

INSTR.
NUMBER : **80397**

PG: **1** REV: **C**

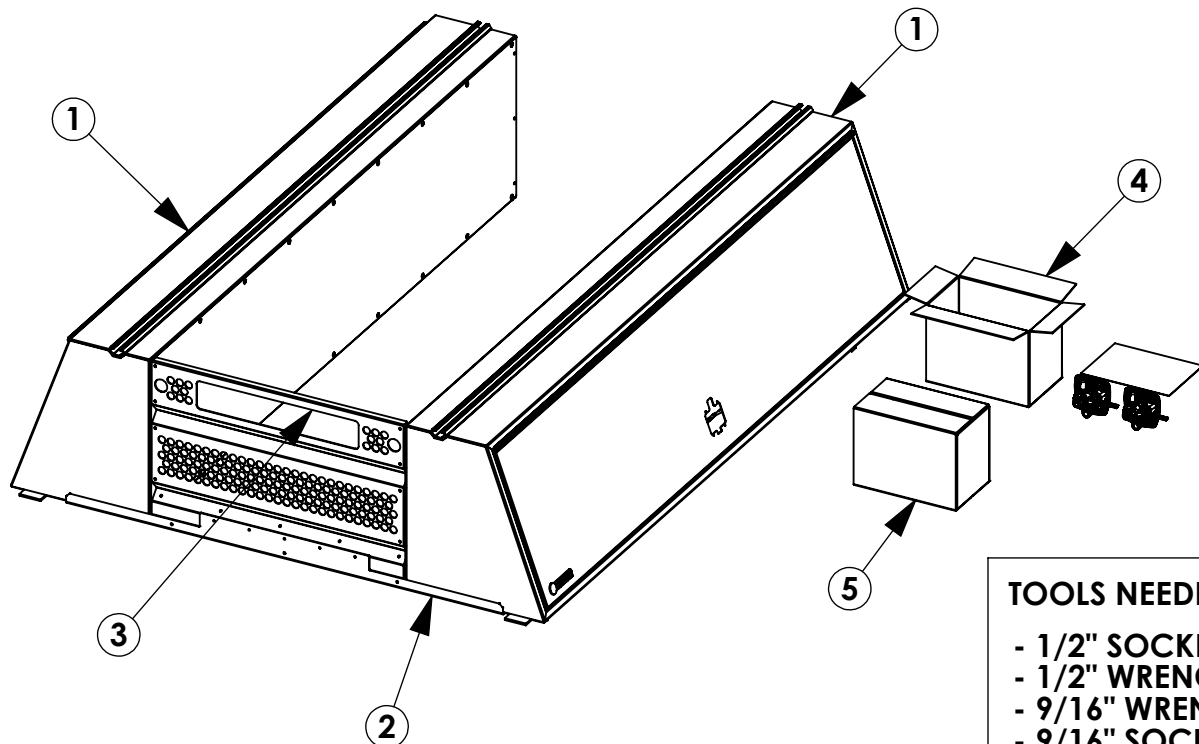
NOTE:
REFER TO 83171 INSTALL INSTRUCTION FOR KITS
WITHOUT CAB GUARD

PART
NUMBER : **TSBX-8F1E**

PART • TOPSIDER KIT, F-150, 8'
DESC. • BOX, E-LOCK

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	TS-CG1	TSBX, CAB GUARD KIT, 1	1
4	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
5	81248	KIT, TAILGATE CHMSL	1

NOTE:
BOM IS FOR BOTH TSBX-8F1E
AND TSBX-8F2E



TOOLS NEEDED:

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

INSTR.
NUMBER : **80397**

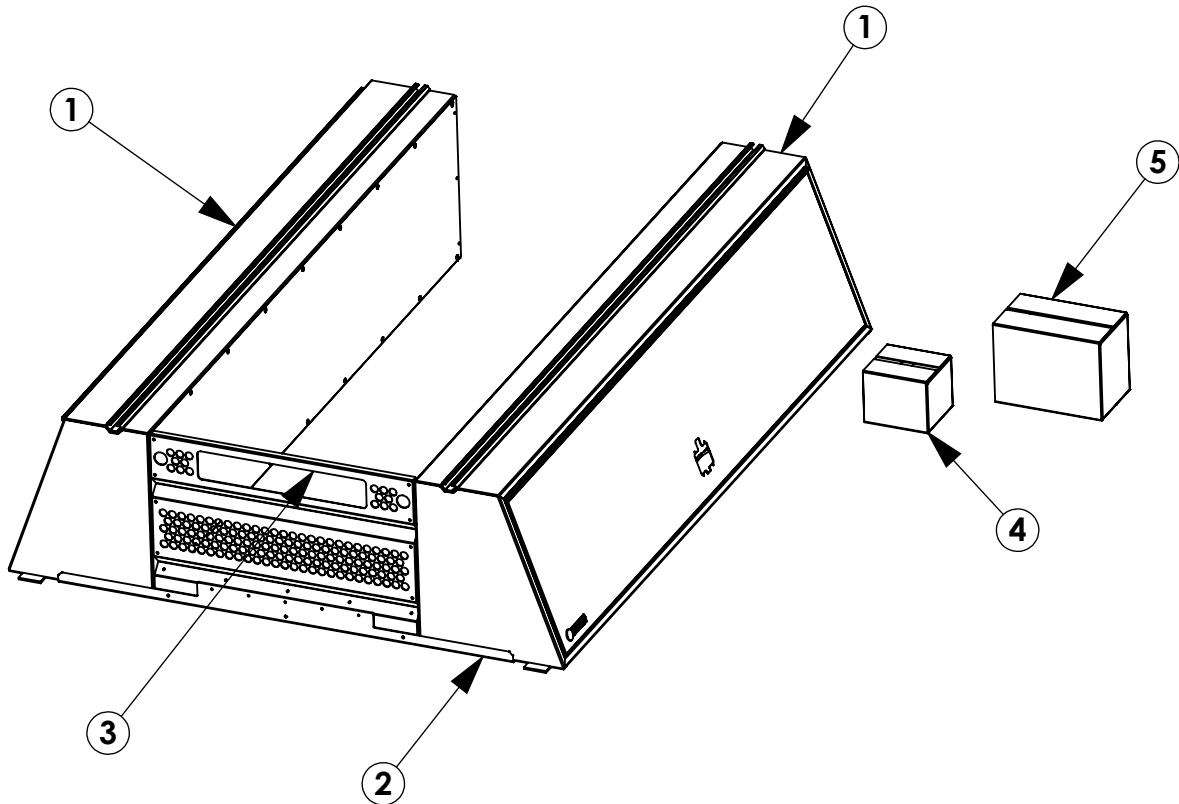
PG: **2** REV: **C**

PART
NUMBER : **TSBX-8F1M**

PART • TOPSIDER KIT, F-150, 8'
DESC. • BOX

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	TS-CG1	TSBX, CAB GUARD KIT, 1	1
4	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
5	81248	KIT, TAILGATE CHMSL	1

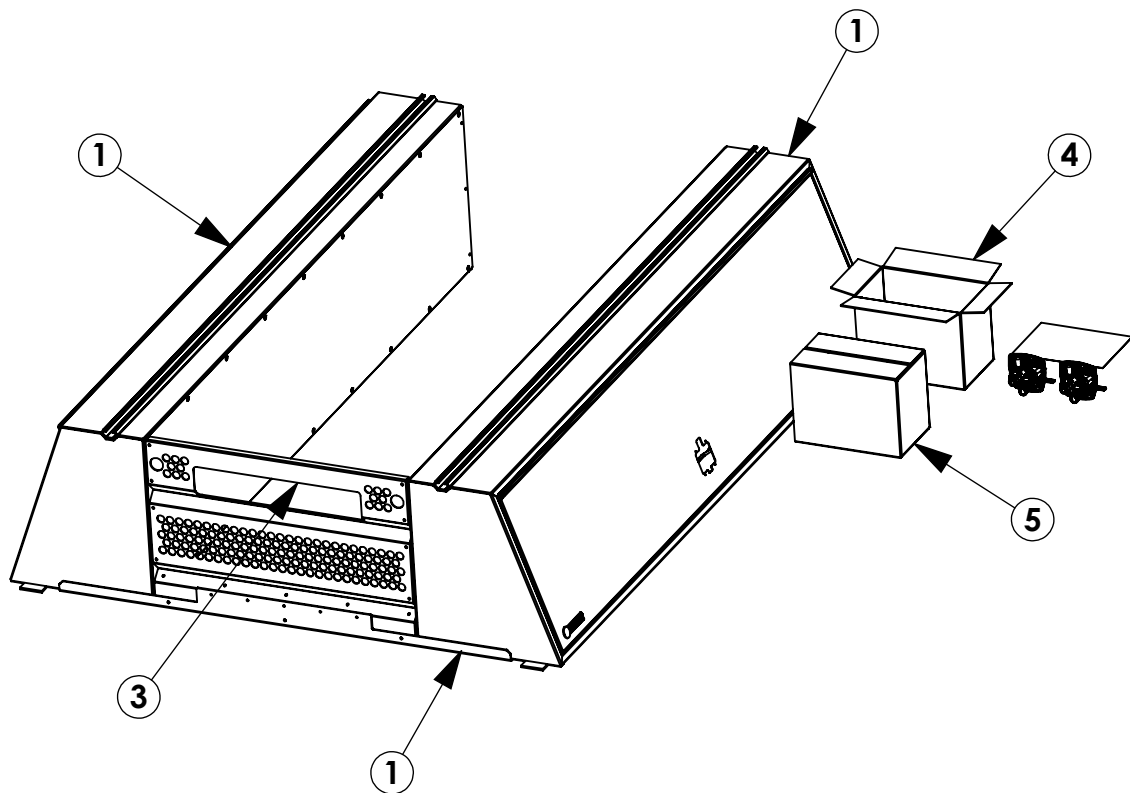
NOTE:
BOM IS FOR BOTH TSBX-8F1M
AND TSBX-8F2M



INSTR. NUMBER : 80397	PG: 3	REV: C
PART NUMBER : TSBX-8G1E		
PART • TSBX KIT,GM 1500, 8' BOX, DESC. • E-LOCK		

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	TS-CG3	TSBX, CAB GUARD KIT, 3	1
4	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
5	81248	KIT, TAILGATE CHMSL	1

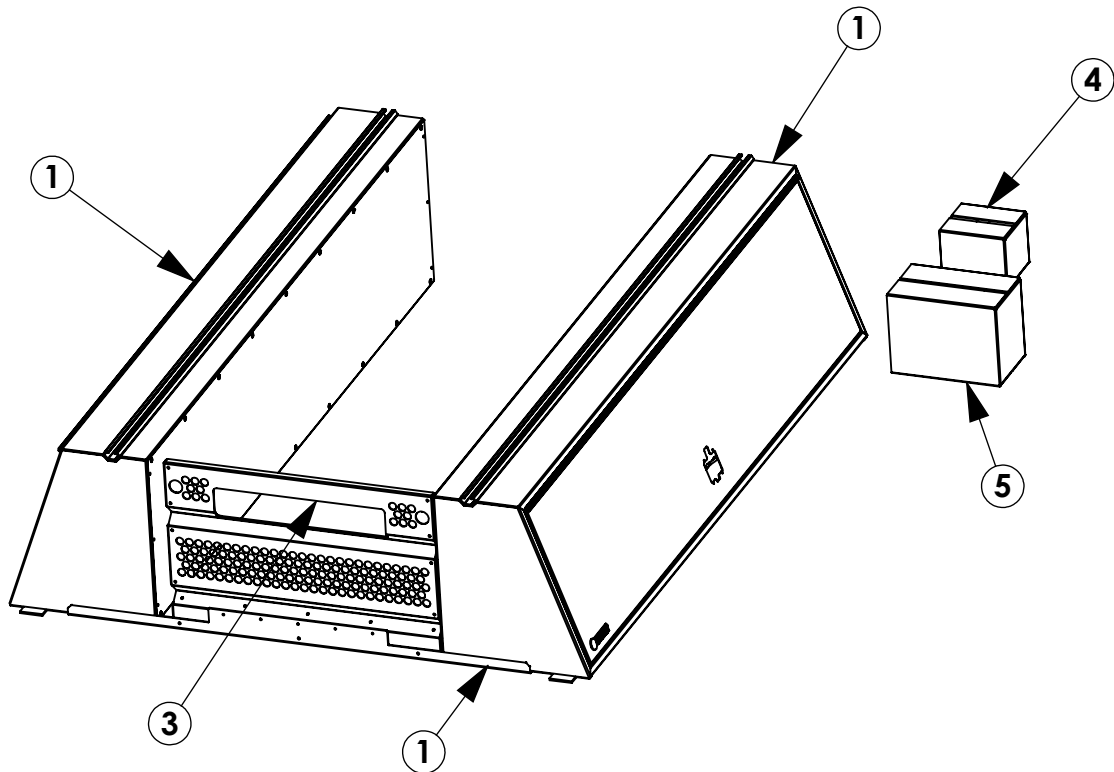
NOTE:
BOM IS FOR BOTH TSBX-8G1E
AND TSBX-8G2E



INSTR. NUMBER : 80397	PG: 4	REV: C
PART NUMBER : TSBX-8G1M		
PART • TSBX KIT,GM 1500, 8' BOX DESC. •		

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	TS-CG3	TSBX, CAB GUARD KIT, 3	1
4	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
5	81248	KIT, TAILGATE CHMSL	1

NOTE:
BOM IS FOR BOTH TSBX-8G1M
AND TSBX-8G2M



INSTR.
NUMBER : **80397**

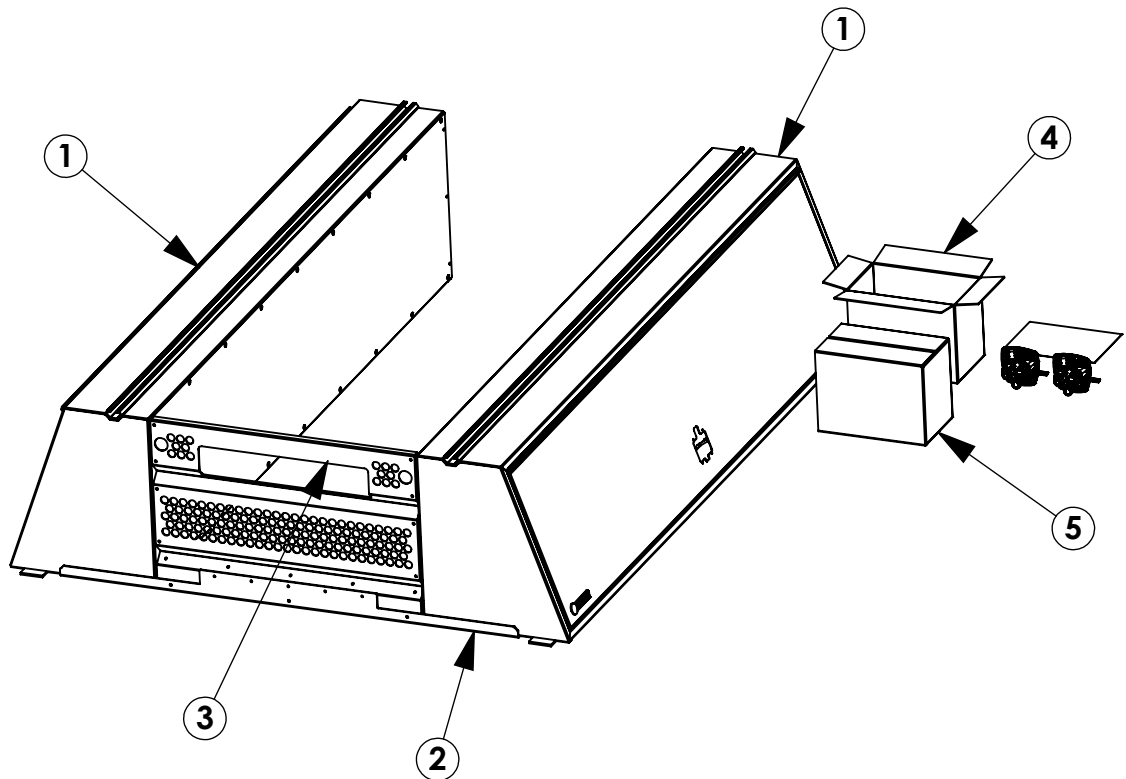
PG: **5** REV: **C**

PART
NUMBER : **TSBX-8R1E**

PART • TOPSIDER KIT, RAM 1500, 8'
DESC. • BOX, E-LOCK

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	TS-CG3	TSBX, CAB GUARD KIT, 3	1
4	81244	KIT,TOPSIDER,8FT,ELOCK W/LIGHTING	1
5	81248	KIT, TAILGATE CHMSL	1

NOTE:
BOM IS FOR BOTH TSBX-8R1E
AND TSBX-8R2E



INSTR.
NUMBER : **80397**

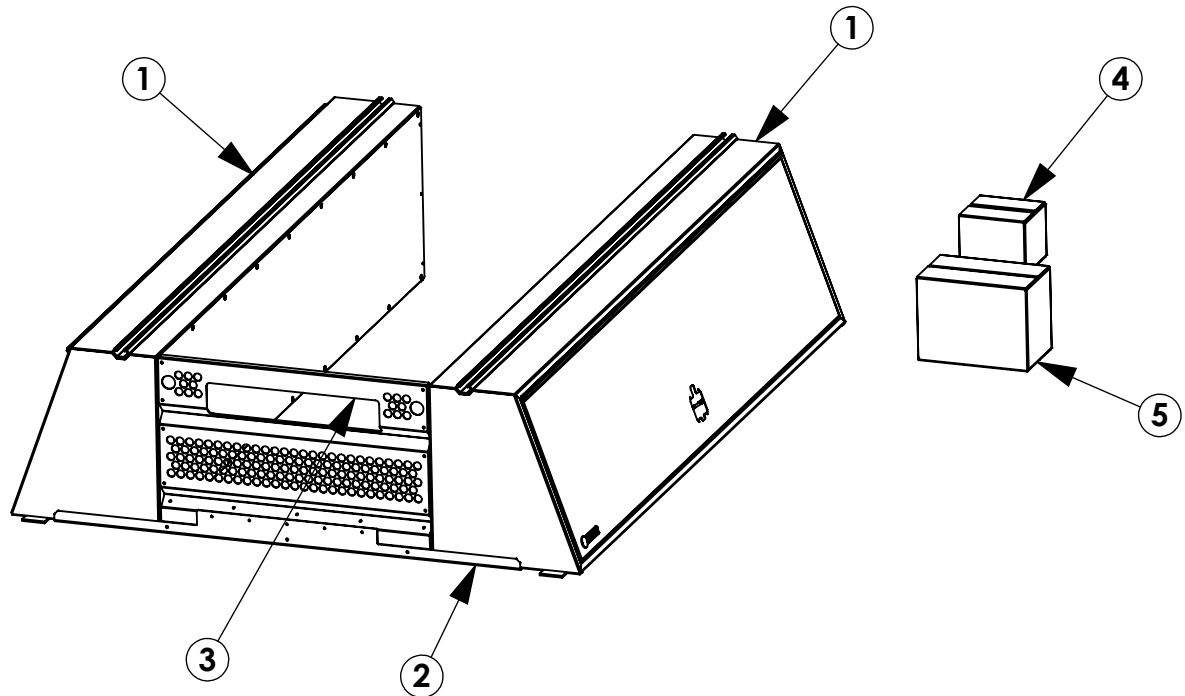
PG: **6** REV: **C**

PART
NUMBER : **TSBX-8R1M**

PART • TOPSIDER KIT, RAM 1500, 8'
DESC. • BOX

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	TS-CG3	TSBX, CAB GUARD KIT, 3	1
4	TMLHK2	TOPPER MECHANICAL LOCK HATCH KIT	1
5	81248	KIT, TAILGATE CHMSL	1

NOTE:
BOM IS FOR BOTH TSBX-8R1M
AND TSBX-8R2M



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).

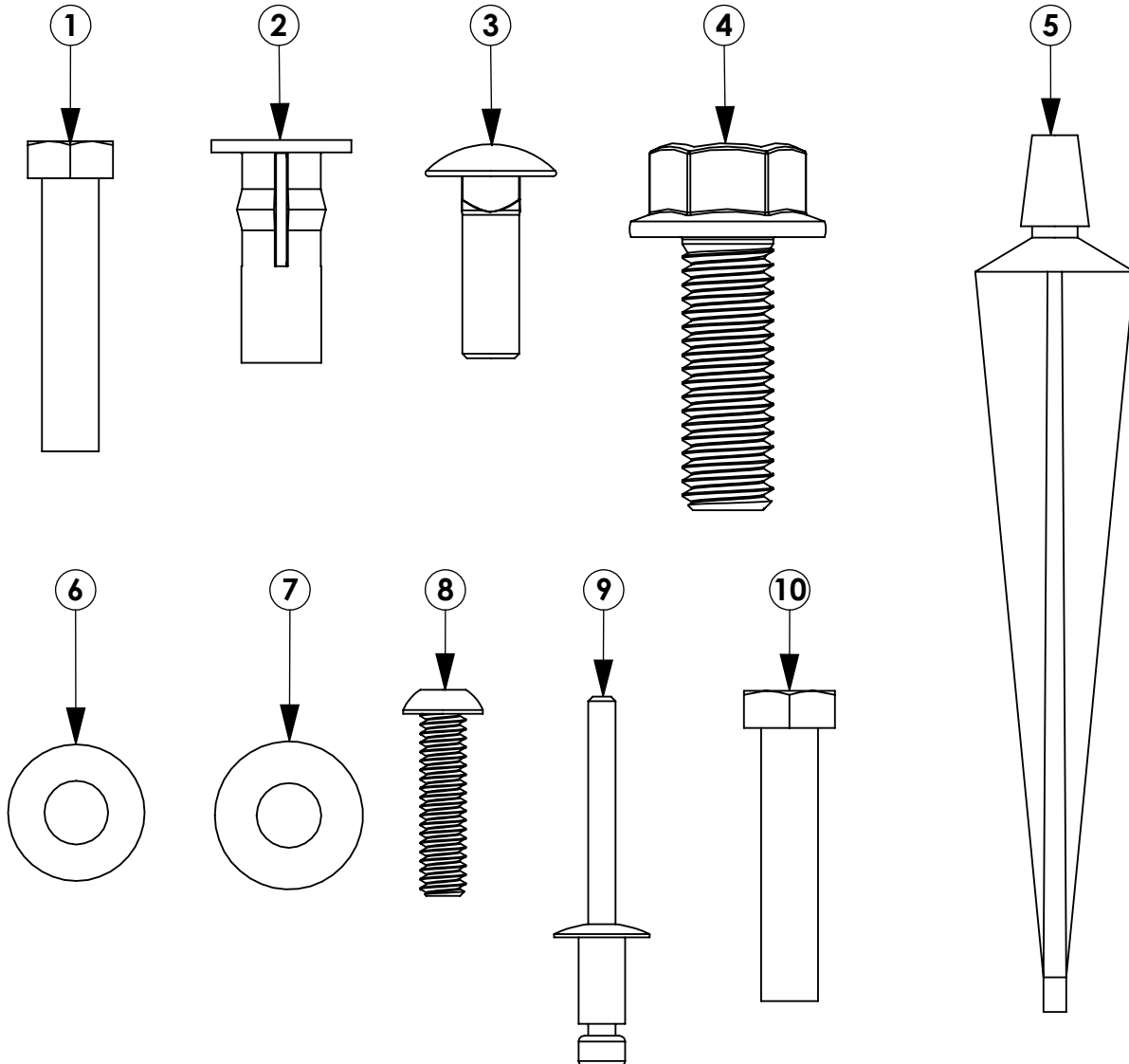
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

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

PAGE:

8**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	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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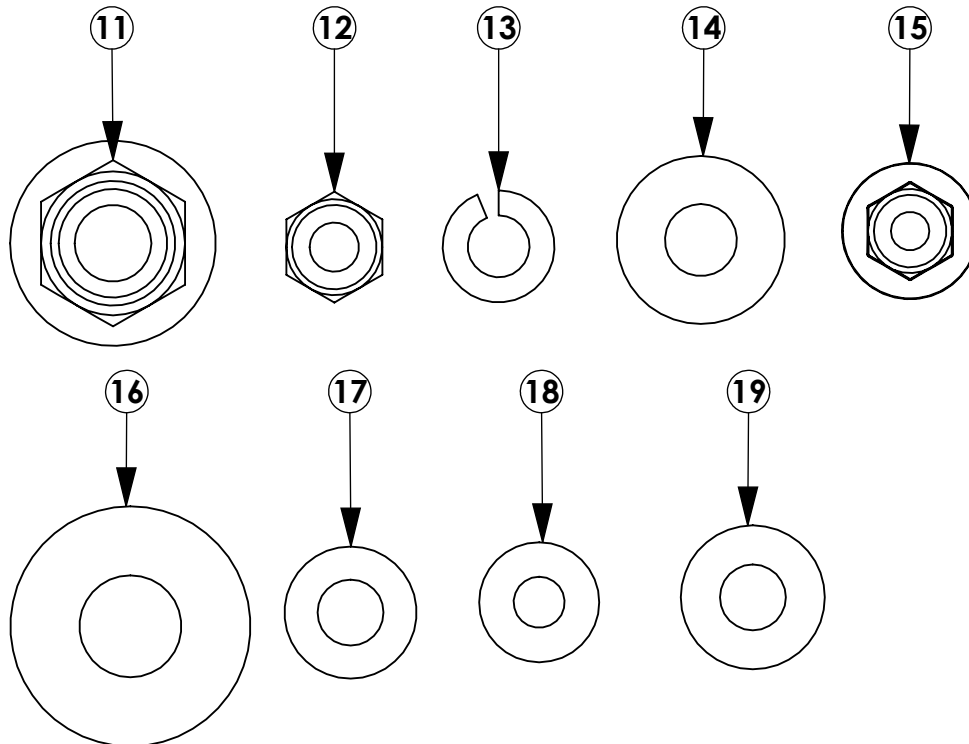
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BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE:

10**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

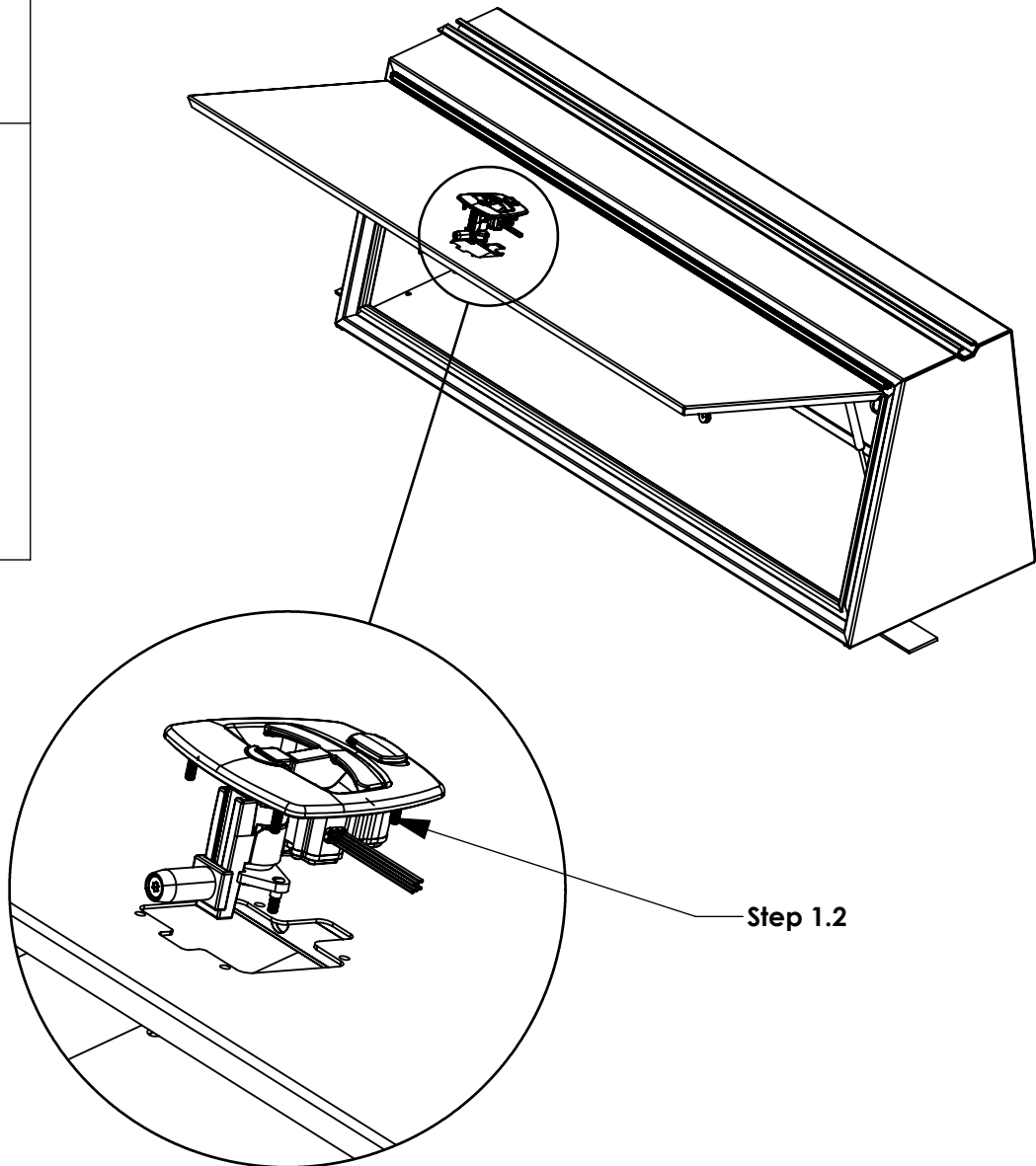
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**STEP 1 - DETERMINE WHICH BOX WILL BE THE PS AND DS SIDE -
THESE BOXES WILL SHIP FROM ASC SYMETRICAL**

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

**Step 1.2
FULLY TIGHTEN
FAS0000 AND
FAS0000 TO
SECURE MECH.
OR E-LOCK TO
DOOR SEE
LATCH
INSTRUCTION
FOR MORE
DETAIL.**



STEP 2.1 - PREP BED (FORD)

Step 2.1.1
LOCATE THE BED
SUPPORT
BRACEKTS IN
THE TS-BK BOX,
THESE ARE
VEHICLE
SPECIFIC. MAKE
SURE THE PARTS
YOU HAVE
MATCH THE
BOM FOR YOUR
VEHICLE

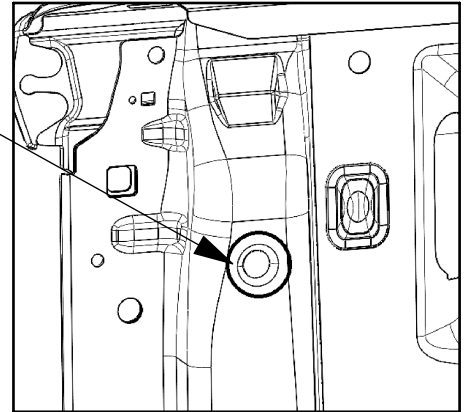
Step 2.1.2
FOR FORD/RAM
VEHICLE,
REMOVE THE
TAIL LIGHTS TO
GAIN ACCESS
TO MOUNTING
HOLE SHOWN

Step 2.1.3
INSTALL REAR
BRACKETS. YOU
WILL NEED TO
LOOSEN AND
RETIGHTEN AT
THE VERY END
OF INSTALL
PRIOR TO
REINSTALLING
TAIL LIGHT.

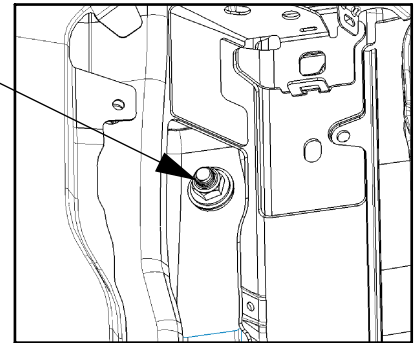
FULLY TIGHTEN
(2)FAS1025,
(2)FAS1026, &
(2)FAS0334

1/2 WRENCH
1/2 SOCKET

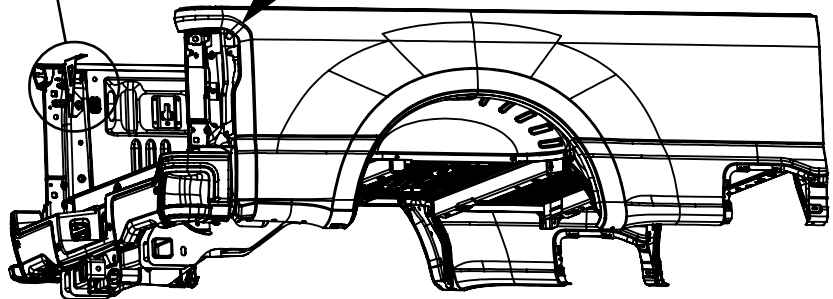
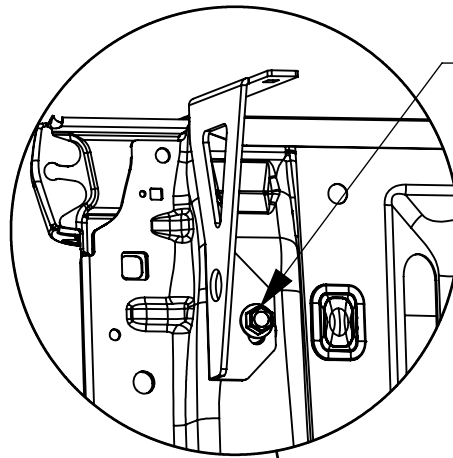
Step 2.1.3



Step 2.1.3

**VIEW FROM INSIDE TAIL LIGHT**

Step 2.1.2



STEP 2.2 - PREP BED (RAM)

Step 2.2.1
LOCATE THE BED
SUPPORT
BRACEKTS IN
THE TS-BK BOX,
THESE ARE
VEHICLE
SPECIFIC. MAKE
SURE THE PARTS
YOU HAVE
MATCH THE
BOM FOR YOUR
VEHICLE

Step 2.2.2
FOR RAM
VEHICLE, REMOVE
THE TAIL LIGHTS
TO GAIN ACCESS
TO MOUNTING
HOLE SHOWN

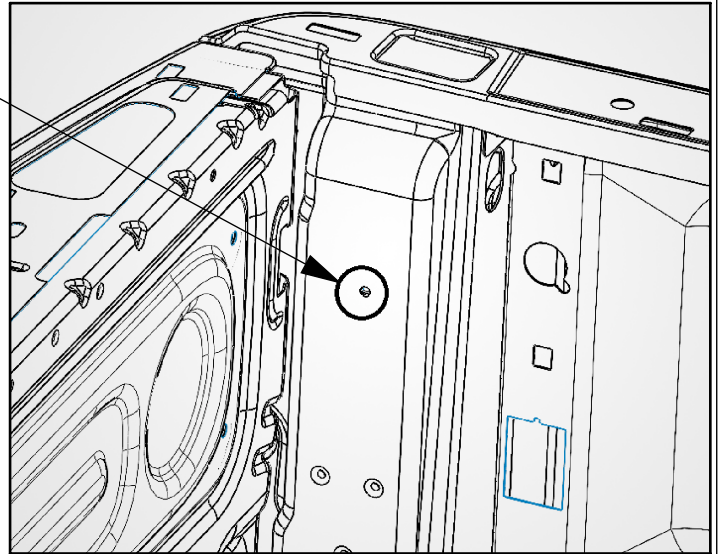
Step 2.2.3
IDENTIFY OEM
HOLE AT REAR OF
BED (CIRCLES
ABOVE) DRILL
OUT TO .565"
USING A STEP BIT
ON BOTH SIDES
OF BED

Step 2.2.4
INSTALL REAR
BRACKETS. YOU
WILL NEED TO
LOOSEN AND
RETIGHTEN AT
THE VERY END
OF INSTALL
PRIOR TO
REINSTALLING
TAIL LIGHT.

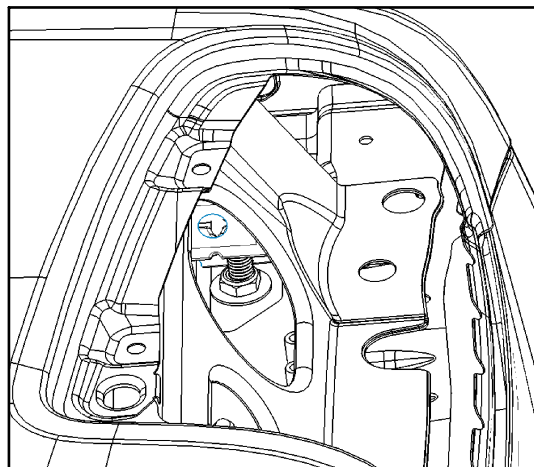
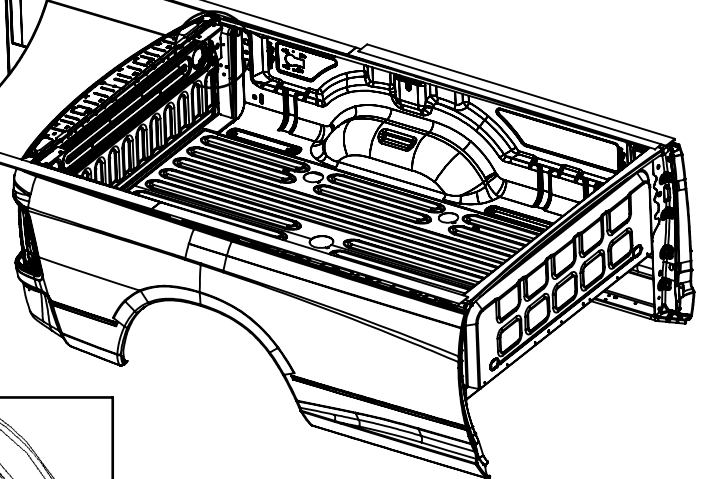
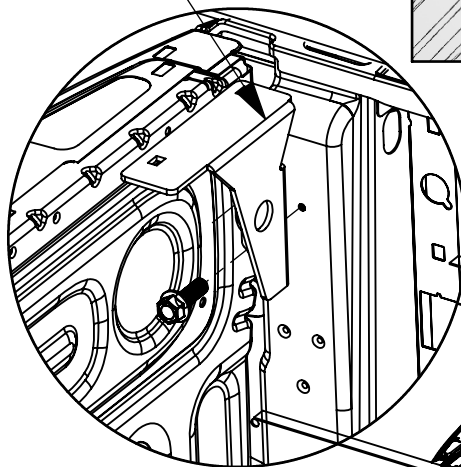
FULLY TIGHTEN
(2)FAS1025,
(2)FAS1026, &
(2)FAS0334

1/2 WRENCH
1/2 SOCKET

Step 2.2.3



Step 2.2.4



VIEW FROM INSIDE TAIL LIGHT

STEP 2.3 - PREP BED (GM)

Step 2.3.1
LOCATE THE BED
SUPPORT BRACKETS IN
THE TS-BK BOX, THESE
ARE VEHICLE
SPECIFIC. MAKE SURE
THE PARTS YOU HAVE
MATCH THE BOM FOR
YOUR VEHICLE

Step 2.3.2
FOR 1500, ALIGN TOP
HOLE ON BED BRKT
WITH HOLE SHOWN
ON REAR OF TRUCK
BED AND MARK
CENTER OF LOWER
SLOT WITH PAINT PEN

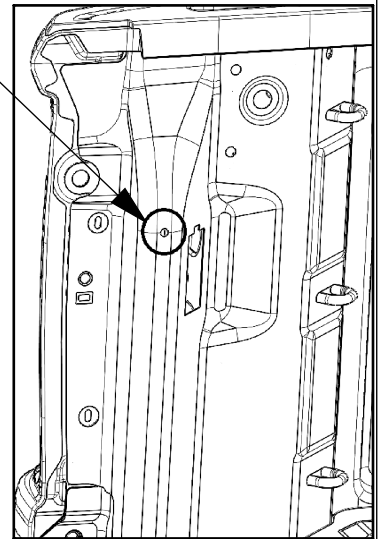
FOR 2500, ALIGN
BOTTOM HOLE ON
BED BRKT WITH
BOTTOM HOLE
SHOWN ON REAR OF
TRUCK BED AND
MARK CENTER OF
SLOT WITH PAINT PEN.

Step 2.3.3
DRILL OUT OEM HOLE
AND PAINT MARKED
HOLE FOR 5/16" PLUS
NUT AND INSTALL
FAS0091

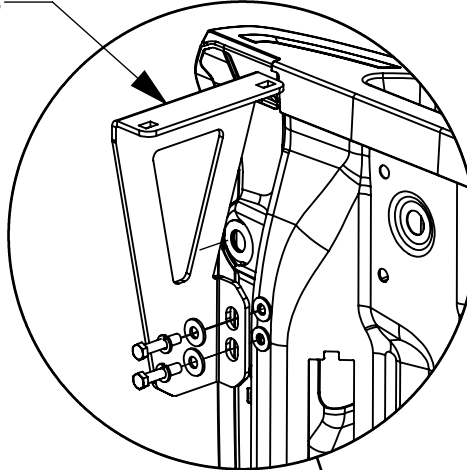
Step 2.1.4
INSTALL REAR
BRACKETS FULLY
TIGHTEN
(2)FAS1025,
(2)FAS1026, &
(2)FAS0334

1/2 WRENCH
1/2 SOCKET

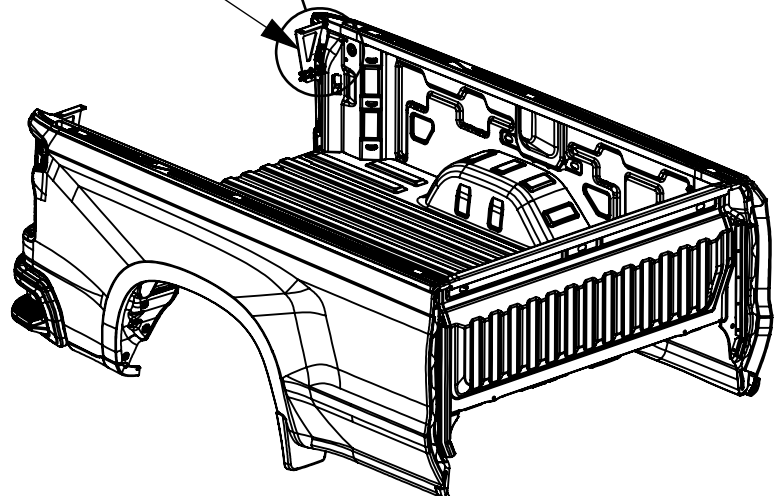
Step 2.3.2
(1500 SHOWN)



Step 2.3.4

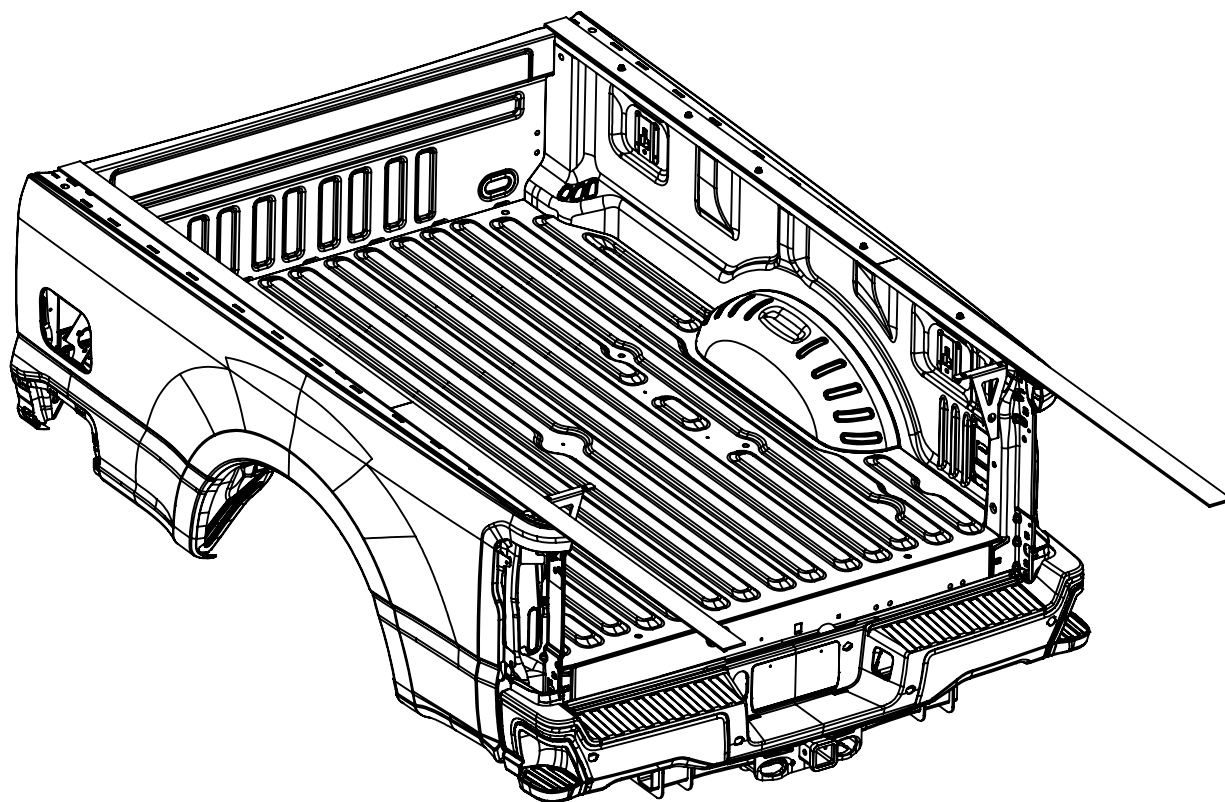


Step 2.3.1



STEP 3 - PREP BED WITH FOAM STRIPS

Step 3.1
APPLY FOAM
STRIPS 73632
(QTY4 x FOR
WHOLE BED-2
EACH SIDE)
START FLUSH
WITH THE END
OF THE CAB
SIDE OF THE BED
RAIL.
DO NOT TRIM
EXCESS UNTIL
FULLY
INSTALLED.

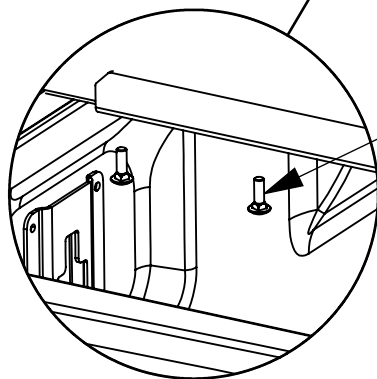
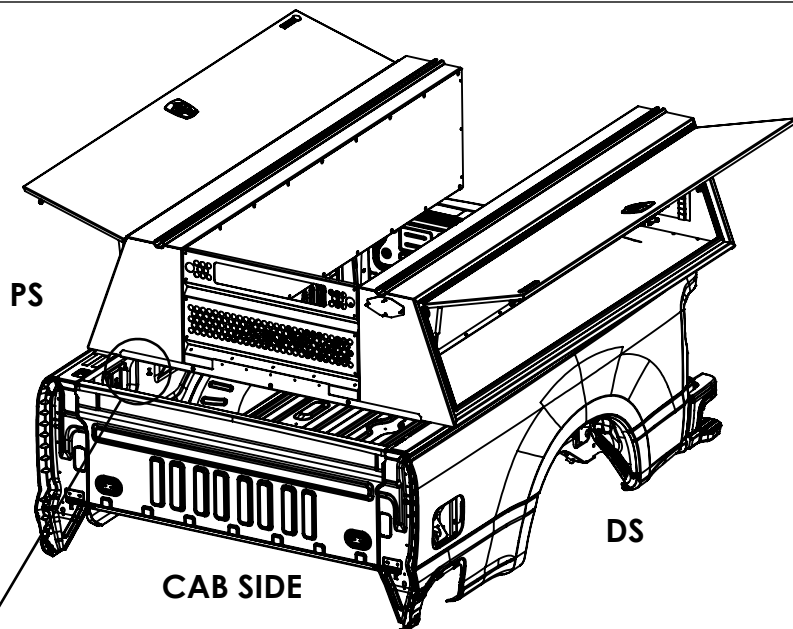


STEP 4 - PLACE BOXES ON BED SO THE OVERHANG THE TAILGATE BY 2-3 FEET - ATTACH BOXES WITH FRONT RAIL SUPPORT

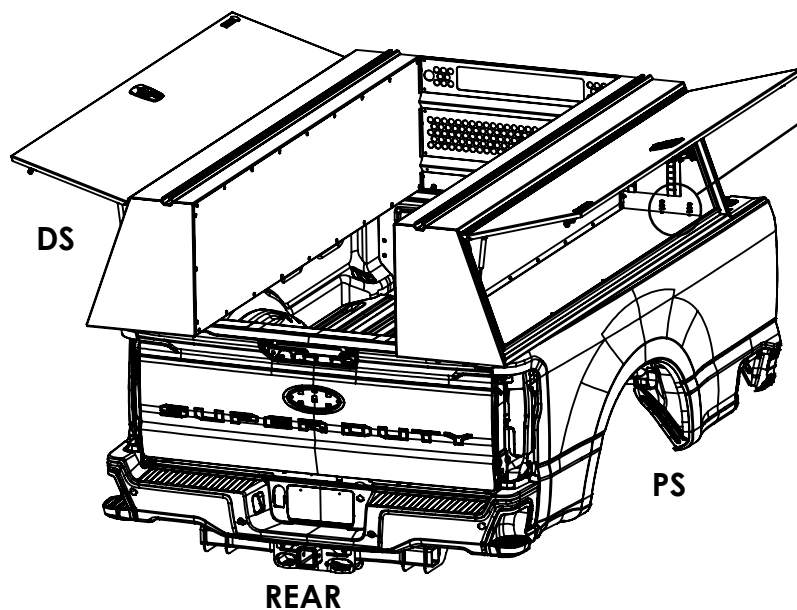
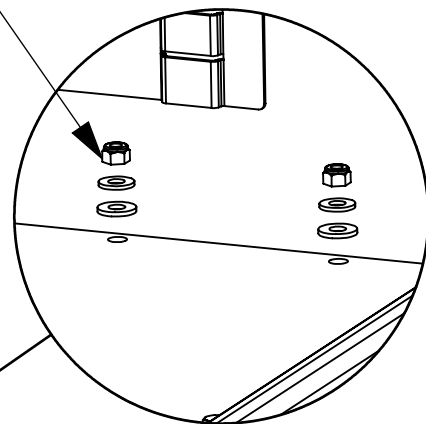
Step 4.1
PLACE BOXES
ON BED AS
SHOWN ALIGN
79950-B TO THE
BOTTOM OF
BOTH BOXES ON
THE CAB SIDE
OF THE VEHICLE.

Step 4.2
HAND TIGHTEN
ASSEMBLY UNTIL
AFTER STEP 7.1
THEN FULLY
TIGHTEN.
(4)FAS0398,
(4)FAS0248, &
(4)FAS0688

1/2" WRENCH
1/2" SOCKET



Step 4.2



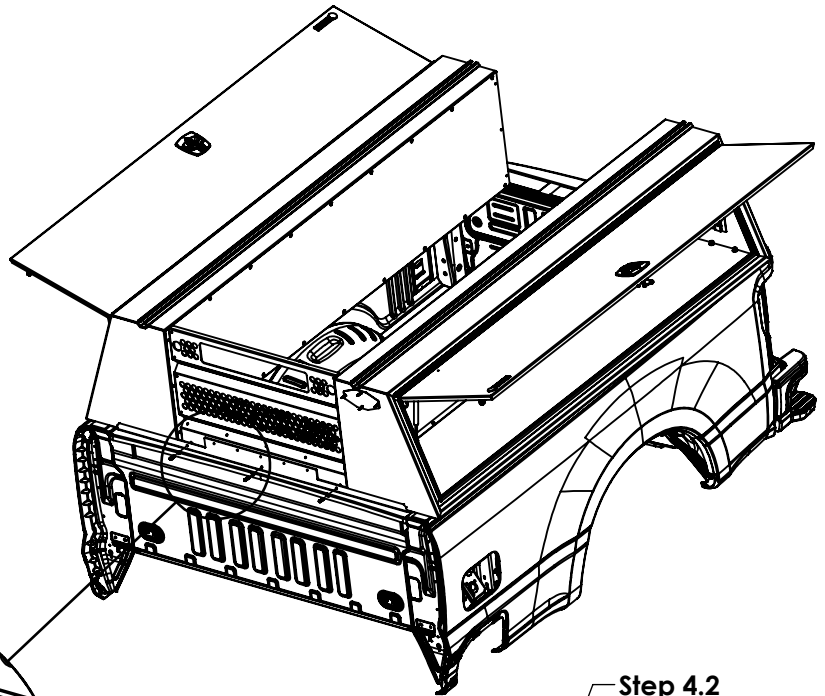
**STEP 4 - SET CAB GUARD IN PLACE IN ORIENTATION SHOWN -
USE PRY BAR TO WEDGE INTO PLACE IF NECESSARY**

Step 4.3
FULLY TIGHTEN
(3)FAS0055,
(3)FAS0234, 7
(3)FAS0920

7/16 WRENCH
7/16 SOCKET

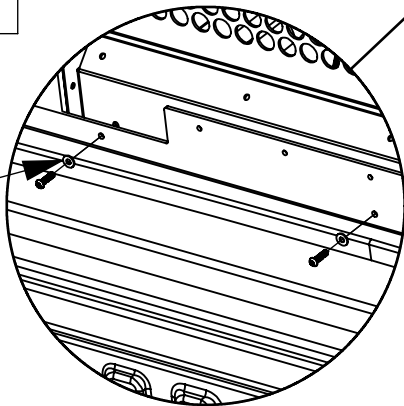
Step 4.4
FULLY TIGHTEN
(6)FAS0055,
(6)FAS0920 ON
BOTH SIDES OF
THE CAB GUARD

7/16 WRENCH
7/16 SOCKET

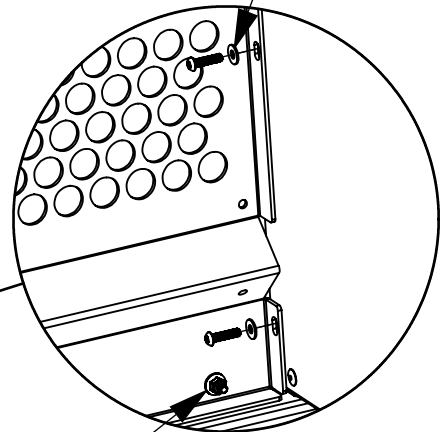


Step 4.2

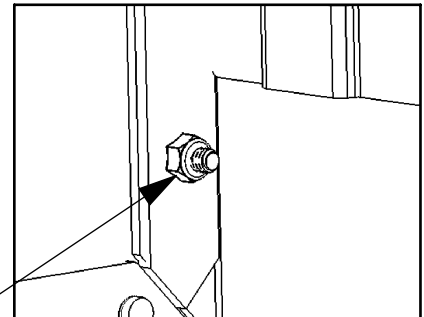
Step 4.1



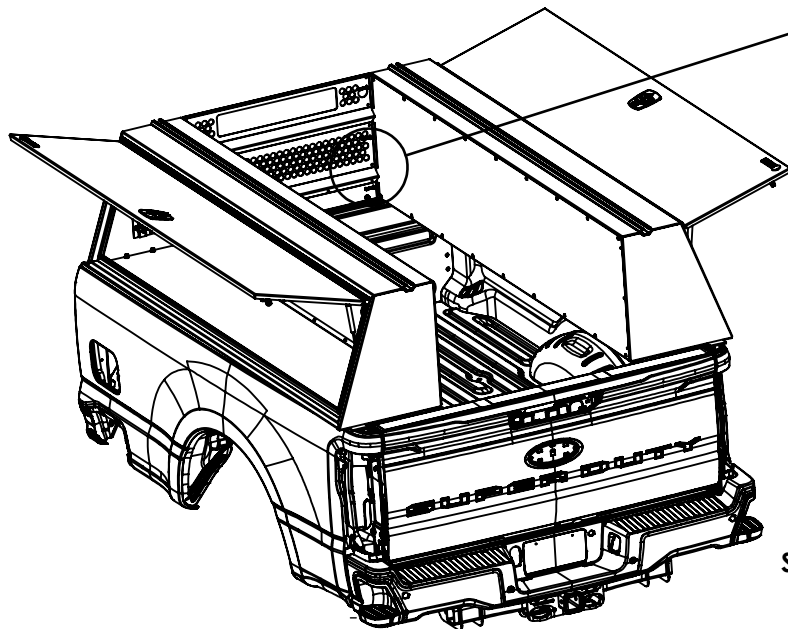
Step 4.1



Step 4.2



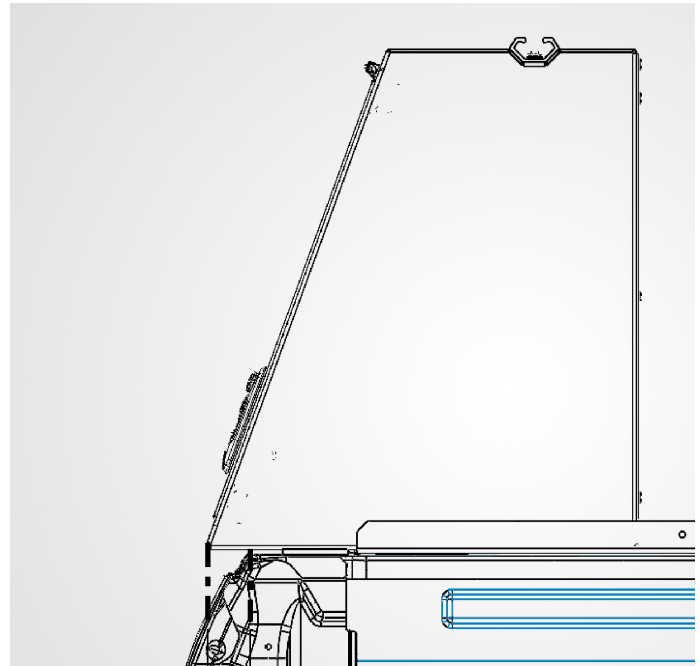
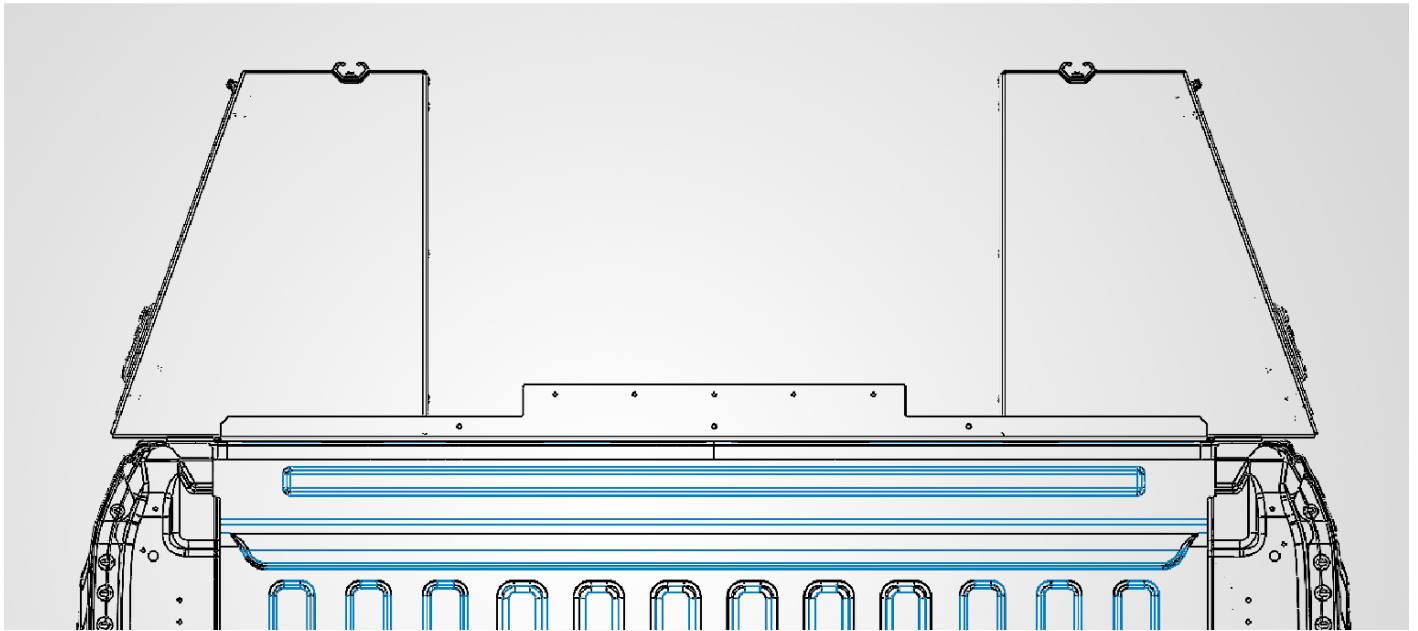
VIEW FROM INSIDE TOOL BOX





CHECK THAT THE BOXES ARE CENTERED ON VEHICLE

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



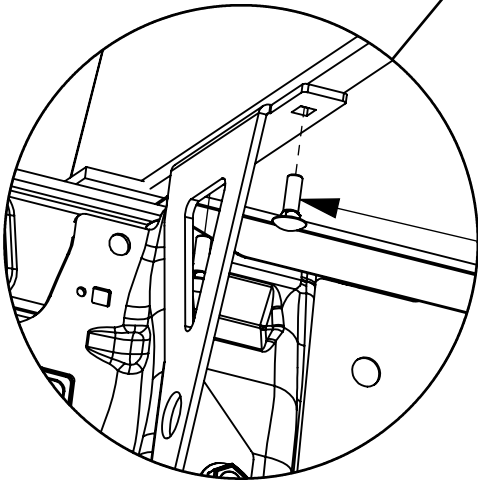
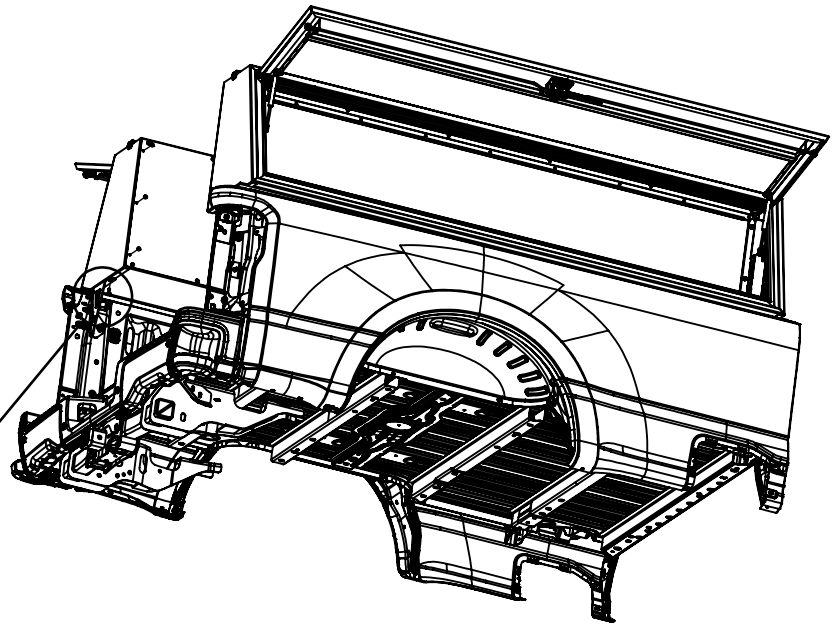
ENSURE THIS DISTANCE IS THE SAME ON BOTH SIDES OF VEHICLE

DIM 1 —▶▶

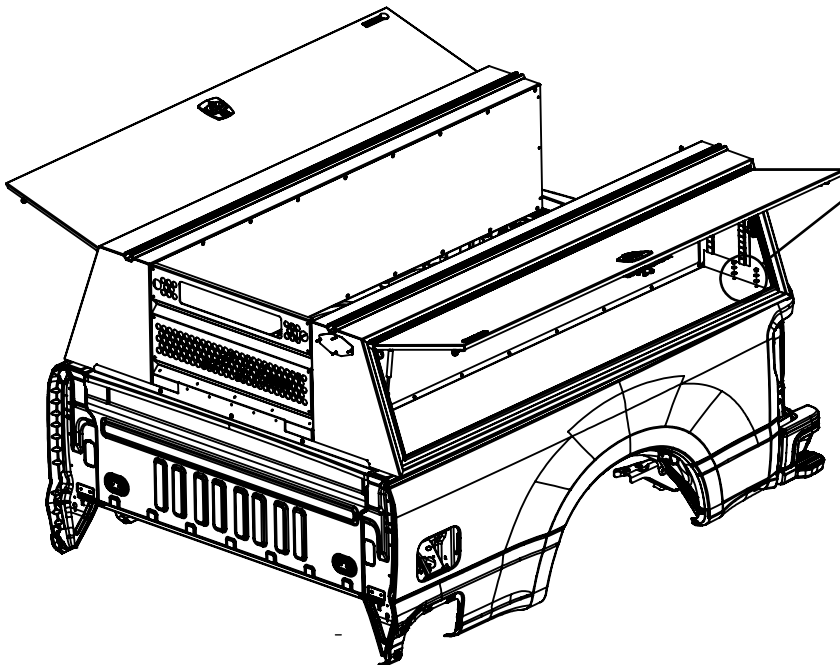
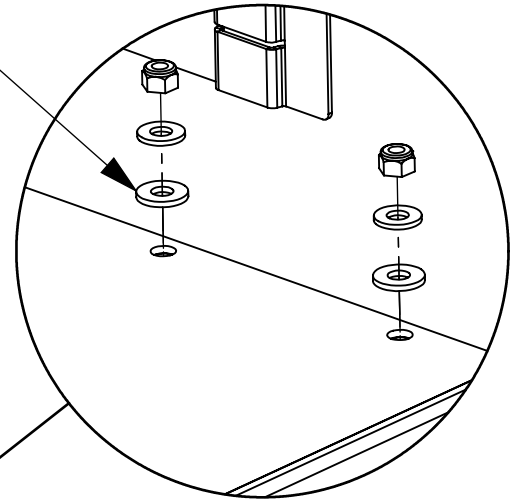
STEP 6 - INSTALL FASTENERS TO SECURE BOXES TO REAR GUSSET SUPPORTS

Step 6.1
BOLT BOXES TO
REAR SUPPORTS
FULLY TIGHTEN
(4)FAS0248,
(4)FAS0164,
(4)FAS0688, &
(4)FAS0398

9/16 WRENCH
9/16 SOCKET



Step 6.1

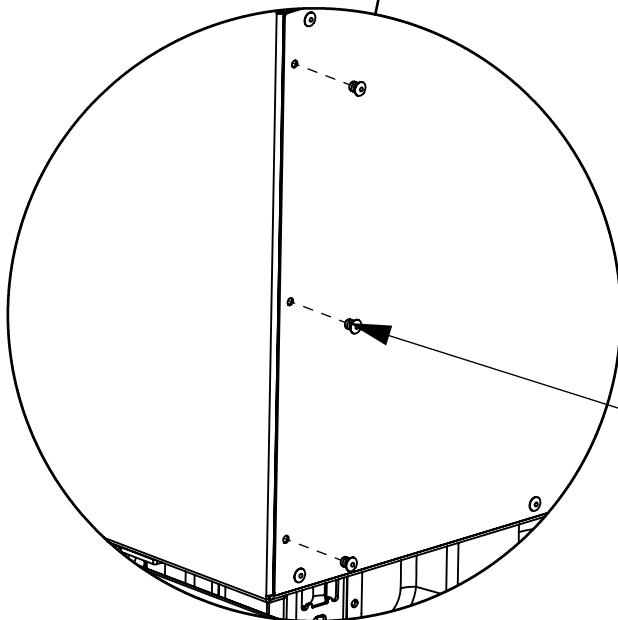
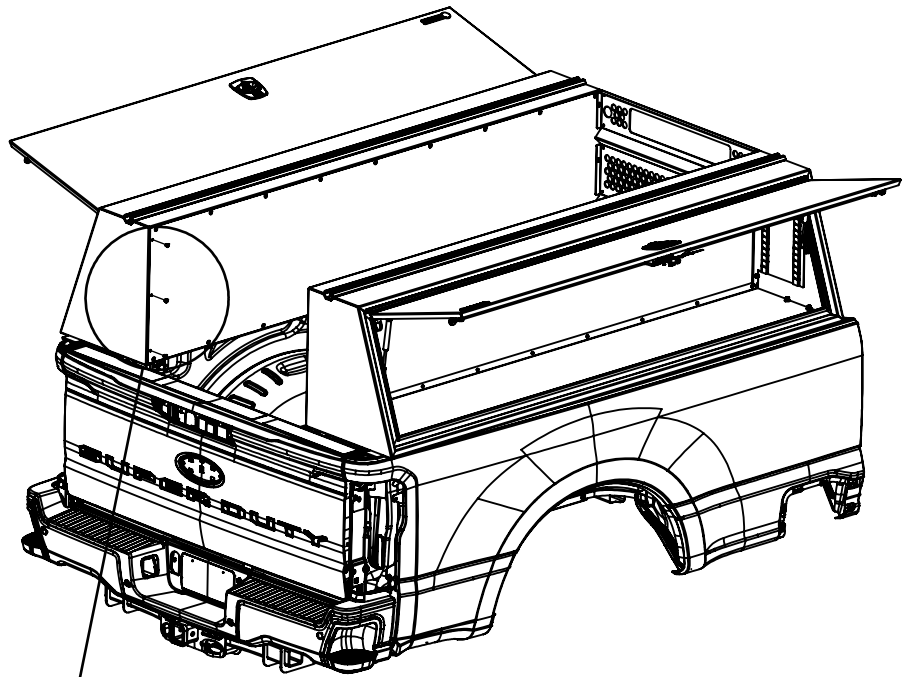


STEP 7 - INSTALL RIVETS AT REAR OF BOXES TO SEAL

Step 7.1
INSTALL RIVET
(6)FAS0584
RIVET IN 3
LOCATIONS ON
REAR OF EACH
BOX

RIVET GUN

REINSTALL TAIL
LIGHTS AND
FULLY ALL
TIGHTEN
FASTENERS



Step 7.1

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'

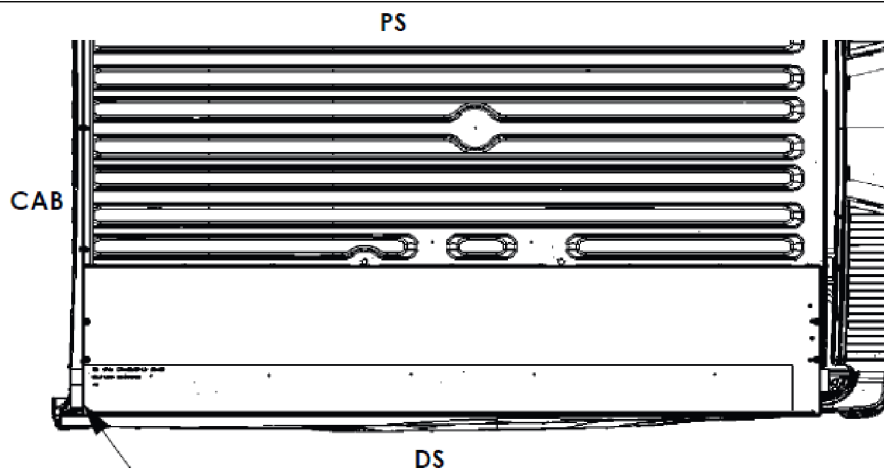
GM 1/2/3500 - 8'

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

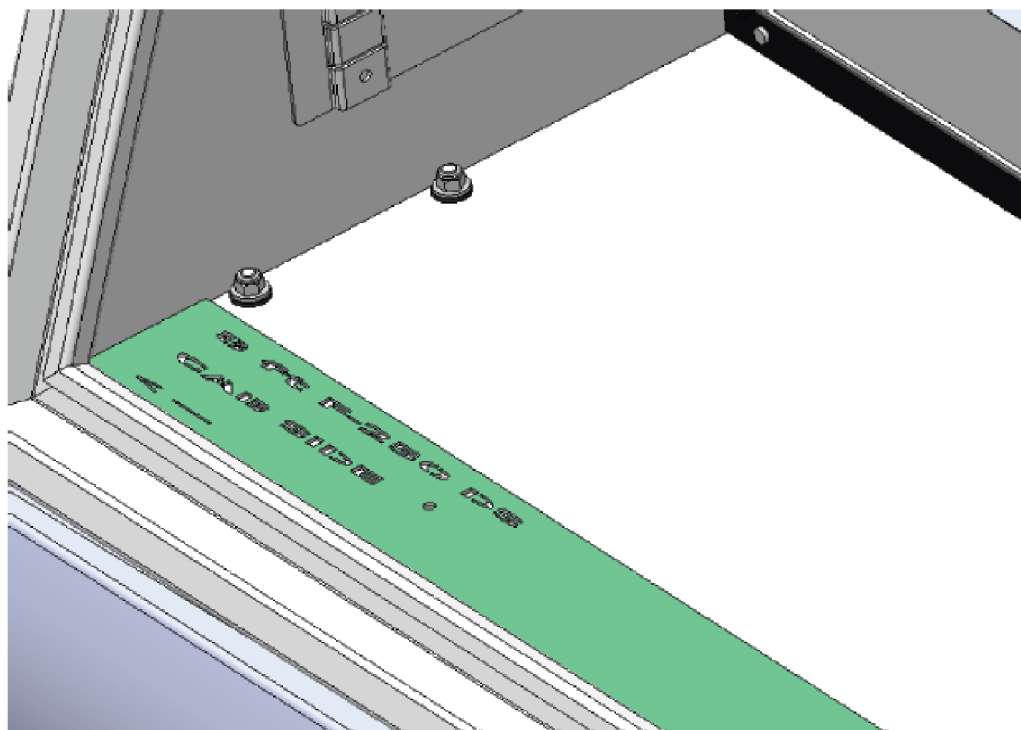
FLIP JIG TO
MIRROR ON PS

MARK ALL HOLES
WITH PAINT PEN

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

**NOTE:**

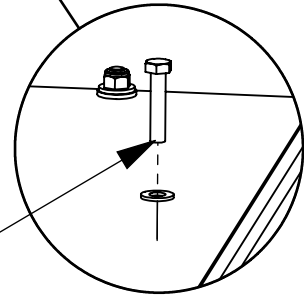
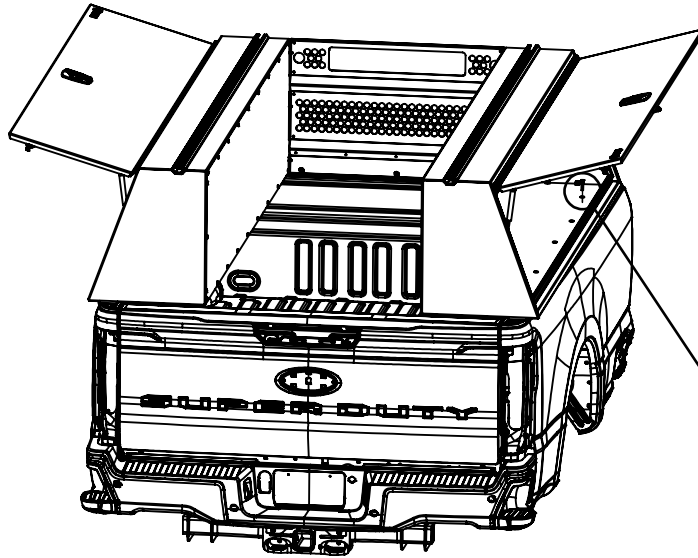
FOR 6' BEDS IGNORE Step 8.1 & 8.2,
USE PAINT PEN TO MARK 4 HOLES EVENLY SPACED IN
TOOL BOX AND TRUCK BED RAIL TO DRILL. CONTINUE
TO Step 8.3



STEP 10 - INSTALL 10 BED RAIL FASTENERS AND FULLY TIGHTEN

Step 10.1
REMOVE JIGS
FULLY TIGHTEN
(10)FAS0242,
(10)FAS0245,
(20)FAS0254 TO
SECURE BOXES
TO BED RAIL

1/2 WRENCH
1/2 SOCKET



Step 10.1

