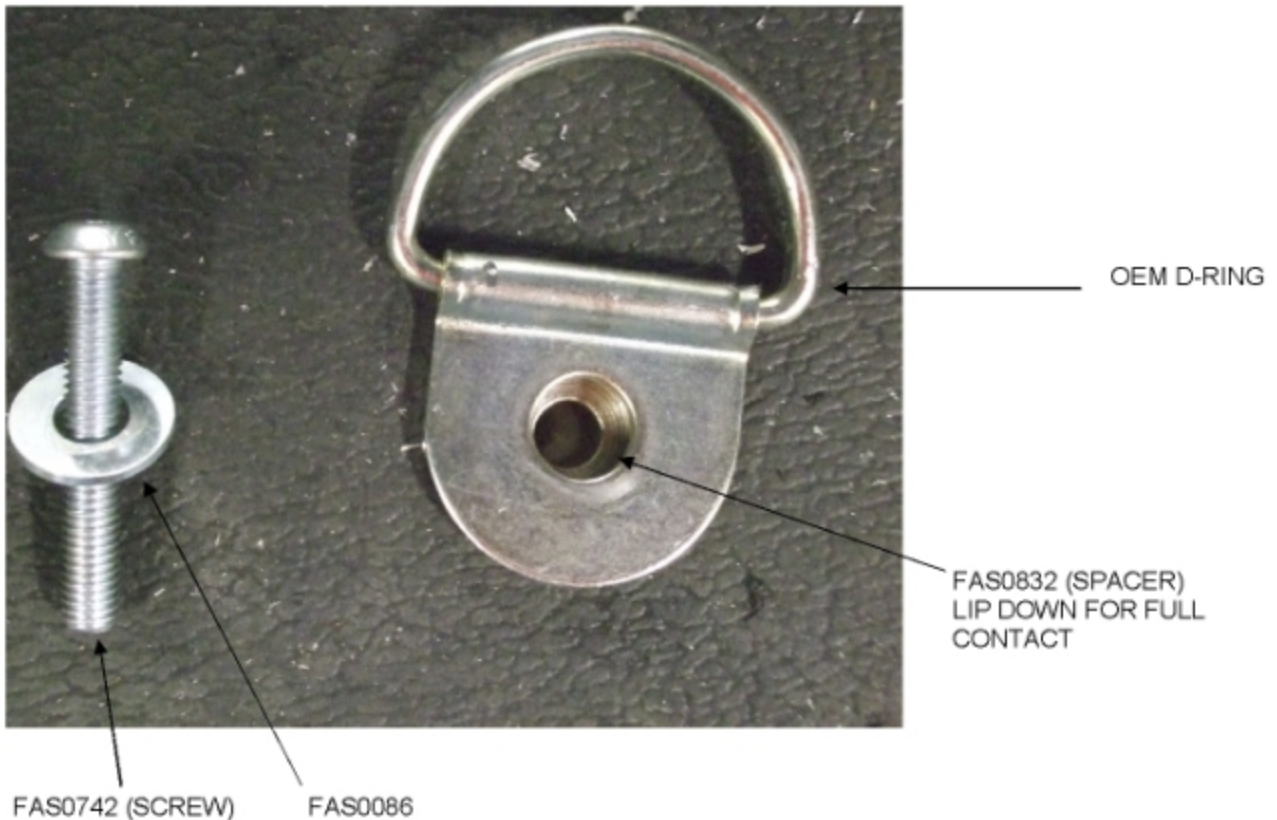
INSTALLATION USING FLANGED CUP WASHER.
(TO BE USED WHEN KD UNITS INTERFERE WITH D-RING ACCESSIBILITY)



ATTACH FLOOR TO VEHICLE.

INSTALLATION USING EXISTING D-RINGS, OEM

REMOVE SPACER, SCREW, AND LOCK WASHER FROM OEM D-RING ASSEMBLY.



FINAL ASSEMBLY
TIGHTEN TO
20NM (14.75 FT/LBS)



EXAMPLE OF KD INSTALLED ON FLOOR.

CUP WASHER USED UNDER KD UNIT, D-RING ASSEMBLY USED IN OTHER AREAS.

SEE KD UNIT INSTALL INSTRUCTIONS FOR MOUNTING OF KD.

ANY UNUSED D-RING ASSEMBLY. STORE IN VEHICLE FOR END USER ALONG WITH INSTRUCTIONS.
IF ANY ADDITIONAL FASTENERS ARE NEEDED, BAG89-PM2 WILL INCLUDE THE CUP WASHER AND BOLTS.

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.

