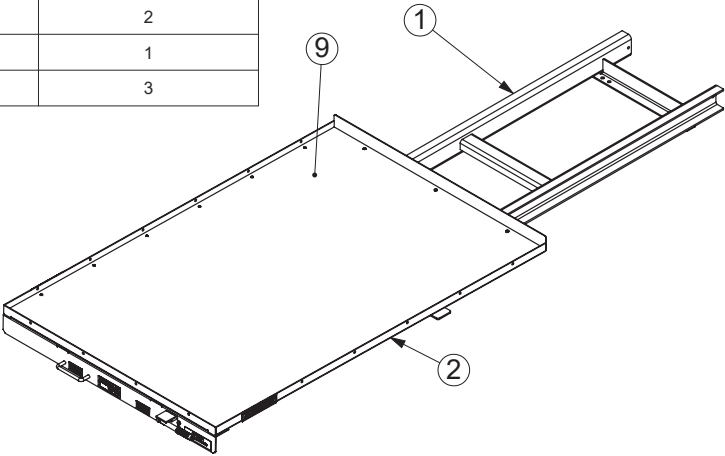
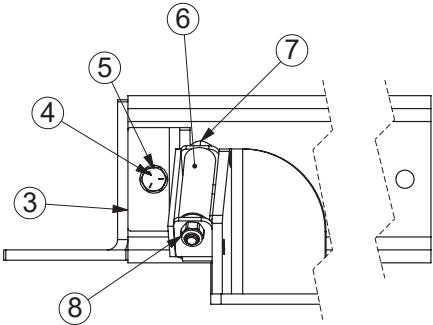
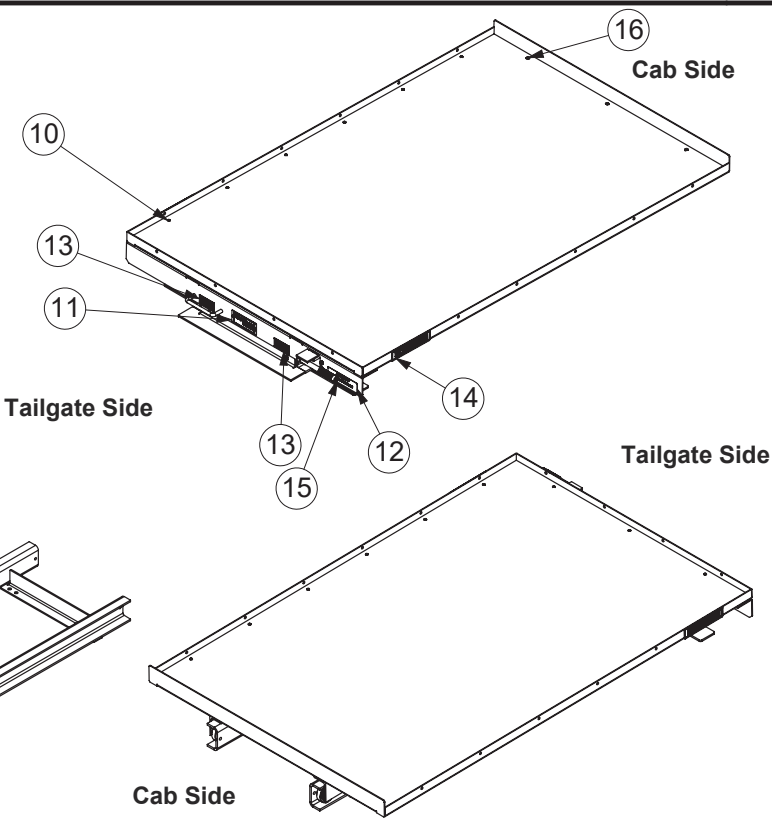


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ANCHOR-017	EB1575-70 ANCHOR FRAME	1
2	CARGO-018	EB1590-70 CARGO FRAME	1
3	STOP-011	6209-2RS BEARING STOP	2
4	SCREW-007	3/8-16 x 1" HHCS GR5	2
5	LWASH-001	3/8 Split Lock Washer	2
6	BUSH-01	18-8 Stainless Steel .75OD x 5/16ID x 2.5 BUSHING	1
7	SCREW-008	5/16-18 x 3.25 HHCS GR5	1
8	HEXNUT-006	5/16-18 NYLOCK NUT	1
9	DECK-003	.5" X 48" X 90" DECKING	1
10	RIVET-001	.25 DIA X .625-.75 STAINLESS POP RIVETS	15
11	KIT-001	I.D. TAG / RIVETS	1
12	IDTAG-004	EXTENDEBED OPERATION TAG	1
13	IDTAG-003	EXTENDEBED CAUTION TAG	2
14	IDTAG-002	EXTENDEBED BRANDING TAG	2
15	HAND-002	Lock Rod Handle	1
16	RIVET-004	.25" DIA, .876"-1" GRIP	3



EB1575-70 (2 Stage) - 6.75' Truck Box Layout

- 1500lbs Capacity
- Anchor and Cargo Frame Only
- ~70% Extension
- ~300lbs Assembly Weight
- 48"x 75" inside-inside platform area
- 1.75" Angle Perimeter (Cargo Platform Perimeter)

THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED		
ALL BEND ANGLES ARE 90 DEGREES		
ALL DIMENSIONS ARE IN INCHES.		
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION		
FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .050	0.0 = ± .050	0° = ± 1°
0.00 = ± .010	0.00 = ± .005	0.0° = ± 0.5°
0.000 = ± .001	0.000 = ± .001	
Material Thickness: per ASTM Std.		
Weld Callouts per AWS		

RELEASE & REVISIONS

INITIAL ECN:	
CURRENT ECN:	
ECN DESCRIPTION:	
REVISED BY: A.MOHN	

MATERIAL & FINISH

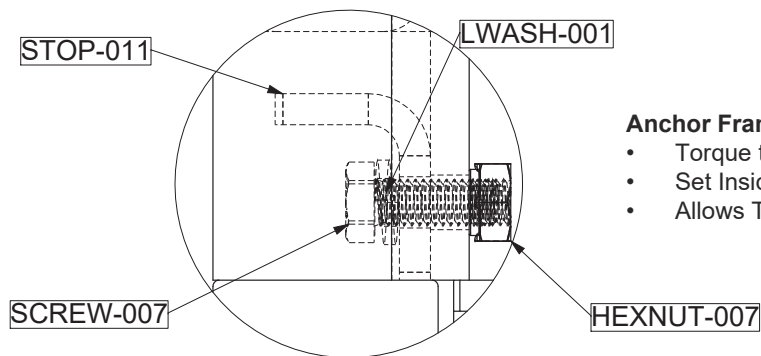
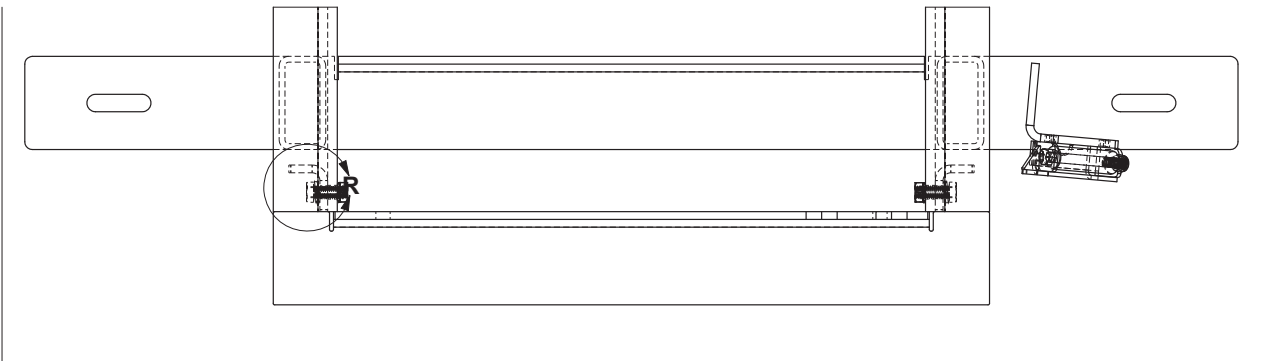
MECHANICAL FINISHING:	
PRIMER:	
FINAL FINISH:	
MATERIAL TYPE:	

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 5

PART / PRODUCT IDENTIFICATION

		4242 S Eagleson Road Boise, Idaho 83705	REVISION LEVEL A
MAT'L USED:		DESIGNED BY: A.MOHN	
DESCRIPTION: EB1575-70 2st TOP-LEVEL ASSEMBLY			
WEIGHT (Lbs.): 360	SEGMENT CODE:	PART NUMBER: EB1575-70	



DETAIL R
SCALE 1 : 1

- Anchor Frame Bearing Stop Layout**
- Torque till Lock Washer is Flattened
 - Set Inside Anchor-Frame C-channel
 - Allows Tool Access from Exterior of Channel

THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

MATERIAL & FINISH

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 2 of 5

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED
ALL BEND ANGLES ARE 90 DEGREES
ALL DIMENSIONS ARE IN INCHES.
REFERENCE DIMENSIONS (X.XXX)
DO NOT REQUIRE INSPECTION

FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .050	0.0 = ± .050	0° = ± 1°
0.00 = ± .010	0.00 = ± .005	0.0° = ± 0.5°
0.000 = ± .001	0.000 = ± .001	

Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN:

CURRENT ECN:

ECN DESCRIPTION:

REVISED BY: **A.MOHN**

MECHANICAL FINISHING:

PRIMER:

FINAL FINISH:

MATERIAL TYPE:

PART / PRODUCT IDENTIFICATION



4242 S Eagleson Road
Boise, Idaho 83705

REVISION LEVEL

A

MAT'L USED:

DESIGNED BY: **A.MOHN**

DESCRIPTION:

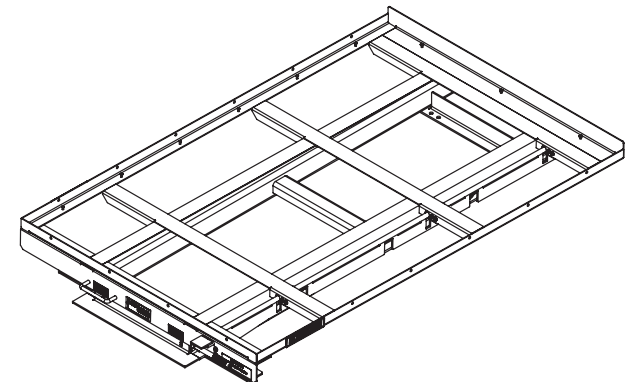
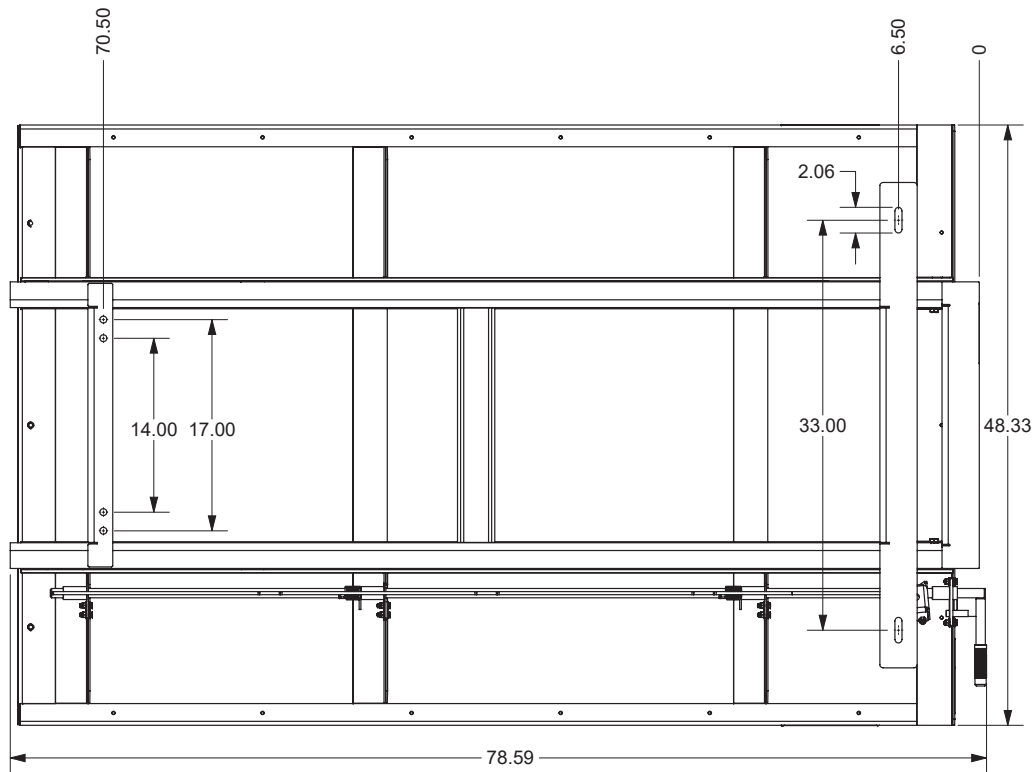
EB1575-70 2st TOP-LEVEL ASSEMBLY

WEIGHT
(Lbs.):

SEGMENT
CODE:

PART NUMBER:

EB1575-70



DECK HIDDEN FOR CLARITY

THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED		
ALL BEND ANGLES ARE 90 DEGREES		
ALL DIMENSIONS ARE IN INCHES.		
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION		
FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .050	0.0 = ± .050	0° = ± 1°
0.00 = ± .010	0.00 = ± .005	0.0° = ± 0.5°
0.000 = ± .001	0.000 = ± .001	
Material Thickness: per ASTM Std.		
Weld Callouts per AWS		

RELEASE & REVISIONS

INITIAL ECN:
CURRENT ECN:
ECN DESCRIPTION:
REVISED BY:

MATERIAL & FINISH

MECHANICAL FINISHING:
PRIMER:
FINAL FINISH:
MATERIAL TYPE:

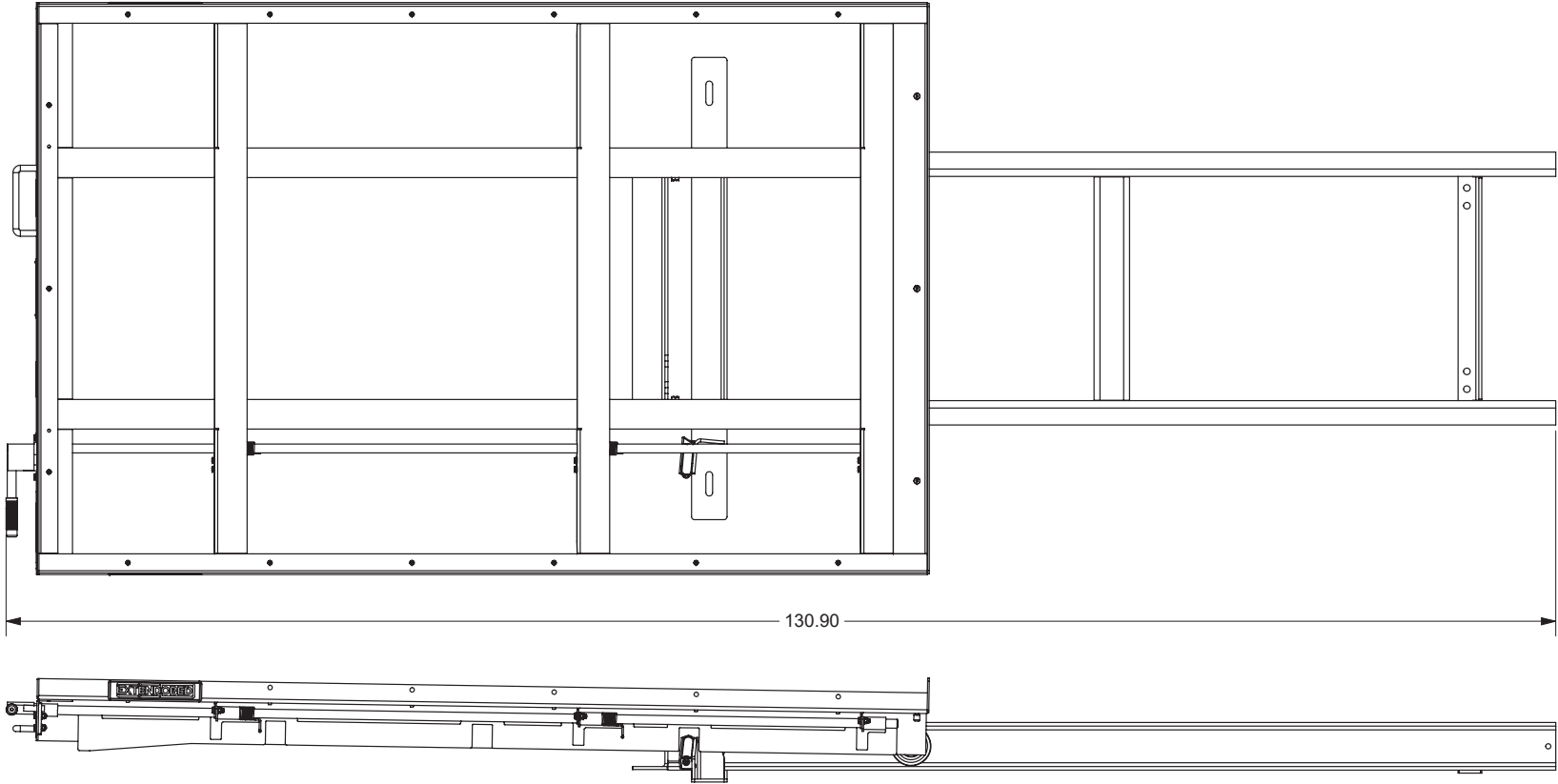
PRINTED DOCUMENT IS UNCONTROLLED

Sheet 3 of 5

PART / PRODUCT IDENTIFICATION

		4242 S Eagleson Road Boise, Idaho 83705	REVISION LEVEL A
MAT'L USED:		DESIGNED BY: A.MOHN	
DESCRIPTION: EB1575-70 2st MOUNTING LOCATION / OVERALL SIZE			
WEIGHT (Lbs.):	SEGMENT CODE:	PART NUMBER: EB1575-70	

DECK HIDDEN FOR CLARITY



THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED
ALL BEND ANGLES ARE 90 DEGREES
ALL DIMENSIONS ARE IN INCHES.
REFERENCE DIMENSIONS (X.XXX)
DO NOT REQUIRE INSPECTION

FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .050	0.0 = ± .050	0° = ± 1°
0.00 = ± .010	0.00 = ± .005	0.0° = ± 0.5°
0.000 = ± .001	0.000 = ± .001	

Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN:
CURRENT ECN:
ECN DESCRIPTION:

REVISED BY: **A.MOHN**

MATERIAL & FINISH

MECHANICAL FINISHING:
PRIMER:
FINAL FINISH:
MATERIAL TYPE:

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 4 of 5

PART / PRODUCT IDENTIFICATION



4242 S Eagleson Road
Boise, Idaho 83705

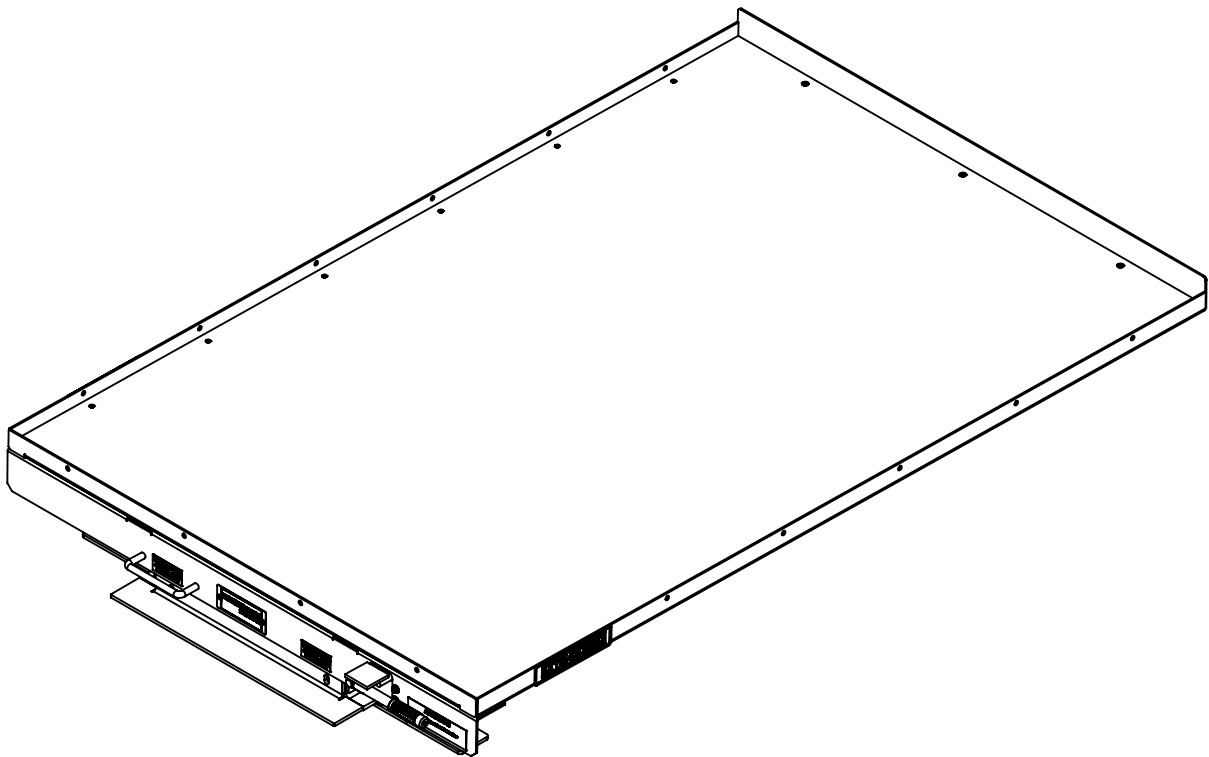
REVISION LEVEL
A

MAT'L USED: DESIGNED BY: **A.MOHN**

DESCRIPTION: **EB1575-70 2st TOP-LEVEL ASSEMBLY - EXTENDED**

WEIGHT (Lbs.): SEGMENT CODE: PART NUMBER: **EB1575-70**

INSTR. : INS79570 NUMBER	PG: 1	REV: A
PART : EB1575-70 NUMBER		
PART • INSTALL INSTRUCTIONS, DESC. • EXTENDEBED 1500LB 48WX90L		



- 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

Applicable Vehicle

F250/350 6.75' SRW
 GM2500/3500 6.75' SRW

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.

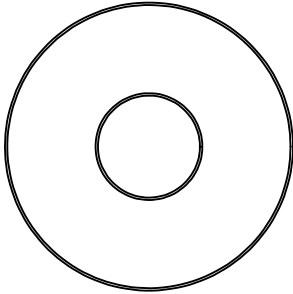
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

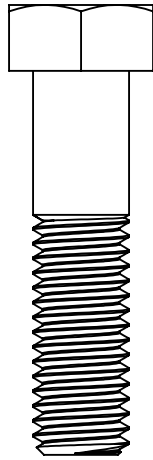
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

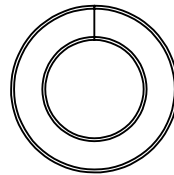
BAG REFERENCE:



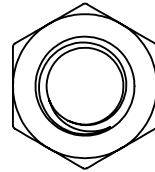
WASHER, FLAT
1/2X1.5
QTY: 6



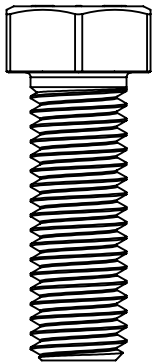
BOLT, HH
1/2-13X2.00"
QTY: 2



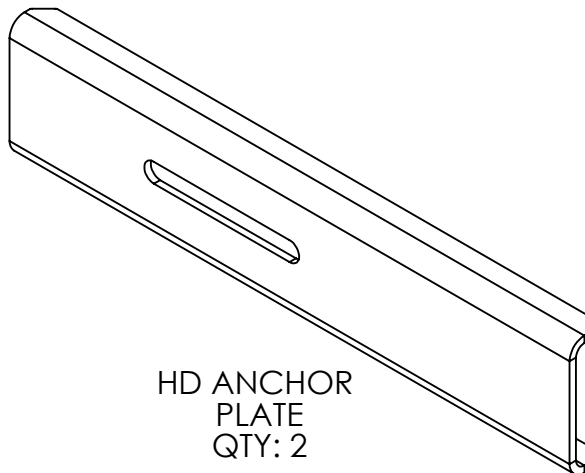
WASHER, LCK SPLIT 1/2
QTY: 4



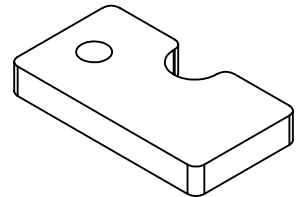
NUT, HEX 1/2-13
QTY: 4



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



HD ANCHOR
PLATE
QTY: 2



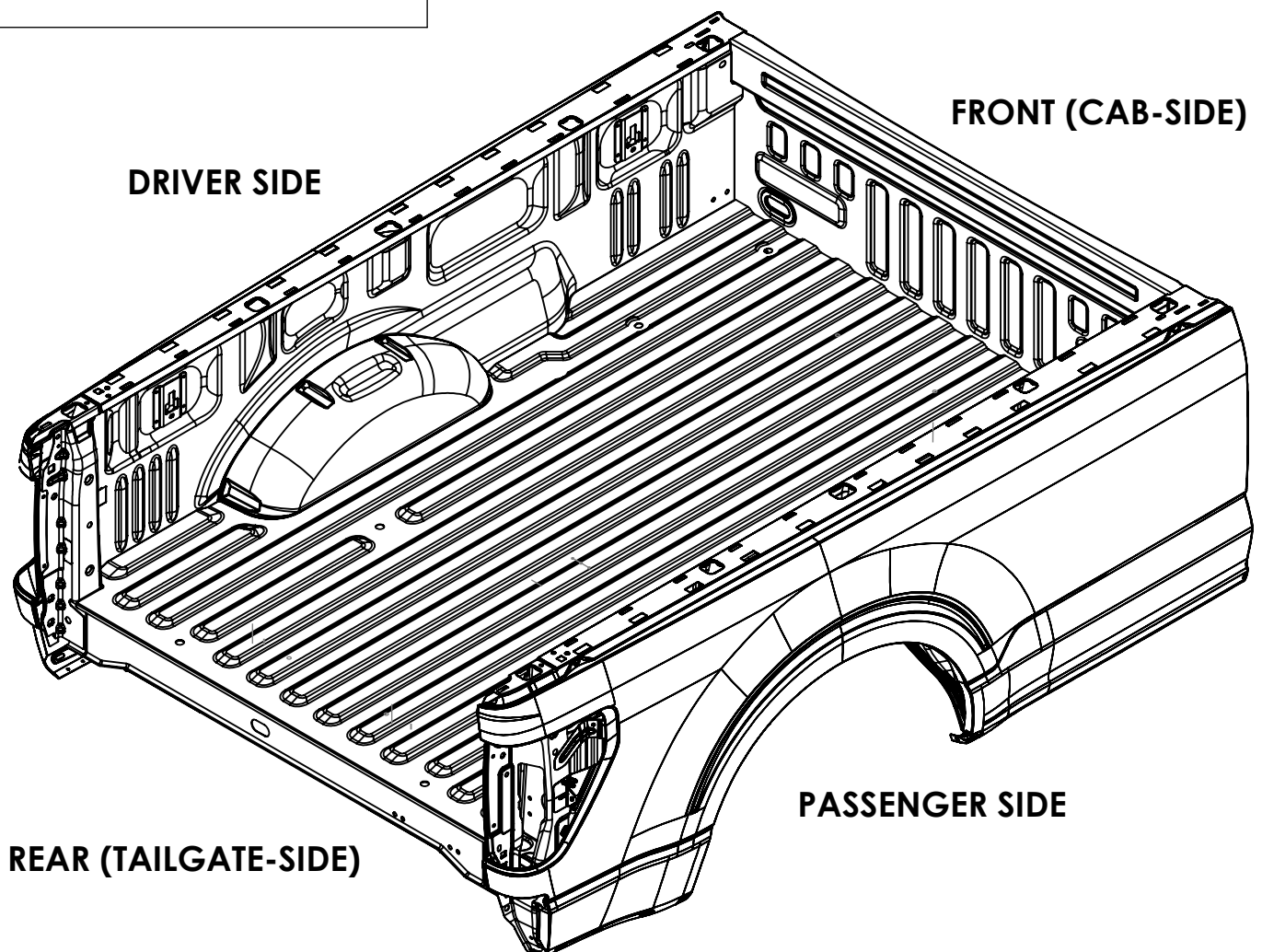
PLEAT SPACER
QTY: 2

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...

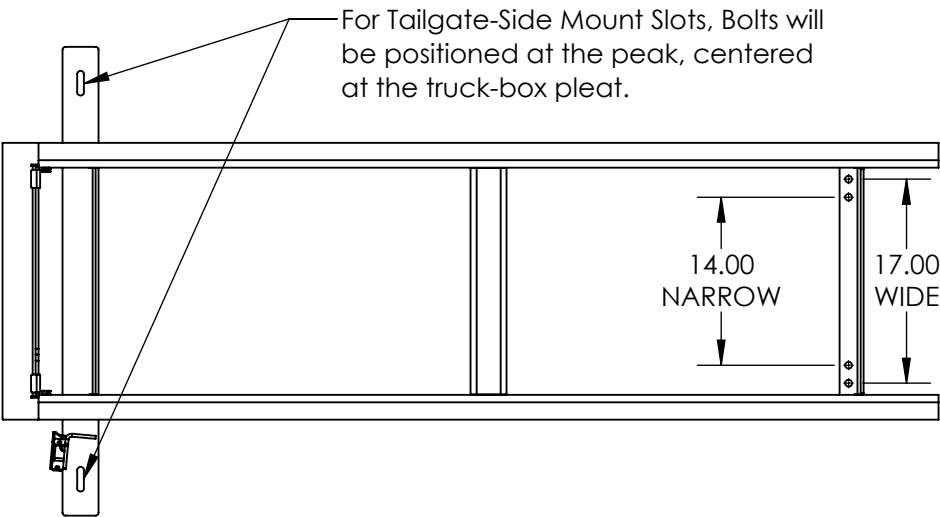
PAGE:
6

***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)**

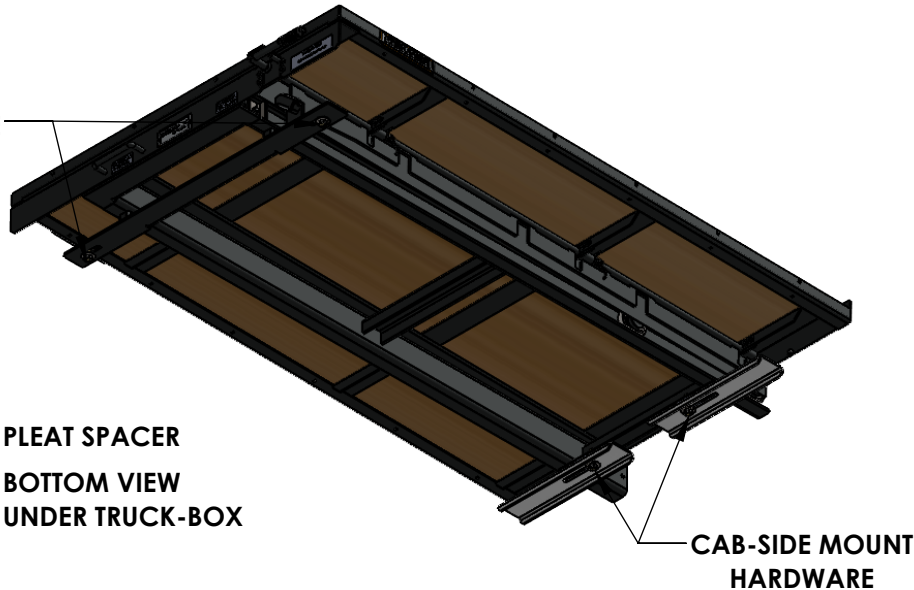
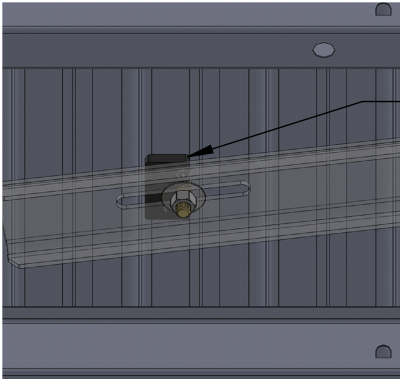
***PLEAT SPACERS WILL EITHER GO UNDER THE BED AT THE CAB-SIDE OF THE ASSEMBLY. THESE SPACERS ARE DESIGNED TO FILL THE VOID BETWEEN BED-FLOOR PLEATS. **TIGHTENING CAB-SIDE BOLTS WITHOUT PLEAT SPACERS MAY CAUSE DAMAGE TO VEHICLE.** (SEE STEP 4)**

***AT THE ANCHOR FRAME, THERE ARE TWO SETS OF BOLT HOLES AVAILABLE AT THE CAB 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
F250/350 6.75' SRW	NARROW
GM2500/3500 6.75' SRW	WIDE



TAILGATE-SIDE
MOUNT HARDWARE



PLEAT SPACER
BOTTOM VIEW
UNDER TRUCK-BOX

THINGS TO CONSIDER...

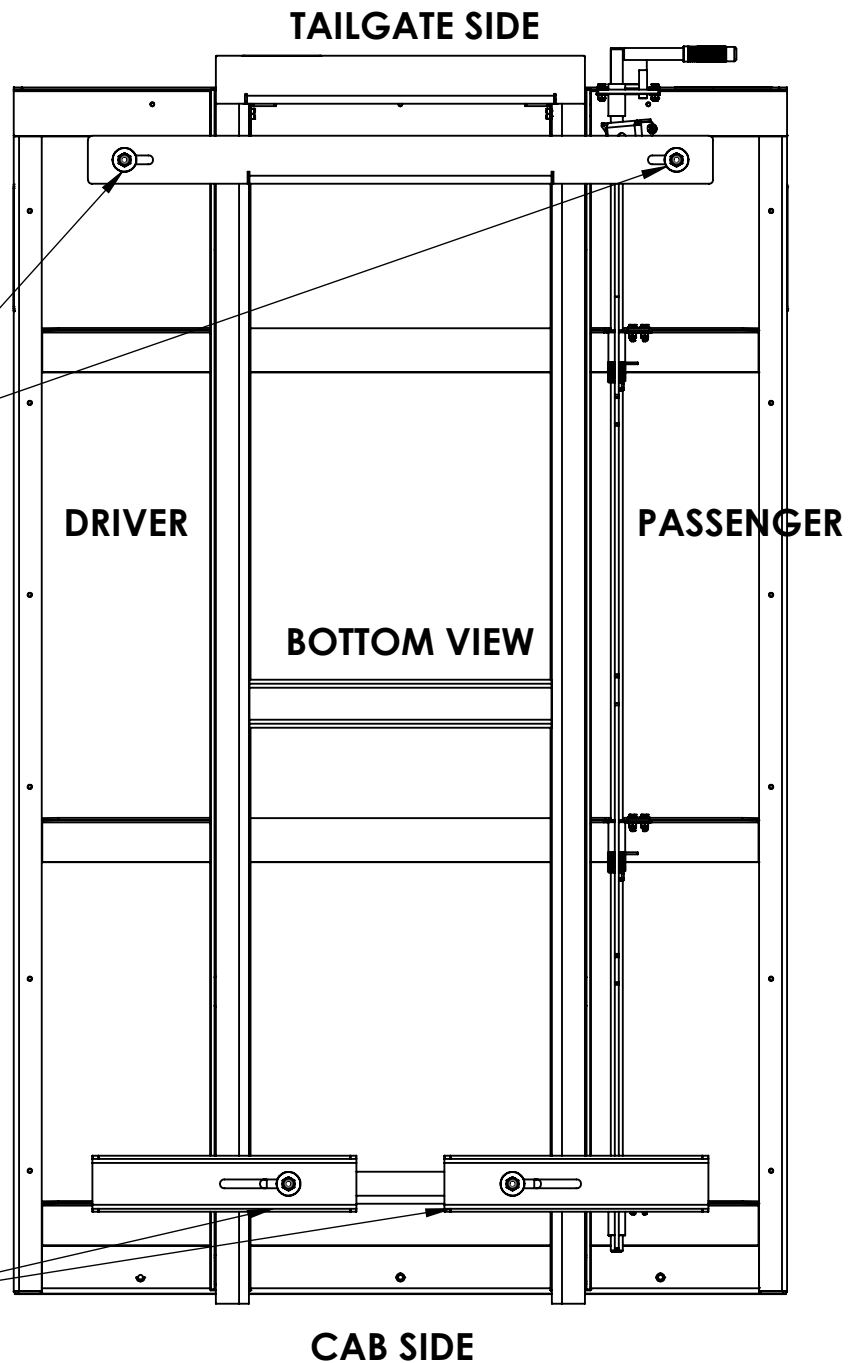
PAGE:

7

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

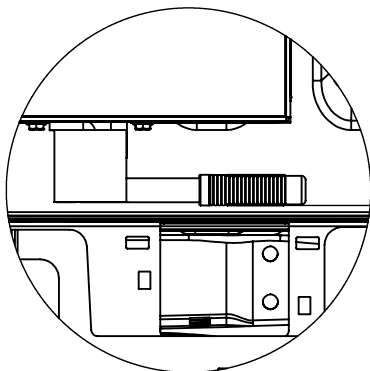
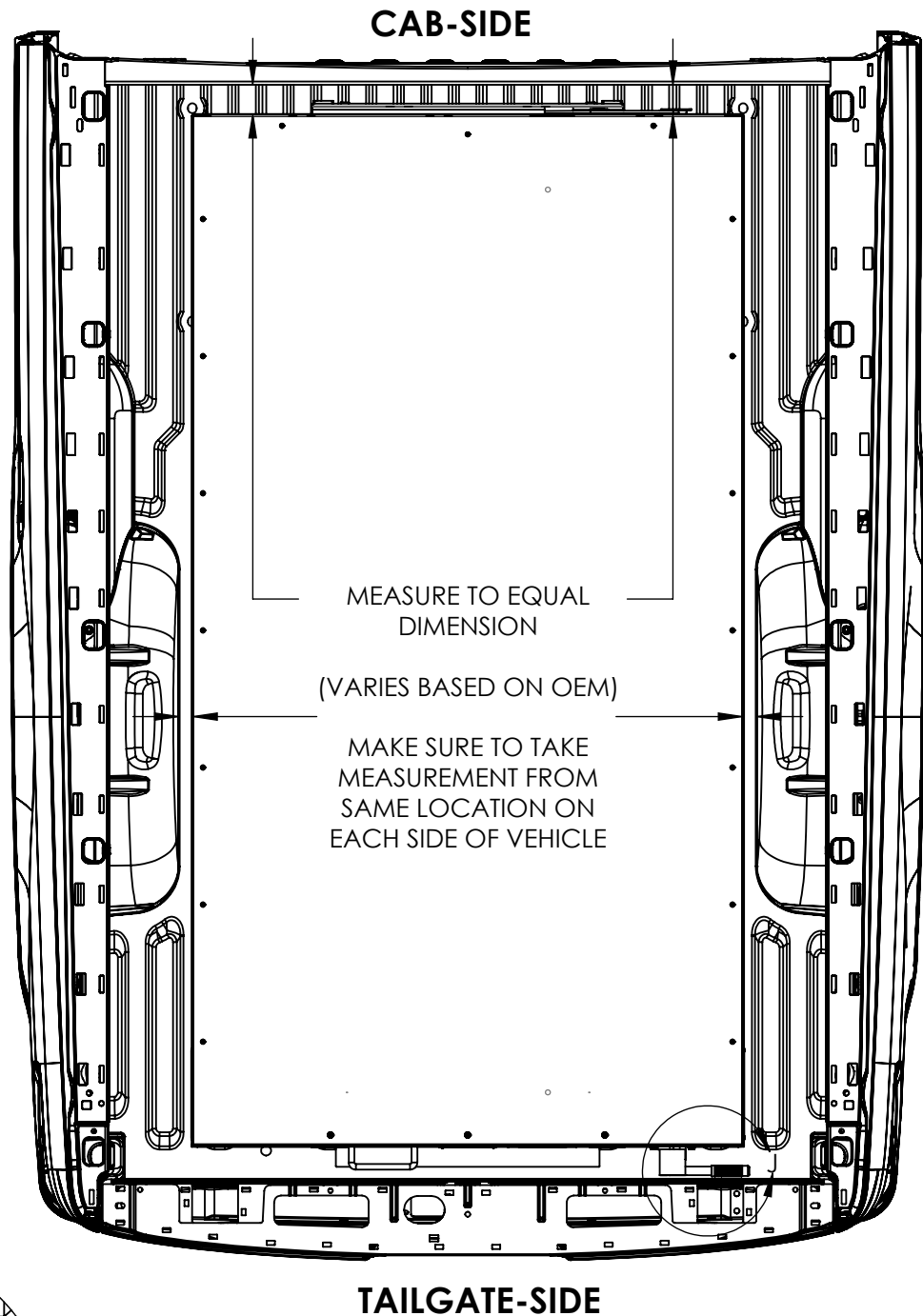


STEP 2 - POSITION EXTENDEBED

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 J
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



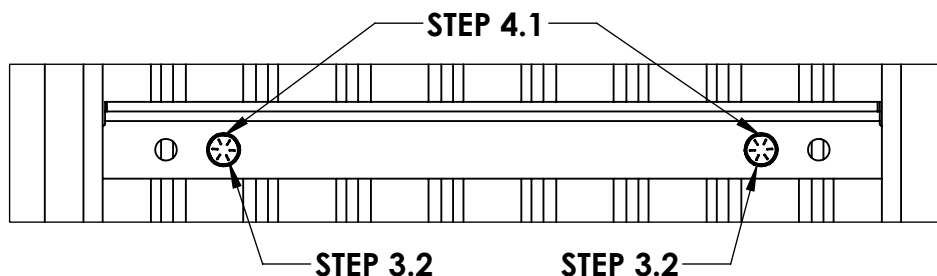
- **USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**
- **DO NOT OVER-EXTEND THE UNIT WHEN ACCESSING THE CAB-SIDE MOUNT POINTS.**

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

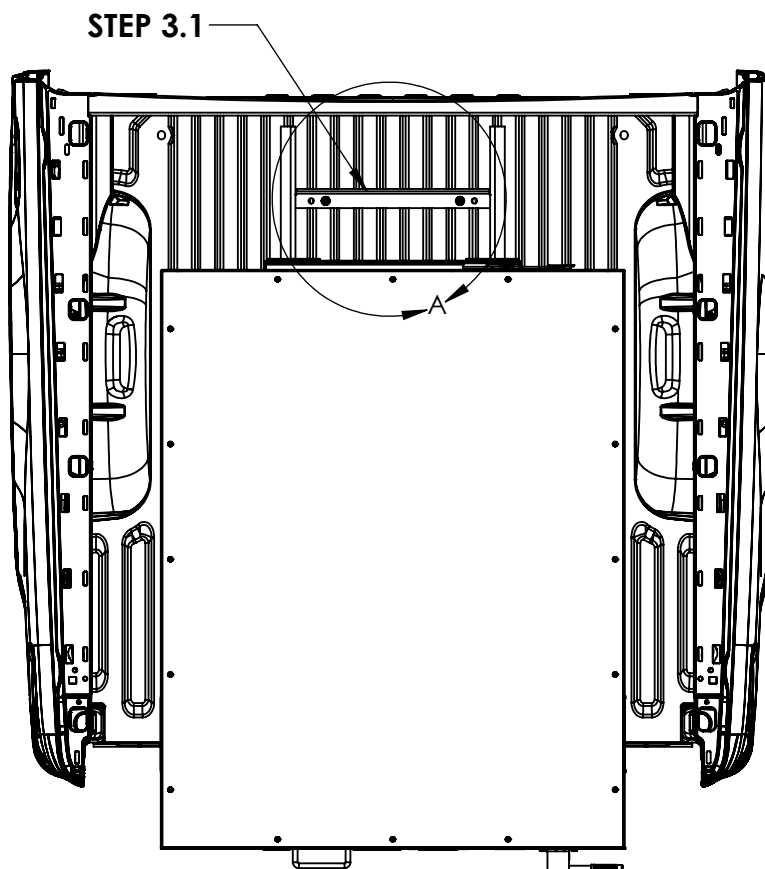


STEP 4 - INSTALL MOUNTING BOLTS

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 4.1

1/2-13 x 2 SCREW

SPLIT WASHER

ANCHOR FRAME
(CAB)

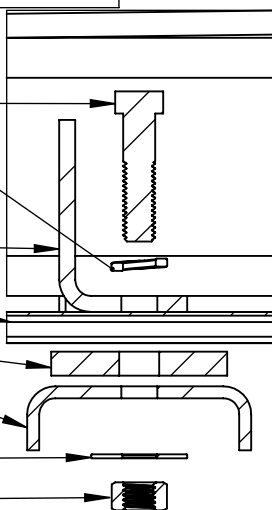
TRUCK BED

PLEAT SPACER

ANCHOR PLATE

FLAT WASHER

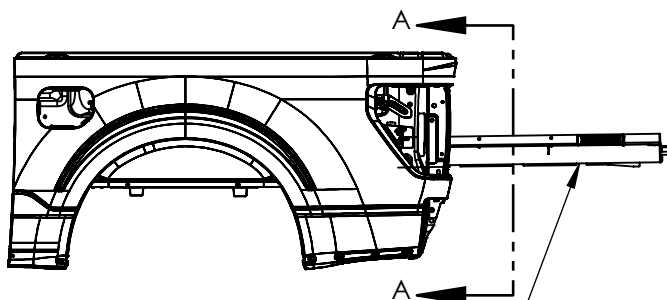
NUT



STEP 5 - EXPOSE TAILGATE-SIDE ANCHOR FRAME BOLT-HOLE LOCATIONS

Step 5.1
EXTEND THE UNIT,
EXPOSING THE ANCHOR
FRAME BEARING STOPS

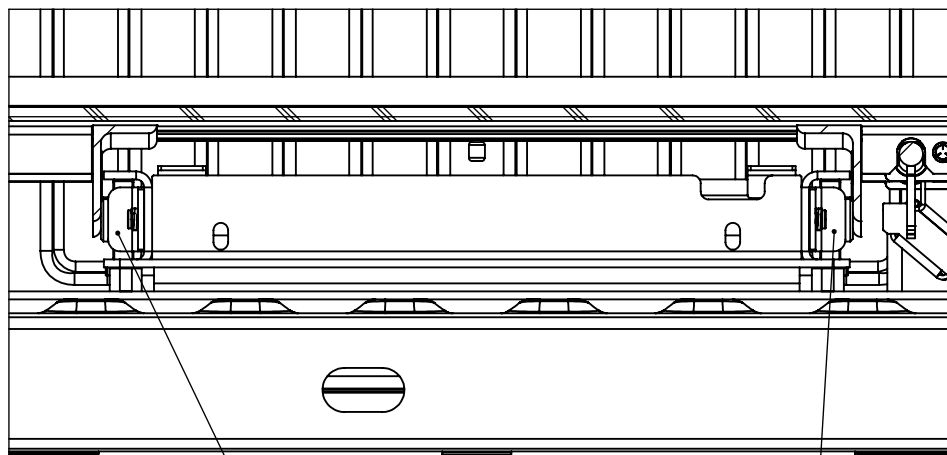
NOTE:
REMOVING THE REAR
TAILGATE MAY FACILITATE
EASIER ACCESS TO THE
BEARING STOPS



STEP 5.1 - Extend the unit (Tailgate Removal may be required to expose Bearing Stops)

STEP 5.2
REMOVE THE
ANCHOR FRAME
BEARING STOPS

SET THE HARDWARE
ASIDE FOR RE-
INSTALLATION



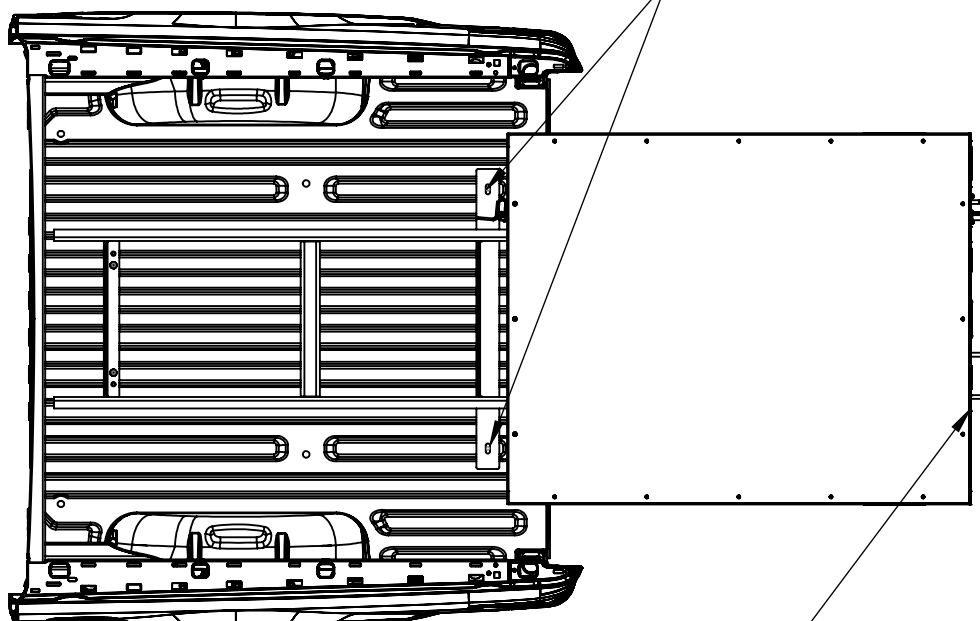
STEP 5.2 - remove bearing stops (red)
• Screws into captive weldnut

SECTION A-A
SCALE 1 : 6

STEP 5.3
WITH THE LOCK-ROD
IN ITS UNLOCKED
POSITION,
CAREFULLY OVER-
EXTEND THE UNIT,
EXPOSING THE
TAILGATE-SIDE
MOUNT POSITIONS

NOTE:
SUPPORT THE
HANDLE-END OF THE
CARGO FRAME
AND/OR REMOVE
THE CARGO FRAME
FROM THE ANCHOR
CHANNEL
COMPLETELY

STEP 5.3 - Expose Tailgate-Side Mount Positions



STEP 5.3 - Support Handle-End and/or remove cargo frame during tailgate mount-position access

STEP 6 - DRILL TAILGATE MOUNT HOLES AND SECURE MOUNT HARDWARE

STEP 6.1
LOCATE
TAILGATE-SIDE
ANCHOR FRAME
BOLT HOLES

STEP 6.2
MARK AND DRILL
HOLES FOR 1/2"
BOLT.

BOLT HOLE SHOULD
BE DRILLED AT
CENTER OF TRUCK
PLEAT PEAK.

USE DRILL STOP

AT 1/2"

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

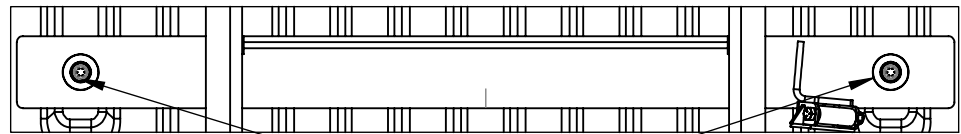
STEP 6.3
FULLY TIGHTEN TO 50FT-LBS
1/2-13 X 1.5" BOLT
1/2" SPLIT LOCK WASHER
1/2" FLAT WASHER

UNDER TRUCK:
1/2" FLAT WASHER
1/2-13 HEX NUT

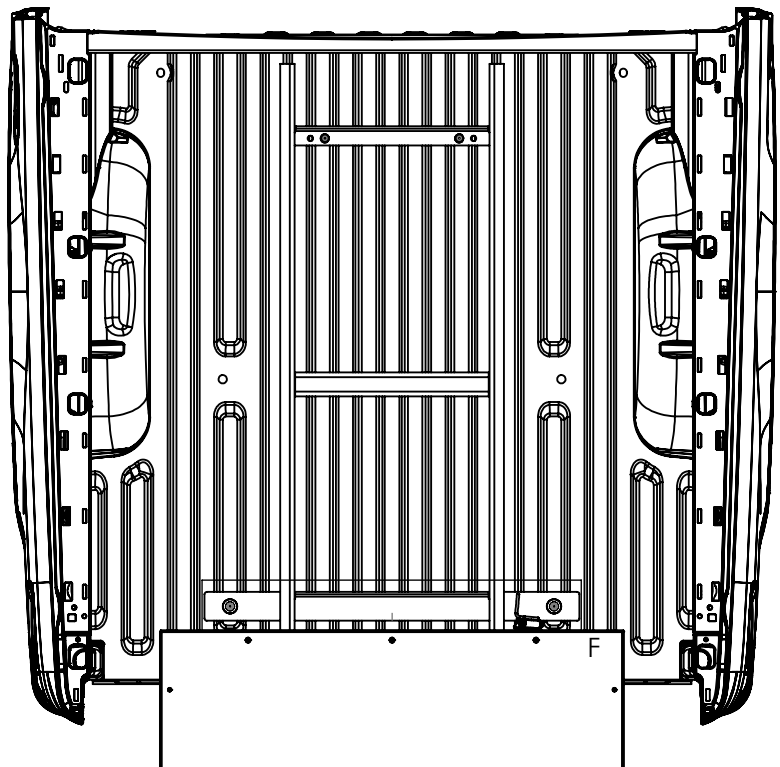
(02 PLACES)
3/4" SOCKET
3/4" WRENCH



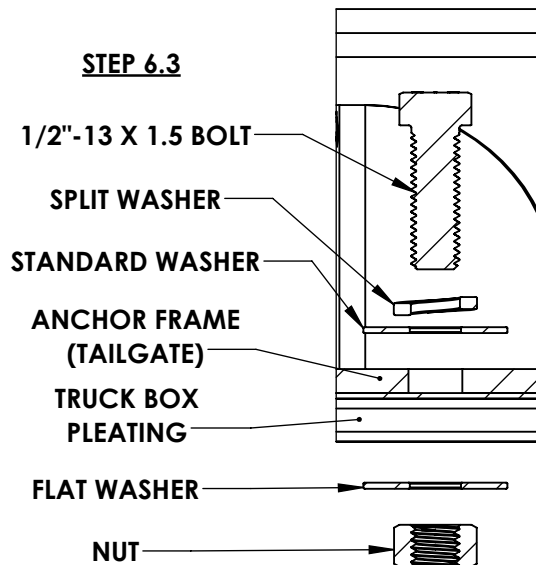
USE GREAT CARE WHEN DRILLING TO
AVOID DAMAGE TO FUEL TANK, FUEL
LINES, HEAT SHIELD, AND ALL OTHER
COMPONENTS.



6.1 & 6.2



STEP 6.3



STEP 7 - RE-SEAT ANCHOR FRAME AND RE-INSTALL BEARING STOPS**Step 7.1**

WITH THE LOCK-ROD IN ITS UNLOCKED POSITION, RE-SEAT THE CARGO FRAME BACK INTO THE ANCHOR FRAME CHANNEL

ENSURE THE CAB-SIDE BEARINGS ARE POSITIONED BEHIND THE BEARING STOP BOLT-HOLE LOCATION

STEP 7.2

RE-INSTALL THE THE BEARING STOPS ONTO THE ANCHOR FRAME

ENSURE THE BEARING STOP BOLTS FULLY COMPRESS THE LOCK-WASHER

STEP 7.3

FULLY RETRACT THE CARGO FRAME ALONG THE ANCHOR FRAME, ENSURING THE FRAME AND DECK LOCKS IN ITS FULLY CLOSED POSITION

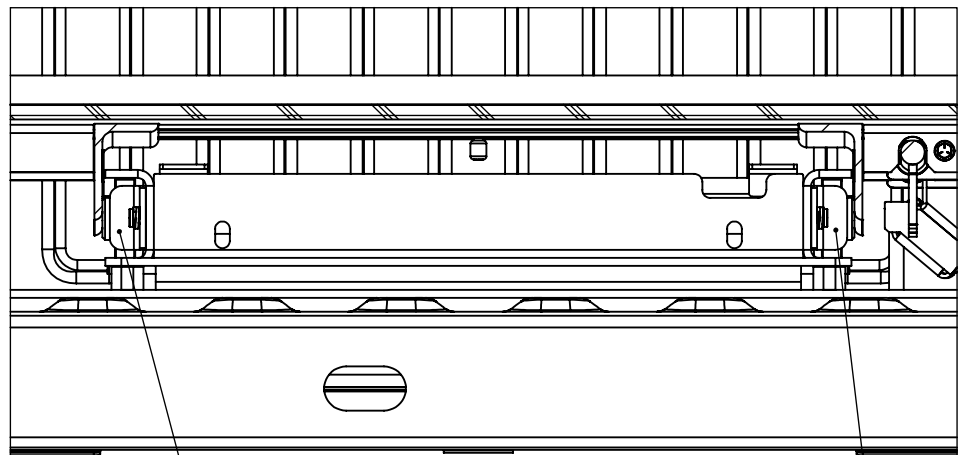
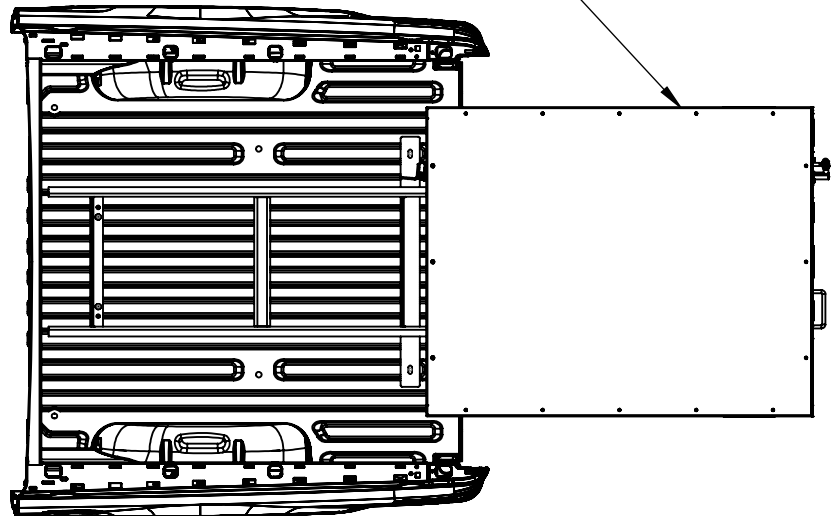
NOTE:
THE TRUCK BOX TAILGATE MAY NEED TO BE RE-INSTALLED AT THIS TIME

STEP 7.4

ENSURE ALL HARDWARE IS FULLY SECURED/TIGHTENED

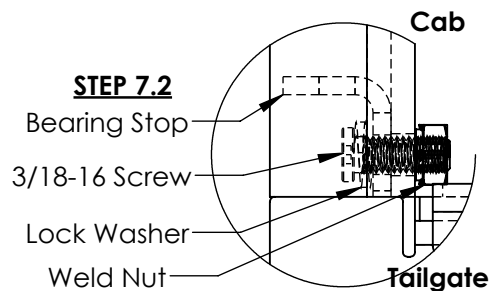
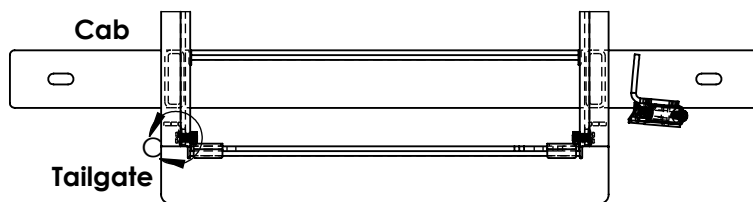
THE INSTALLATION IS NOW COMPLETE

STEP 7.1 - Re-seat cargo frame, retract past bearing stop position



STEP 7.2 - Install bearing stops (red)

- Screws into captive weldnut
- Ensure Lock-Washer is fully compressed



DETAIL C
SCALE 1 : 2