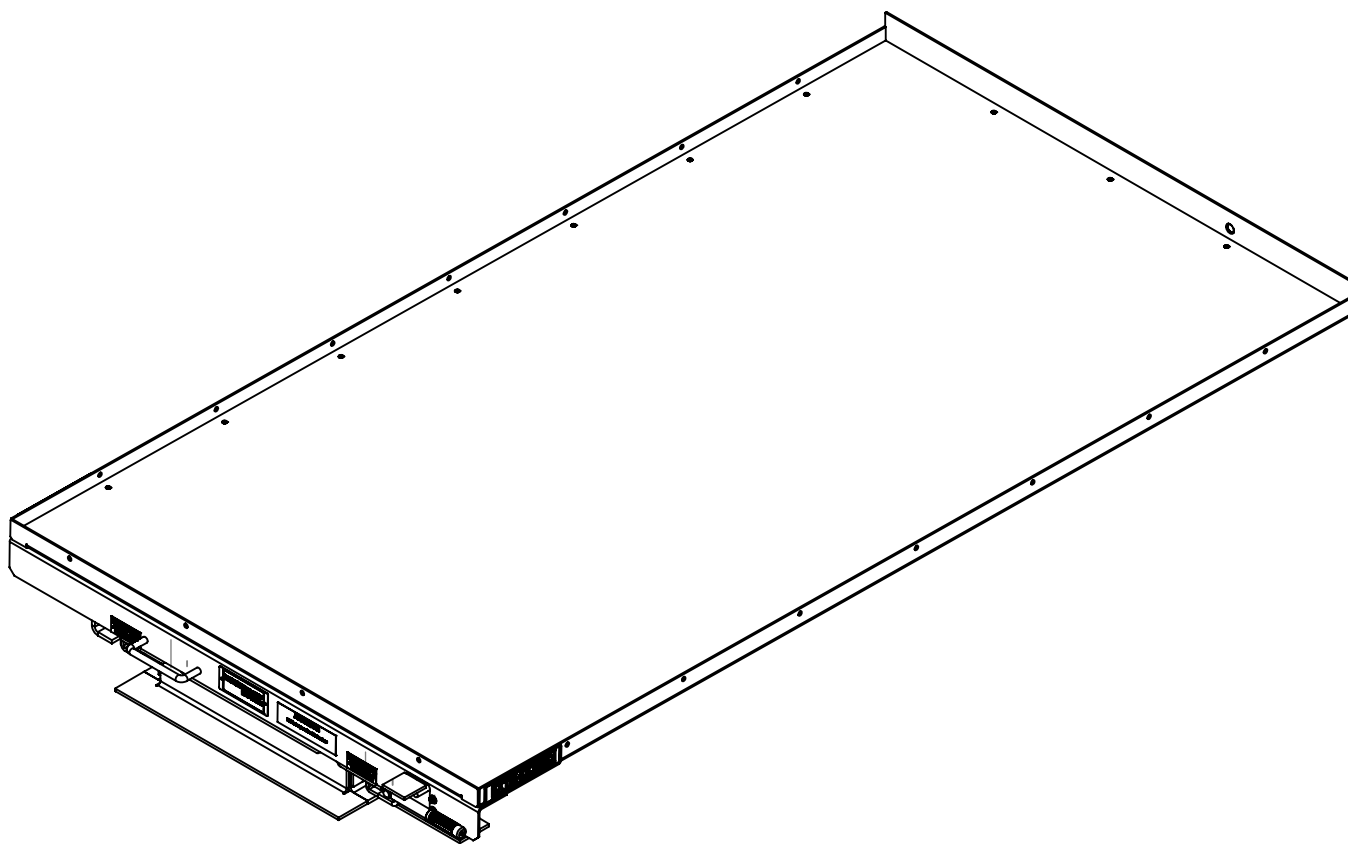


INSTR. : INS76663		PG: 1	REV: C
PART . EB1590			
NUMBER • EB1590-E			
PART • INSTALL INSTRUCTIONS,			
DESC. • EXTENDEBED 1500LB 48WX90L			



Applicable Vehicle

F150 8'
RAM1500 8'
GM1500 8'
F250/350 8' SRW
RAM2500/3500 8' SRW
GM2500/3500 8' SRW

TOOLS NEEDED:

- TAPE MEASURE
- DRILL
- 1/4" PILOT DRILL BIT
- 1/2" DRILL BIT
- 3/4" WRENCH
- 3/4" SOCKET
- IMPACT
- BLACK/SILVER MARKER
- TORQUE WRENCH

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 HARNESSSES 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.

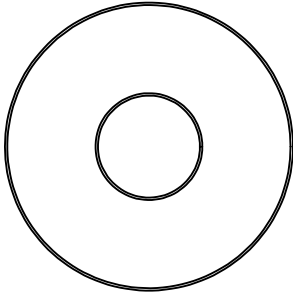
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

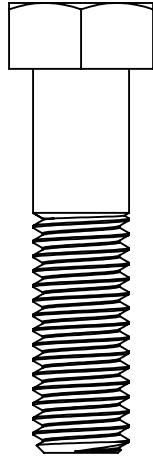
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

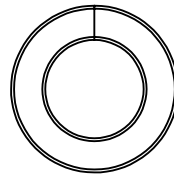
BAG REFERENCE:



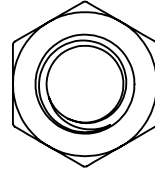
WASHER, FLAT
1/2X1.5
QTY: 4



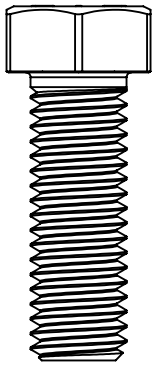
BOLT, HH
1/2-13X2.00"
QTY: 2



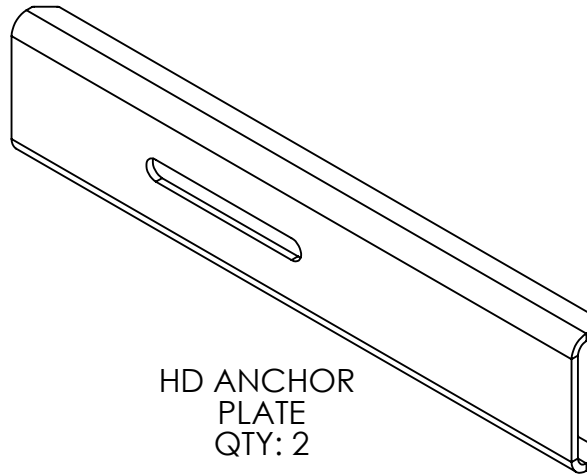
WASHER, LCK SPLIT 1/2
QTY: 4



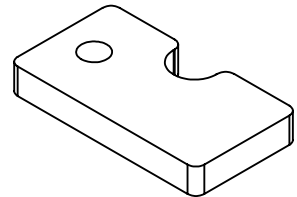
NUT, HEX 1/2-13
QTY: 4



BOLT, HH
1/2-13X1.5"
QTY: 2



HD ANCHOR
PLATE
QTY: 2



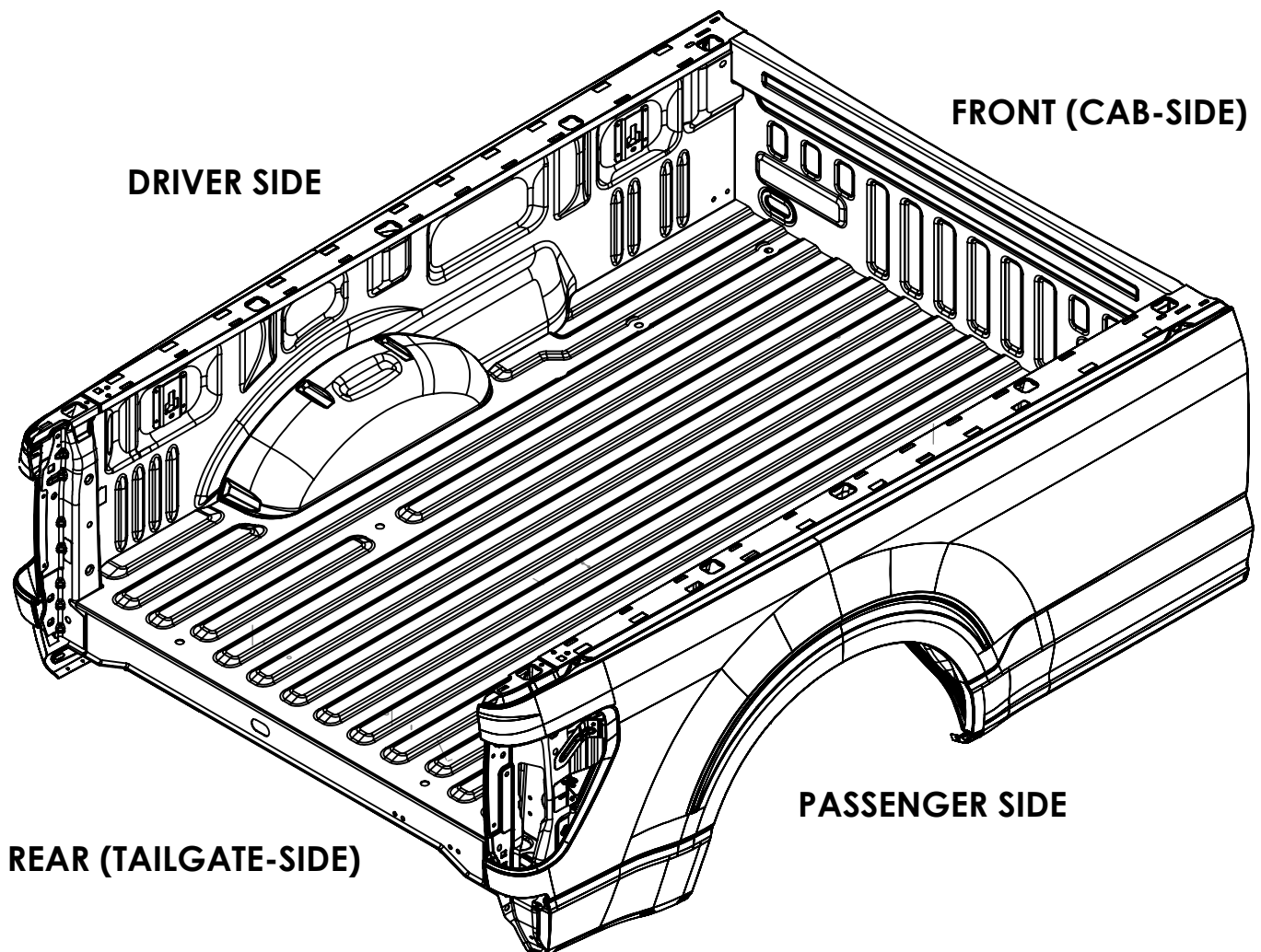
PLEAT SPACER
QTY: 2

INTENTIONALLY LEFT BLANK

STEP 1 - PREP PICKUP BED - ALL TRUCK BOXES

Step 1.1
REMOVE ALL DEBRIS
FROM BED OF VEHICLE

Step 1.2
INSPECT UNDER VEHICLE
LOCATING SPARE TIRE,
FUEL TANK, HEAT SHIELD,
FUEL LINES, AND ANY
OTHER ITEMS THAT COULD
BE DAMAGED WHEN
DRILLING MOUNTING
HOLES



THINGS TO CONSIDER...

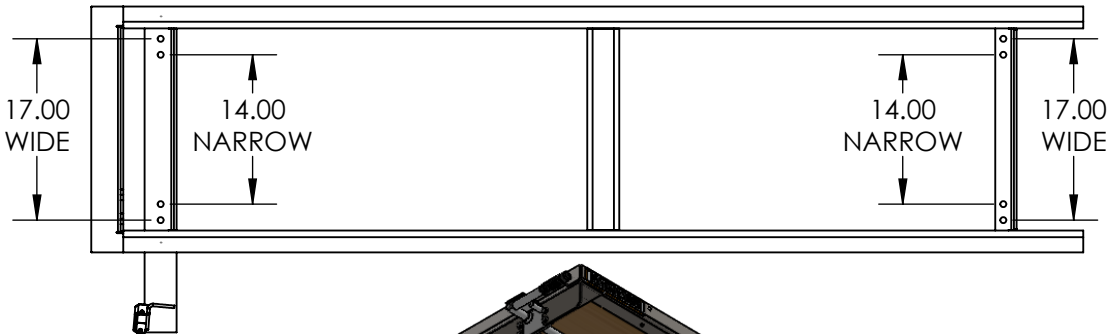
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***ANCHOR PLATES ARE INSTALLED, FLAT-SIDE-UP, UNDER TRUCK. ADJUST AS REQUIRED. TRY TO SPAN AS MANY PLEATS AS POSSIBLE. THIS WILL LEAD TO LESS DEFLECTION. (SEE STEP 4)**

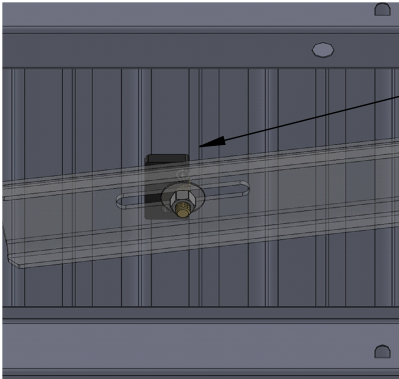
***PLEAT SPACERS WILL EITHER GO UNDER THE BED AT THE CAB-SIDE OF THE ASSEMBLY. THESE SPACERS ARE DESIGNED TO FILL THE VOID BETWEEN BED-FLOOR PLEATS.**
TIGHTENING CAB-SIDE BOLTS WITHOUT PLEAT SPACERS MAY CAUSE DAMAGE TO VEHICLE.
(SEE STEP 4)

***AT THE ANCHOR FRAME, THERE ARE TWO SETS OF BOLT HOLES AVAILABLE AT BOTH THE CAB AND TAILGATE SIDE OF THE ASSEMBLY. THE TRUCK TYPE WILL DETERMINE WHICH BOLT-HOLES ARE USED DURING INSTALLATION. BOLT-HOLES SHOULD LAND AT THE "PEAK" OF THE TRUCK BOX PLEATING**

Vehicle	Bolt-Hole Position
F150 8'	NARROW
RAM1500 8'	NARROW
GM1500 8'	WIDE
F250/350 8' SRW	NARROW
RAM2500/3500 8' SRW	NARROW
GM2500/3500 8' SRW	WIDE



**TAILGATE-SIDE
MOUNT HARDWARE**



PLEAT SPACER
**BOTTOM VIEW
UNDER TRUCK-BOX**

**CAB-SIDE MOUNT
HARDWARE**

THINGS TO CONSIDER...

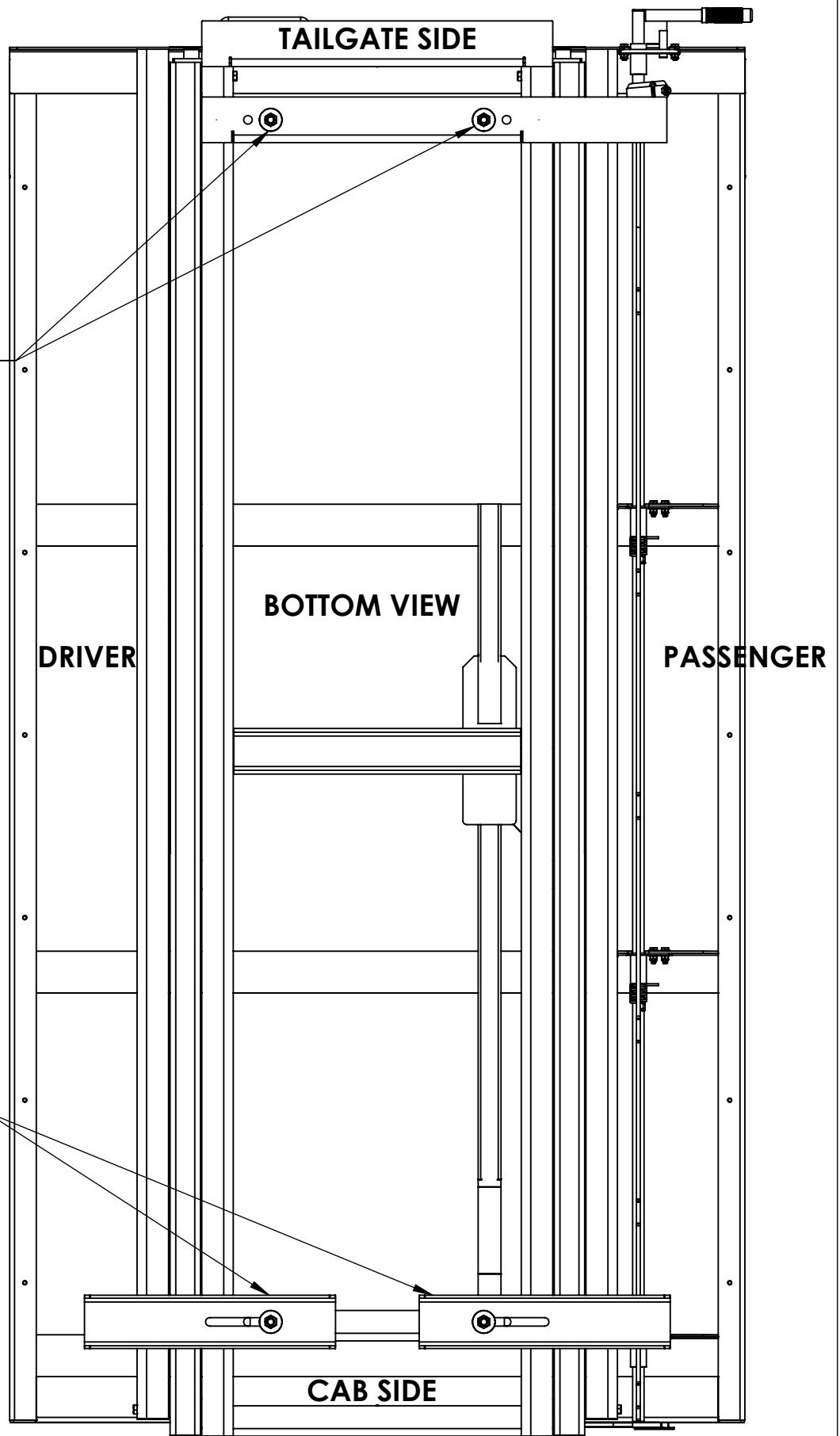
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WASHERS WILL BE
POSITIONED
UNDERNEATH THE
TRUCK BOX, FLUSH
AGAINST THE
VEHICLE SHEET
METAL

ANCHOR PLATES
WILL BE POSITIONED
TO BEST FIT YOUR
PARTICULAR
VEHICLE. CONTACT
AS MANY PLEATS
AS POSSIBLE
UNDERNEATH THE
TRUCK BOX

HORIZONTAL TO
SLIGHT DIAGONAL
ORIENTATION
RECOMMENDED

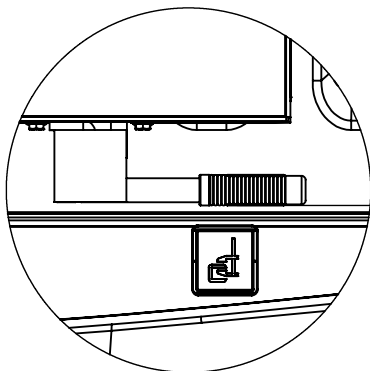
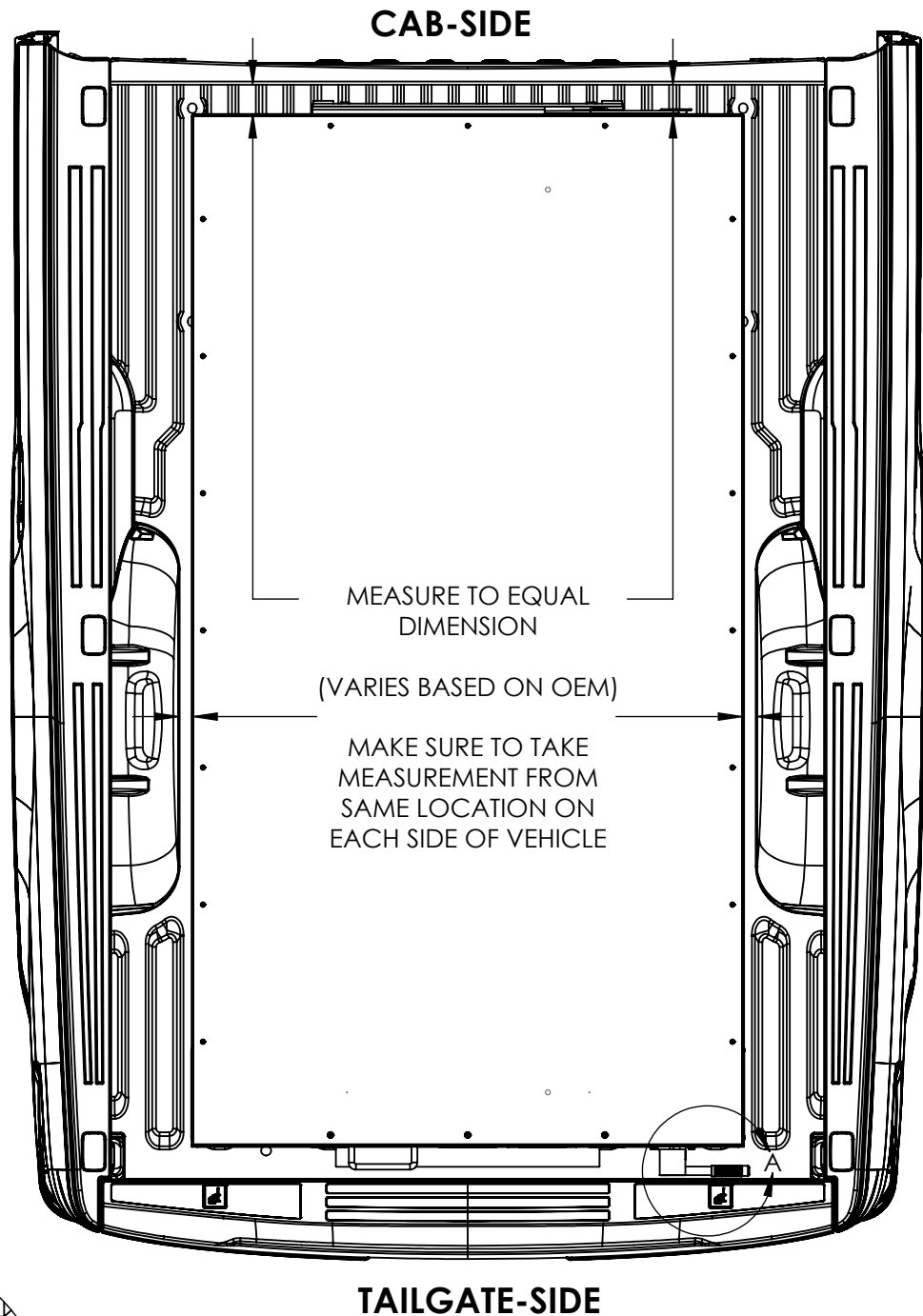


STEP 2 - POSITION EXTENDEBED

Step 2.1
ASSURE
EXTENDEBED IS
IN THE FULLY
CLOSED AND
LOCKED
POSITION PRIOR
TO LIFTING TO
AVOID
MOVEMENT AND
POTENTIAL
INJURY

Step 2.2
LIFT EXTENDEBED
INTO VEHICLE
USING PROPERLY
RATED LIFT

Step 2.3
CENTER UNIT
BETWEEN WHEEL
WELLS WITH
HANDLE .25" to
.75" FROM
TAILGATE
(WHEN
TAILGATE IS
CLOSED)



DETAIL A
SCALE 1 : 6

.25" TO .75"
BETWEEN HANDLE
AND TAILGATE

STEP 3 - MARK & DRILL FRONT OF PICKUP BED

Step 3.1
CAREFULLY
EXTEND UNIT TO
EXPOSE
MOUNTING
HOLES CLOSEST
TO CAB,
ASSURING NO
MOVEMENT OF
FRAME



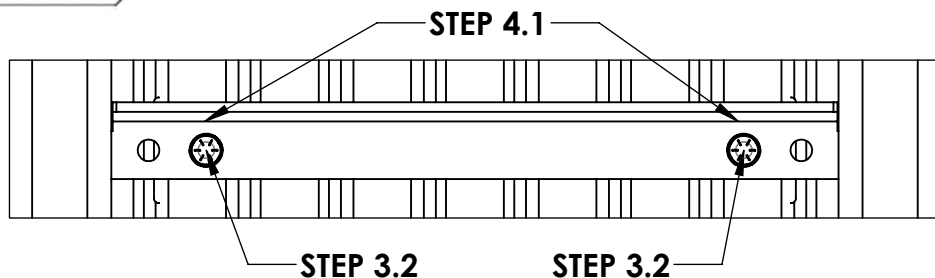
USE GREAT CARE WHEN DRILLING TO
AVOID DAMAGE TO FUEL TANK, FUEL
LINE, HEAT SHIELD, AND ALL OTHER
COMPONENTS.

Step 3.2
MARK AND DRILL
HOLES FOR 1/2"
BOLT

USE DRILL STOP

AT 1/2"

1/4" PILOT DRILL BIT
1/2" DRILL BIT



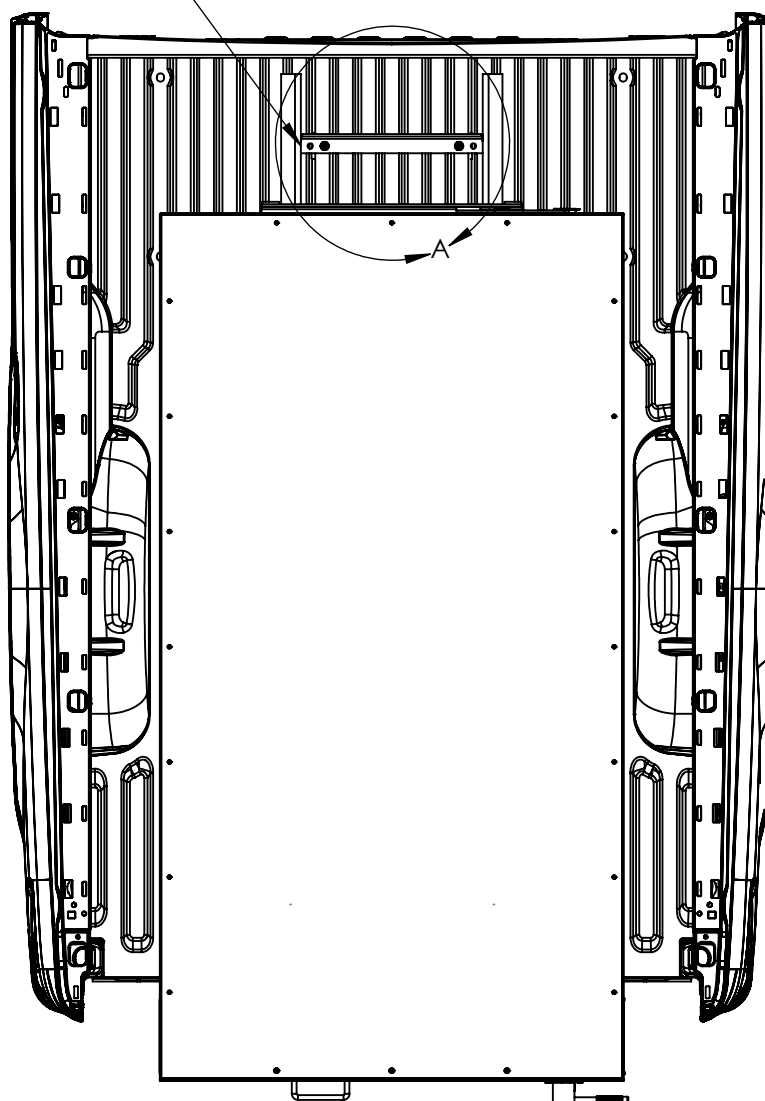
STEP 4 - INSTALL MOUNTING
BOLTS

Step 4.1

FULLY TIGHTEN TO 75FT-LBS

1/2-13X2" BOLT, HH,
ANCHOR PLATE HAS A SLOT. YOU
WILL NEED AN ASSISTANT UNDER
THE VEHICLE TO HELP POSITION
PLATES, WASHERS, AND NUTS.
INSTALLING (02 PLACES)
3/4" SOCKET

STEP 3.1



STEP 4.1

1/2-13 x 2 SCREW

SPLIT WASHER

ANCHOR FRAME
(CAB)

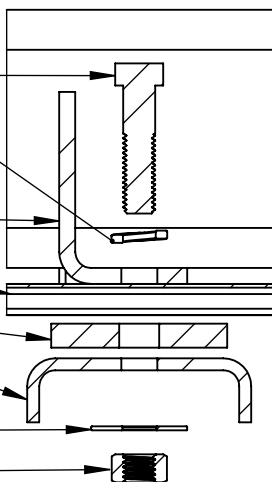
TRUCK BED

PLEAT SPACER

ANCHOR PLATE

FLAT WASHER

NUT



STEP 5 - MARK & DRILL REAR OF PICKUP BED

Step 5.1
LOCATE
TAILGATE-SIDE
ANCHOR FRAME
BOLT HOLES



**USE GREAT CARE WHEN DRILLING TO
AVOID DAMAGE TO FUEL TANK, FUEL
LINES, HEAT SHIELD, AND ALL OTHER
COMPONENTS.**

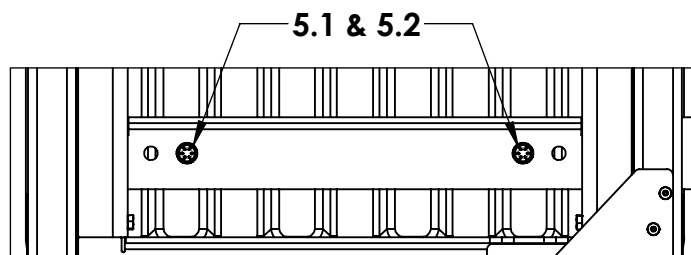
Step 5.2
MARK AND DRILL
HOLES FOR 1/2"
BOLT

USE DRILL STOP

AT 1/2"

1/4" PILOT DRILL BIT

1/2" DRILL BIT

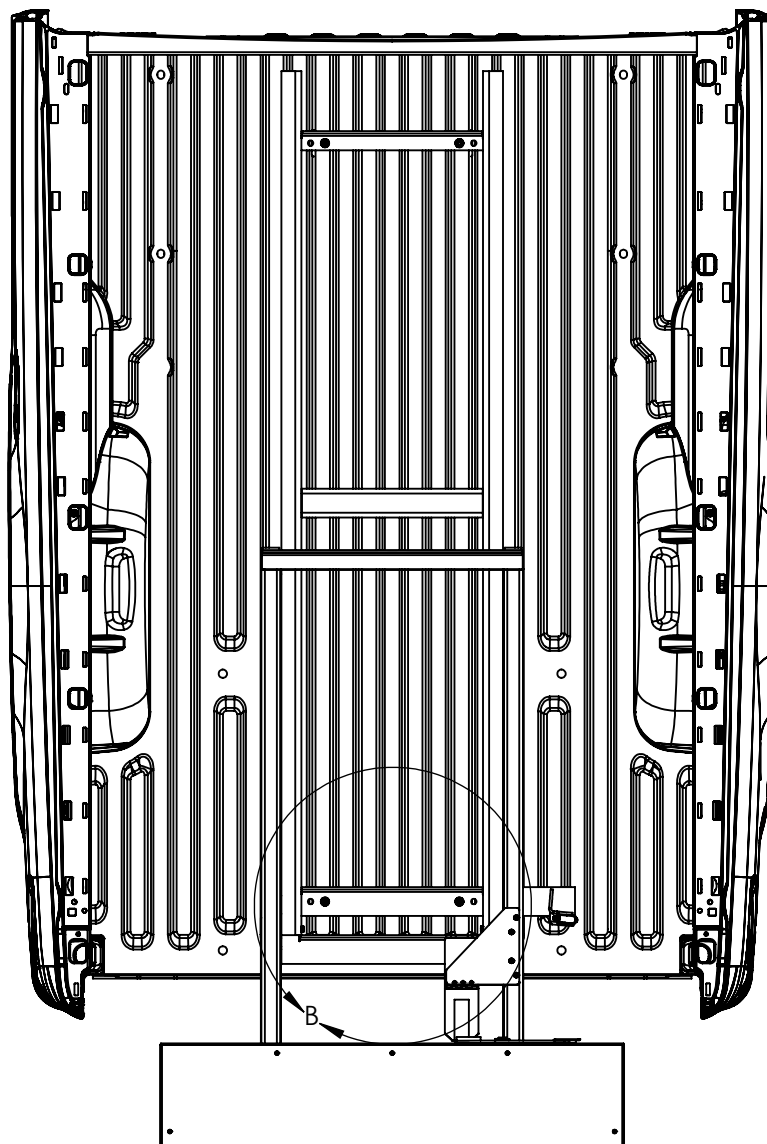


**STEP 6 - INSTALL MOUNTING
BOLTS**

Step 6.1
FULLY TIGHTEN TO 50FT-LBS
1/2-13X2" BOLT, HH,
1/2" SPLIT LOCK WASHER
SHIM/STIFFENER

UNDER TRUCK:
1/2" FLAT WASHER
1/2" HEX NUT

(02 PLACES)
3/4" SOCKET
3/4" WRENCH



STEP 6.1

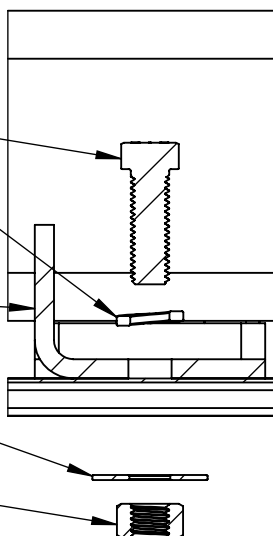
1/2-13 x 1.5 SCREW

SPLIT WASHER

ANCHOR FRAME
(TAILGATE)

FLAT WASHER

NUT



MAKE SURE ALL FASTENERS ARE TIGHTENED!!! INSTALLATION IS COMPLETE