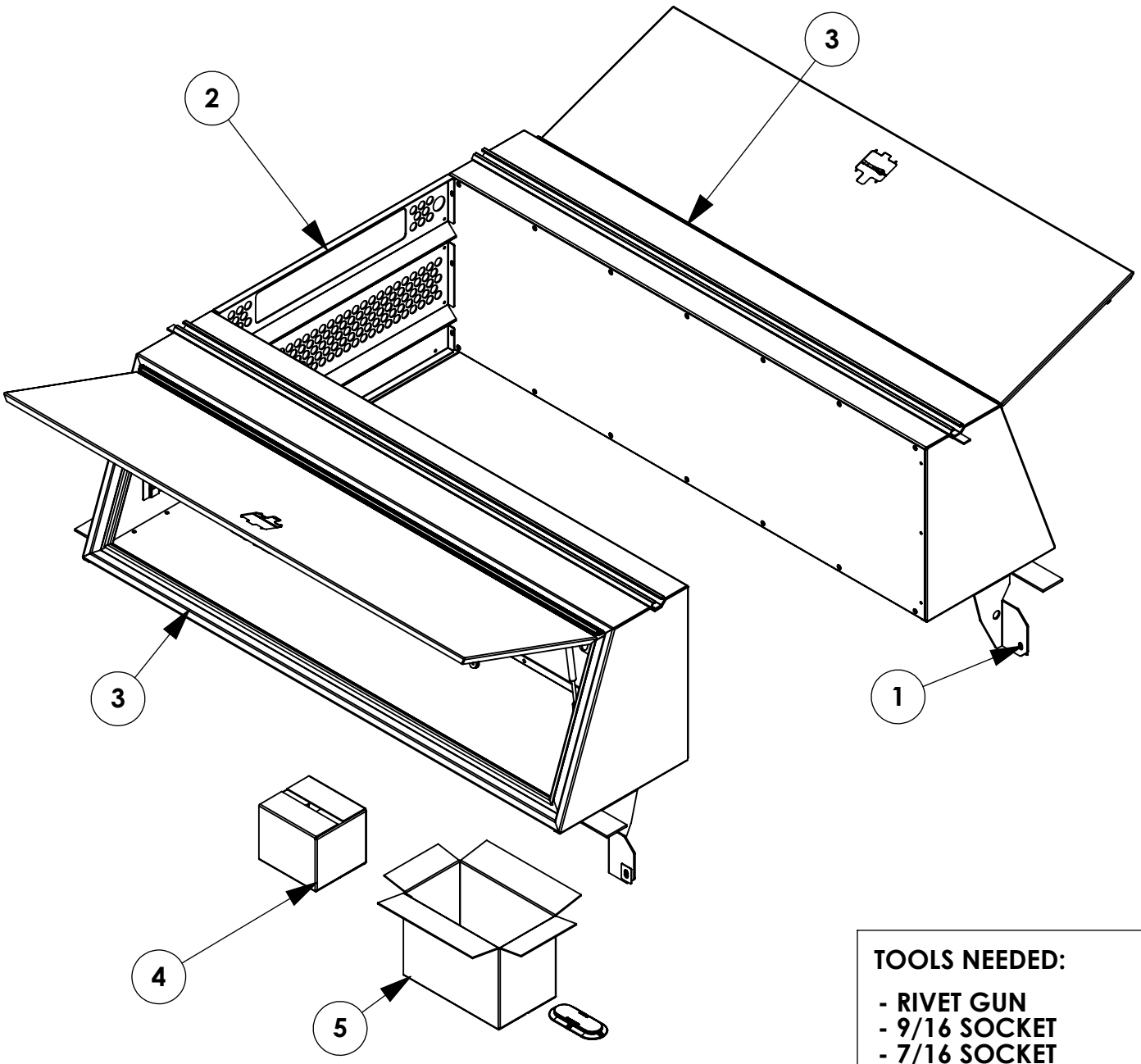
INSTR. NUMBER : 81821	PG: 1	REV: B
PART NUMBER : **TSBX-6F1M**		
PART DESC. : TSBX KIT, F150 6' BED M		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6F1	TSBX FORD F-150 6' CAB GUARD/BED BRKT KIT	1
2	TS-CG1	TSBX, CAB GUARD KIT, 1	1
3	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
4	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
5	81248	CHMSL KIT TSBX	1

NOTE:
REFER TO 83171 INSTALL INSTRUCTION FOR KITS WITHOUT CAB GUARD



TOOLS NEEDED:

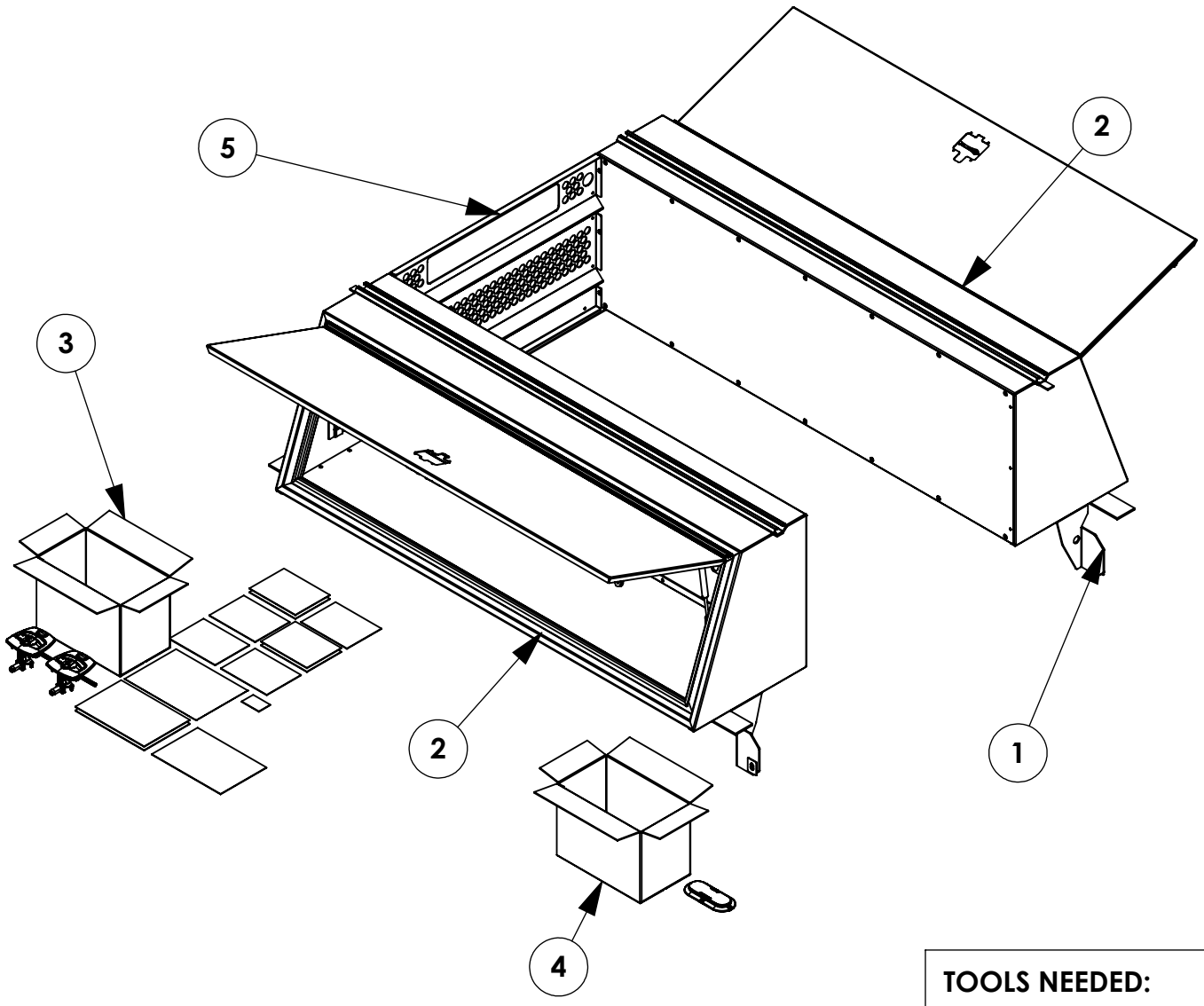
- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER	PG:	REV:
81821	2	B

PART NUMBER : **TSBX-6F1E**

PART DESC. : TSBX KIT, F-150 6' BED E

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6F1	TSBX FORD F-150 6' CAB GUARD/BED BRKT KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	E-LOCK CREW,PASS,8	1
5	TS-CG1	TSBX, CAB GUARD KIT, 1	1

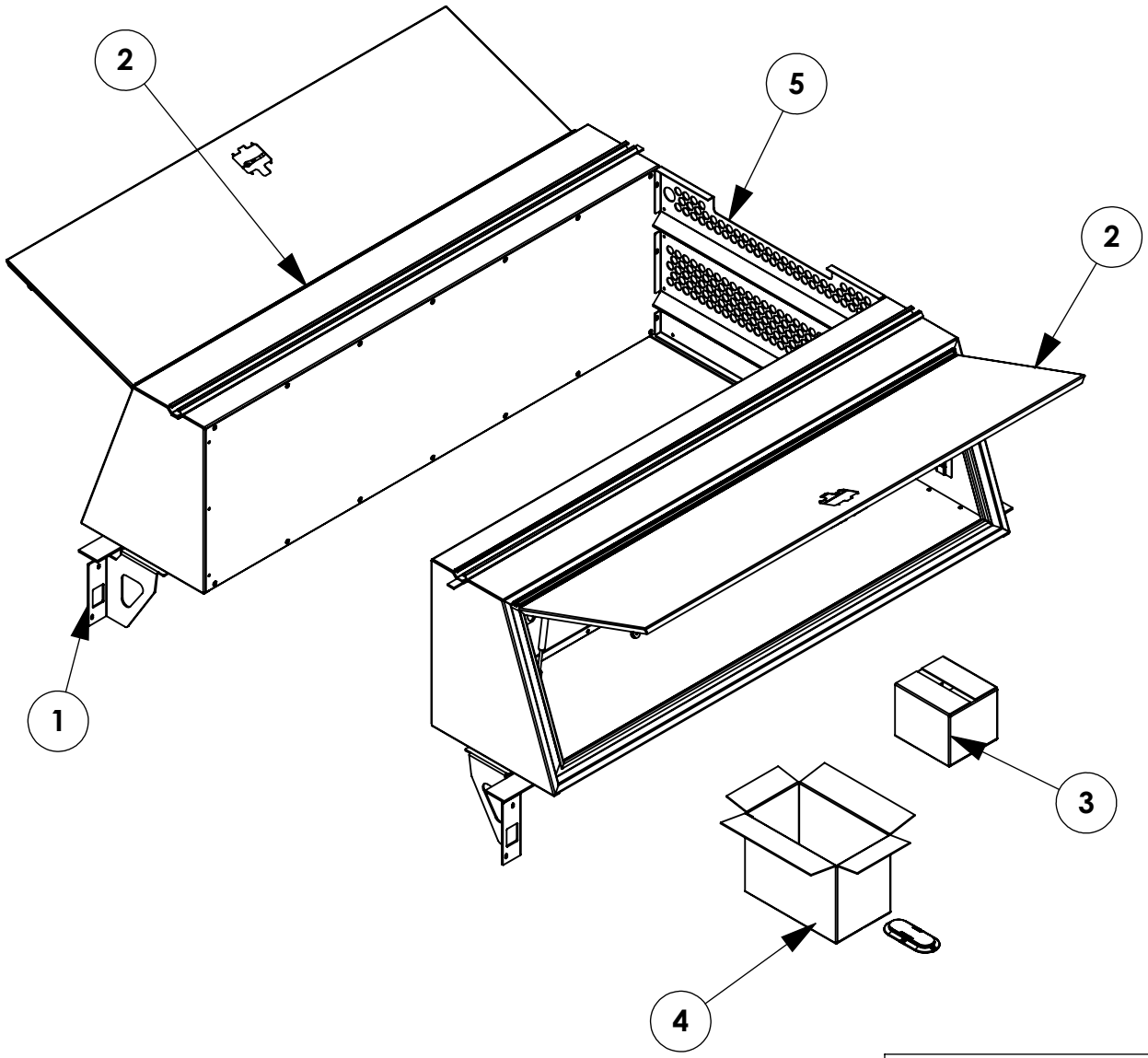


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 3	REV: B
PART NUMBER : **TSBX-6F2M**		
PART DESC. : TSBX KIT, F-250 6' BED M		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6F2	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG2	TSBX, CAB GUARD KIT, 2	1

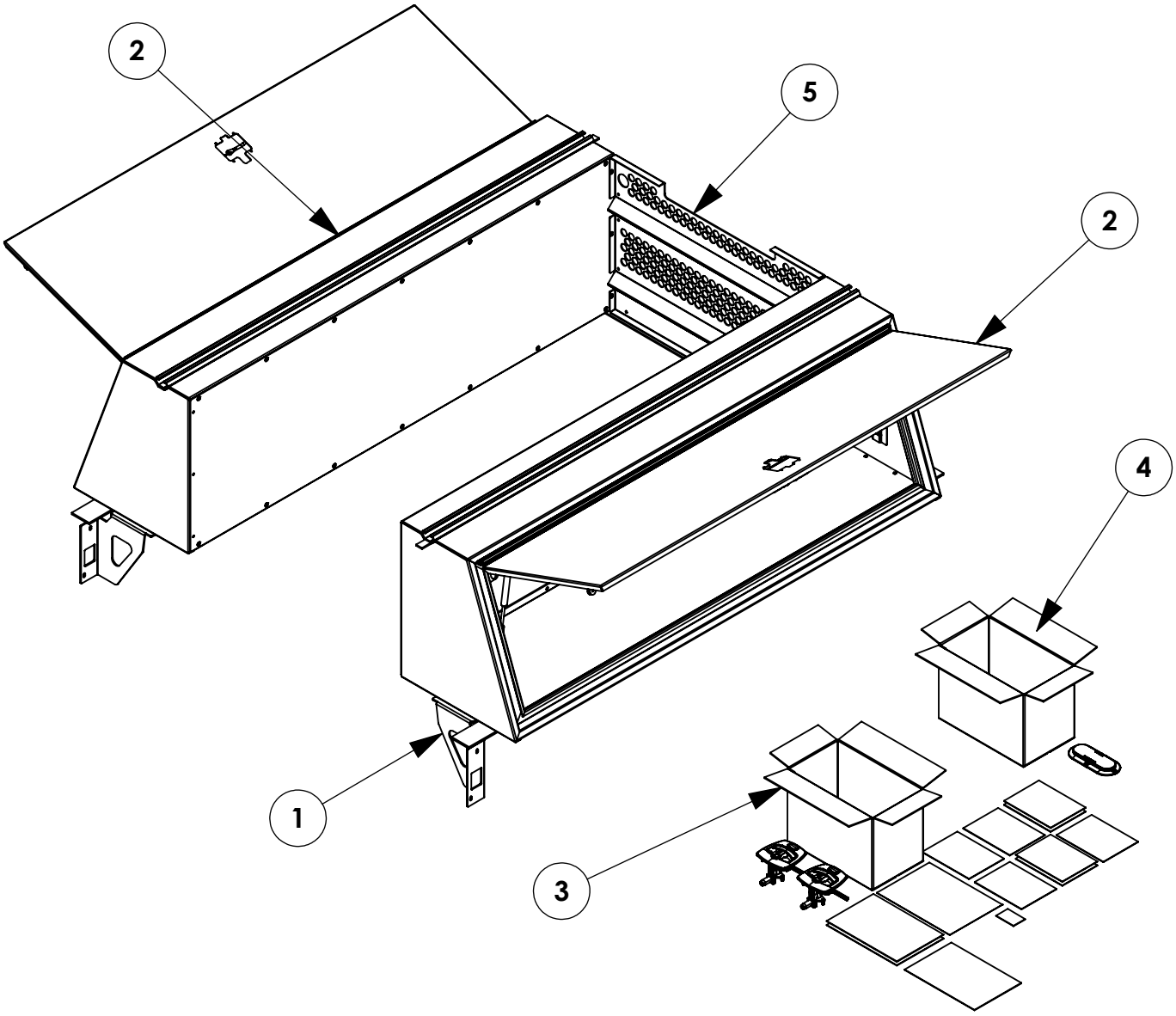


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 4	REV: B
PART NUMBER : **TSBX-6F2E**		
PART DESC. : TSBX KIT, F-250 6' BED E		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6F2	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG2	TSBX, CAB GUARD KIT, 2	1

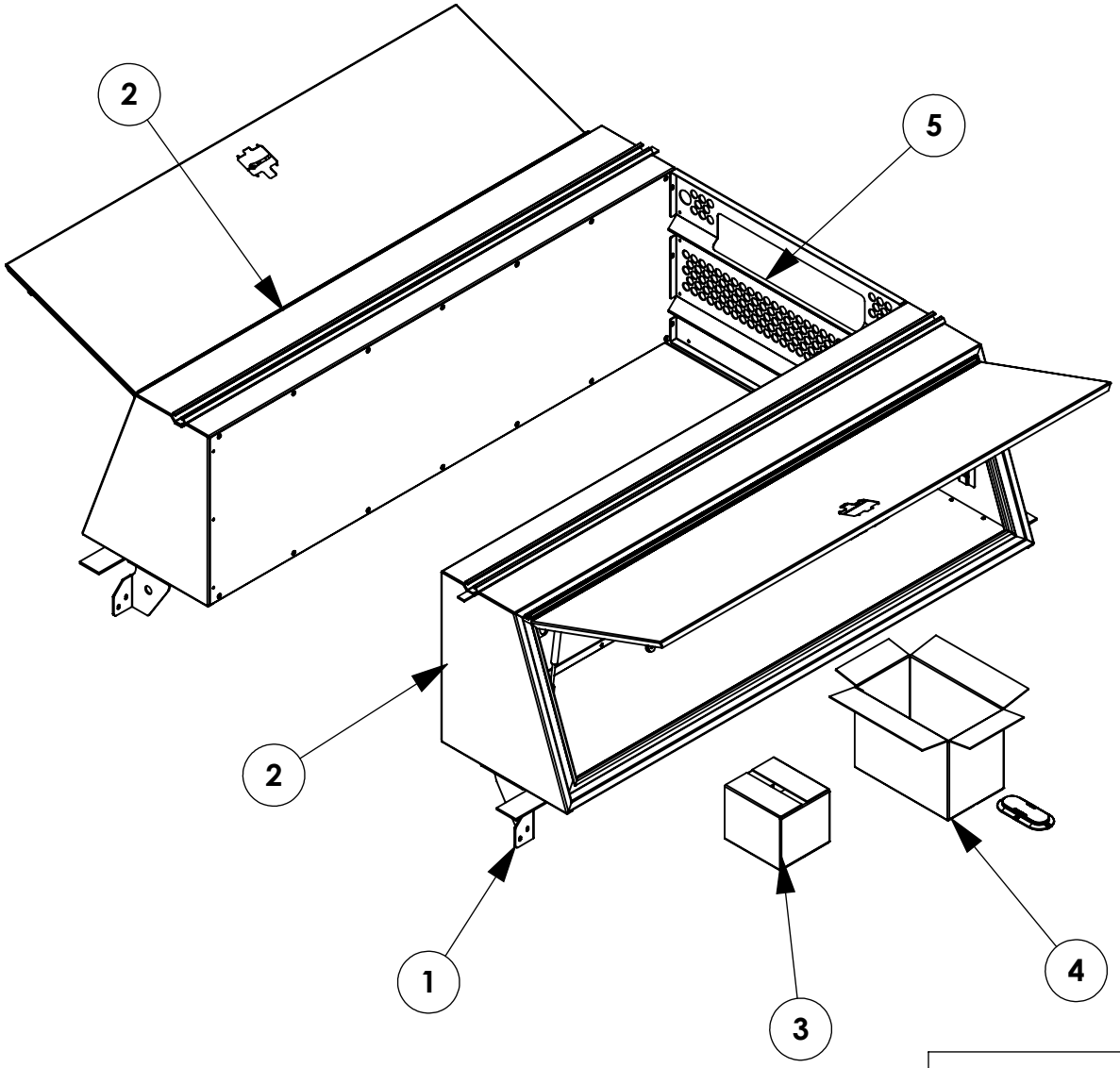


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 5	REV: B
PART NUMBER : **TSBX-6G1M**		
PART DESC. : TSBX KIT, GM 1500 6' BED M		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6G1	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG3	TSBX, CAB GUARD KIT, 3	1



TOOLS NEEDED:

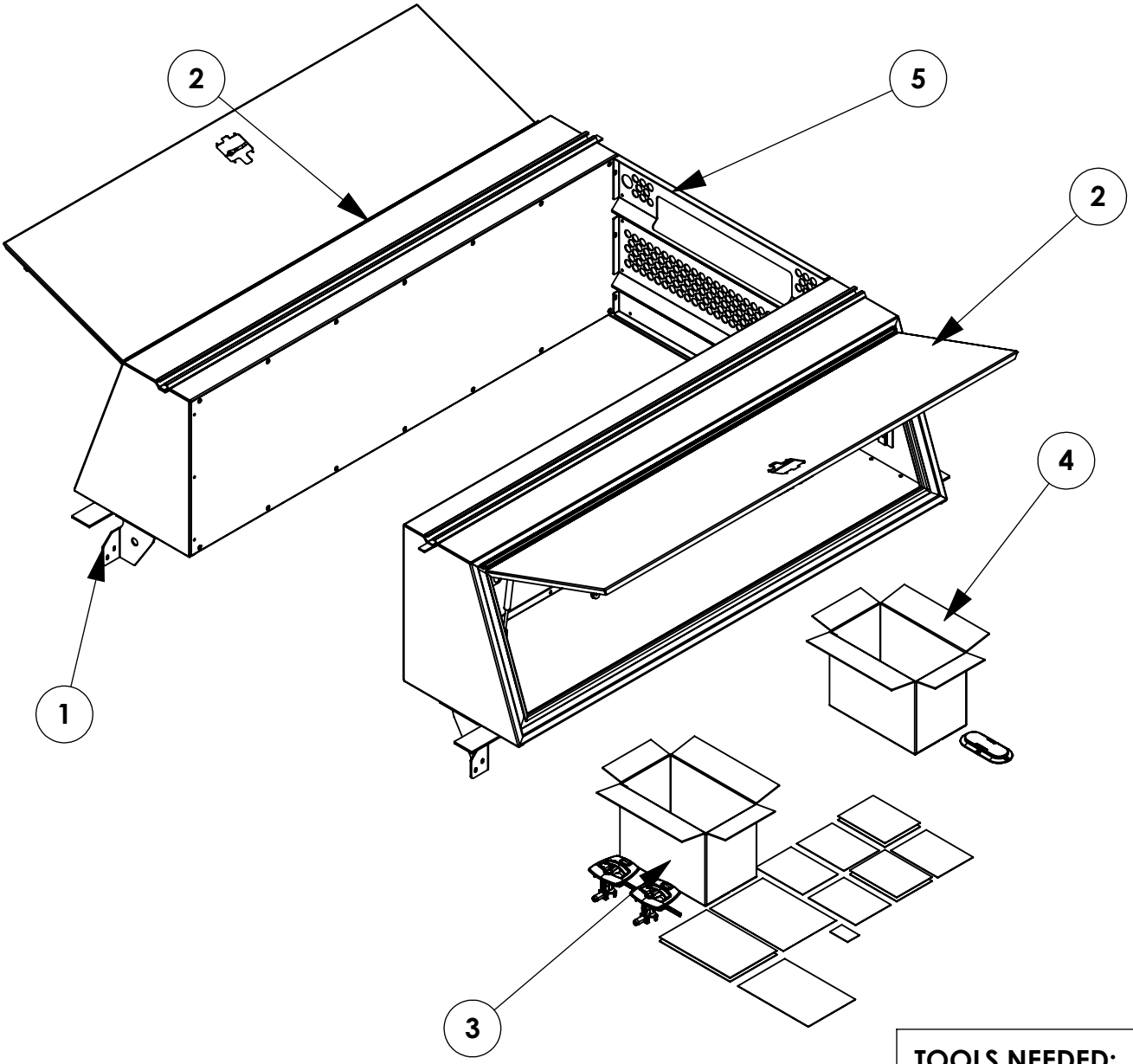
- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER	PG:	REV:
: 81821	6	B

PART NUMBER : **TSBX-6G1E**

PART DESC. : TSBX KIT, GM1500 6' BED E

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6G1	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG3	TSBX, CAB GUARD KIT, 3	1

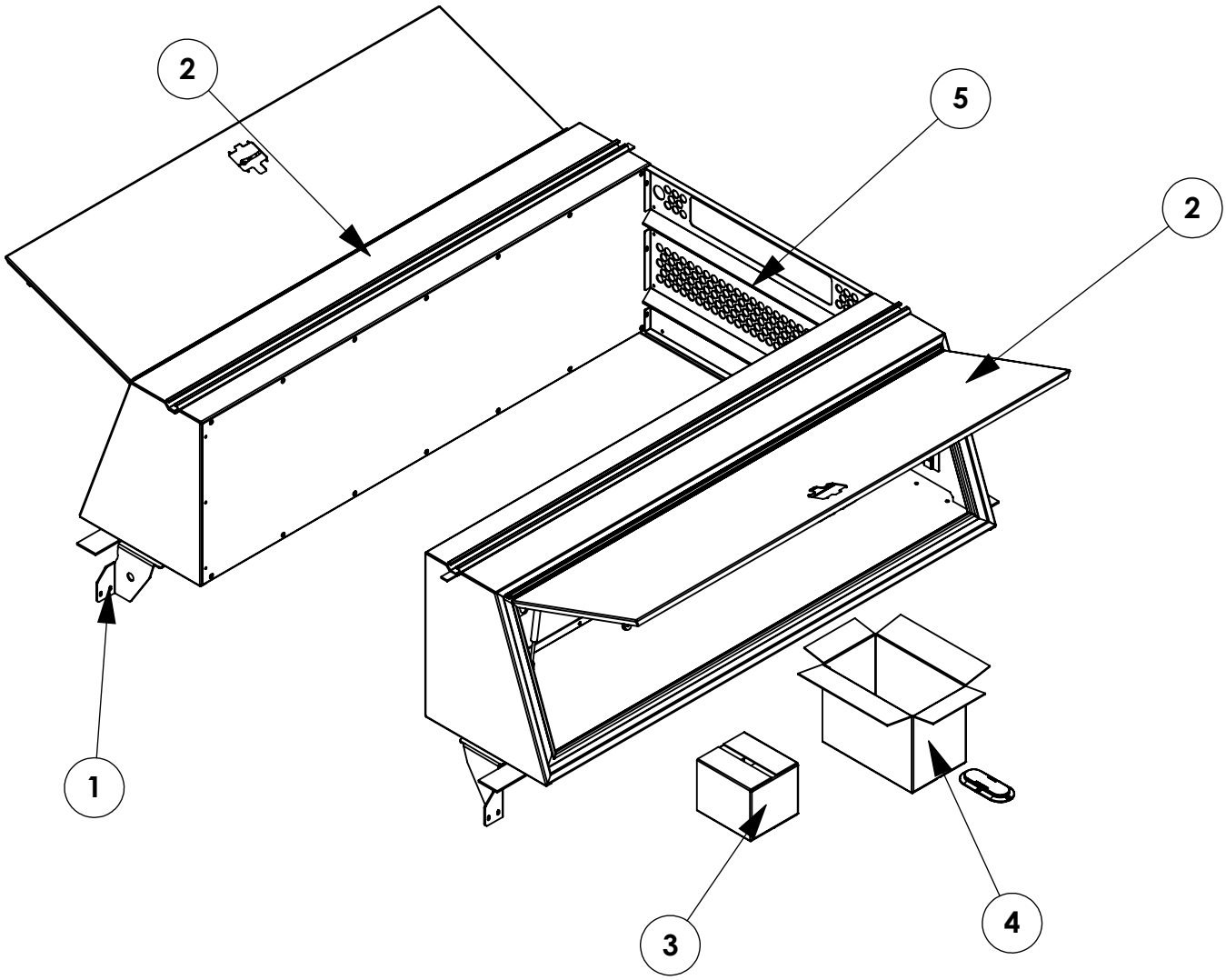


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 7	REV: B
PART NUMBER : **TSBX-6G2M**		
PART DESC. : TSBX KIT, GM2500 6' BED M		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6G2	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG1	TSBX, CAB GUARD KIT, 1	1

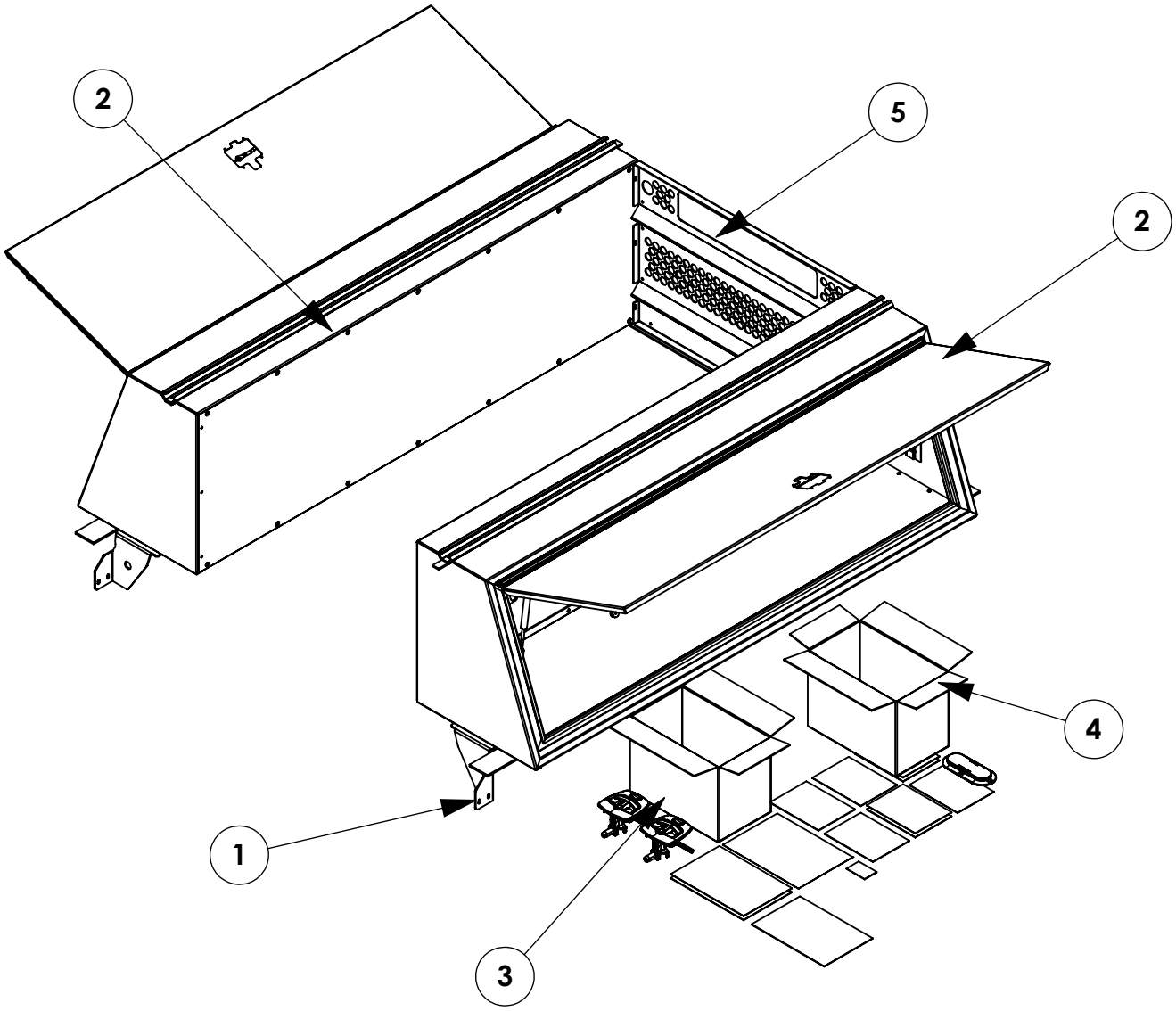


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 8	REV: B
PART NUMBER : **TSBX-6G2E**		
PART DESC. : TSBX KIT, GM2500 6' BED E		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6G2	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG1	TSBX, CAB GUARD KIT, 1	1

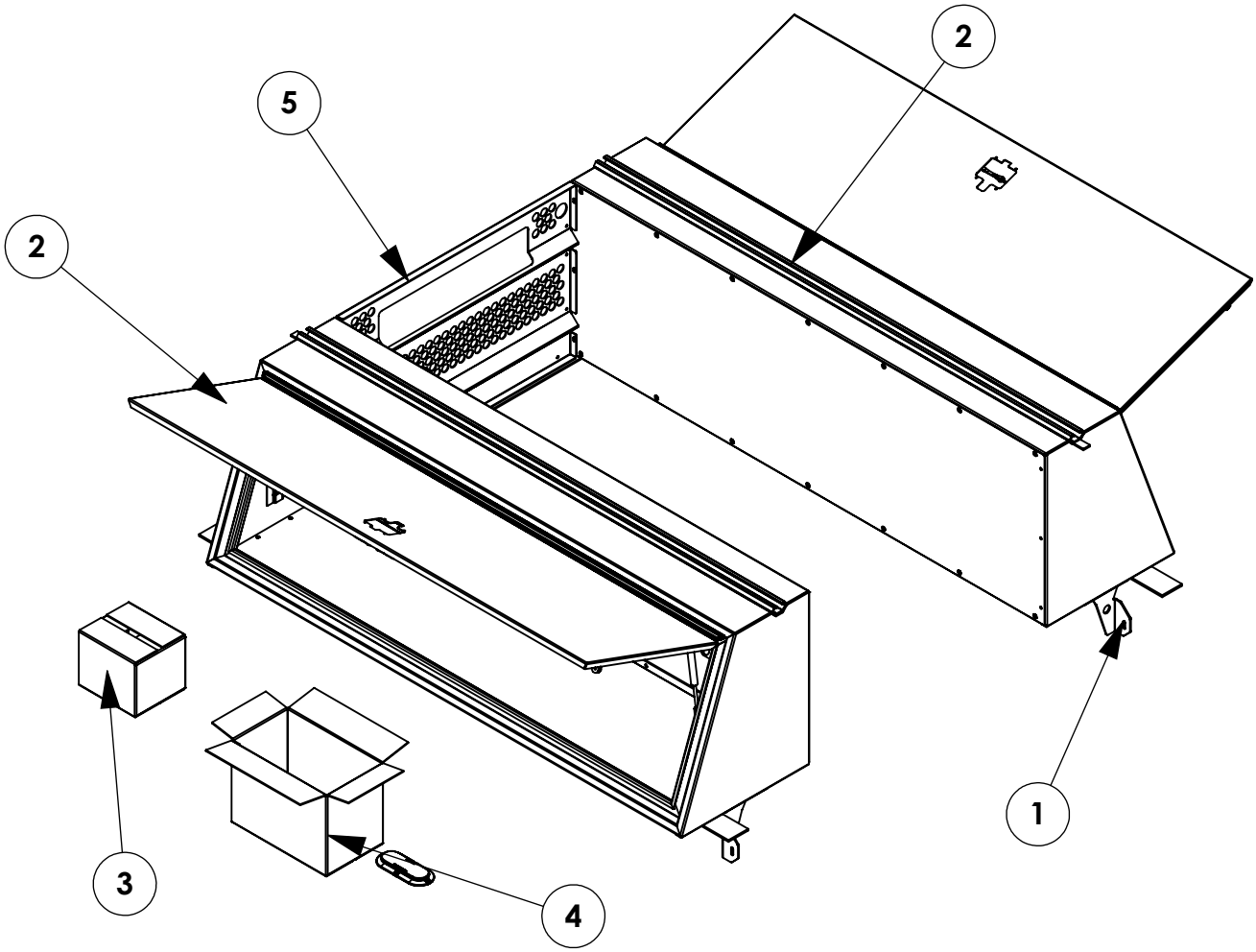


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 9	REV: B
PART NUMBER : **TSBX-6R1M**		
PART DESC. • TSBX KIT, RAM1500&2500, • 6' BED M		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6R1	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	TMLHK2	Topper Mechanical Lock Hatch Kit	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG3	TSBX, CAB GUARD KIT, 3	1

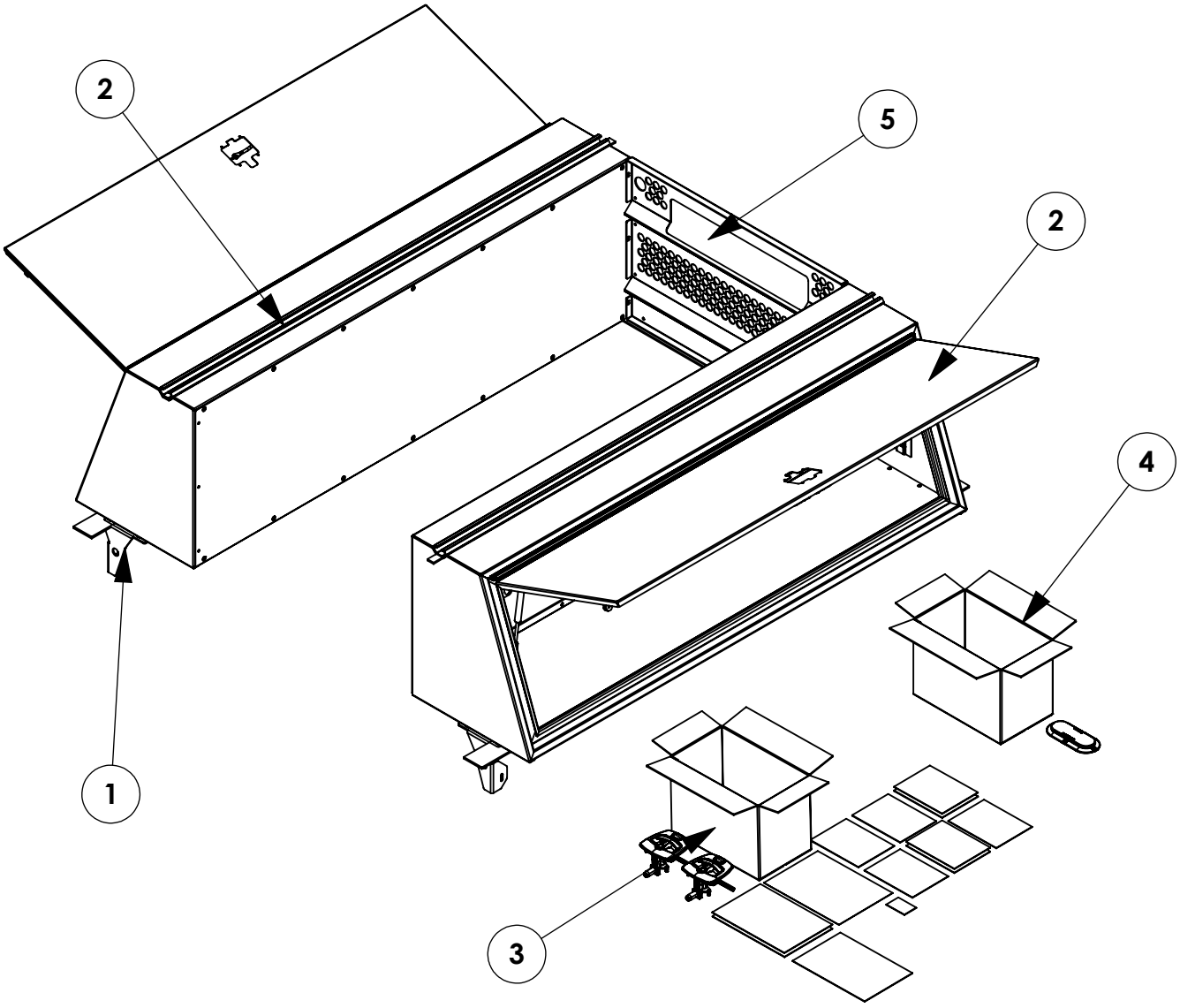


TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

INSTR. NUMBER : 81821	PG: 10	REV: B
PART NUMBER : **TSBX-6R1E**		
PART DESC. • TSBX KIT, RAM1500&2500 • 6' BED E		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BK6R1	TSBX, RAM 6' CAB BRK KIT	1
2	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1
5	TS-CG3	TSBX, CAB GUARD KIT, 3	1



TOOLS NEEDED:

- **RIVET GUN**
- **9/16 SOCKET**
- **7/16 SOCKET**
- **T27 TORX**
- **DRILL**

BEST PRACTICES

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).

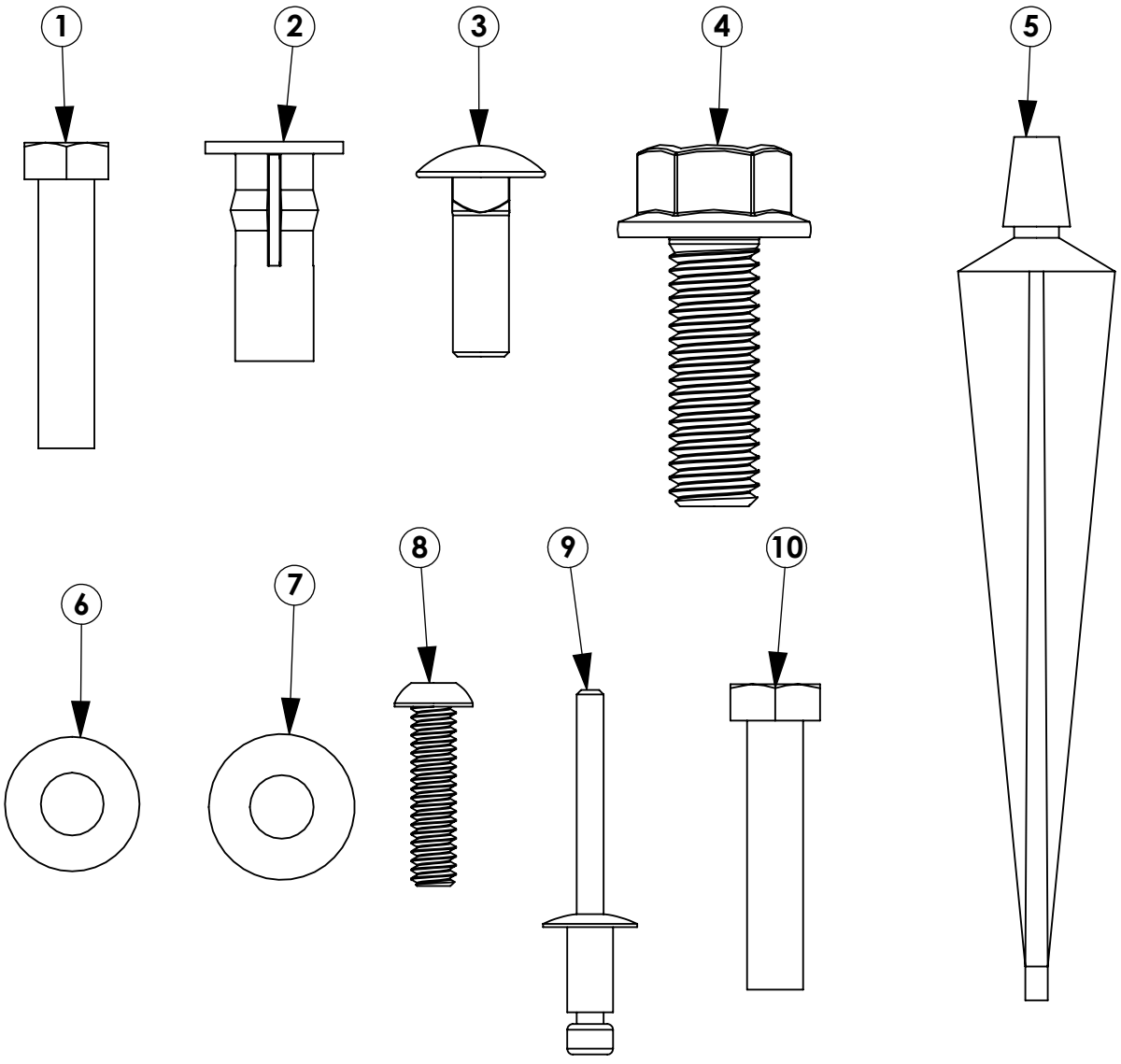
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

BAG REFERENCE: **BAG80398**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0092	SCREW, HEX HD, 5/16-18X1.50 ZN PLATE, G8	4
2	FAS0091	PLUSNUT, 5/16	4
3	FAS0398	BOLT,CRG 5/16-18X1.0 SS	8
4	FAS1025	HHCS FLNG 1/2"-13, 1-1/2" 18-8 SS	2
5	26618-0	SILICONE SEALANT	1
6	FAS0552	WASHER, FLAT, 5/16, SST	8
7	FAS0688	EPDM WASHER	8
8	FAS0940	SCREW, BHTX 1/4-20X1 SS NP	9
9	FAS0584 UNCRIMPED	RIVET, BLIND, DOMEHEAD, 1/4 X .25 GRIP	12
10	FAS0242	SCREW, HEX HD, 5/16-18X1.50 STAINLESS STEEL	10



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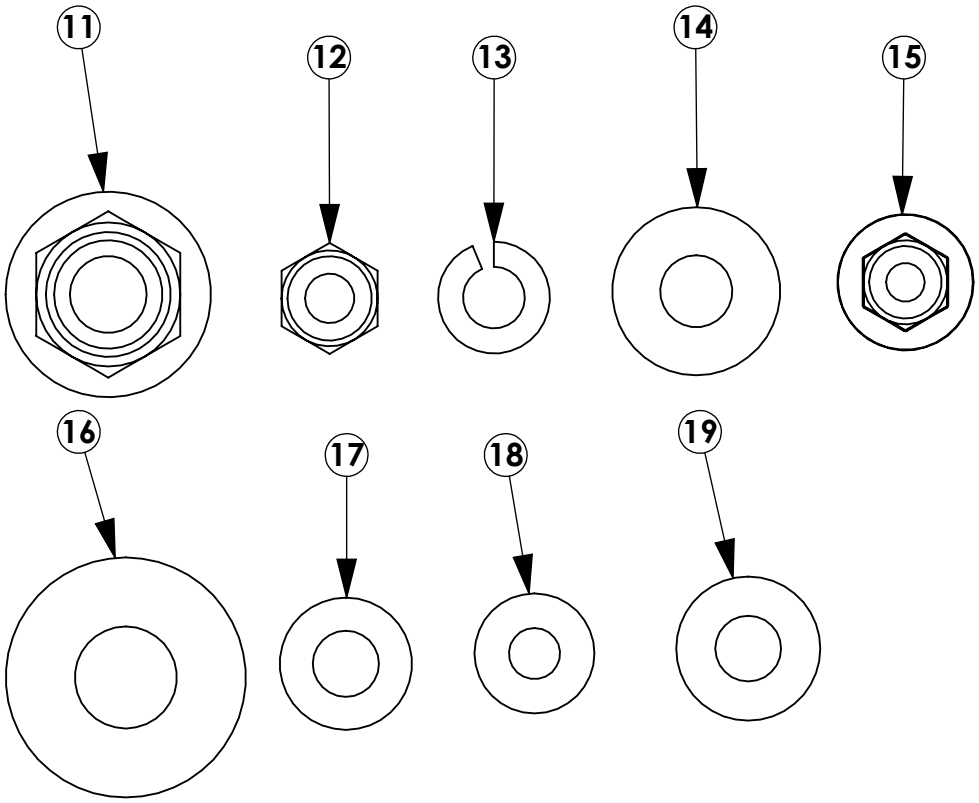
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE: **14**

FASTENERS USED

BAG REFERENCE: **BAG80398**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
11	FAS1026	NUT, HEX NLK FLG 1/2-13 SS	2
12	FAS0248	NUT, NYLON INSERT LOCK, 5/16-18 SST	18
13	FAS0098	WASHER, LOCK, SPLIT, 5/16, ZINC PLATE	4
14	FAS0086	WASHER,FLAT USS 5/16 ZP	4
15	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	9
16	FAS0334	WASHER,FLAT 1/2 SS	2
17	FAS0245	WASHER, FLAT, 5/16 HRD, ZN	20
18	FAS0234	WASHER, FLAT, 1/4, SST	9
19	FAS0164	WASHER,FLAT,SAE,5/16,ALUM	10



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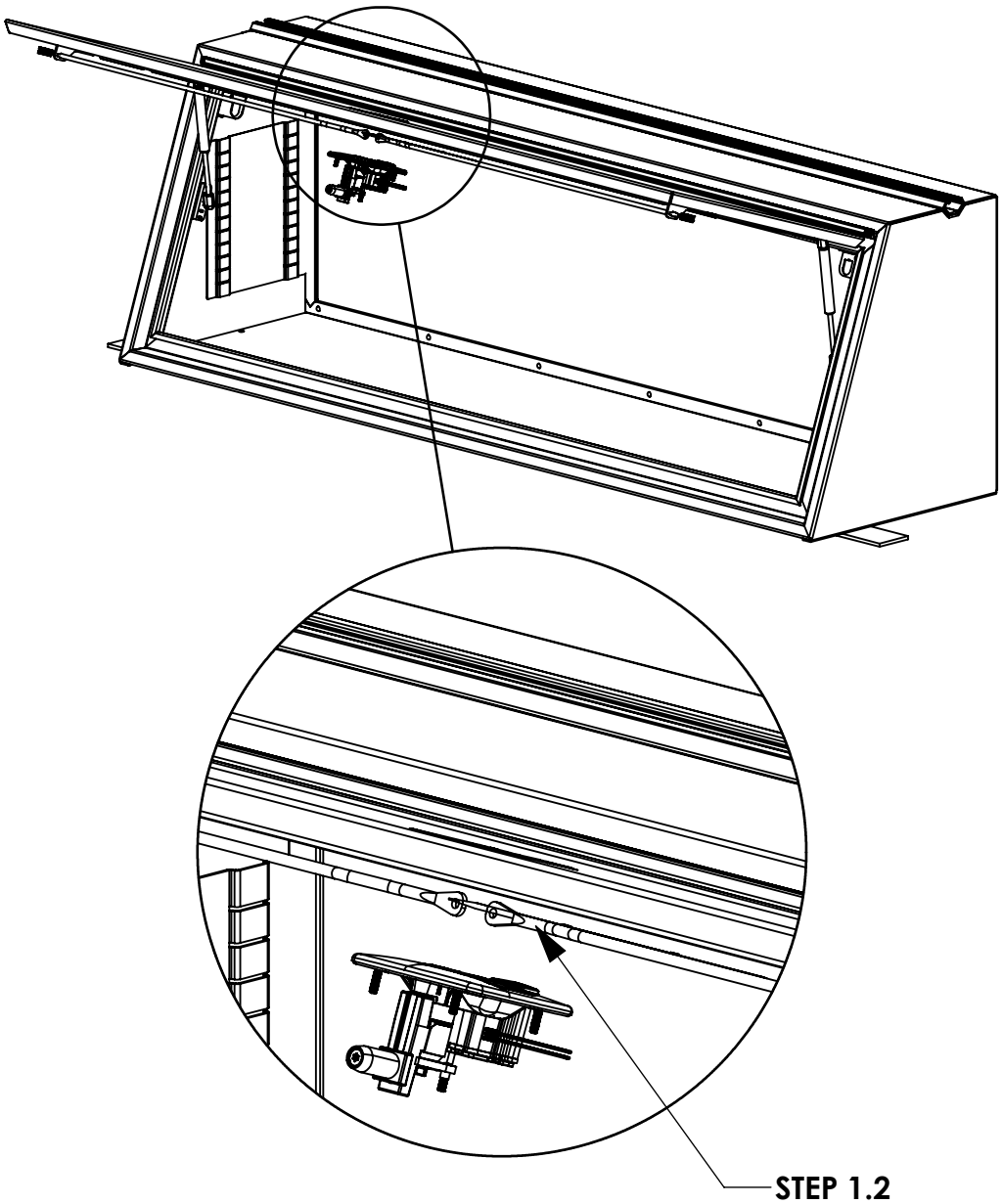
STEP 1 - DETERMINE WHICH BOX WILL BE THE PS AND DS SIDE - TEHSE BOXES WILL SHIP FROM ASC SYMMETRICAL

Step 1.1
IDENTIFY WHAT SIDE OF THE BOX WILL BE FACING FORWARD AND REWARD ON THE VEHICLE

Step 1.2
INSTALL LATCH <u>FULLY TIGHTEN</u> FAS0917 (4 PLACES)

Step 1.3
<u>REPEAT FOR 2ND BOX</u>



STEP 2.1 - INSTALL BED SUPPORT BRACKETS
THIS IS VEHICLE SPECIFIC

F-150

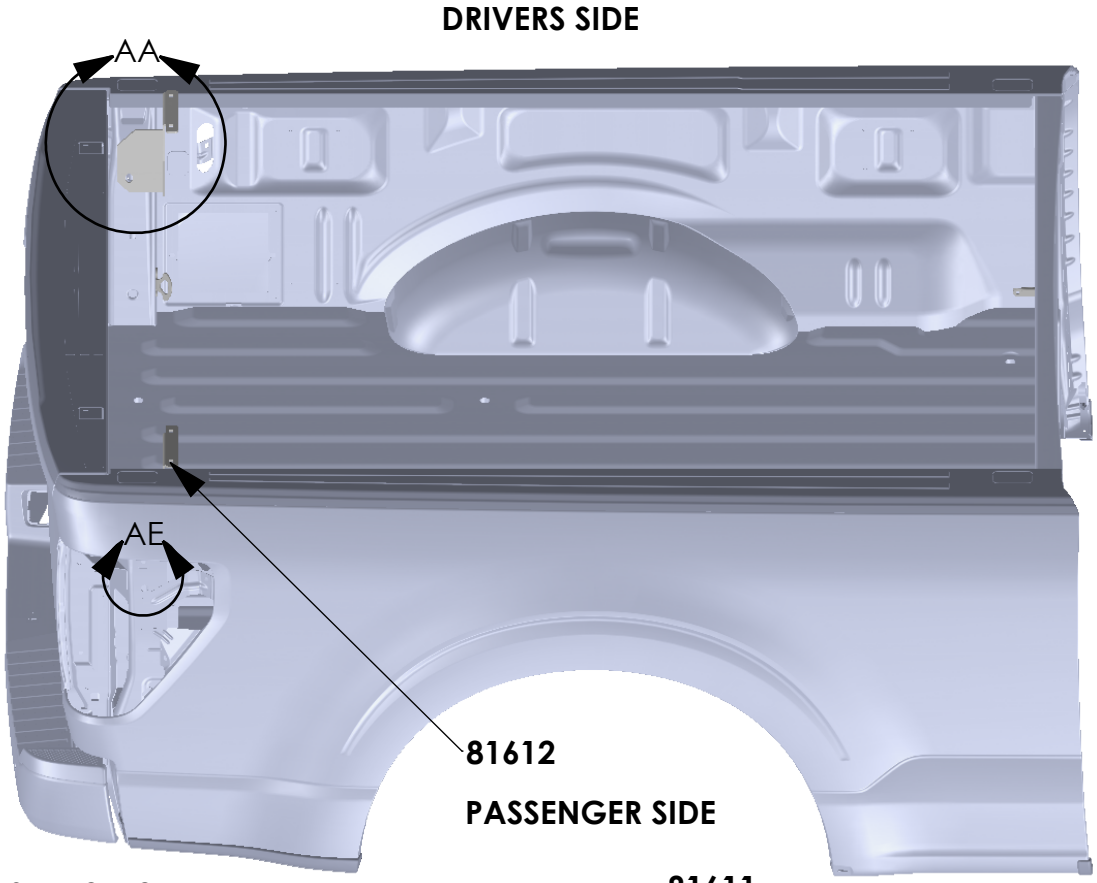
Step 2.1.1
LOCATE THE BED SUPPORT BRACKETS IN THE BRKT KIT

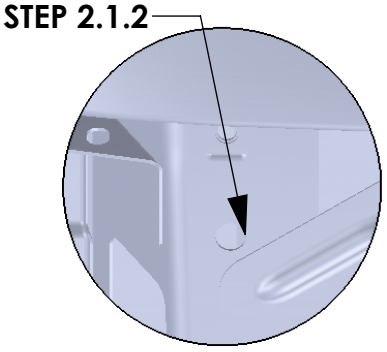
81611-B AND 81612-B FOR F-150

Step 2.1.2
REMOVE TAIL LIGHT TO GAIN ACCESS TO MOUNTING HOLES SHOWN

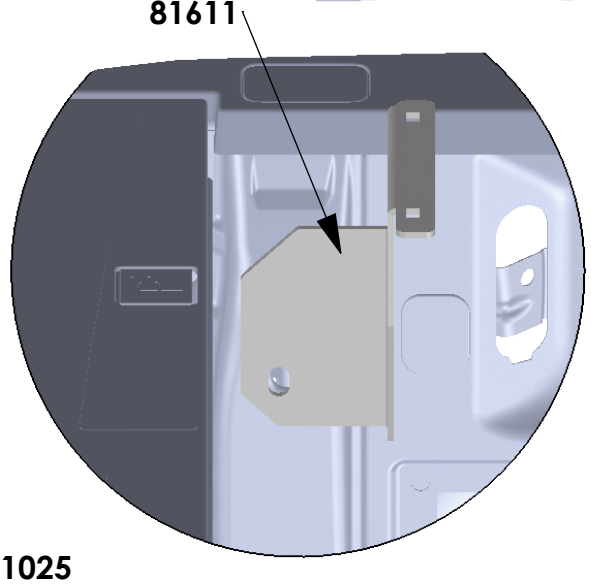
Step 2.1.3
ATTACH BRACKETS <u>LOOSELY TIGHTEN</u> FAS1025, FAS0334, 81848-B, AND FAS1026 (2 PLACES)

DO NOT REINSTALL TAIL LIGHT UNTIL END OF INSTALL

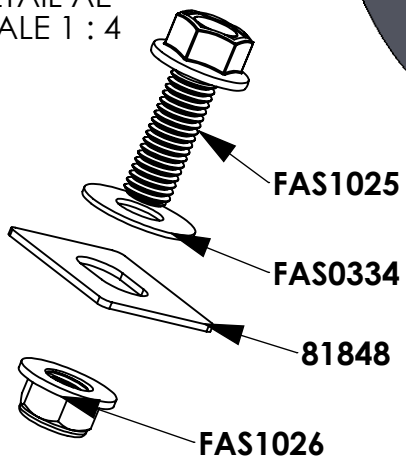




DETAIL AE
SCALE 1 : 4



DETAIL AA
SCALE 1 : 5



STEP 2.2 - INSTALL BED SUPPORT BRACKETS
THIS IS VEHICLE SPECIFIC

F-250

Step 2.2.1
LOCATE THE BED SUPPORT BRACKETS IN THE BRKT KIT

81609-B AND 81610-B FOR F-250

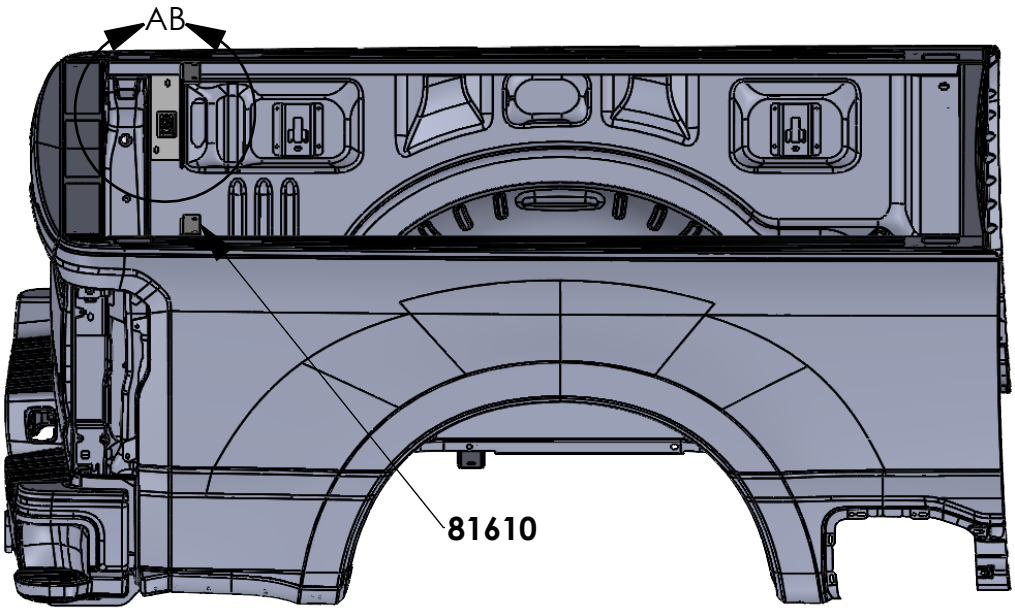
Step 2.2.2
ALIGN UPPER HOLE ON BED BRACKET TO HOLE IN F-250 BED
MARK
BOTTOM HOLE
DRILL
OUT OEM HOLE TO .565"
DRILL
MARKED HOLE TO .565"

Step 2.2.3
SET PLUSNUTS
FAS0091
(4 PLACES)

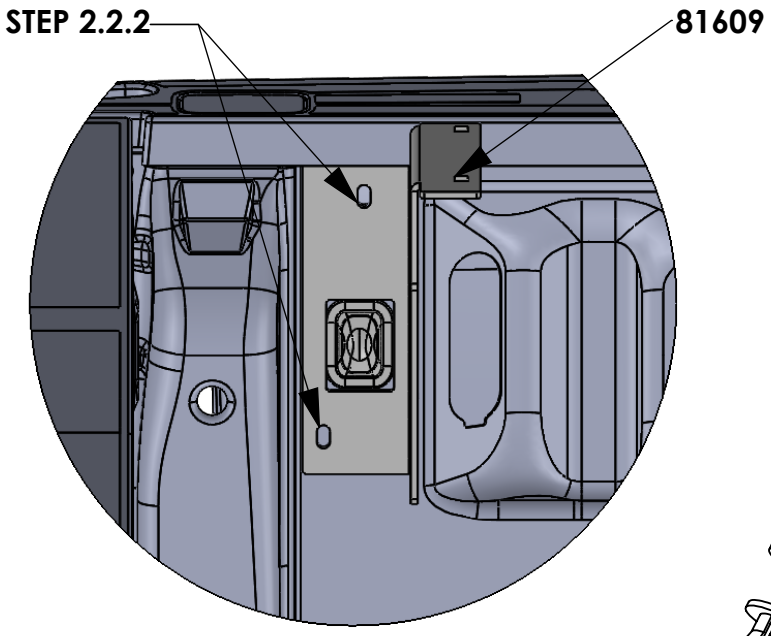
Step 2.2.4
LOOSELY TIGHTEN

FAS0091, FAS0092, FAS0086, AND FAS0086
(4) PLACES

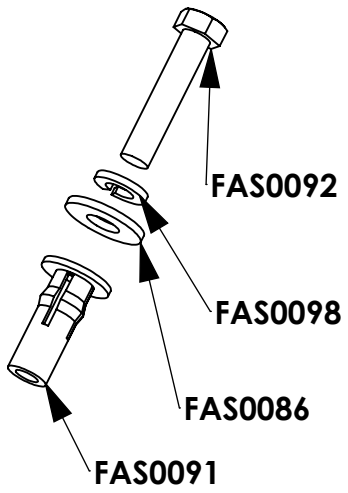
DRIVERS SIDE



PASSENGER SIDE



DETAIL AB
SCALE 1 : 5



STEP 2.3 - INSTALL BED SUPPORT BRACKETS
THIS IS VEHICLE SPECIFIC

GM1500

Step 2.3.1
LOCATE THE BED SUPPORT BRACKETS IN THE BRKT KIT

81332-B AND 81333-B FOR GM1500

ONLY INSTALL DS BRACKET
PS BRACKET WILL BE INSTALLED LATER

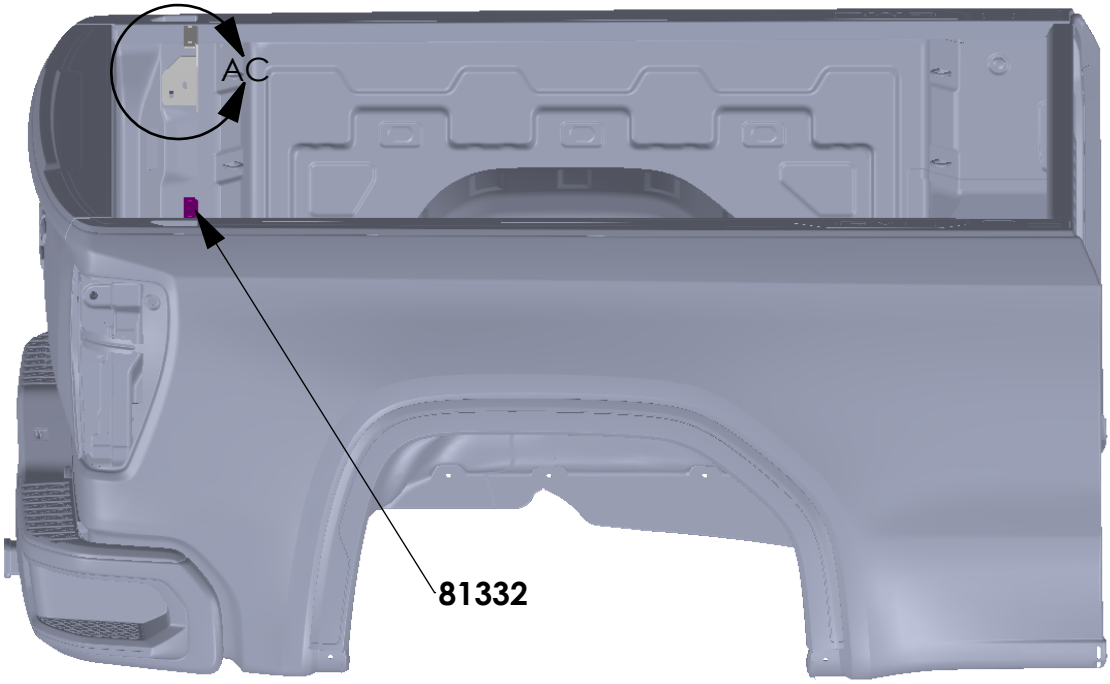
Step 2.3.2
ALIGN LEFT HAND HOLE ON BED BRACKET TO HOLE IN GM1500 BED
MARK
RIGHT HAND HOLE
DRILL
OUT OEM HOLE TO .565"
DRILL
MARKED HOLE TO .565"

Step 2.3.3
SET PLUSNUTS
FAS0091
(2 PLACES)

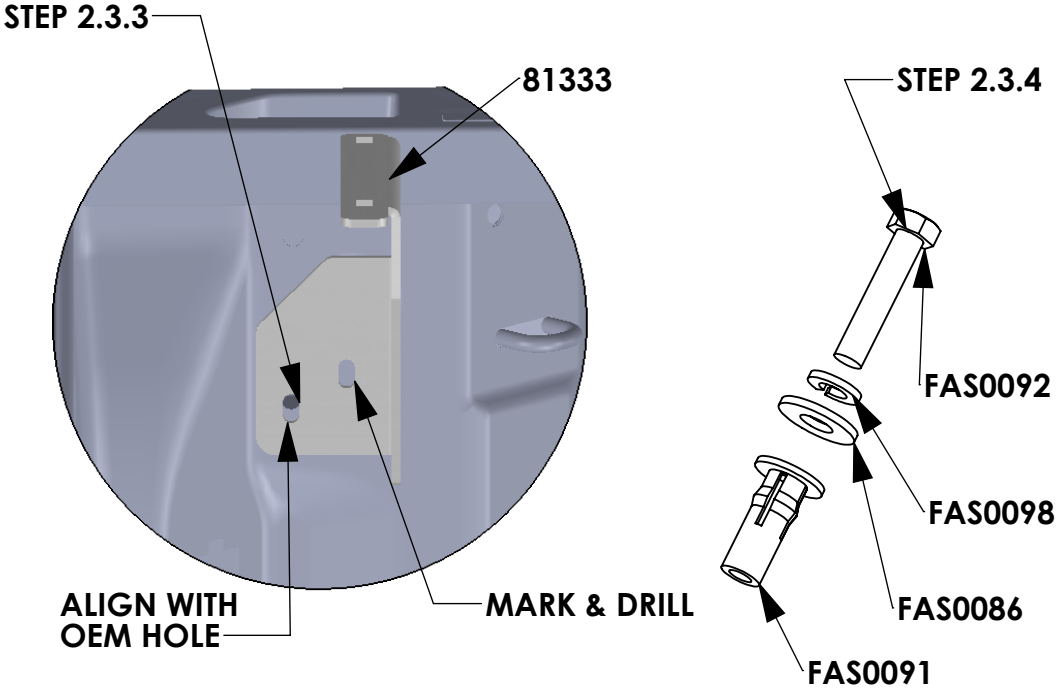
Step 2.3.4
LOOSELY TIGHTEN

FAS0091, FAS0092, FAS0086, AND FAS0086
(2) PLACES

DRIVERS SIDE



PASSENGER SIDE



DETAIL AC
SCALE 1 : 4

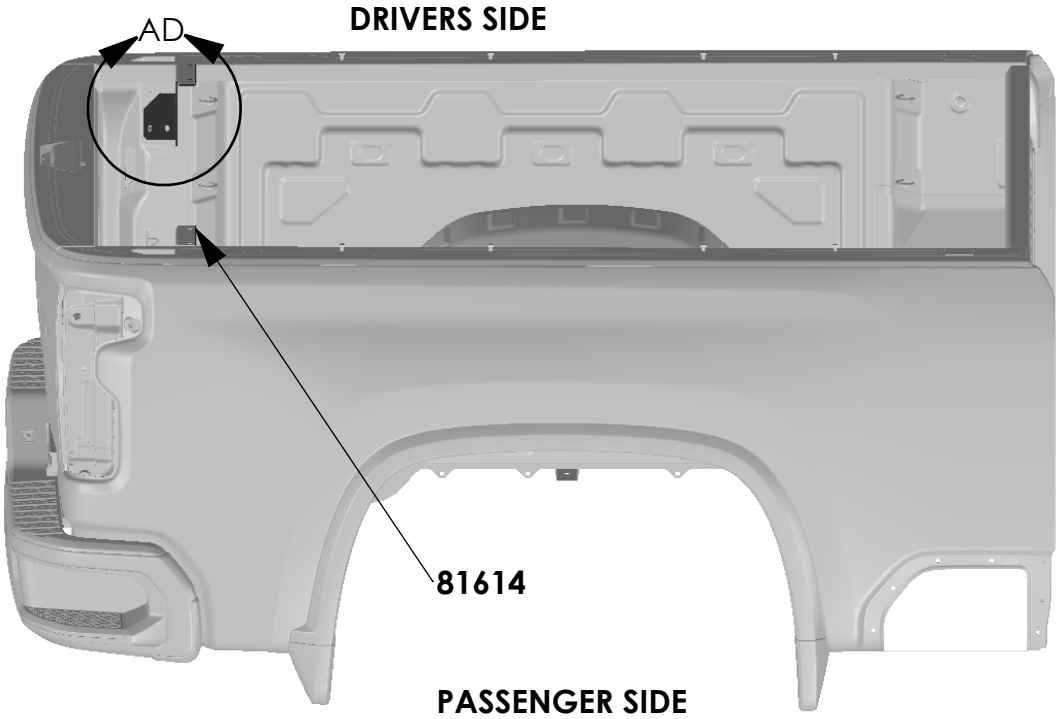
STEP 2.4 - INSTALL BED SUPPORT BRACKETS
THIS IS VEHICLE SPECIFIC

GM2500

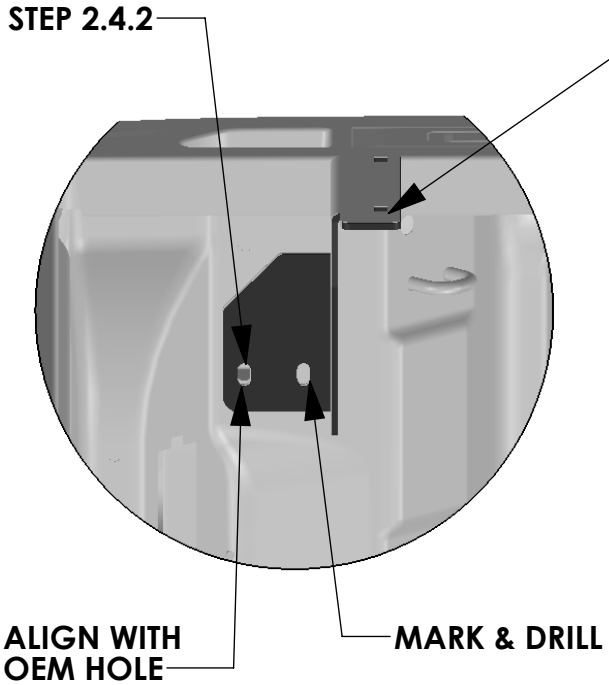
Step 2.4.1
LOCATE THE BED SUPPORT BRACKETS IN THE BRKT KIT

81614-B AND 81613-B FOR GM2500

ONLY INSTALL DS BRACKET
PS BRACKET WILL BE INSTALLED LATER



Step 2.4.2
ALIGN LEFT HAND HOLE ON BED BRACKET TO HOLE IN GM2500 BED
MARK
RIGHT HAND HOLE
DRILL
OUT OEM HOLE TO .565"
DRILL
MARKED HOLE TO .565"

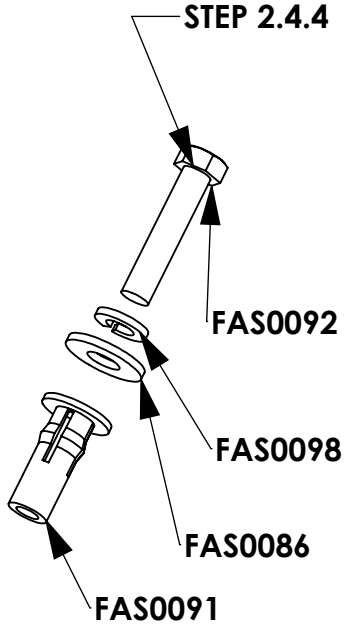


DETAIL AD
SCALE 1 : 5

Step 2.4.3
SET PLUSNUTS
FAS0091
(2 PLACES)

Step 2.4.4
LOOSELY TIGHTEN

FAS0091, FAS0092, FAS0086, AND FAS0086
(2) PLACES



STEP 2.5 - INSTALL BED SUPPORT BRACKETS THIS IS VEHICLE SPECIFIC

RAM1500

Step 2.5.1
LOCATE THE BED SUPPORT BRACKETS IN THE BRKT KIT

81330-B AND 81331-B FOR RAM1500 & RAM 2500

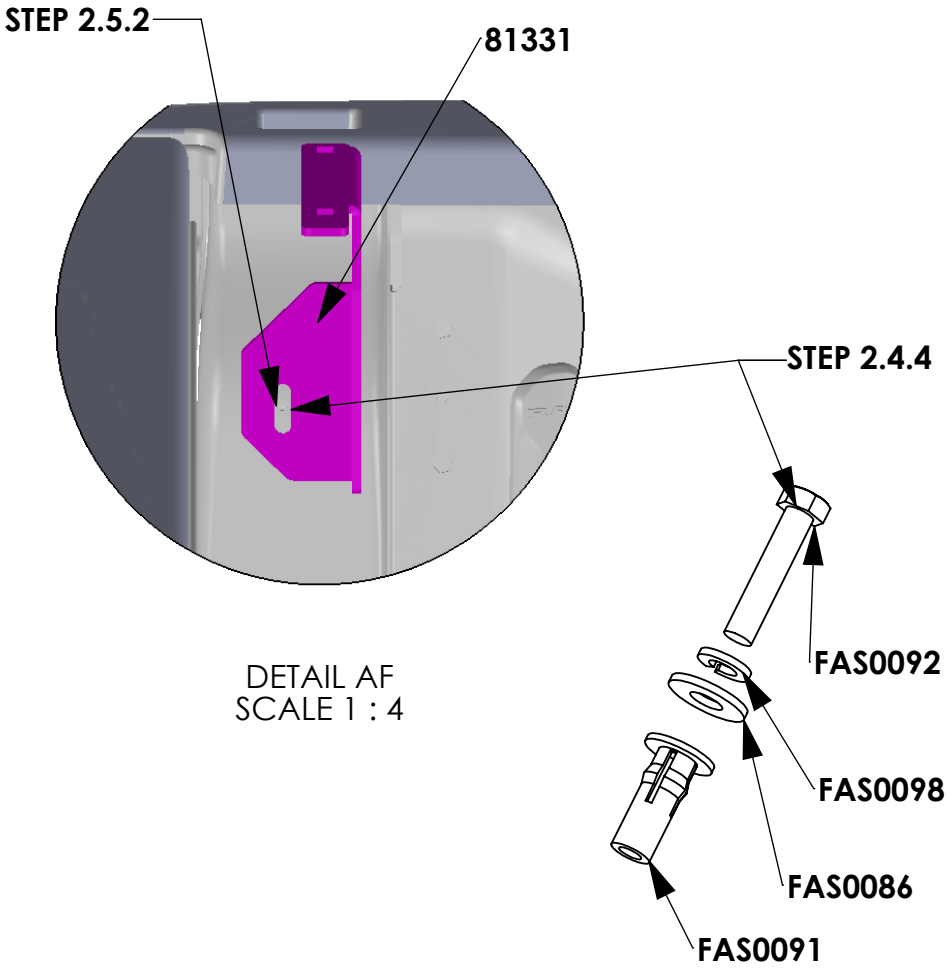
Step 2.5.2
ALIGN HOLE ON BED BRACKET TO HOLE IN RAM BED

DRILL
OUT OEM HOLE TO .565"

Step 2.5.3
SET PLUSNUTS
FAS0091
(2 PLACES)

Step 2.4.4
LOOSELY TIGHTEN

FAS0091, FAS0092, FAS0098, AND FAS0086
(2) PLACES

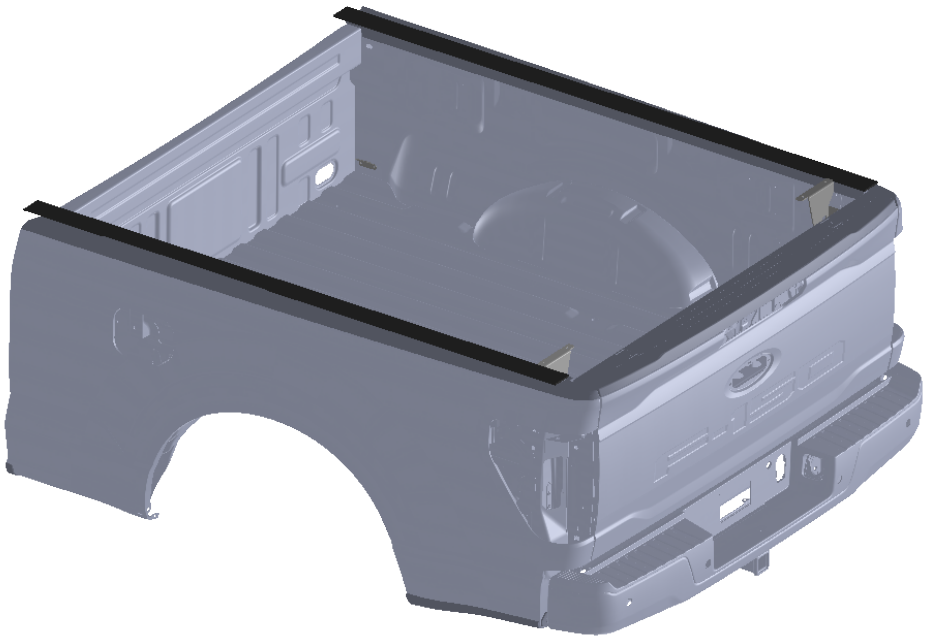


DETAIL AF
SCALE 1 : 4

STEP 3 - PREP BED (ALL VEHICLEES)

Step 3.1
APPLY FOAM STRIPS 73632 ON BED RAIL (1 PER SIDE)
START FLUSH WITH THE END OF THE CAB SIDE OF THE BED RAIL
DO NOT TRIM EXCESS UNTIL FULLY INSTALLED

F-150 BED SHOWN



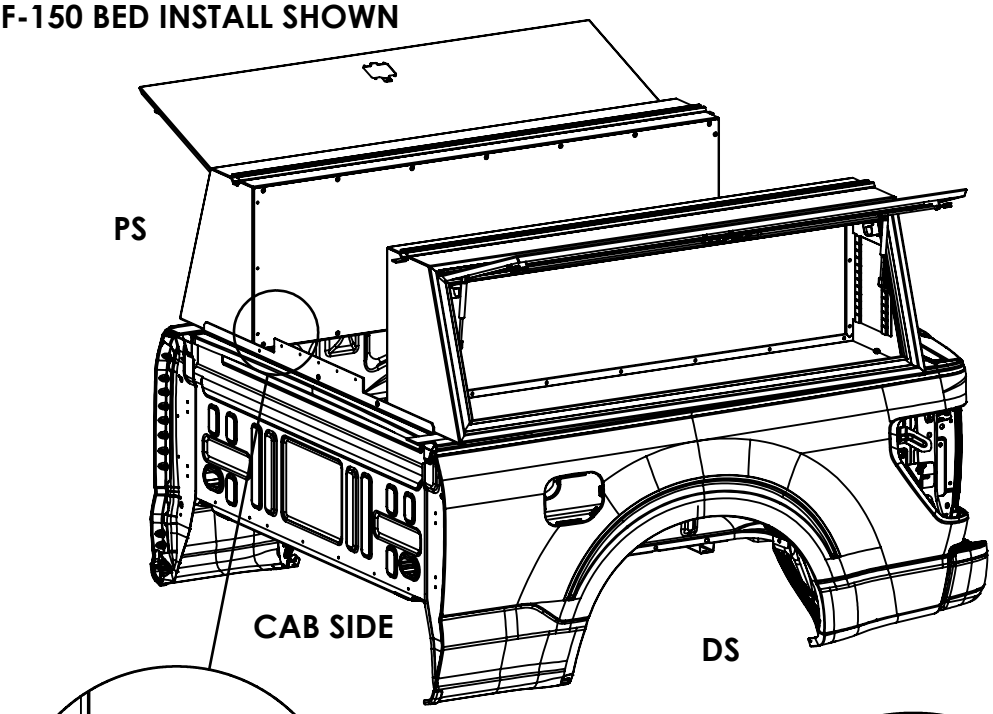
STEP 4 - ATTACH FRONT SUPPORT BRACKET

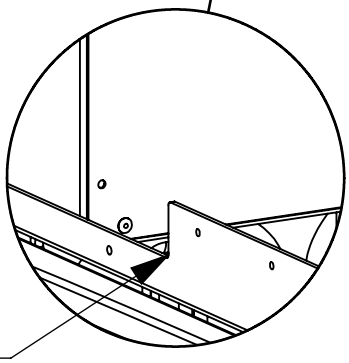
F-150 BED INSTALL SHOWN

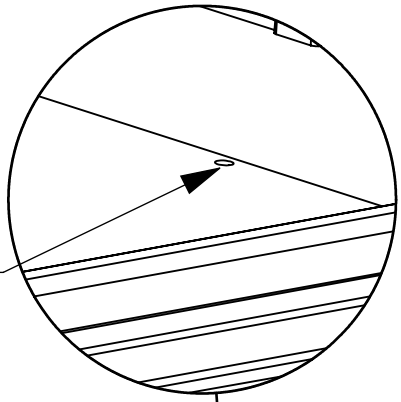
Step 4.1
PLACE BOXES ON BED RAILS

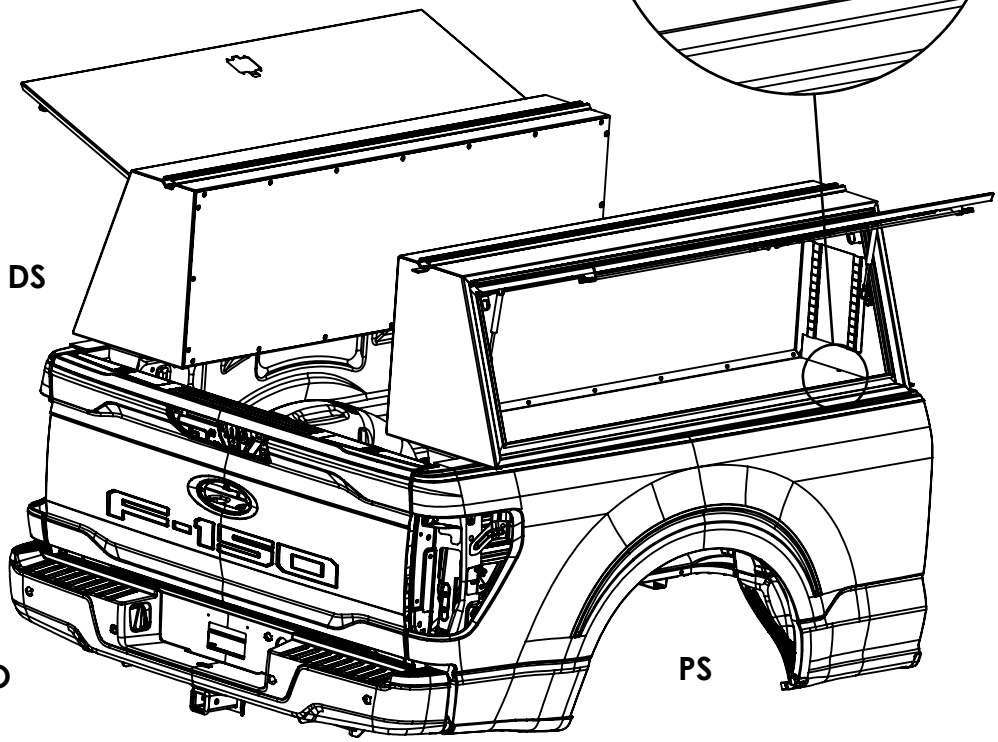
Step 4.2
LOOSELY ASSEMBLE UNTIL AFTER STEP 7
FAS0398, FAS0552, FAS0248 AND FAS0688 (4 PLACES)

1/2 SOCKET









BOXES NOT ATTACHED TO BED AT THIS POINT

STEP 5 - ATTACH CAB GAURD

Step 5.1
PLACE CAB GAURD IN POSITION SHOWN
USE PRY BAR IF NECESSARY

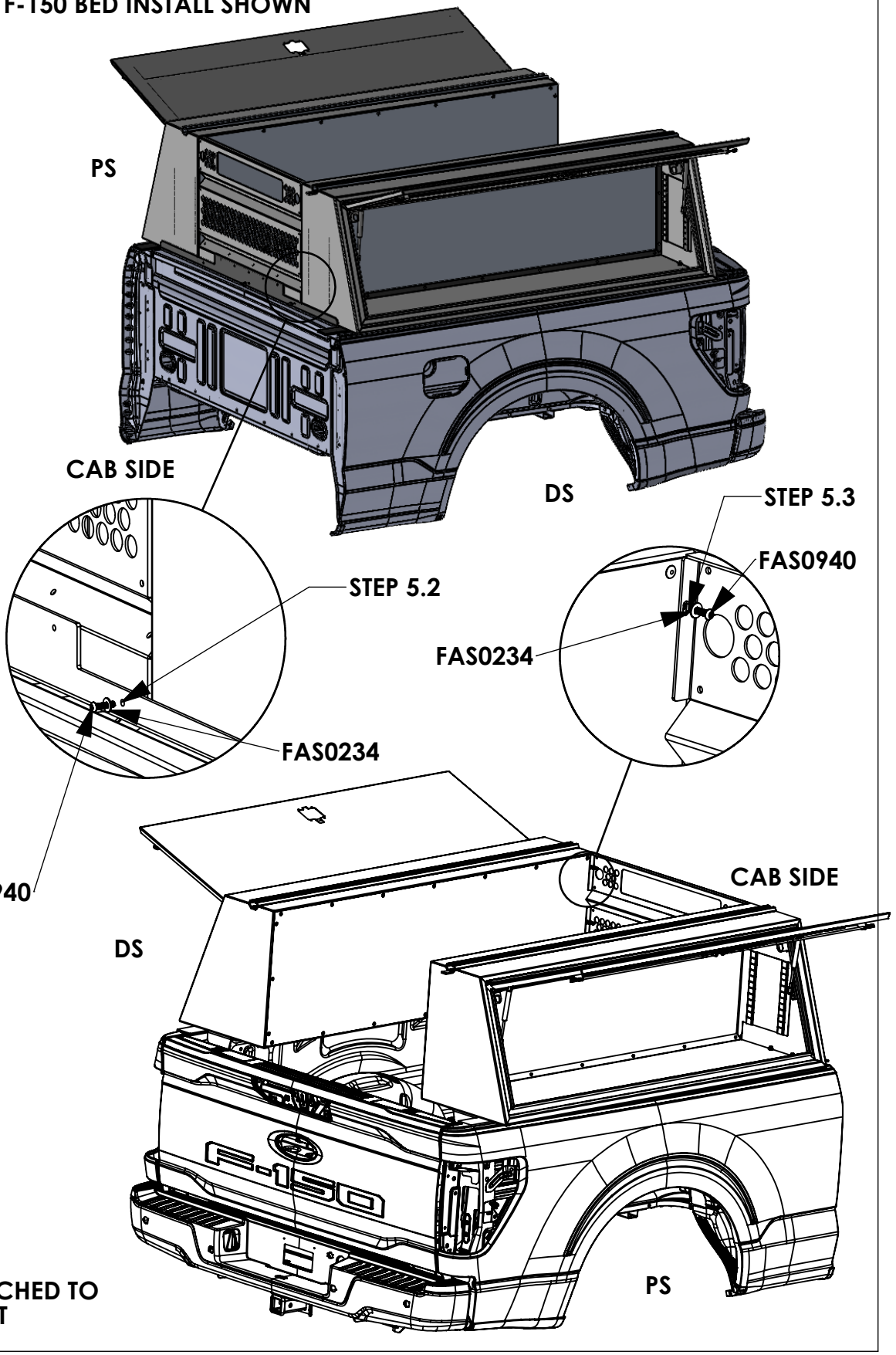
Step 5.2
ATTACH TO FRONT BED SUPPORT
<u>FULLY TIGHTEN</u>
FAS0055, FAS0234 AND FAS0940
(3 PLACES)

T27 TORX
7/16 WRENCH

Step 5.3
ATTACH TO BOXES
<u>FULLY TIGHTEN</u>
FAS0055, FAS0234 AND FAS0940
(6 PLACES)

T27 TORX
7/16 WRENCH

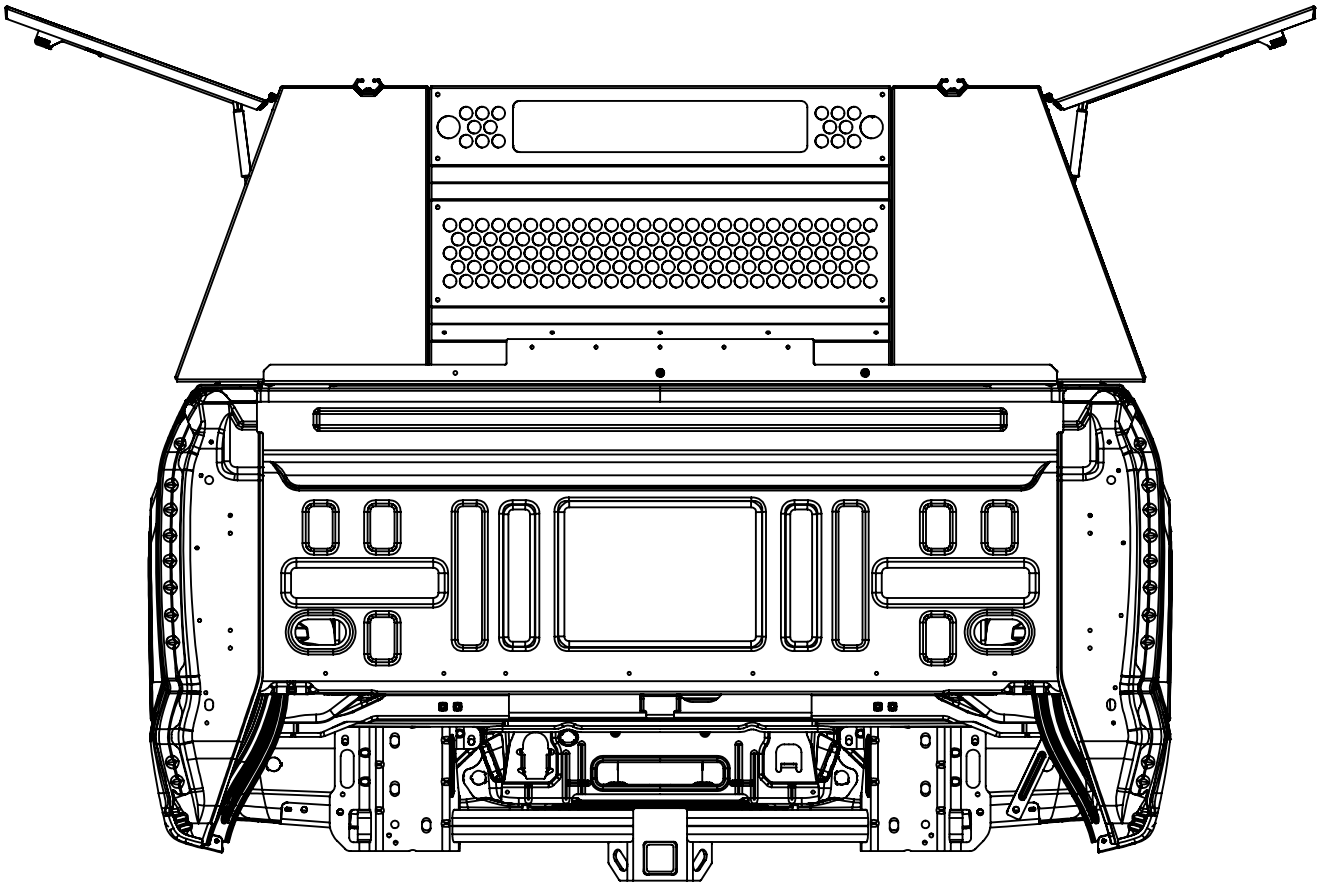
F-150 BED INSTALL SHOWN



BOXES NOT ATTACHED TO BED AT THIS POINT

CHECK THAT THE BOXES ARE CENTERED ON THE VEHICLE

STEP 4 - MEASURE DISTANCE FROM BED RAIL AT CAB SIDE AND ENSURE BOTH SIDES ARE EQUAL



STEP 7 - ATTACH CAB GAURD

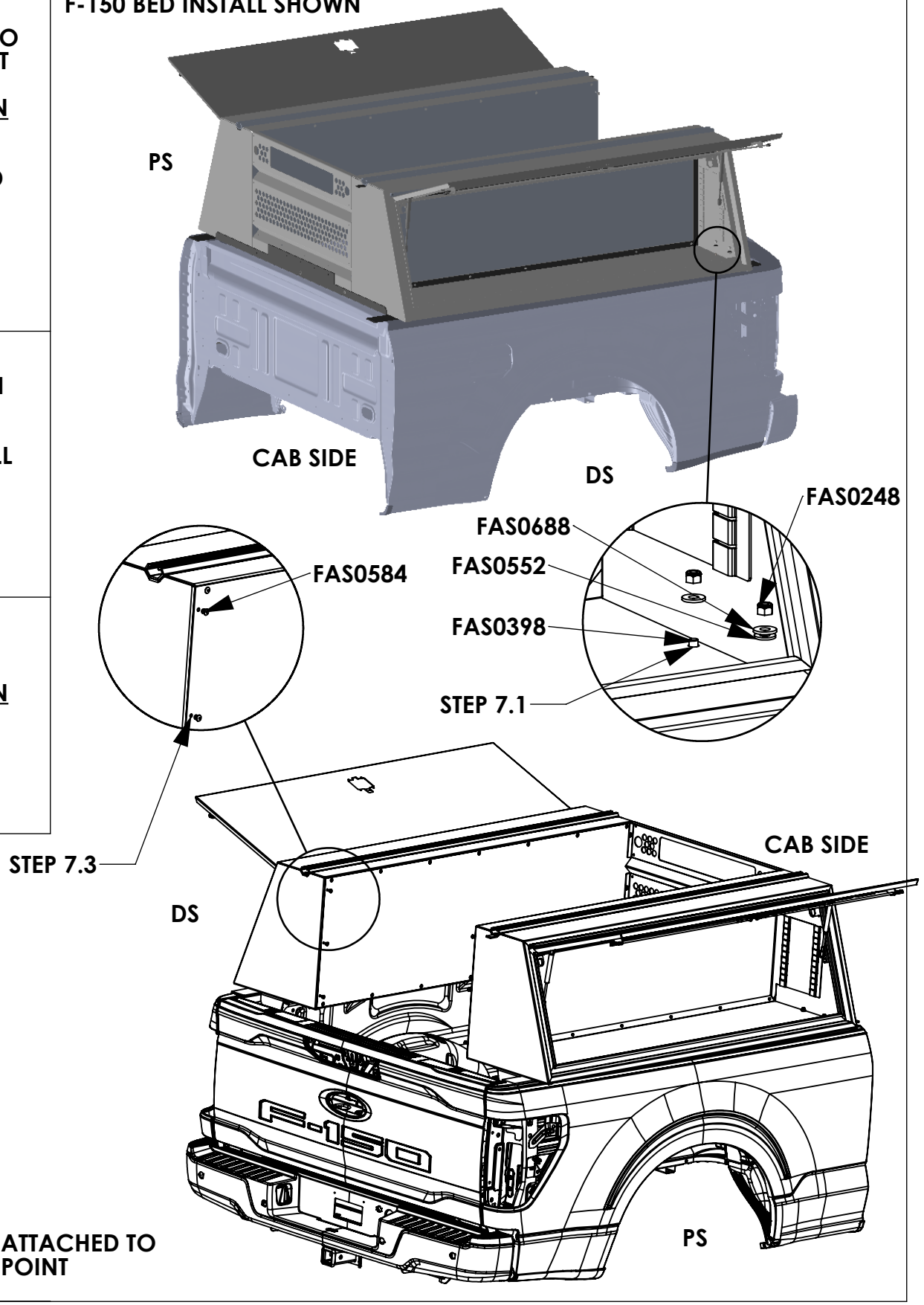
Step 7.1
BOLT BOXES TO REAR SUPPORT BRACKETS
<u>FULLY TIGHTEN</u>
FAS0248
FAS0552
FAS0688 AMD
FAS0398
(4) PLACES
9/16 SOCKET

Step 7.2
FULLY TIGHTEN FASTENERS FROM STEP 2 AND REINSTALL TAILIGHT IF NECESSARY

Step 7.3
RIVET BACK PANEL
<u>FULLY TIGHTEN</u>
FAS0584
(6 PLACES)

RIVET GUN

F-150 BED INSTALL SHOWN



BOXES NOT ATTACHED TO BED AT THIS POINT

STEP 8 - DRILL BED RAIL MOUNTING HOLES AND INSTALL FASTENERS

Step 8.1
IDENTIRY THE CORRECT DRILL JIG
IF YOU DO NOT HAVE A DRILL JIG YOU WILL NEED TO ENSURE A SAFE PLACE TO DRILL

Step 8.2
PLACE JIG IN BOX AS SHOWN FOR DS

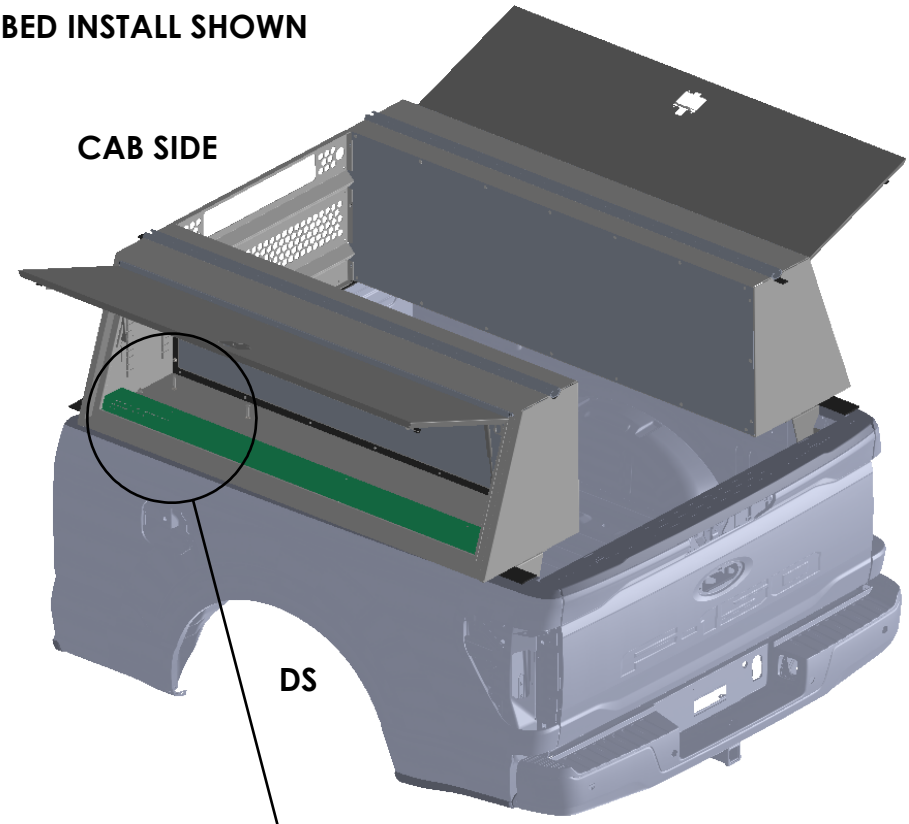
FLIP FOR PS

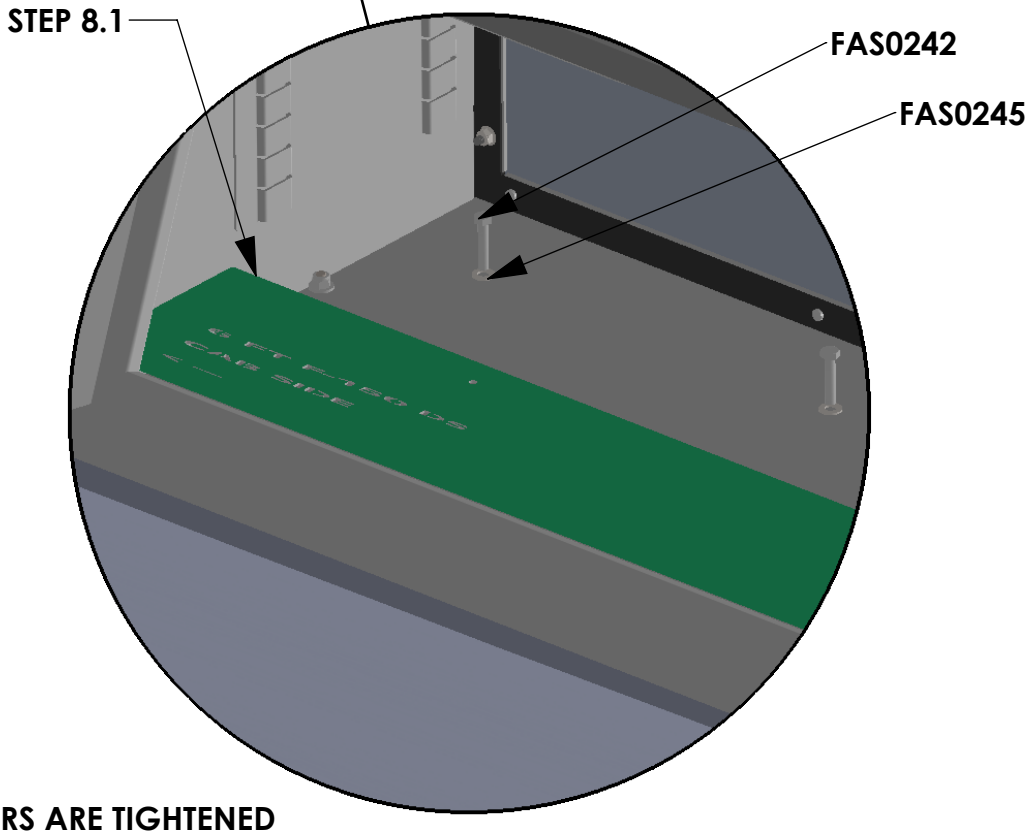
MARK HOLES WITH PEN AND DRILL USING A STEP BIT OR 3/8" DRILL BIT

Step 8.3
INSTALL BED RAIL FASTENERS FULLY TIGHTEN FAS0242 FAS0245(2), AND FAS0254

(8) PLACES

F-150 BED INSTALL SHOWN





ENSURE ALL FASTENERS ARE TIGHTENED
INSTALL IS COMPLETE

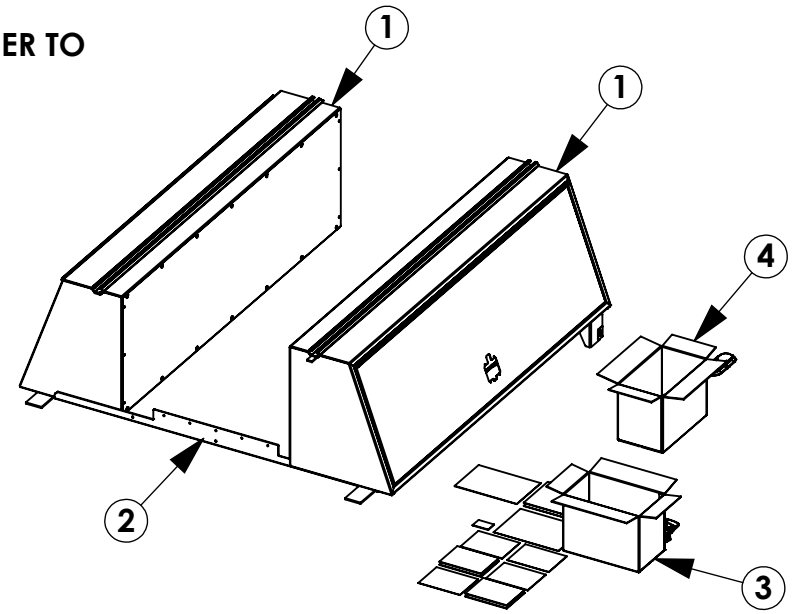
INSTR. NUMBER	PG:	REV:
: 83171	1	A

PART NUMBER : **SEE BOM**

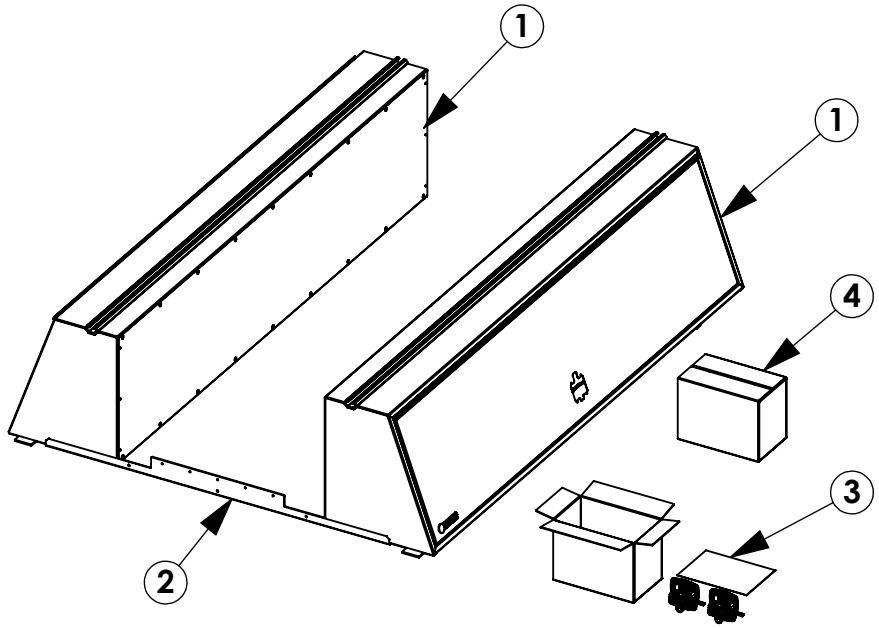
PART DESC. : TSBX KIT WITHOUT GUARD

TSBX-6F1E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6F1	TSBX FORD F-150 6' CAB GUARD/BED BRKT KIT	1
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1

NOTE:
FOR KITS WITH CAB GUARD REFER TO
81821 FOR 6' BEDS &
80397 FOR 8' BEDS



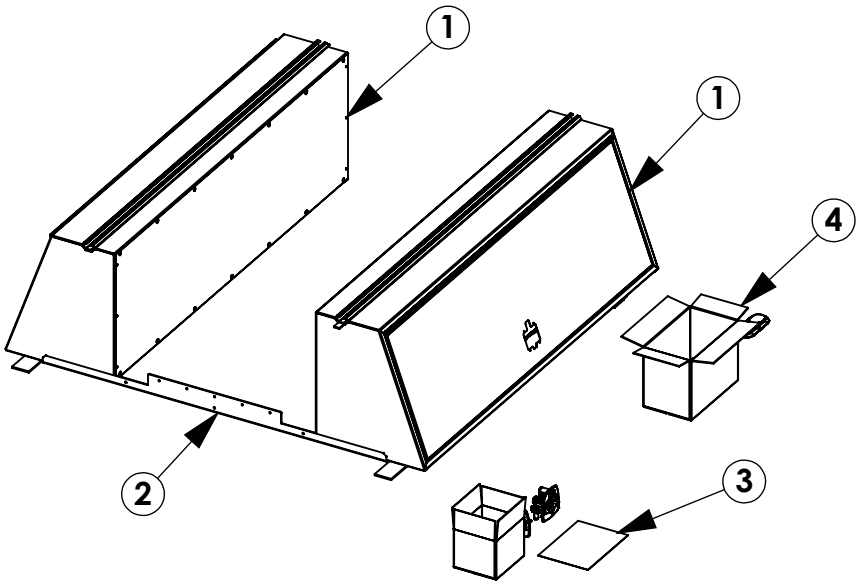
TSBX-8F1E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKF2	TSB FORD 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	KIT, TAILGATE CHMSL	1



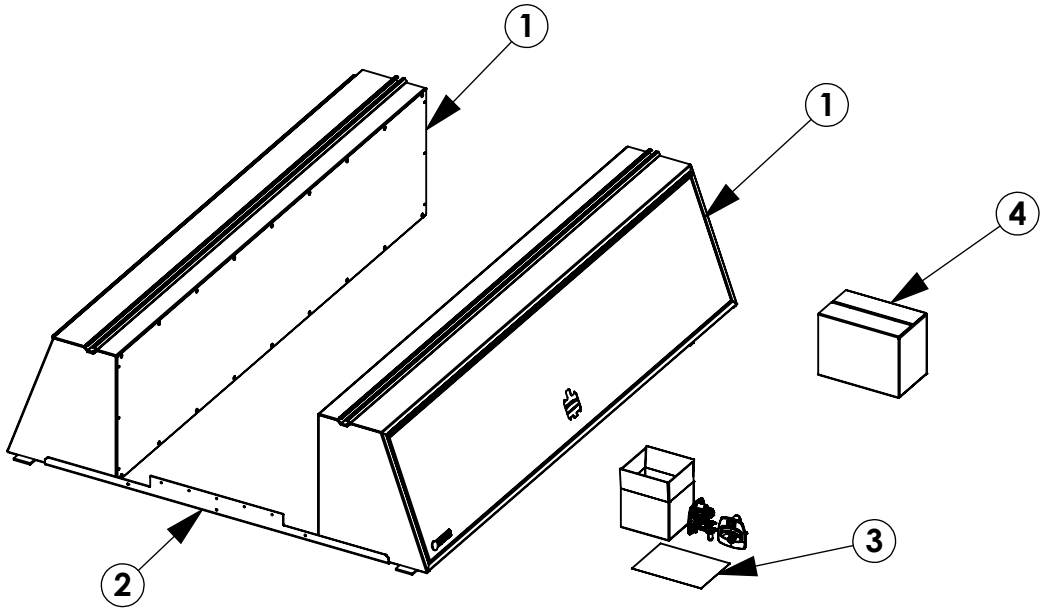
TOOLS NEEDED:
- **1/2 SOCKET**
- **1/2 WRENCH**
- **RIVET GUN**
- **STEP BIT**
- **DRILL**
- **3/8" DRILL BIT**
- **1/2" DRILL BIT**
- **9/16" WRENCH**
- **9/16" SOCKET**

INSTR. NUMBER : 83171	PG: 2	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6F1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6F1	TSBX FORD F-150 6' CAB GUARD/BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1

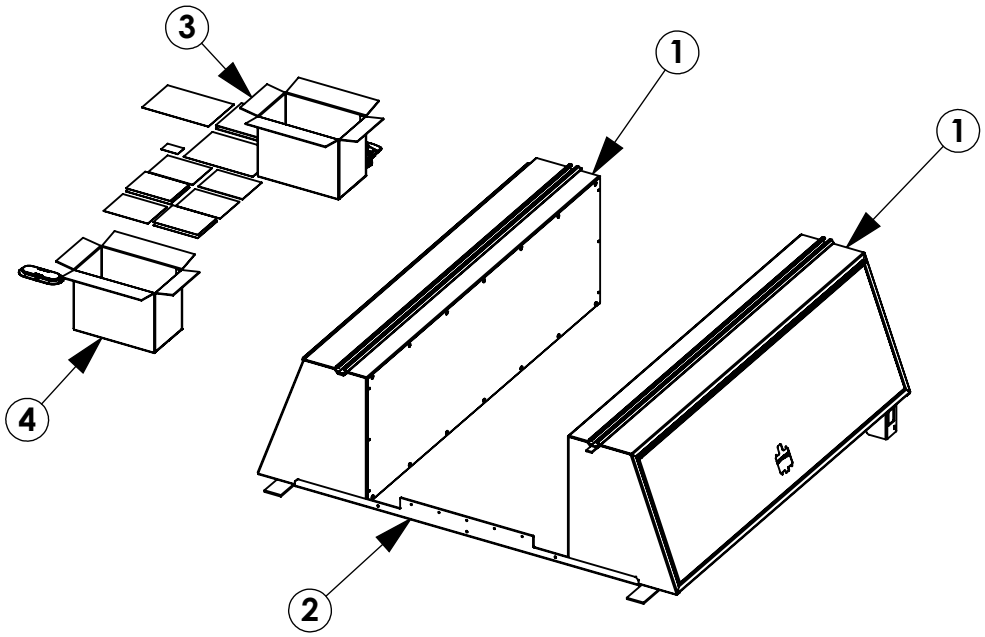


TSBX-8F1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKF2	TSB FORD 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	KIT, TAILGATE CHMSL	1

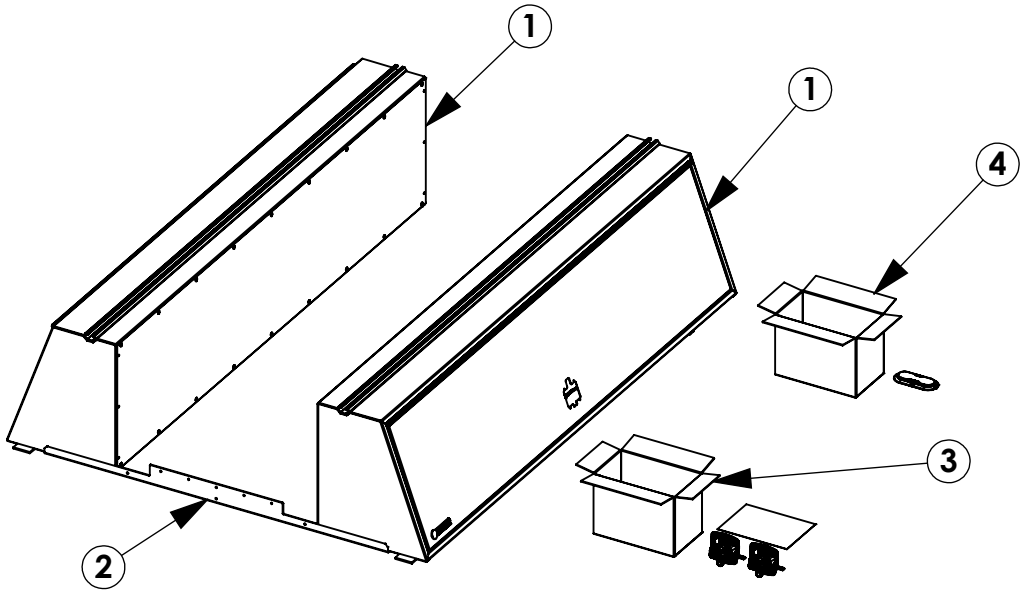


INSTR. NUMBER : 83171	PG: 3	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6F2E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6F2	TSBX, RAM 6' CAB BRK KIT	1
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1

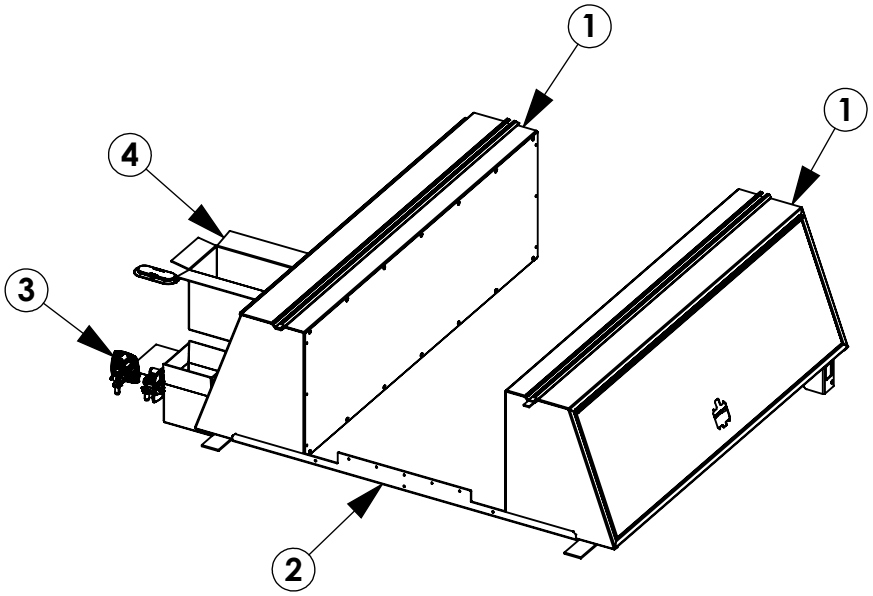


TSBX-8F2E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKF2	TSB FORD 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	CHMSL KIT TSBX	1

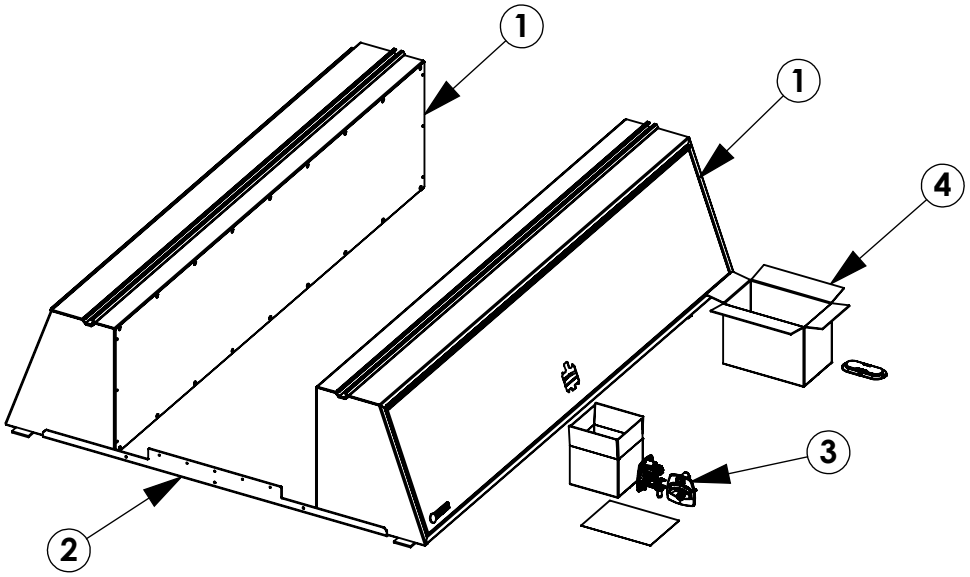


INSTR. NUMBER : 83171	PG: 4	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6F2M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6F2	TSBX, RAM 6' CAB BRK KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1



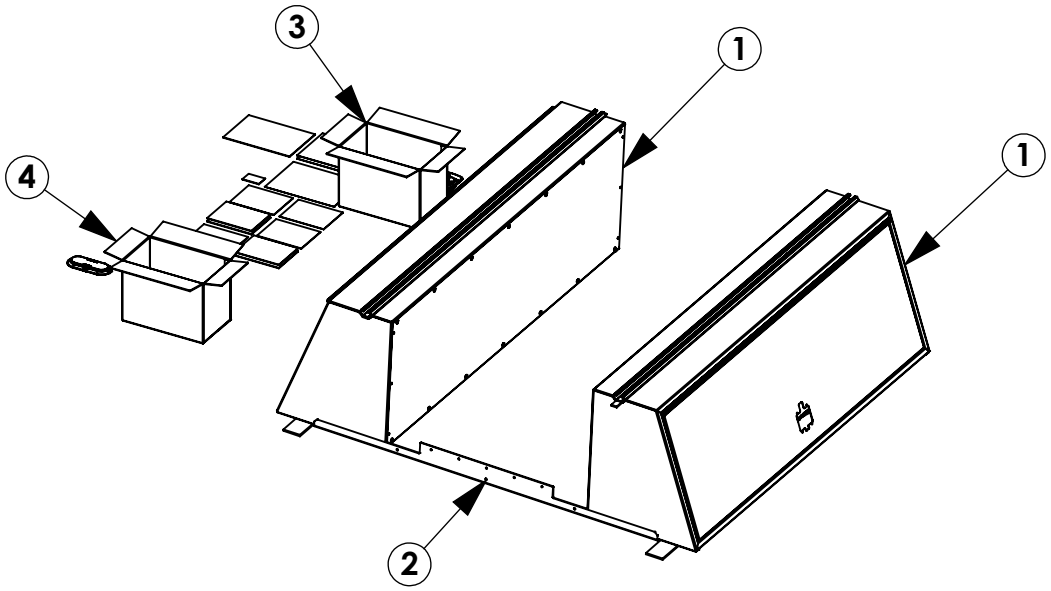
TSBX-8F2M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKF2	TSB FORD 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1



INSTR. NUMBER : 83171	PG: 5	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

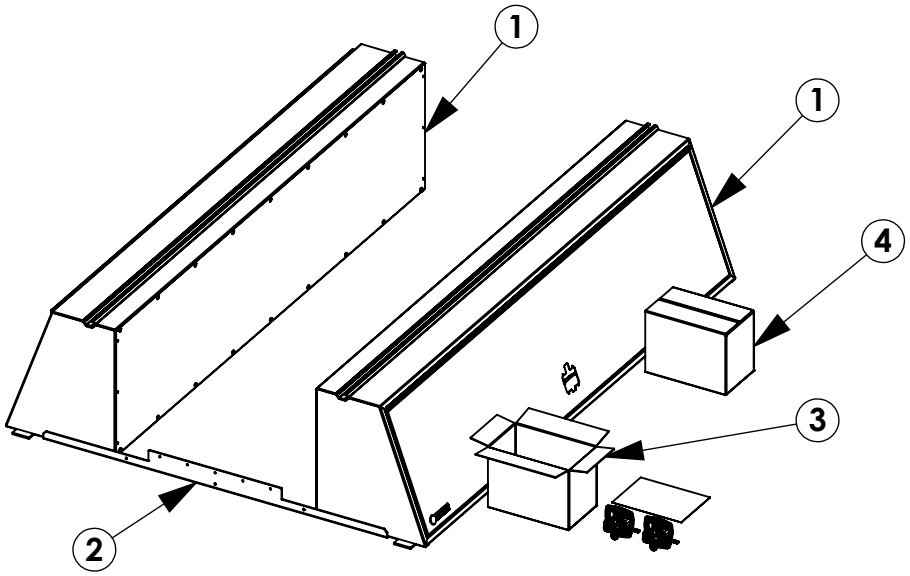
TSBX-6G1E-NG

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6G1	TSBX, RAM 6' CAB BRK KIT	1
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1



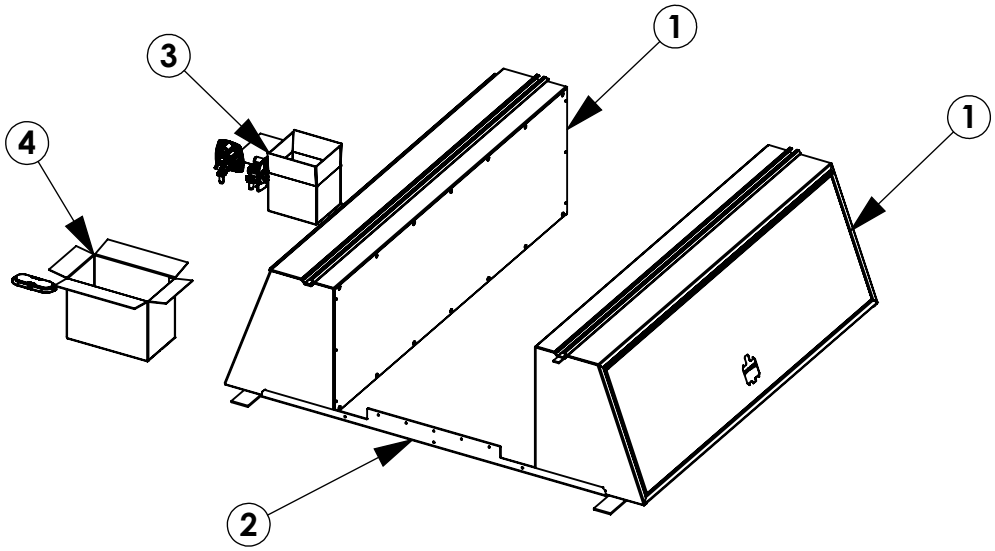
TSBX-8G1E-NG

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKG2	TSBX, GM 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	KIT, TAILGATE CHMSL	1

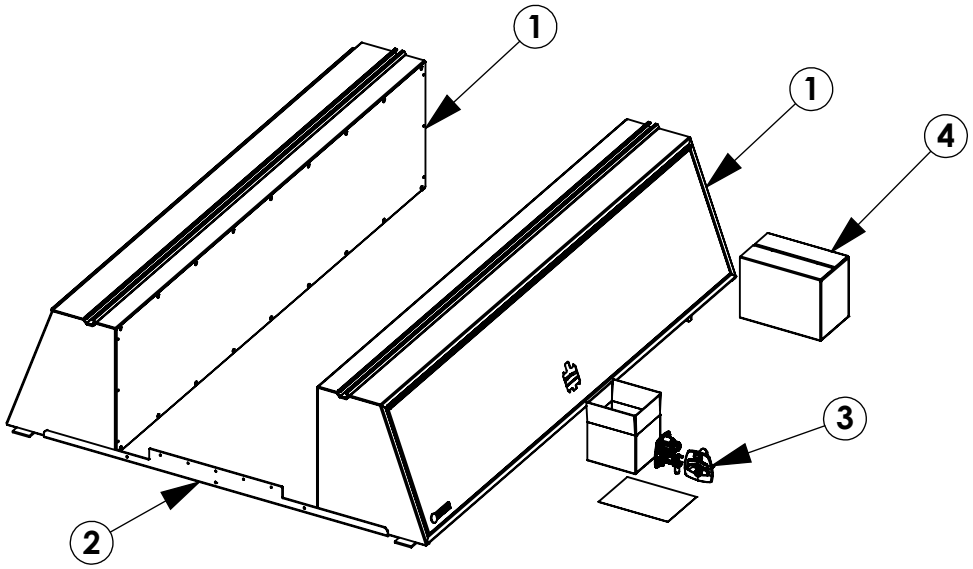


INSTR. NUMBER : 83171	PG: 6	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6G1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6G1	TSBX, RAM 6' CAB BRK KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1

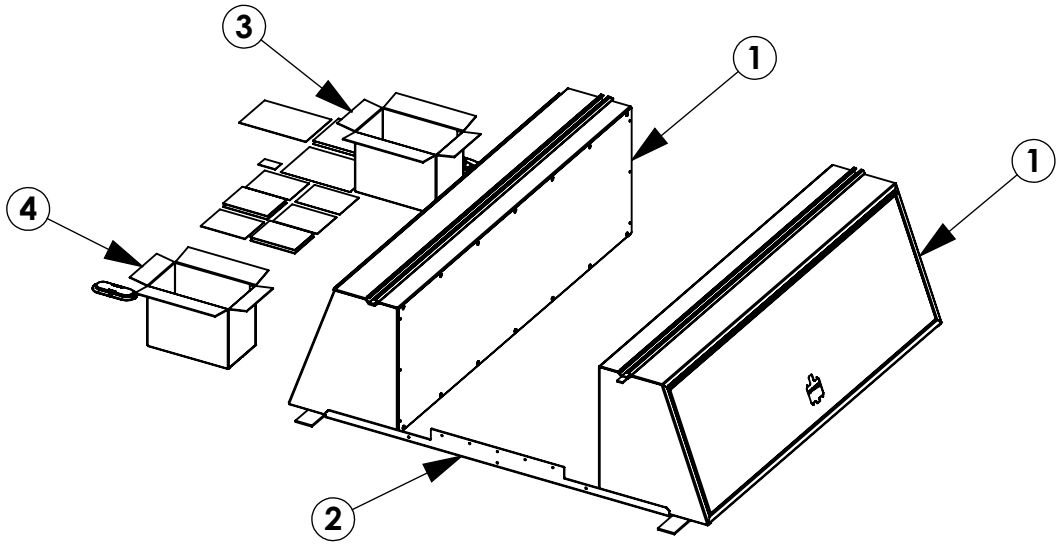


TSBX-8G1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKG2	TSBX, GM 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	KIT, TAILGATE CHMSL	1

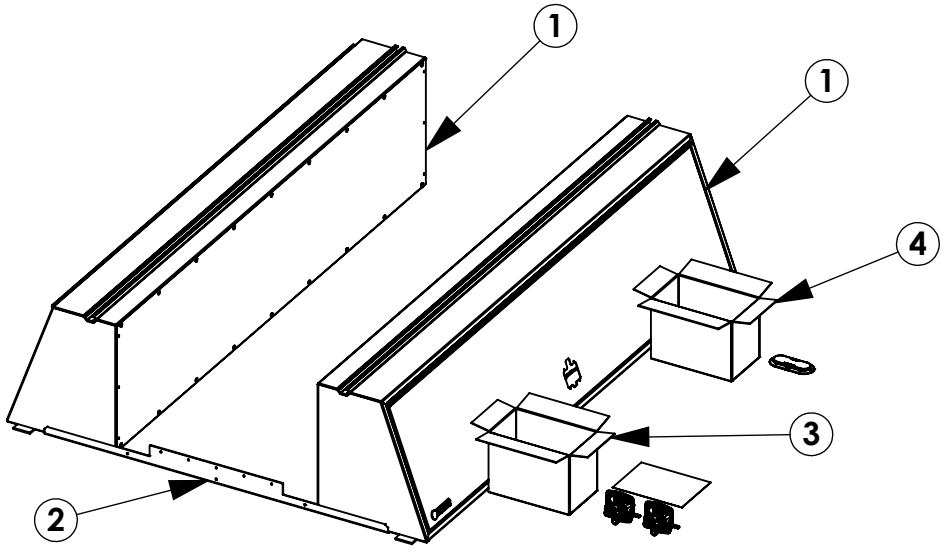


INSTR. NUMBER : 83171	PG: 7	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6G2E-NE			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6G2	TSBX, RAM 6' CAB BRK KIT	1
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1

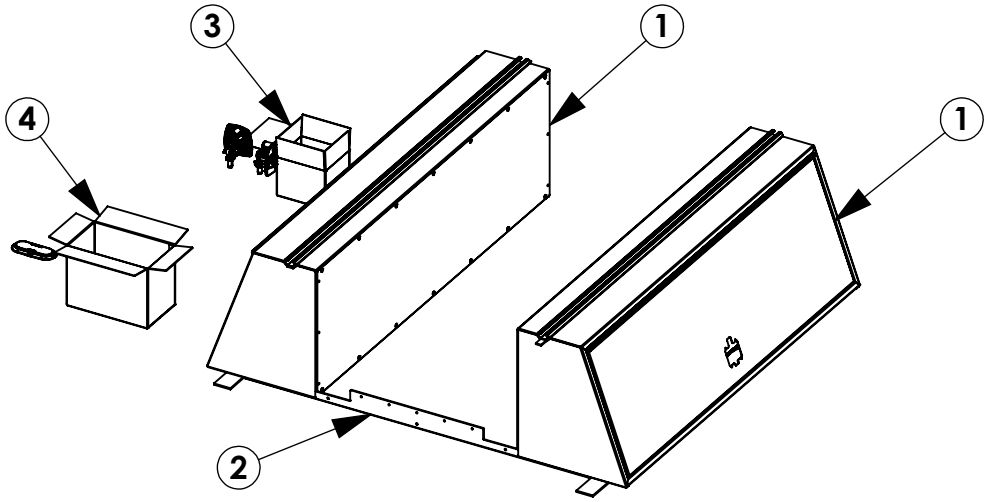


TSBX-8G2E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKG2	TSBX, GM 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	CHMSL KIT TSBX	1

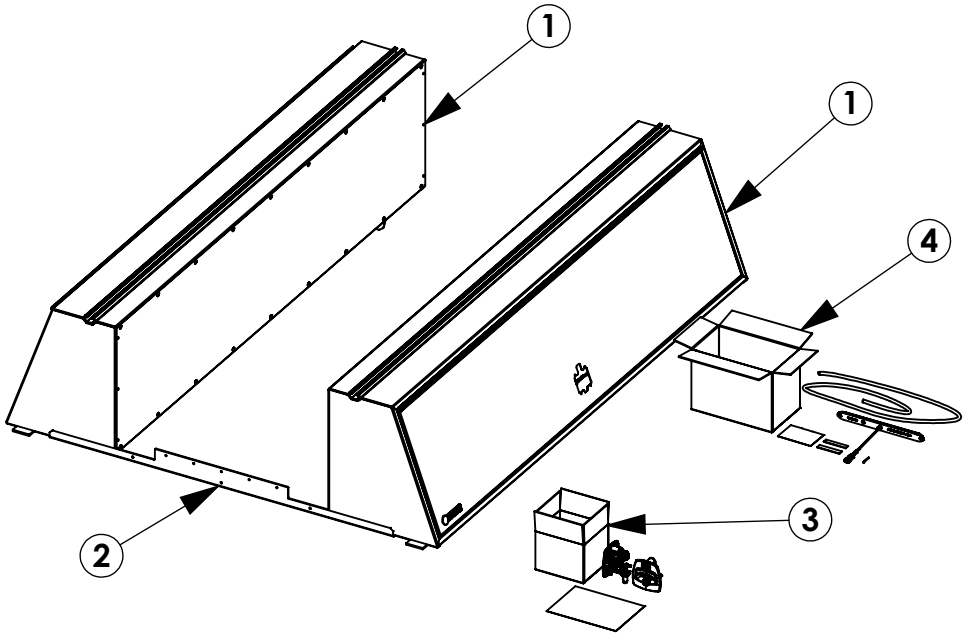


INSTR. NUMBER : 83171	PG: 8	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6G2M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6G2	TSBX, RAM 6' CAB BRK KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1

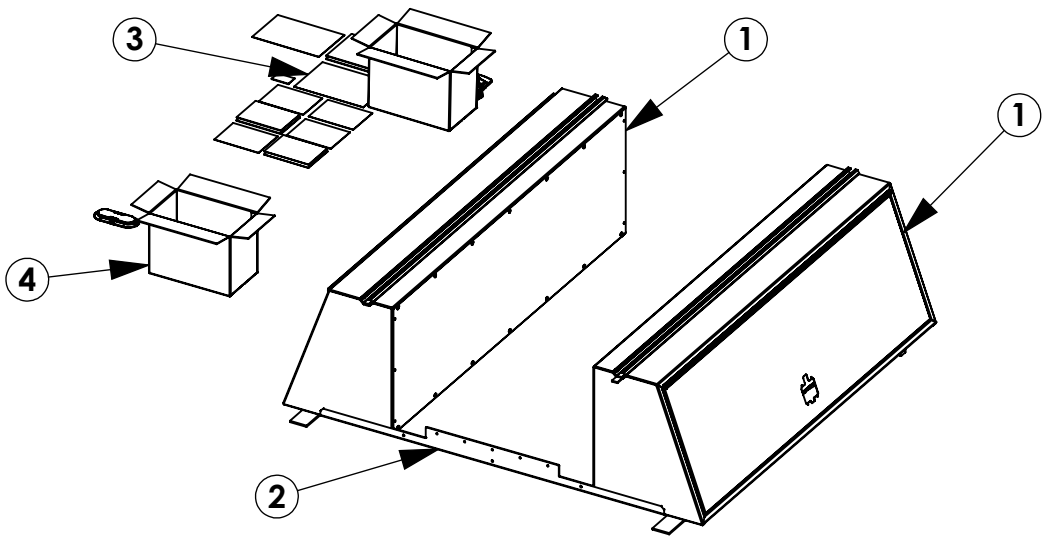


TSBX-8G2M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKG2	TSBX, GM 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	KIT, TAILGATE CHMSL	1

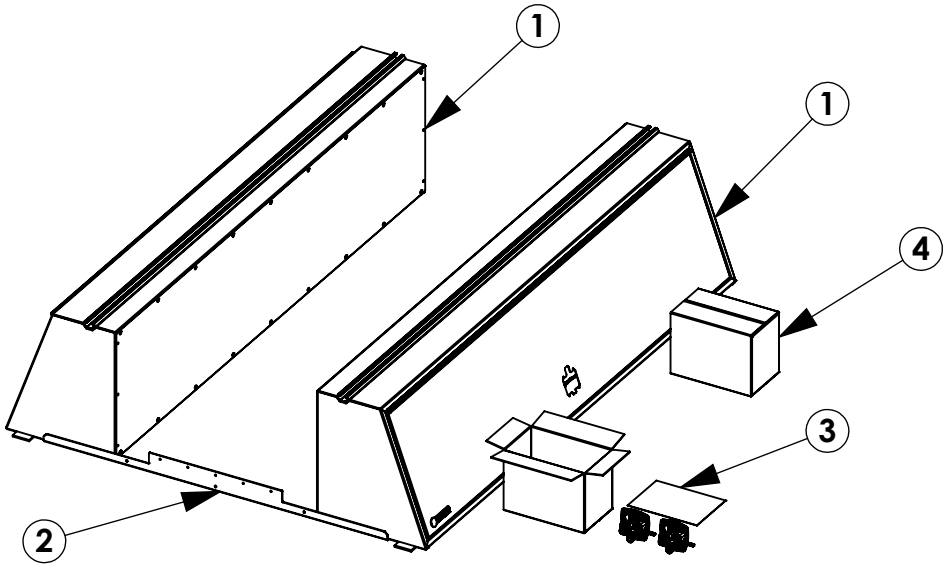


INSTR. NUMBER : 83171	PG: 9	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6R1E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6R1	TSBX, RAM 6' CAB BRK KIT	1
3	81246	KIT,TOPSIDER,6FT,FULL	1
4	81248	CHMSL KIT TSBX	1

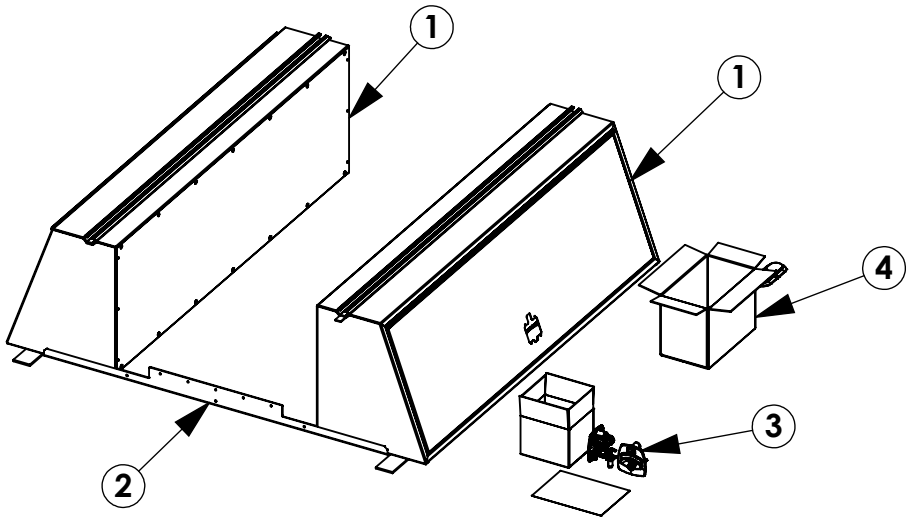


TSBX-8R1E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKR2	TSBX, RAM 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	KIT, TAILGATE CHMSL	1

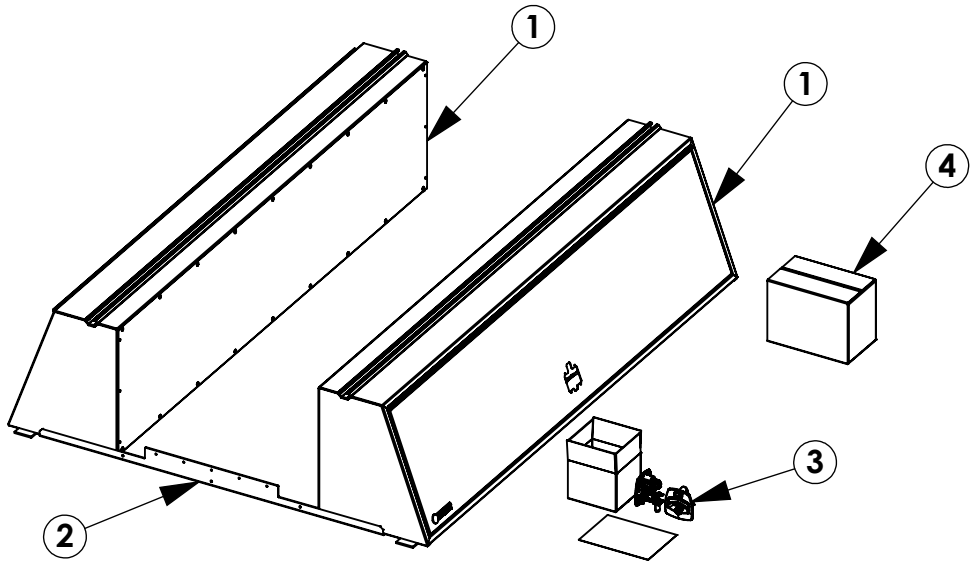


INSTR. NUMBER : 83171	PG: 10	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-6R1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX6	TOP SIDE BOX, 6' ASSEMBLY	2
2	TS-BK6R1	TSBX, RAM 6' CAB BRK KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1

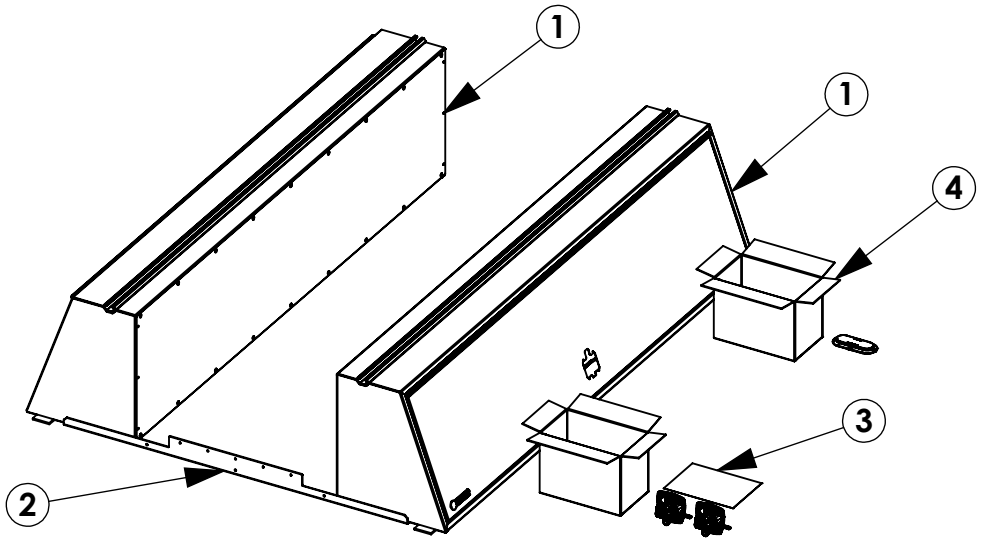


TSBX-8R1M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKR2	TSBX, RAM 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	KIT, TAILGATE CHMSL	1

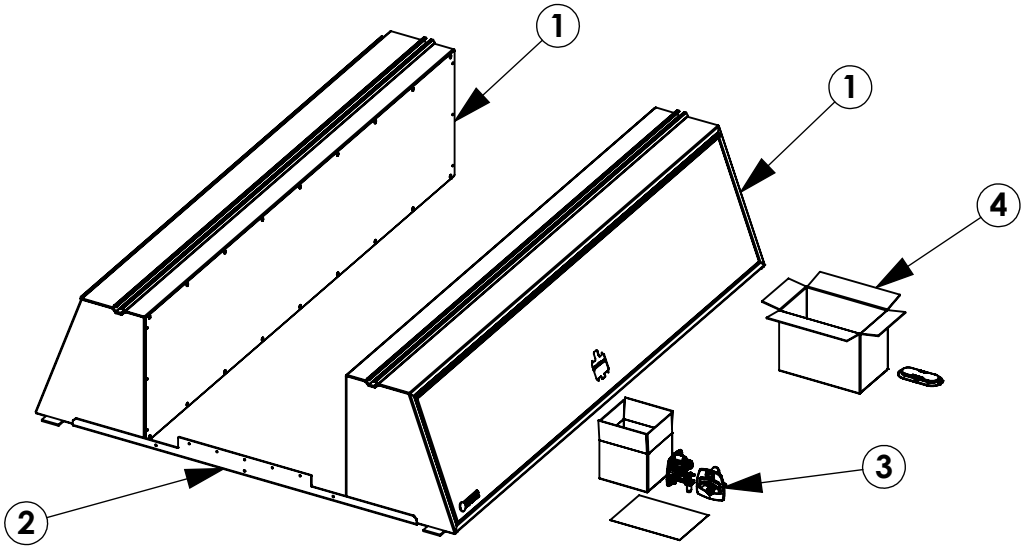


INSTR. NUMBER : 83171	PG: 11	REV: A
PART NUMBER : SEE BOM		
PART DESC. : TSBX KIT WITHOUT GUARD		

TSBX-8R2E-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKR2	TSBX, RAM 8' BED BRKT KIT	1
3	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
4	81248	CHMSL KIT TSBX	1



TSBX-8R2M-NG			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TS-BOX8	TOP SIDE BOX, 8' ASSEMBLY	2
2	TS-BKR2	TSBX, RAM 8' BED BRKT KIT	1
3	TMLHK2	TSBX MECHANICAL LOCK HATCH KIT	1
4	81248	CHMSL KIT TSBX	1



BEST PRACTICES

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).

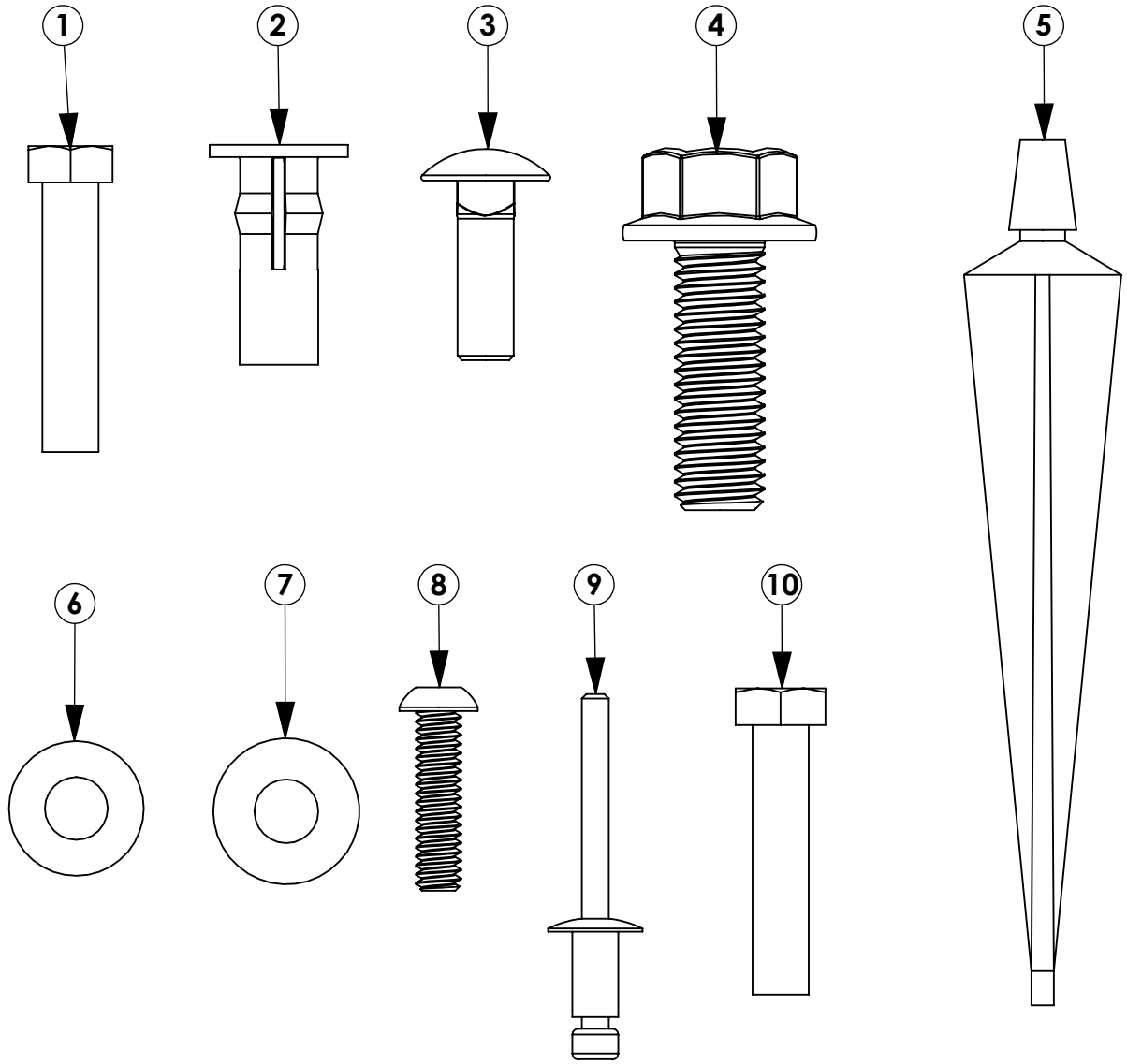
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

BAG REFERENCE: **BAG80398**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0092	SCREW, HEX HD, 5/16-18X1.50 ZN PLATE, G8	4
2	FAS0091	PLUSNUT, 5/16	4
3	FAS0398	BOLT,CRG 5/16-18X1.0 SS	8
4	FAS1025	HHCS FLNG 1/2"-13, 1-1/2" 18-8 SS	2
5	26618-0	SILICONE SEALANT	1
6	FAS0552	WASHER, FLAT, 5/16, SST	8
7	FAS0688	EPDM WASHER	8
8	FAS0940	SCREW, BHTX 1/4-20X1 SS NP	9
9	FAS0584 UNCRIMPED	RIVET, BLIND, DOMEHEAD, 1/4 X .25 GRIP	12
10	FAS0242	SCREW, HEX HD, 5/16-18X1.50 STAINLESS STEEL	10



CONTINUE ON NEXT FASTENER PAGE

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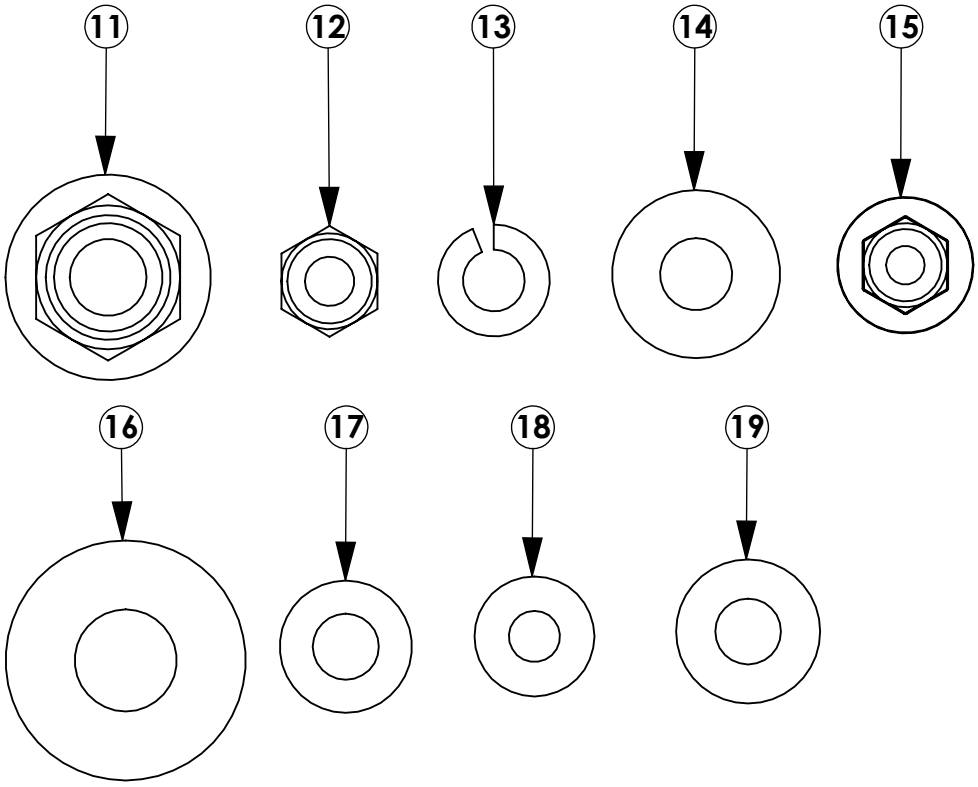
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

BAG REFERENCE: **BAG80398**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
11	FAS1026	NUT, HEX NLK FLG 1/2-13 SS	2
12	FAS0248	NUT, NYLON INSERT LOCK, 5/16-18 SST	18
13	FAS0098	WASHER, LOCK, SPLIT, 5/16, ZINC PLATE	4
14	FAS0086	WASHER,FLAT USS 5/16 ZP	4
15	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	9
16	FAS0334	WASHER,FLAT 1/2 SS	2
17	FAS0245	WASHER, FLAT, 5/16 HRD, ZN	20
18	FAS0234	WASHER, FLAT, 1/4, SST	9
19	FAS0164	WASHER,FLAT,SAE,5/16,ALUM	10



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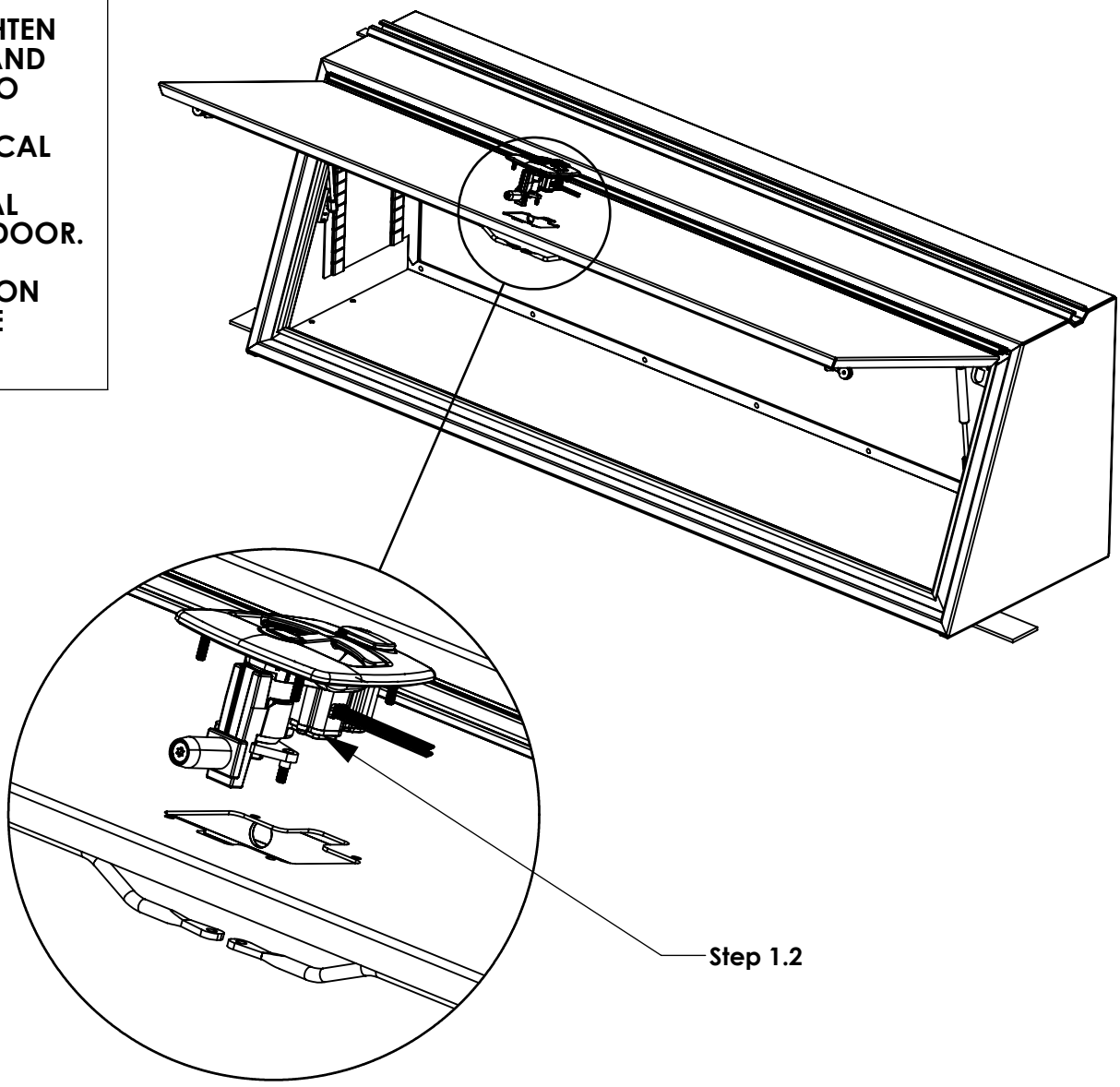
STEP 1 - DETERMIN WHICH BOX WILL BE THE PS AND DS SIDE - THESE BOXES WILL SHIP FROM ASC SYMETRICAL

Step 1.1
IDENTIFY WHAT SIDE OF THE BOX WILL BE FACING FORWARD AND REARWARD ON THE VEHICLE.

Step 1.2
FULLY TIGHTEN FAS0000 AND FAS0000 TO SECURE MECHANICAL AND ELECTRICAL LOCK TO DOOR. SEE LATCH INSTRUCTION FOR MORE DETAIL



STEP 2.1 - PREP BED (F-150)

Step 2.1.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARTS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

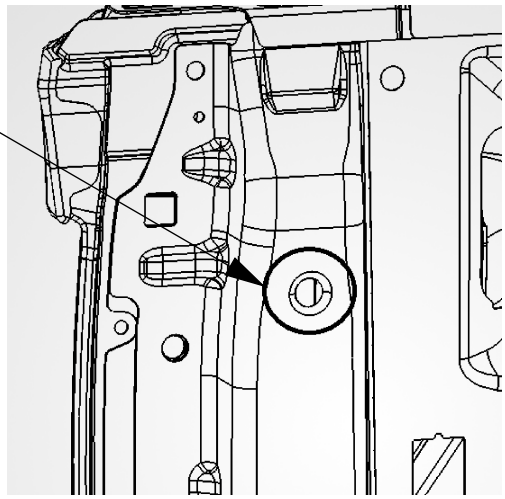
Step 2.1.2
REMOVE THE TAIL LIGHTS TO GAIN ACESS TO MOUNTING HOLE SHOWN.

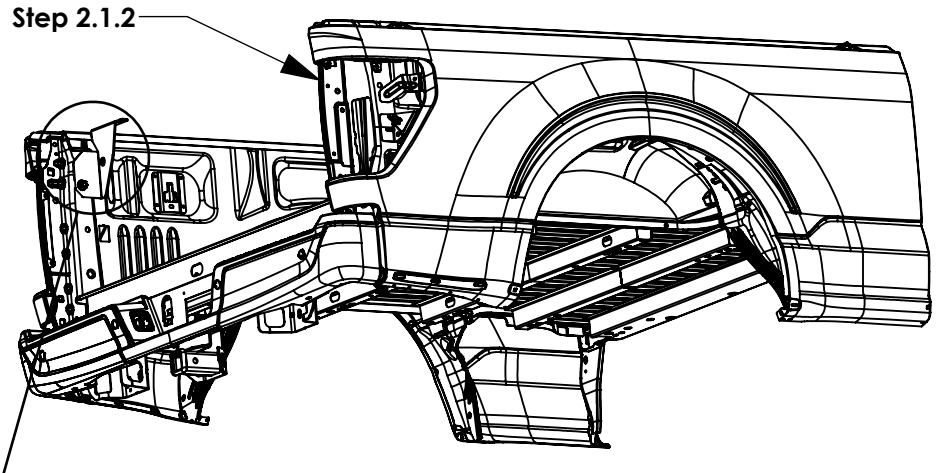
DO NOT REINSTALL TAIL LIGHT UNTIL END OF INSTALL

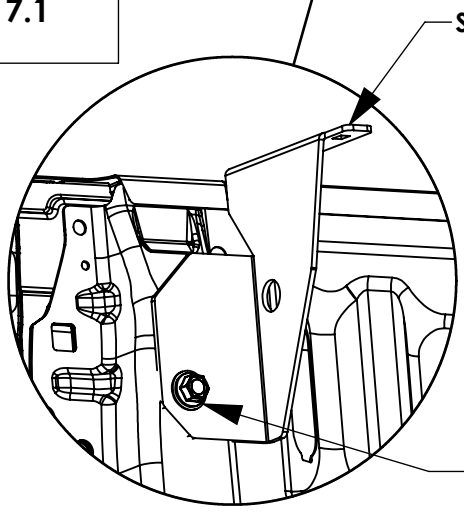
Step 2.1.3
INSTALL REAR BRACKETS. HAND TIGHTEN (4)FAS0092, (4)FAS0098, (4)FAS0086

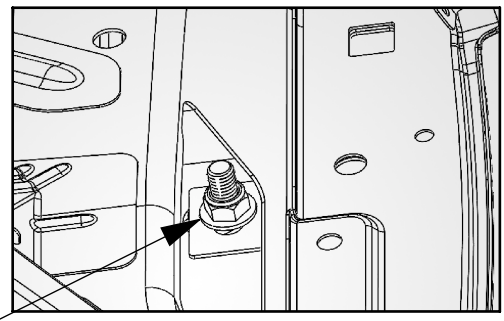
1/2 WRENCH
1/2 SOCKET

FULLY TIGHTEN AFTER STEP 7.1









VIEW FROM INSIDE TAIL LIGHT

STEP 2.2 - PREP BED (F-250)

Step 2.2.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

Step 2.2.2
ALIGN UPPER HOLE ON BED BRACKET TO OEM HOLE IN F-250 BED,

MARK BOTTOM HOLE.

DRILL OUT OEM HOLE TO 1/2"

DRILL MARKED HOLE TO 1/2"

1/2" DRILL BIT
DRILL

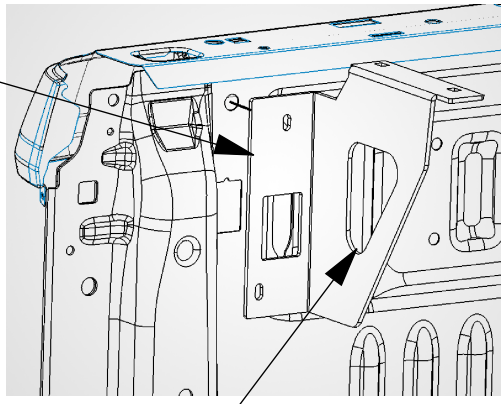
Step 2.2.3
SET (4)FAS0091 INTO DRILL HOLES

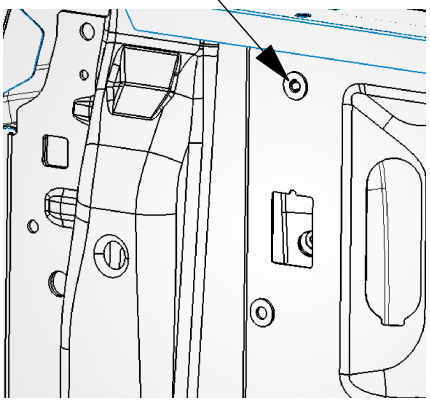
PLUSNUT TOOL

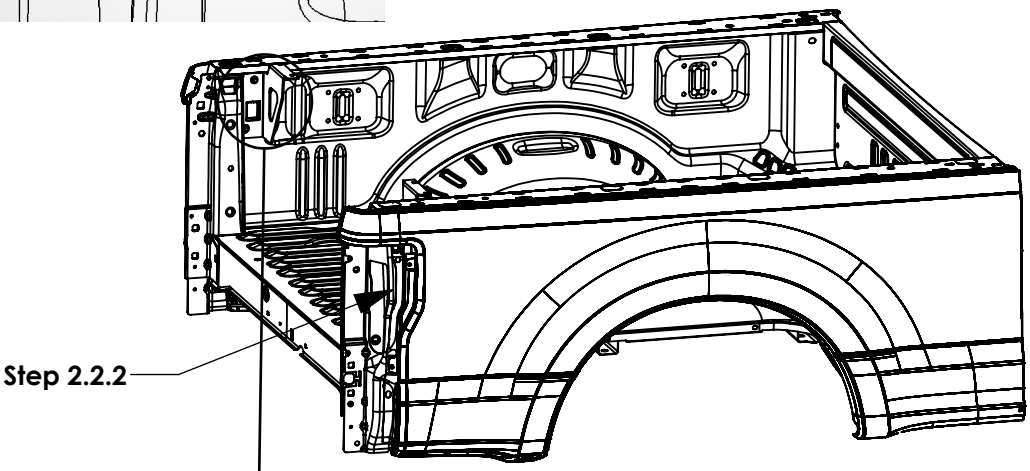
Step 2.2.4
INSTALL REAR BRACKETS. HAND TIGHTEN (4)FAS0092, (4)FAS0098, (4)FAS0086

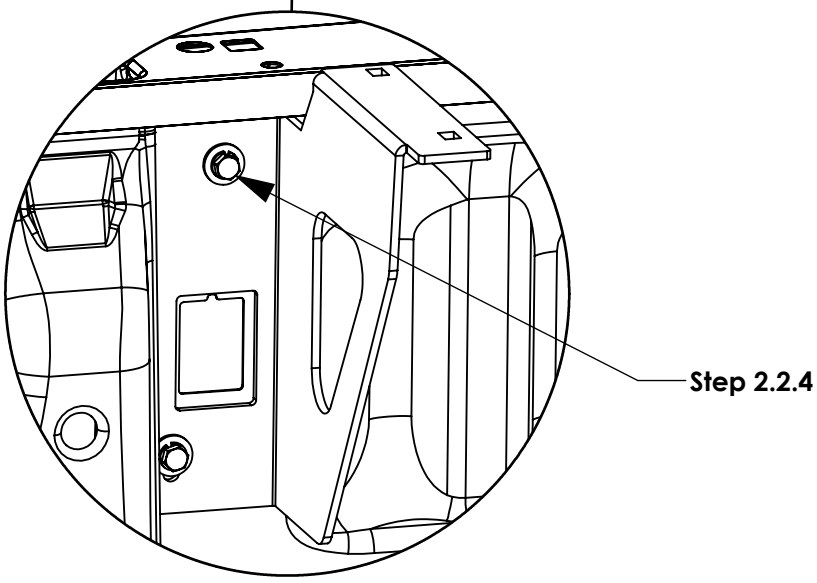
1/2 WRENCH
1/2 SOCKET

FULLY TIGHTEN AFTER STEP 7.1









STEP 2.3 - PREP BED (RAM 6 FT)

Step 2.3.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

Step 2.3.2
FOR RAM VEHICLE, ALIGN HOLE ON BRACKET TO HOLEIN RAM BED DRILL OUT OEM HOLE TO 1/2"

1/2" DRILL BIT
DRILL

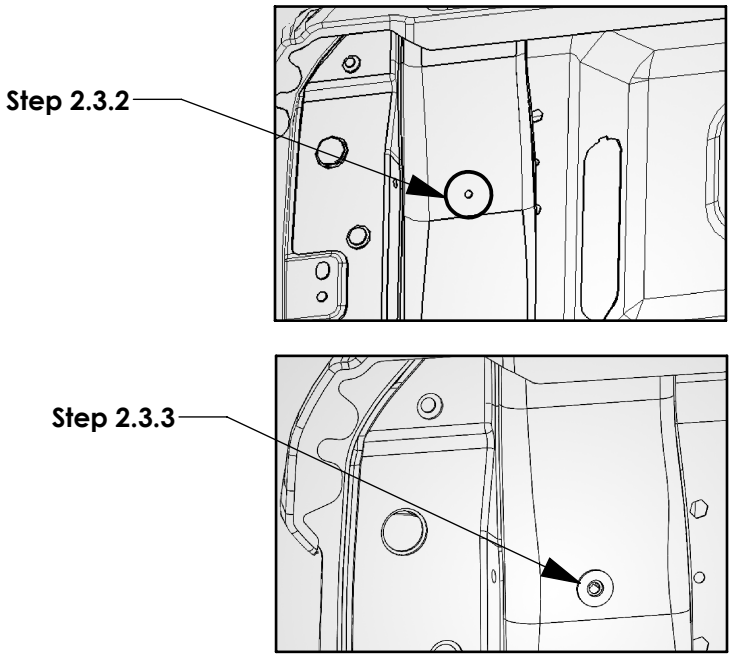
Step 2.3.3
SET (4)FAS0091 INTO DRILLED OUT HOLES

PLUSNUT TOOL

Step 2.3.4
INSTALL REAR BRACKETS. HAND TIGHTEN AND FULLY TIGHTEN AT END OF INSTALL PRIOR TO REINSTALLING TAIL LIGHT,

FULLY TIGHTEN AFTER STEP X.X
(2)FAS1025,
(2)FAS1026
(2)FAS0334

1/2 WRENCH
1/2 SOCKET



STEP 2.4 - PREP BED (RAM 8 FT)

Step 2.4.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

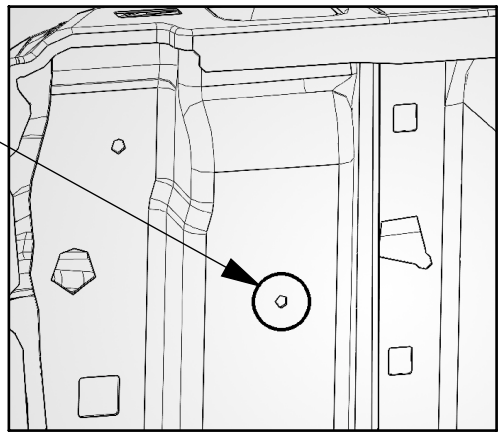
Step 2.4.2
FOR RAM VEHICLE, REMOVE TAIL LIGHT TO GAIN ACESS TO MOUNTING HOLES SHOWN

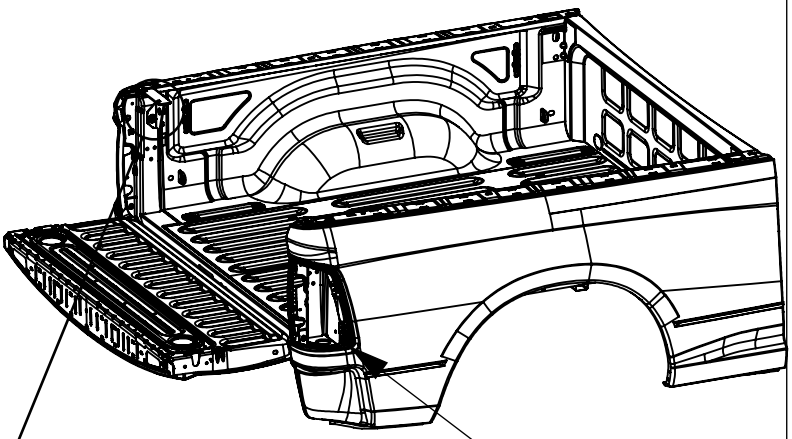
Step 2.4.3
IDENTIFY OEM HOLE AT REAR OF BED (CIRCLED ABOVE) DRILL OUT TO .565" DIA HOLE USING A STEP BIT ON BOTH SIDES OF BED

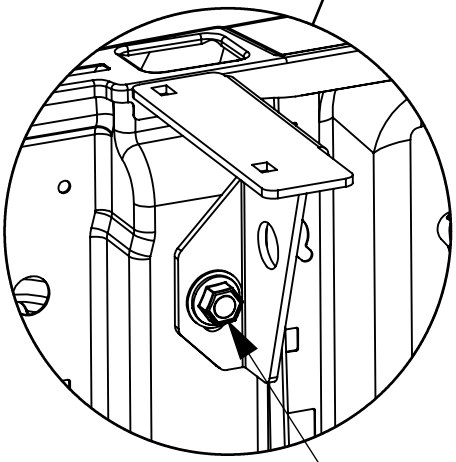
Step 2.4.4
INSTALL REAR BRACKETS. HAND TIGHTEN AND FULLY TIGHTEN AT END OF INSTALL PRIOR TO REINSTALLING TAIL LIGHT,

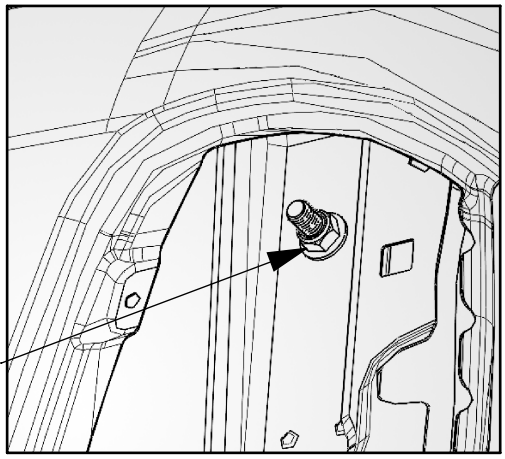
FULLY TIGHTEN AFTER STEP X.X
(2)FAS1025,
(2)FAS1026
(2)FAS0334

1/2 WRENCH
1/2 SOCKET









VIEW FROM INSIDE TAIL LIGHT

STEP 2.5 - PREP BED (GM 6FT)

Step 2.5.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

Step 2.5.2
FOR 1500, ALIGN LEFT HAND HOLE ON BED BRACKET TO HOLE IN GM1500 BED, MARK RIGHT HAND HOLE. DRILL OUT OEM HOLE TO 1/2". DRILL OUT 1/2" HOLE

FOR 2500, ALIGN LEFT HAND HOLE ON BED BRACKET TO HOLE IN GM1500 BED, MARK RIGHT HAND HOLE. DRILL OUT OEM HOLE TO 1/2". DRILL OUT 1/2" HOLE.

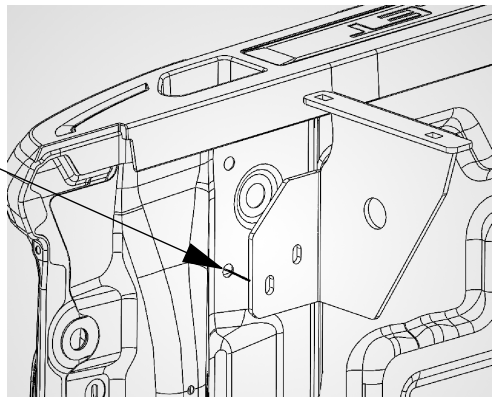
1/2" DRILL BIT
DRILL

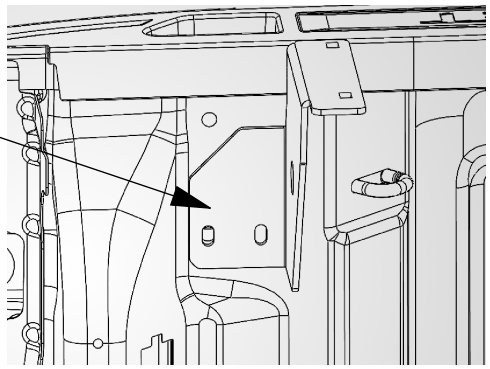
Step 2.5.3
SET (4)FAS0091 INTO HOLES

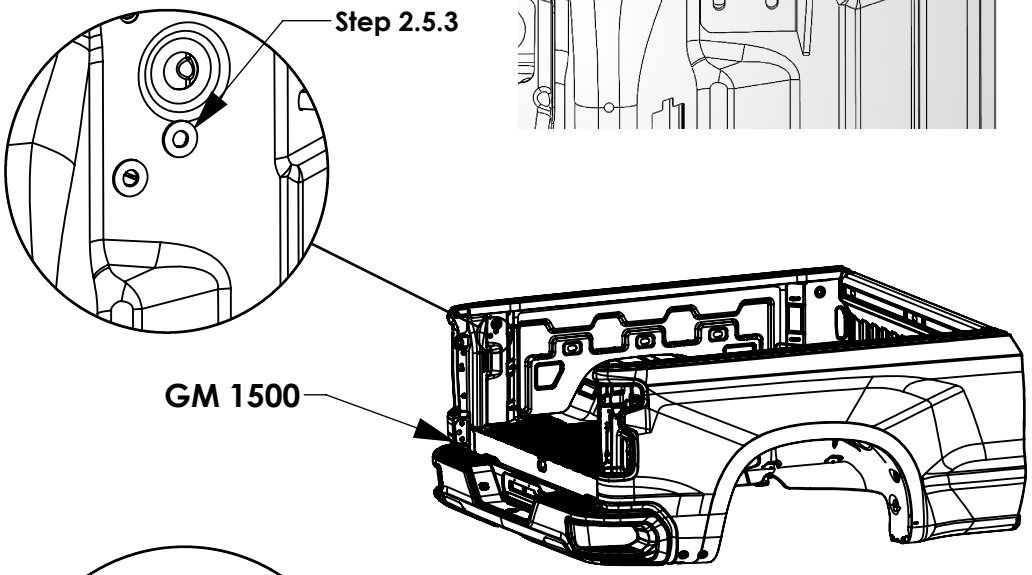
PLUSNUT TOOL

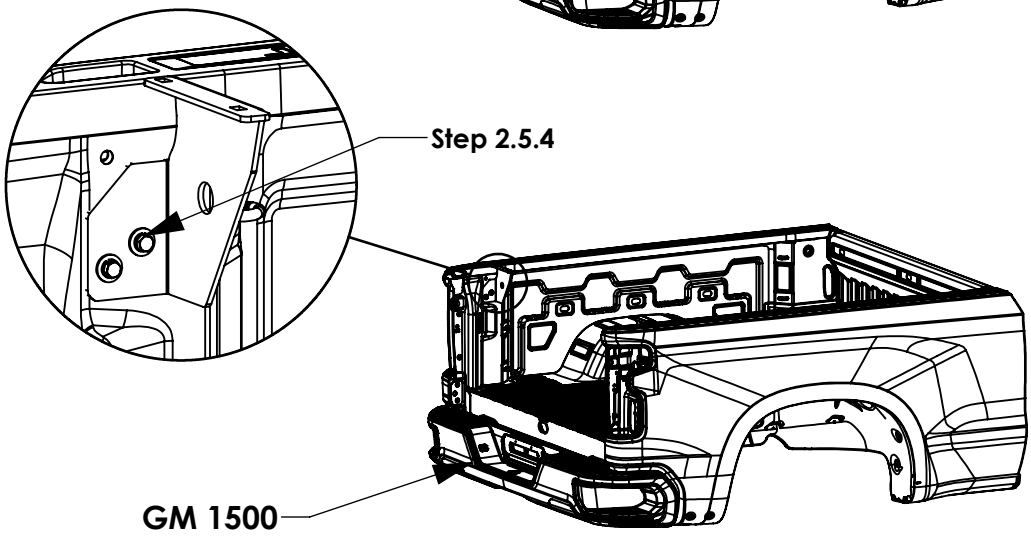
Step 2.5.4
INSTALL REAR BRACKETS HAND TIGHTEN (4)FAS0092, (4)FAS0098, (4)FAS0086, & (4)FAS0086

1/2 WRENCH
1/2 SOCKET









STEP 2.6 - PREP BED (GM 8FT)

Step 2.6.1
LOCATE THE BED SUPPORT BRACKETS IN TS-BK BOX, THESE ARE VEHICLE SPECIFIC.

MAKE SURE THE PARS YOU HAVE MATCH BOM FOR YOUR VEHICLE.

Step 2.6.2
FOR 1500, ALIGN TOP HOLE ON BED BRACKET WITH HOLE SHOWN ON REAR OF TRUCK BED, AND MARK CENTER OF LOWER SLOT.

DRILL OUT OEM HOLE TO 1/2". DRILL OUT 1/2" HOLE

FOR 2500, ALIGN BOTTOM HOLE ON BED BRACKET WITH BOTTOM HOLE SHOWN ON REAR OF TRUC BED. MARK CENTER OF TOP SLOT.

DRILL OUT OEM HOLE TO 1/2". DRILL OUT 1/2" HOLE.

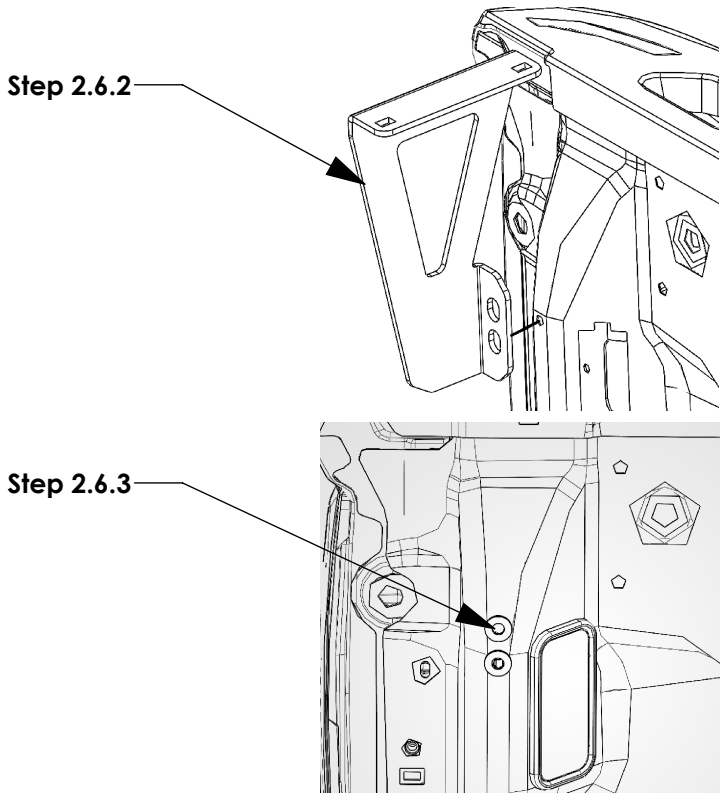
1/2" DRILL BIT
DRILL

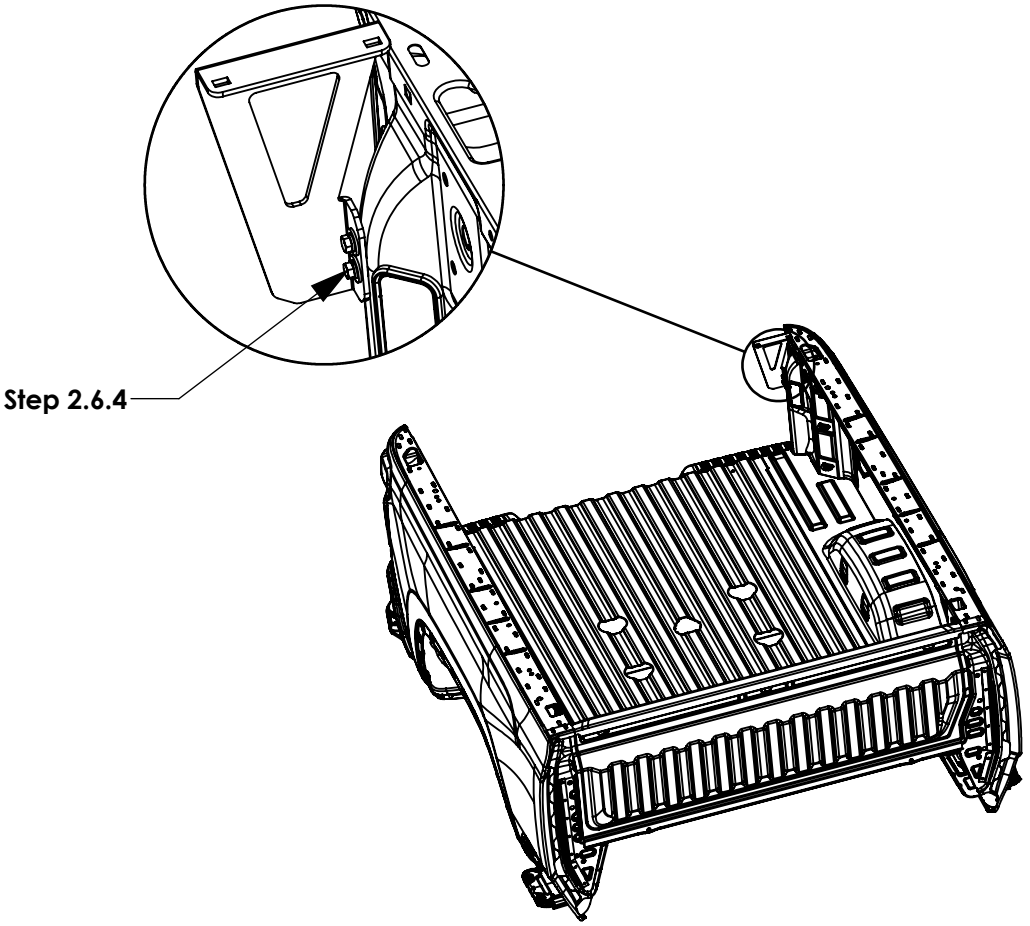
Step 2.6.3
SET (4)FAS0091 INTO HOLES

PLUSNUT TOOL

Step 2.6.4
INSTALL REAR BRACKETS HAND TIGHTEN (4)FAS0092, (4)FAS0098, & (4)FAS0086

1/2 WRENCH
1/2 SOCKET

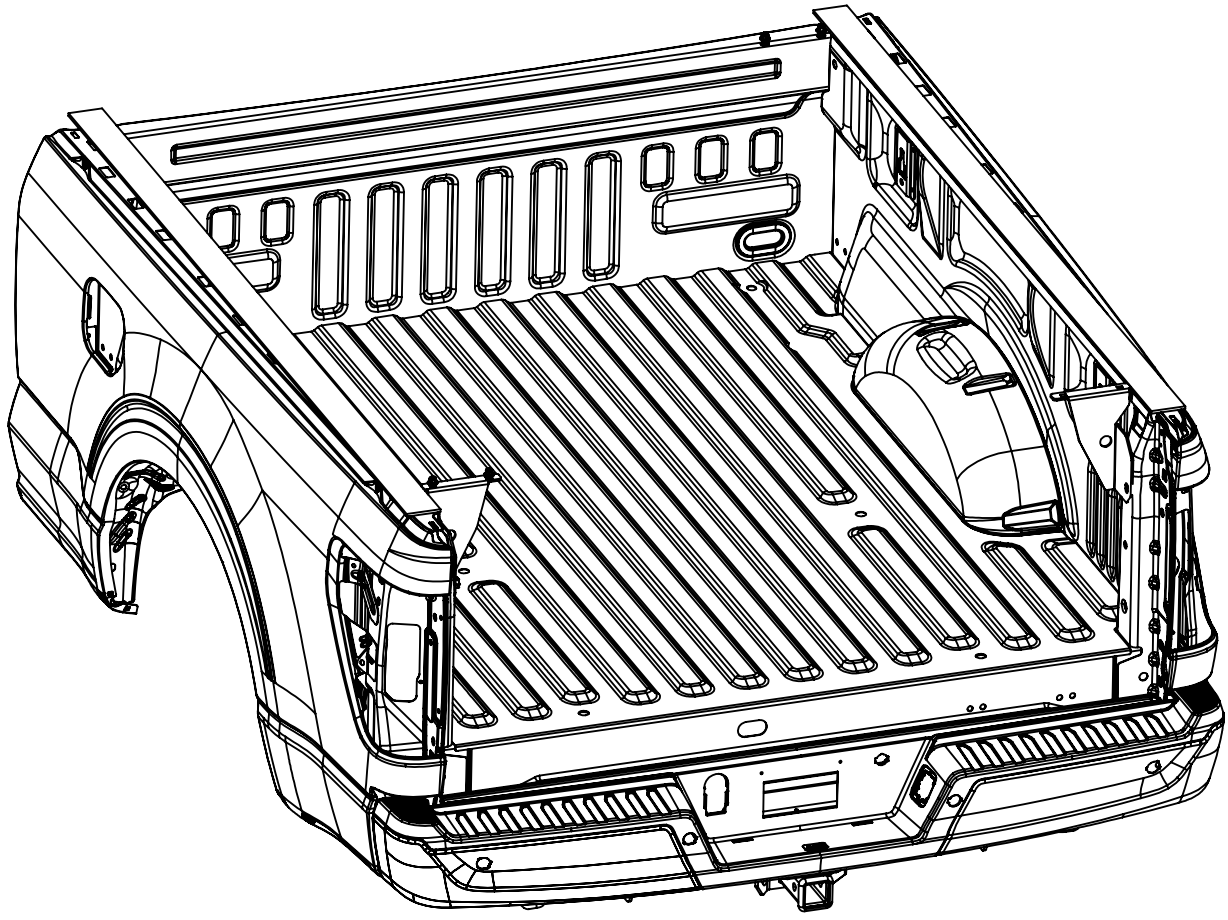




STEP 3 - PREP BED FOR FOAM STRIPS

Step 3.1
APPLY FOAM STRIPS 73632 ON BED RAIL (QTY 4 x FOR WHOLE BED-2 EACH SIDE) START FLUSH WITH THE END OF THE CAB SIDE OF THE BED RAIL.

DO NOT TRIL EXCESS UNTIL FULLY INSTALLED.



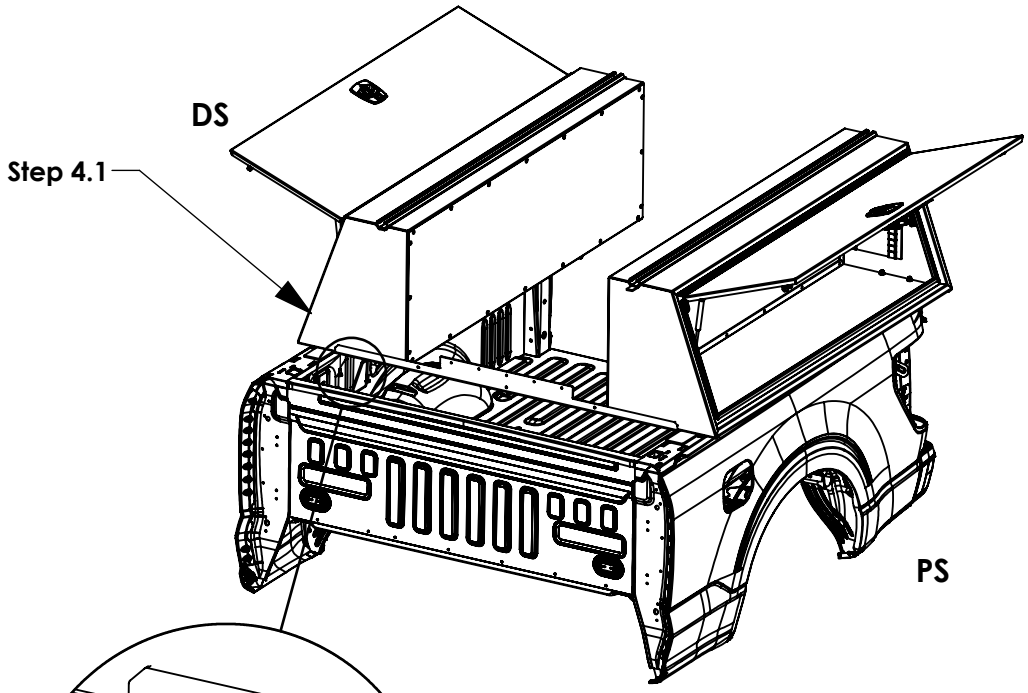
STEP 4 - PLACE BOXES ON BED SO IT OVERHANG THE TAILGATE BY 2-3 FEET - ATTACH BOXES WITH FRONT RAIL SUPPORT

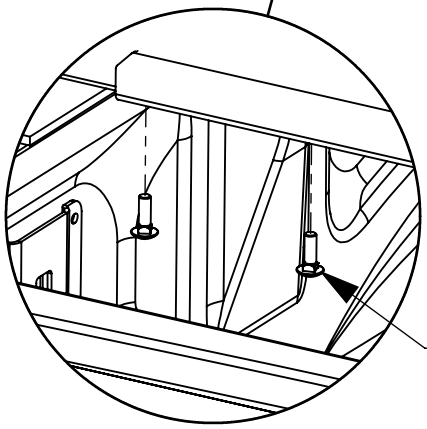
Step 4.1
PLACE BOXES ON BED AS SHOWN, ALIGN 79950-B TO THE BOTTOM OF BOTH BOXES ON THE CAB SIDE OF THE VEHICLE

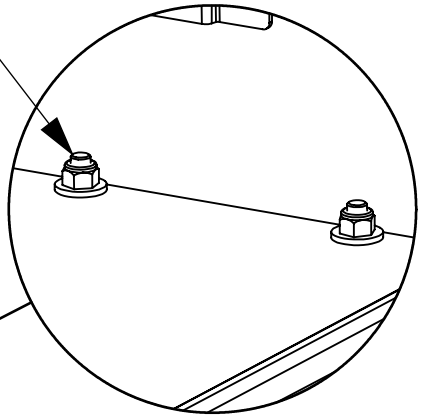
Step 4.2
LOOSELY ASSEMBLE UNTIL STEP 6, HAND TIGHTEN (4)FAS0398, (4)FAS0248, & (4)FAS0688

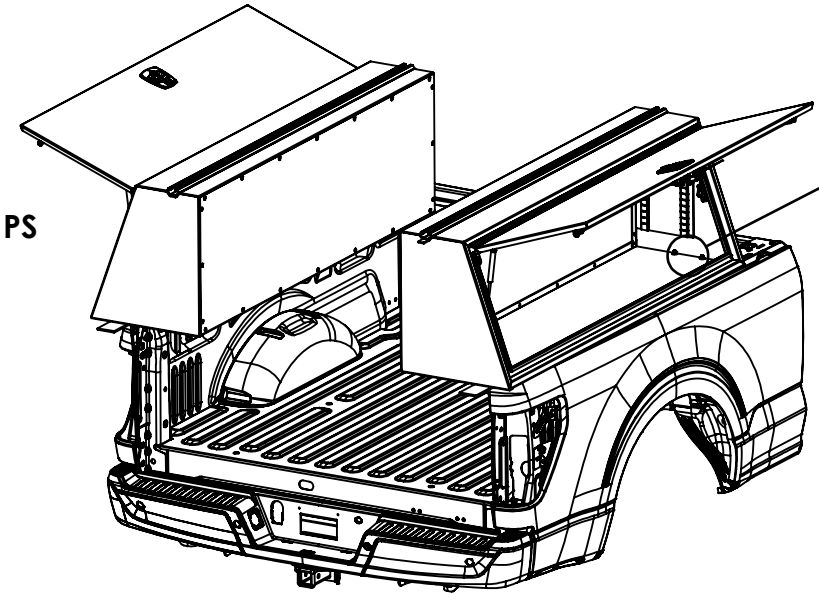
1/2 WRENCH
1/2 SOCKET

FULLY TIGHTEN AFTER Step 7.1



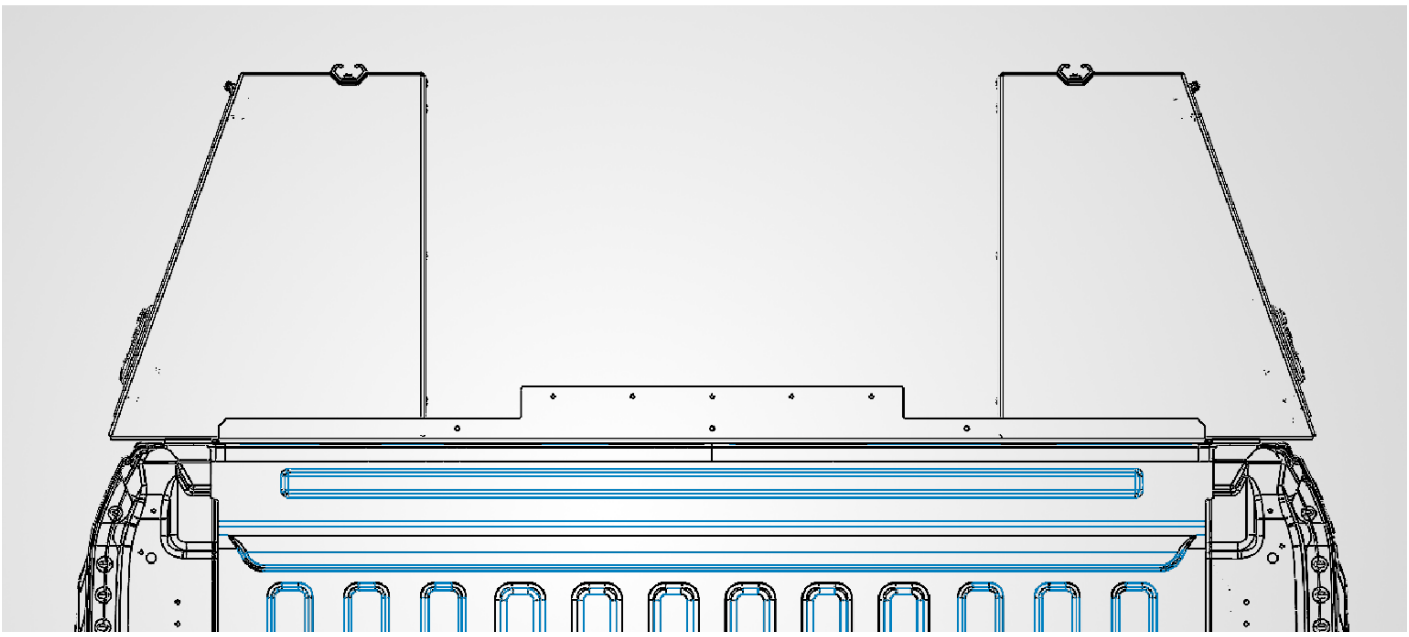


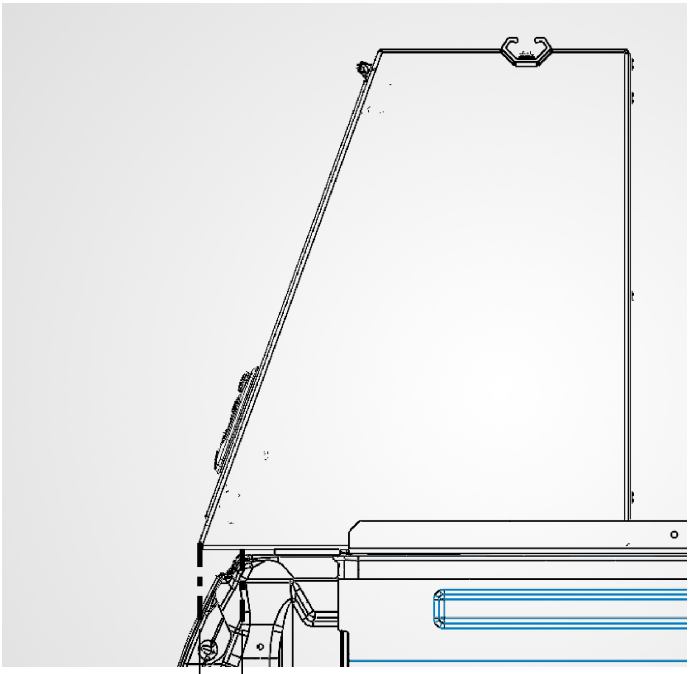




CHECK THAT THE BOXES ARE CENTERED ON VEHICLE

STEP 5 - MEASURE DISTANCE FROM BED RAIL AT CURB SIDE AND ENSURE BOTH SIDES ARE EQUAL



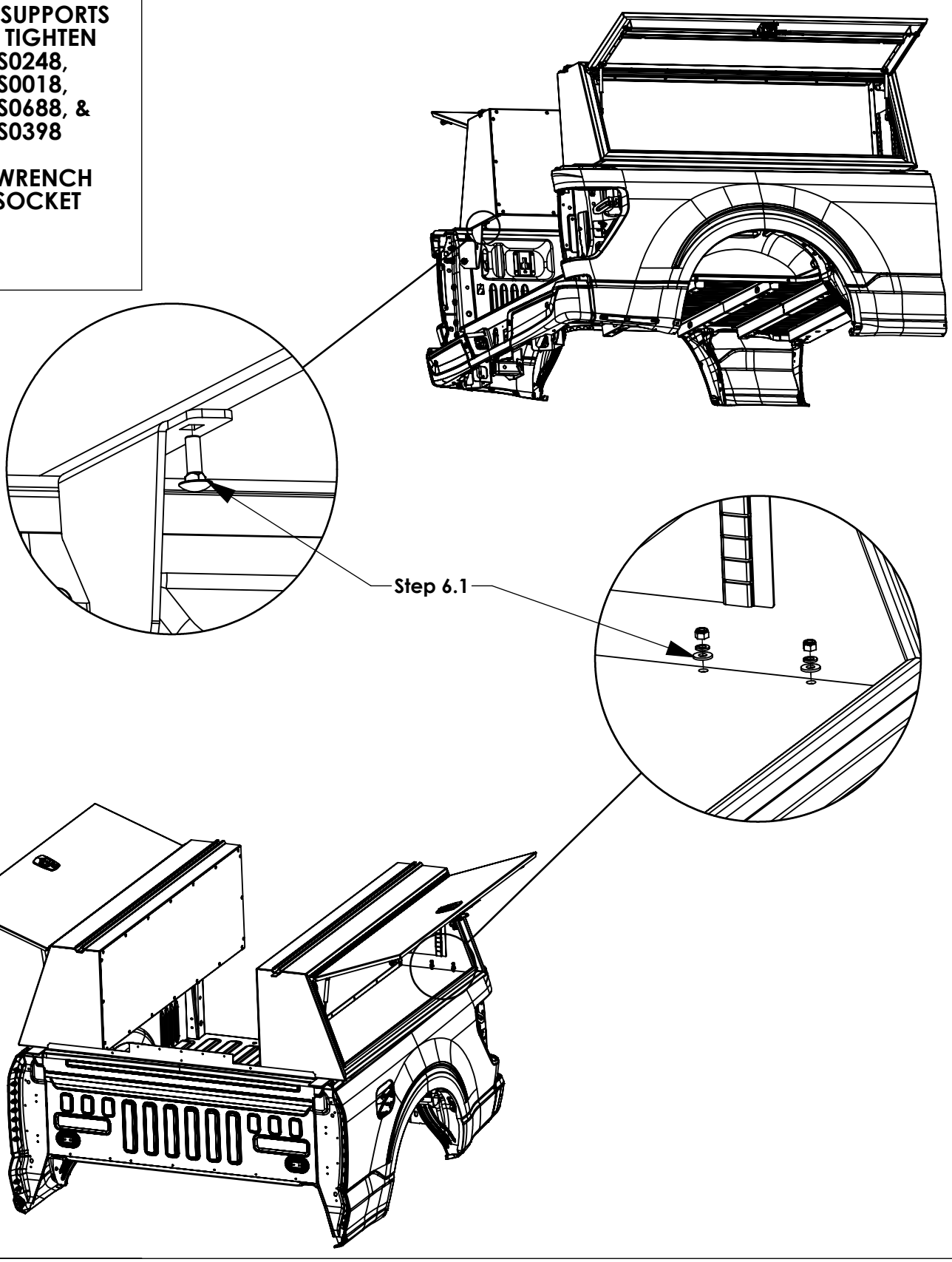


ENSURE THIS DISTANCE IS THE SAME ON BOTH SIDES OF VEHICLE

STEP 6 - INSTALL FASTENERS TO SECURE BOXES TO REAR GUSSET SUPPORTS

Step 6.1
BOLT BOXES TO REAR SUPPORTS FULLY TIGHTEN
(4)FAS0248,
(4)FAS0018,
(4)FAS0688, &
(4)FAS0398

9/16 WRENCH
9/16 SOCKET

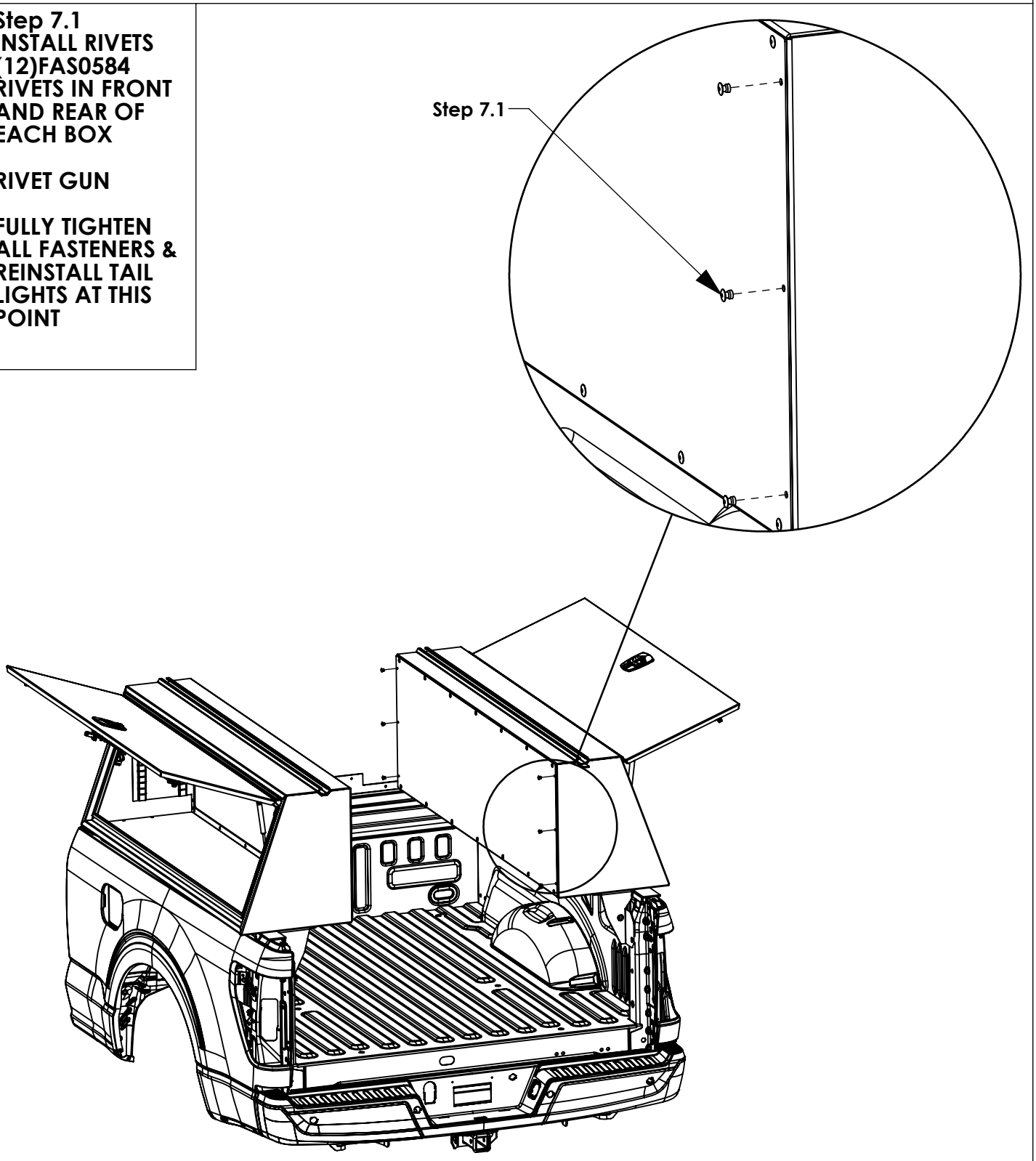


STEP 7 - INSTALL RIVETS AT FRONT AND REAR OF BOXES TO SEAL

Step 7.1
INSTALL RIVETS (12)FAS0584 RIVETS IN FRONT AND REAR OF EACH BOX

RIVET GUN

FULLY TIGHTEN ALL FASTENERS & REINSTALL TAIL LIGHTS AT THIS POINT



STEP 8 - DRILL BED RAIL MOUNTING HOLES

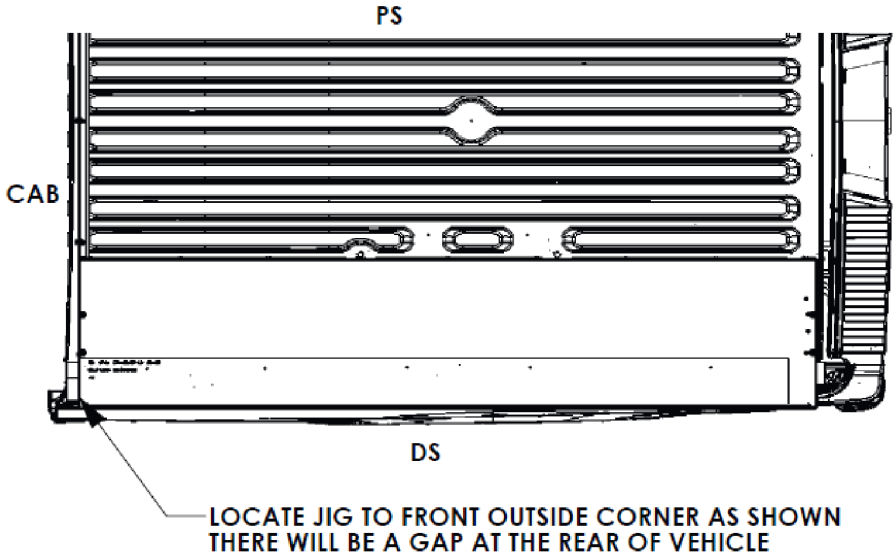
Step 8.1
IDENTIFY THE CORRECT DRILL JIG FOR THE VEHICLE YOUR REINSTALLING ON

RAM 1/2/3500 - 8'

F-150 - 8'

F-250/350 - 8'

GM 1/2/3500 - 8'



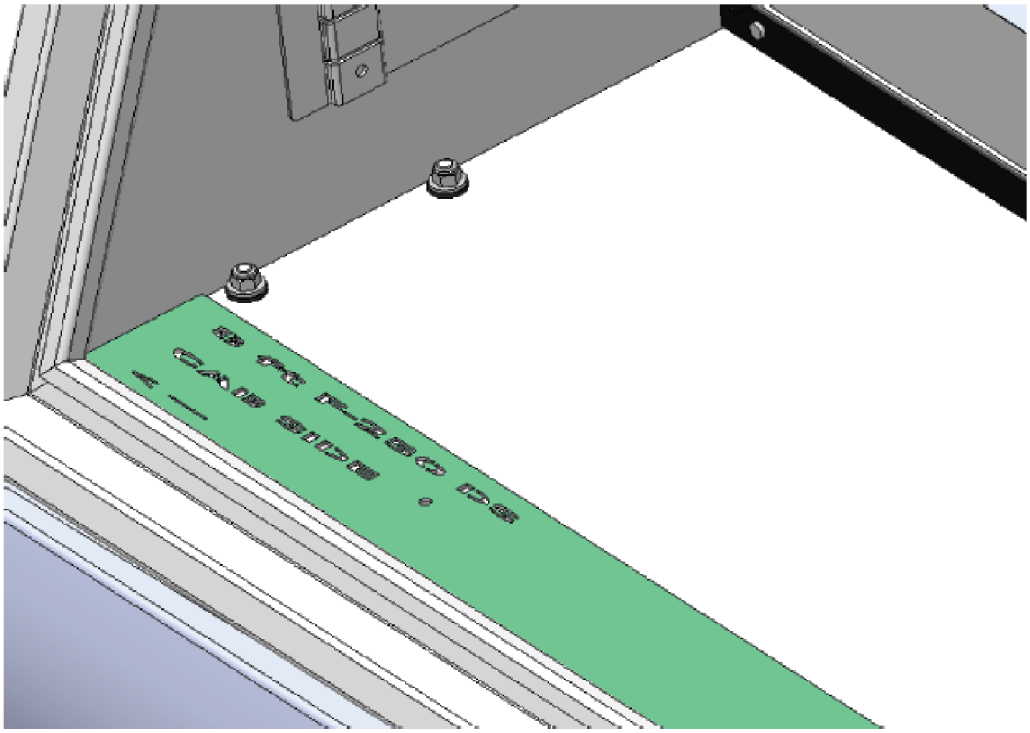
Step 8.2
PLACE JIG IN VEHICLE AS SHOWN. START ON DS

FILP JIG TO MIRROR ON PS

MARK ALL HOLES WITH PAINT PEN

NOTE:
FOR 6' BEDS IGNORE Step 8.1 & 8.2,
USE PAINT PEN TO MARK 4 HOLES EVENLY SPACED IN TOOL BOX AND TRUCK BED RAIL TO DRILL. CONTINUE TO Step 8.3

Step 8.3
USING A STEP BIT OR 3/8 DRILL BIT, DRILL OUT ALL MARKED HOLES ON DS AND PS BED RAIL



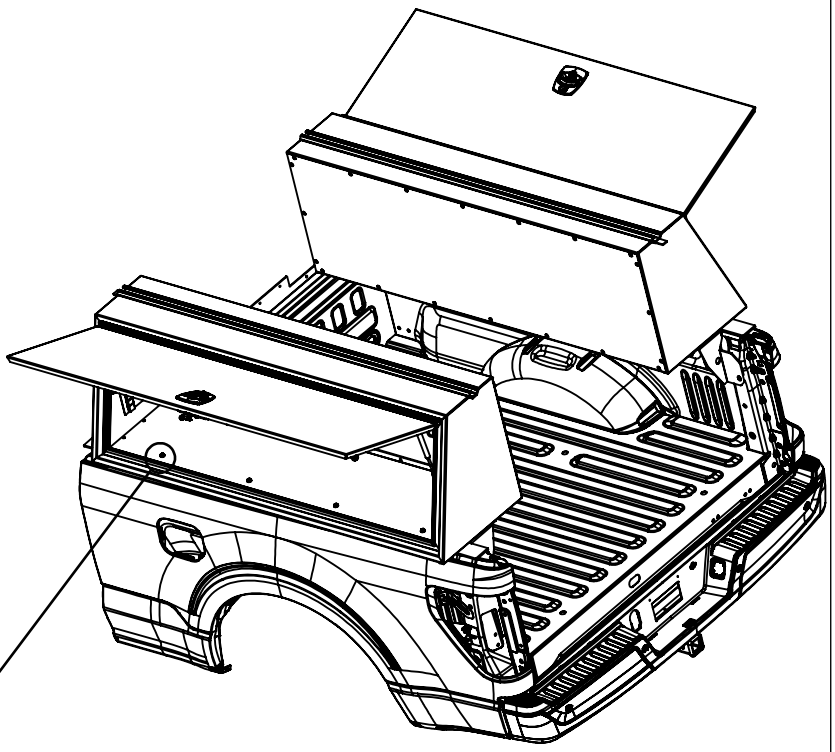
STEP 9 - INSTALL BED RAIL FASTENERS

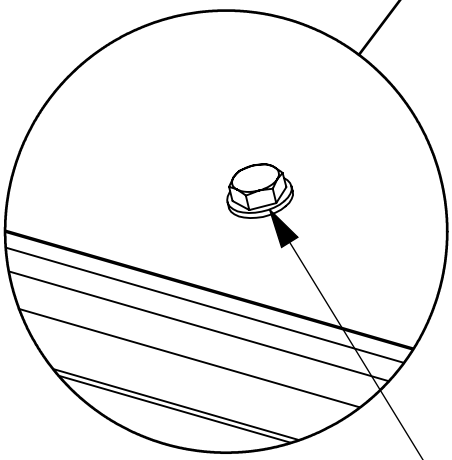
Step 9.1
REMOVE ANY JIGS, FULLY TIGHTEN FAS0242, FAS0245, FAS0164, & FAS0248 TO SECURE BOXES TO BED RAIL

10 PLACES FOR 8FT BED

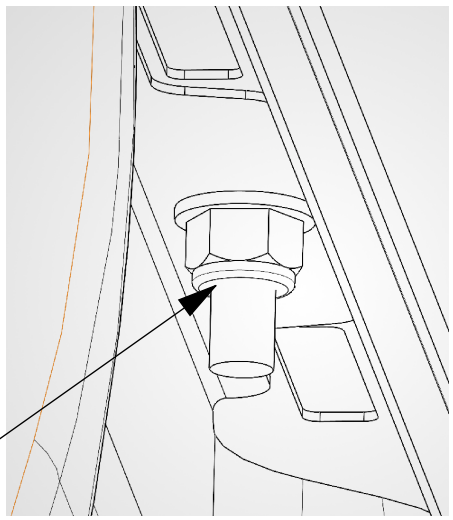
8 PLACES FOR 6FT BED

1/2 WRENCH
1/2 SOCKET





Step 9.1



VIEW FROM UNDER RAIL