



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

VERTICAL TANK HOLDER, 1-50LB

PRODUCT WEIGHT

11.19 LBS

WIDTH X DEPTH X HEIGHT

13" X 13" X 12"

CAPACITY

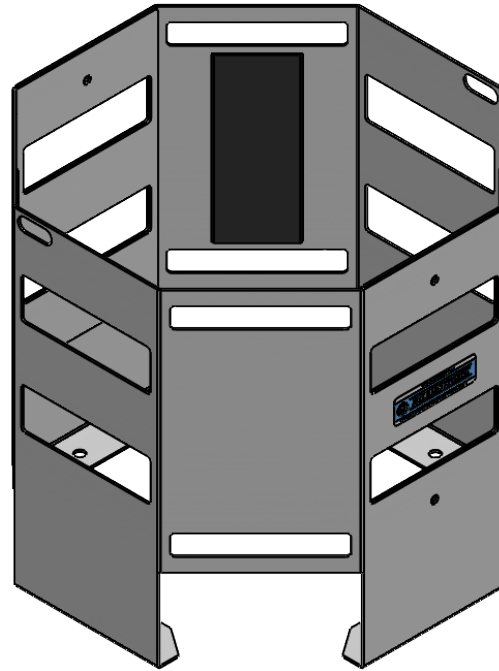
13", 50LB TANK

COLOR

GRAY

CATALOG NUMBER

VTH150



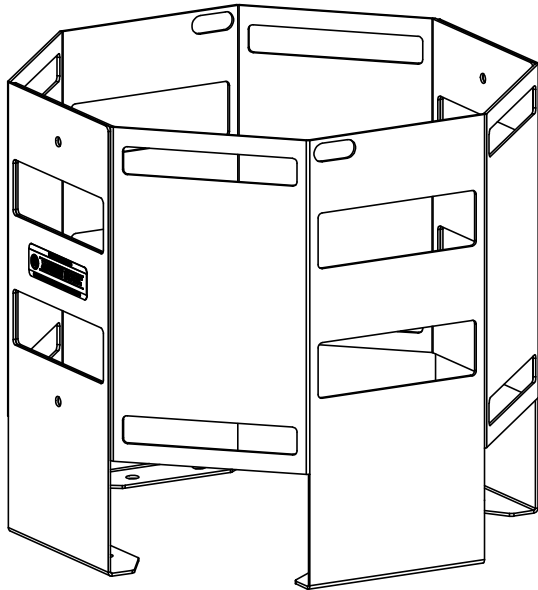
PRODUCT FEATURES

THIS TANK RACK IS DESIGNED TO CARRY 13", 50LB TANK.

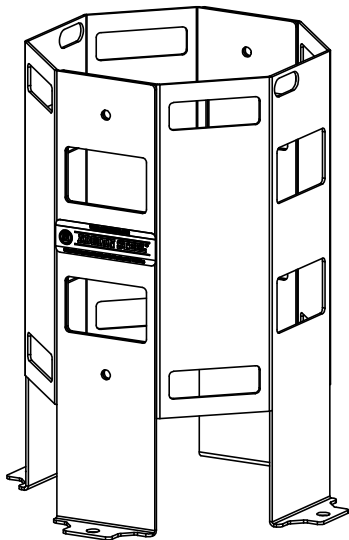
THIS PRODUCT IS NOT VEHICLE SPECIFIC, THE KIT HAS FASTENERS INCLUDED FOR ATTACHING TO THE VEHICLE.

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

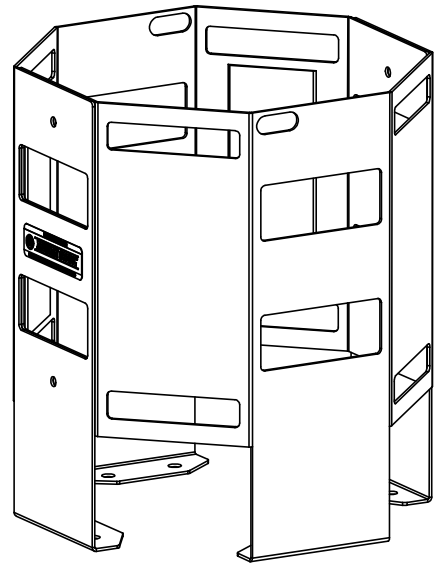
INSTR. NUMBER : 78827	PG: 1	REV: B
PART . VTH130, VTH150 NUMBER • VTH10T, VTH1BT		
PART • VERTICAL TANK RACK DESC. • INSTALL INST.		



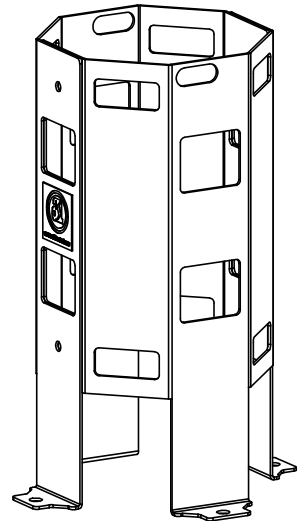
VTH150



VTH1BT



VTH130



VTH10T

TOOLS NEEDED:

- 1/2" SOCKET
- 1/2" DRILL BIT
- DRILL
- PLUSNUT TOOL
-
-

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.

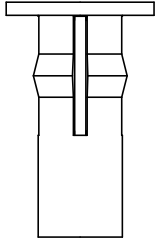
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

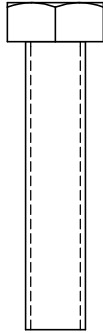
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

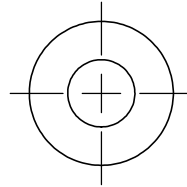
BAG REFERENCE: BAG78608



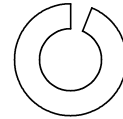
**FAS0091
PLUSNUT, 5/16
QTY: 4**



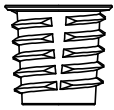
**FAS0242
SCREW, HEX Hd,
5/16-18X1.50, SS
QTY: 4**



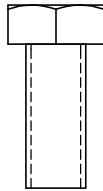
**FAS0552
WASHER, FLAT,
5/16, SST
QTY: 4**



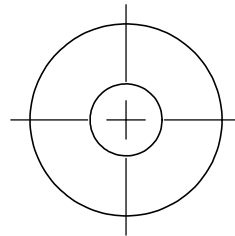
**FAS0588
WASHER, LOCK, SPLIT
5/16, SS
QTY: 4**



**FAS0921
TAPPING INSERT,
5/16-18X33/64, ZINC
QTY: 4**



**FAS0081
SCREW, HH,
5/16-18X.75, ZP
QTY: 4**

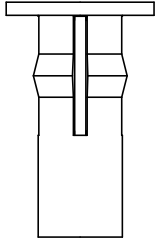


**FAS0831
1/2" SHORT SPACER
QTY: 4**

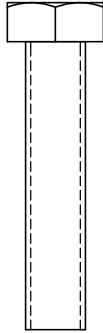
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FASTENERS USED

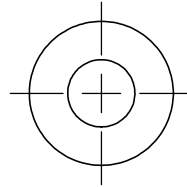
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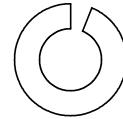
**FAS0091
PLUSNUT, 5/16
QTY: 8**



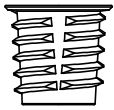
**FAS0242
SCREW, HEX Hd,
5/16-18X1.50, SS
QTY: 8**



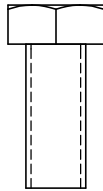
**FAS0552
WASHER, FLAT,
5/16, SST
QTY: 8**



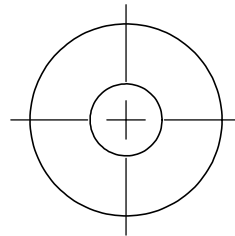
**FAS0588
WASHER, LOCK, SPLIT
5/16, SS
QTY: 8**



**FAS0921
TAPPING INSERT,
5/16-18X33/64, ZINC
QTY: 8**



**FAS0081
SCREW, HH,
5/16-18X.75, ZP
QTY: 8**



**FAS0831
1/2" SHORT SPACER
QTY: 8**

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HARDWARE USED

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**64790
QTY: 4
USED ON VTH1OT**

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**43412
QTY: 4
USED ON VTH1BT, VTH130, AND VTH150**

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STEP 1 - PREPARATION STEP: STICK ON PAD ASSEMBLY

STEP 1.1:
LOCATE TANK
HOLDER AND 4
INCLUDED
STICK ON
PADS.

(VTH1OT: QTY 4
OF 64790)

(VTH1BT,
VTH130, AND
VTH150: QTY 4
OF 43412)

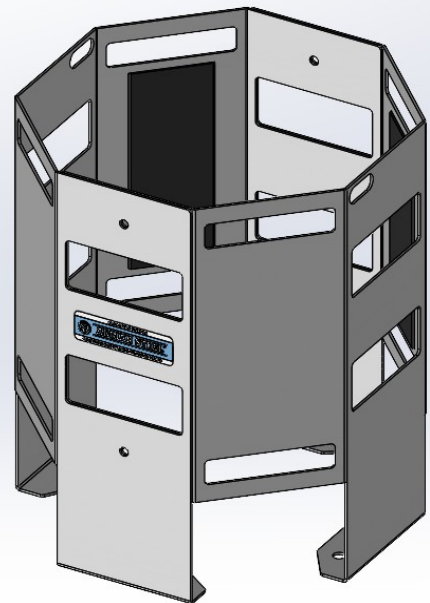
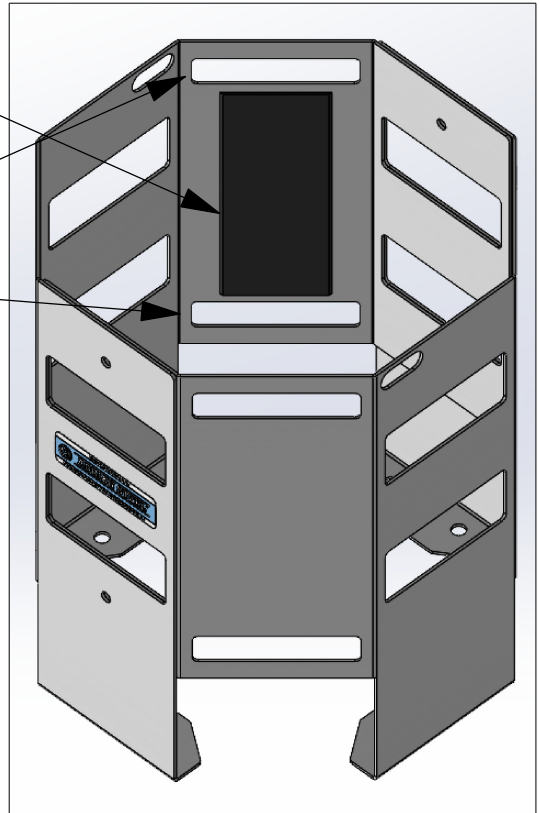
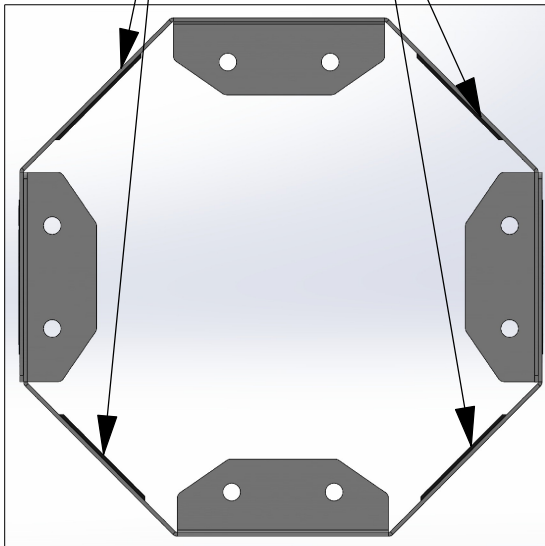
STEP 1.2:
PEEL BACK
ADHESIVE
COVER AND
PLACE IN
DESIGNATED
PAD
LOCATION.
(LOCATION
DETERMINED
BY LARGER
GAP BETWEEN
SLOTS)

STEP 1.3:
REPEAT STEP 1.2
FOR ALL FOUR
PAD
LOCATIONS.

LOCATING SLOTS

Step 1.2

Step 1.3



**FINISHED RACK SHOWN ABOVE,
SEE NEXT PAGES FOR INSTALL
INSTRUCTIONS.**

**STEP 2 (ICE INSTALLATION) - FINDING
VERTICAL TANK RACK LOCATION**

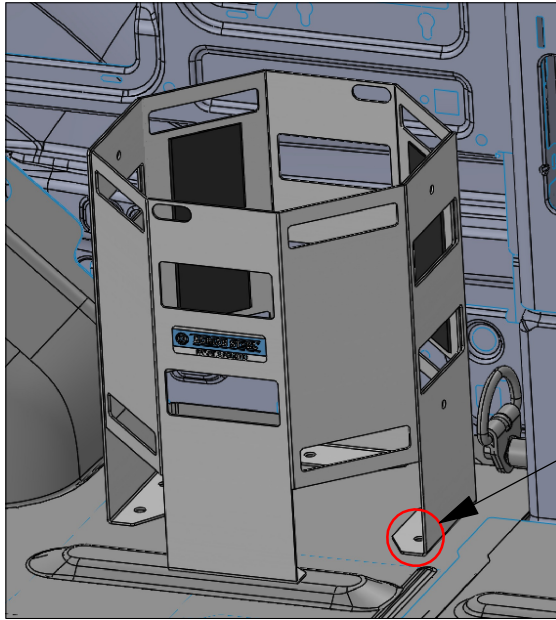
Step 2.1
FIND LOCATION
FOR VERTICAL
TANK RACK. AND
MARK HOLE
LOCATIONS ON
VEHICLE FLOOR
TO DRILL 1/2"
HOLES

1/2" DRILL BIT
DRILL

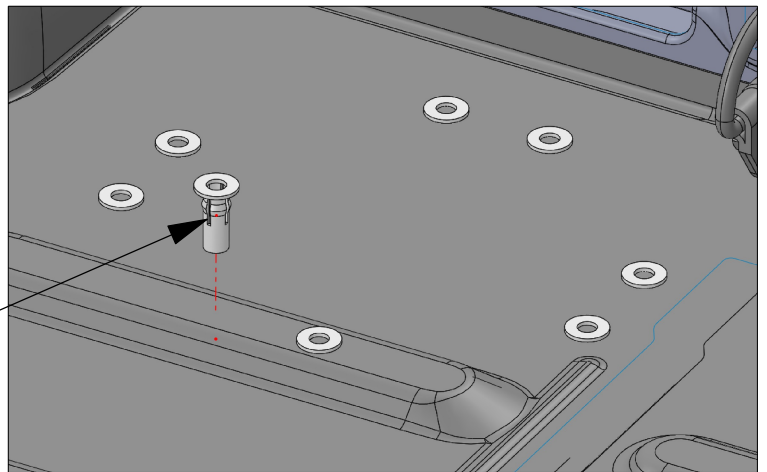
Step 2.2
PLACE FAS0091
INTO DRILLED
HOLES, USE
PLUSNUT TOOL
TO SECURE
PLUSNUTS TO
FLOOR

PLUSNUT TOOL

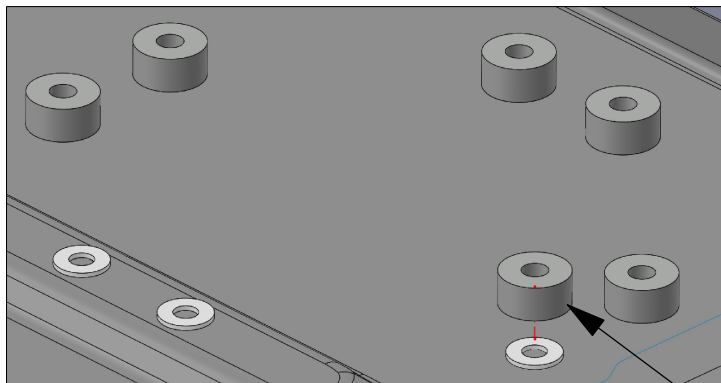
Step 2.3
IF HOLES ARE
DRILLED IN
VALLEY
BETWEEN THE
RIBS. PLACE
SPACE OVER
PLUSNUTS



Step 2.1



Step 2.2

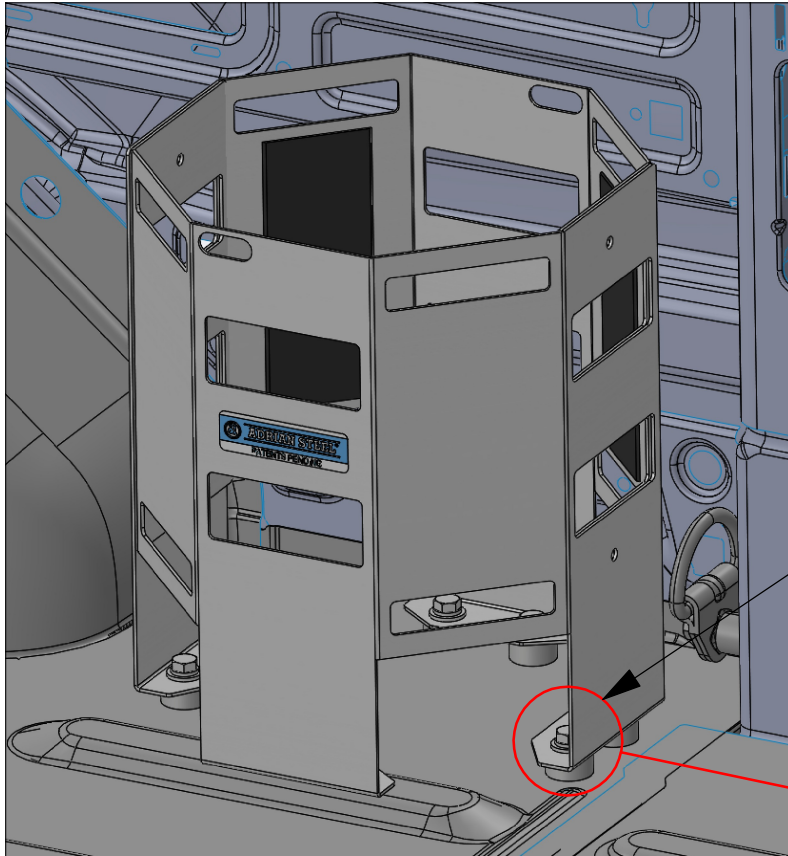


Step 2.3

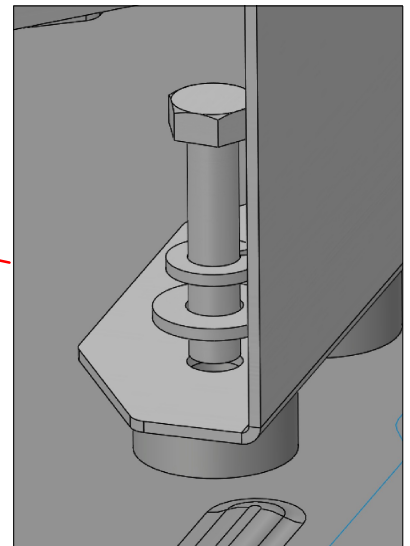
STEP 3 - MOUNTING VERTICAL TANK RACKS TO VEHICLE BARE FLOOR

Step 3.1
PLACE VERTICAL
TANK RACK
OVER SPACERS
AND PLUSNUTS,
FULLY TIGHTEN
FAS0242,
FAS0588, AND
FAS0552 IN
PLACE

1/2" SOCKET
DRILL



Step 2.1



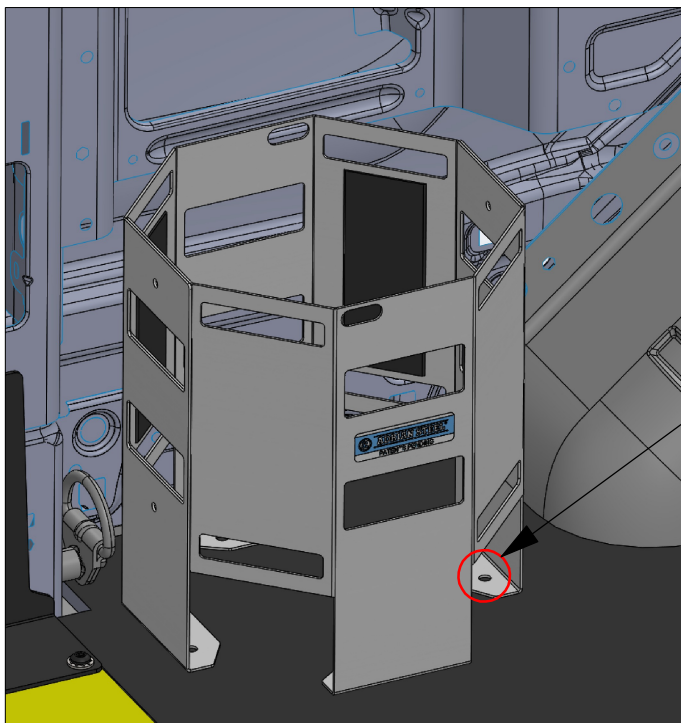
**STEP 2 (EV INSTALLATION) - FINDING
VERTICAL TANK RACK LOCATION**

Step 2.1
FIND LOCATION
FOR VERTICAL
TANK RACK. AND
MARK HOLE
LOCATIONS ON
VEHICLE FLOOR
TO DRILL 7/16"
STARTER HOLES

7/16" DRILL BIT
DRILL

Step 2.2
PLACE FAS0921
INTO STARTER
HOLES, USE
M8X1.25MM
INSTALLATION
BIT TO SECURE
TAPPING INSERT
TO FLOOR

M8X1.25MM BIT
DRILL



Step 1.1

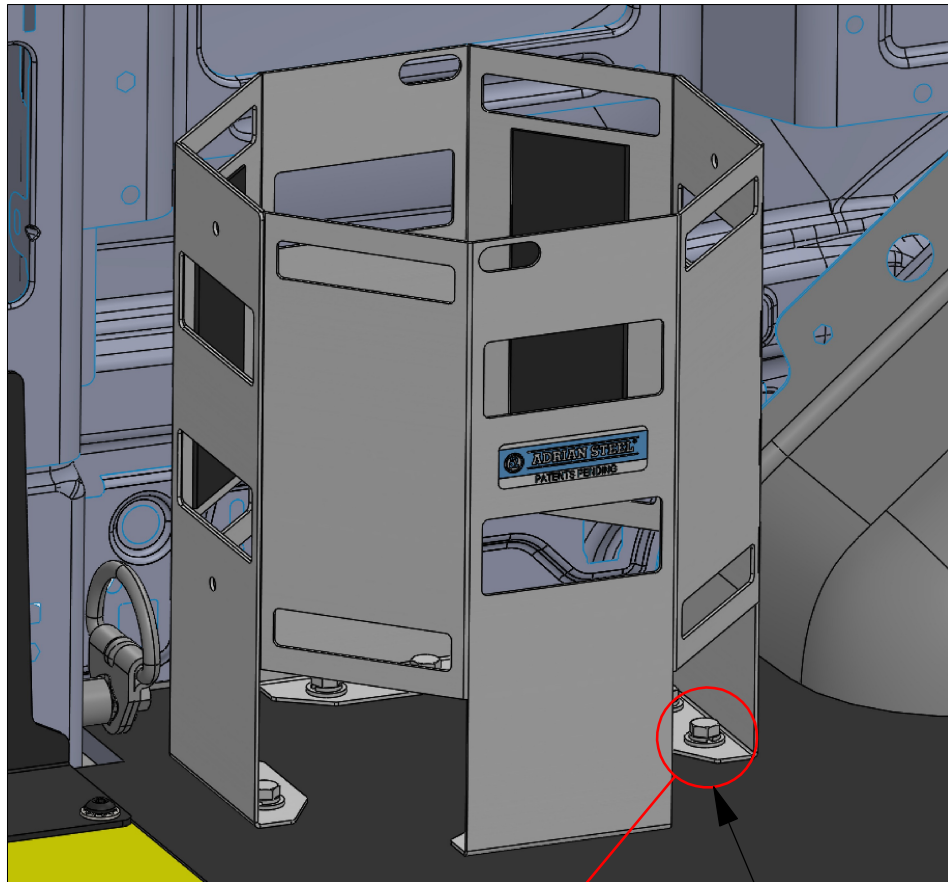
Step 1.2



STEP 3 - MOUNTING VERTICAL TANK RACKS TO VEHICLE FLOORING

Step 3.1
PLACE VERTICAL
TANK RACK
OVER SPACERS
AND PLUSNUTS,
FULLY TIGHTEN
FAS0081,
FAS0588, AND
FAS0552 IN
PLACE

1/2" SOCKET
DRILL



Step 2.1

