



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

TOP, 96" RAM, KM23W

PRODUCT WEIGHT

336.45 LBS

WIDTH X DEPTH X HEIGHT

69.67" X 98.71" X 47.82"

CAPACITY

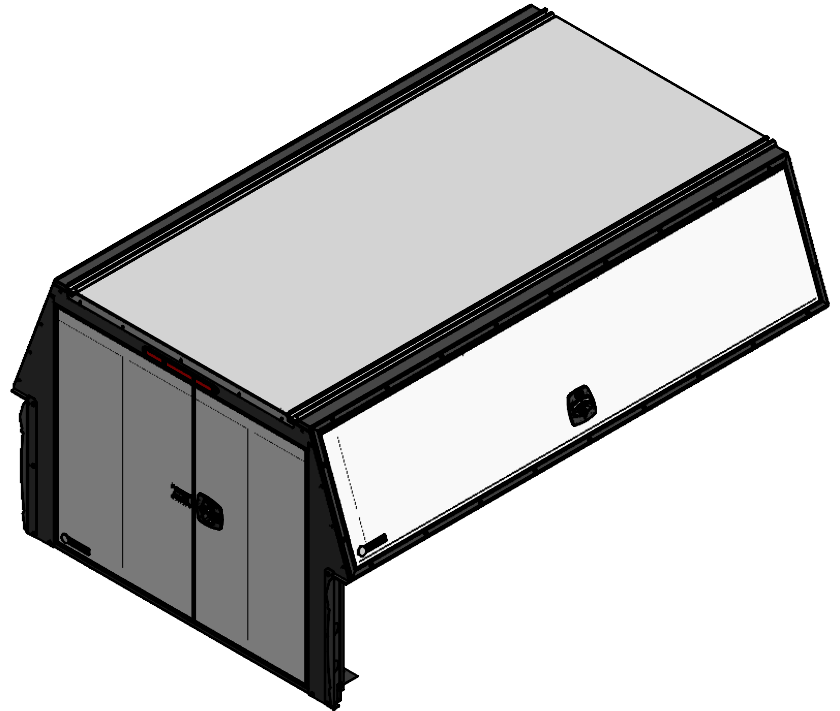
400# ROOF CAPACITY

COLOR

**WHITE PANELS
BLACK TRIM**

CATALOG NUMBER

TFKFDT196KM23W



PRODUCT FEATURES

THIS IS ADRIAN STEEL'S STANDARD ALUMINUM TOPPER FOR 8' BED RAM PICKUPS. PLEASE NOTE THAT THIS IS DESIGNED TO FIT THE 2019 M.Y. PICKUP BED.

TOPPER ROOF RAIL IS STANDARD, ALLOWING FOR HD-UTILITY, GRIP LOCK AND PROLIFT LADDER RACKS TO BE MOUNTED TO THE ROOF. MORE OPTIONS TO COME.

SIDE DOOR TOOLBOX MOUNTING IS AN OPTIONAL ACCESSORY FOR THIS KIT.

KIT INCLUDES MOUNTING HARDWARE, VEHICLE SPECIFIC TAILGATE COVER AND OEM SPECIFIC 3rd BRAKE LIGHT HARNESS. ALL 3 HANDLES WILL BE KEYED ALIKE.

TOPPER PANELS ARE 0.080 SHEET ALUMINUM, WITH MOST STRUCTURAL COMPONENTS CONSISTING OF 0.125 SHEET & EXTRUDED ALUMINUM.

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



TOP, 96" RAM, KM23W

CATALOG NUMBER TFKRAM196KM23W

TOOLBOX ACCESSORIES THAT WILL WORK WITH THIS PRODUCT.

***THE FIRST SET OF PARTS IS INDIVIDUALLY BOXED COMPONENTS.
THE SECOND SET CONTAINS COMPLETE SOLUTIONS KITS (i.e. LEVEL 8'S).***

CATALOG NUMBER	DESCRIPTION (smart)
<i>INTERIOR TOOLBOX COMPONENTS</i>	
TTBBK179320	TBOX, BODY KIT, 179320
TTBSDK1720	TBOX, SPL DIV KIT, 1720
TTBSK1746	TBOX, SHELF KIT, 1746
TTBSK1793	TBOX, SHELF KIT, 1793
TTBTDK1720	TBOX, TALL DIV KIT, 1720
<i>INTERIOR TOOLBOX CONFIGURATIONS (REFER TO WEBSITE)</i>	
TTB179320C01	TBOX CONFIG, 01
TTB179320C02	TBOX CONFIG, 02
TTB179320C03	TBOX CONFIG, 03
TTB179320C04	TBOX CONFIG, 04
TTB179320C05	TBOX CONFIG, 05
TTB179320C06	TBOX CONFIG, 06
TTB179320C07	TBOX CONFIG, 07
TTB179320C08	TBOX CONFIG, 08
TTB179320C09	TBOX CONFIG, 09
TTB179320C10	TBOX CONFIG, 10
TTB179320C11	TBOX CONFIG, 11

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**TOP, 96" RAM, KM23W****CATALOG NUMBER TFKRAM196KM23W****TOOLBOX ACCESSORIES THAT WILL WORK WITH THIS PRODUCT.**

**THE FIRST SET OF PARTS IS INDIVIDUALLY BOXED COMPONENTS.
THE SECOND SET CONTAINS COMPLETE SOLUTIONS KITS (i.e. LEVEL 8'S).**

CATALOG NUMBER	DESCRIPTION (smart)
LADDER RACK COMPONENTS	
URMBK4W	UTILITY, MNT BKT KT, RAIL, 4W
2BARTOPW	2BAR UTILITY RACK, TOP, W
PLSDPSLT6W	PROLIFT, STD, PS, LOW T, 6, W
PLSDDSLT6W	PROLIFT, STD, DS, LOW T, 6, W
PLMDPSLT6W	PROLIFT, MAX, PS, LOW T, 6, W
PLMDDSLT6W	PROLIFT, MAX, DS, LOW T, 6, W
PLMDPSMT6W	PROLIFT, MAX, PS, MID T, 6, W
PLMDDSM T6W	PROLIFT, MAX, DS, MID T, 6, W
GL-FSVPS	GL FULL SIZE VEHICLE PS
GL-FSVDS	GL FULL SIZE VEHICLE DS
LADDER RACK KITS	
PLS61LT6	PROLIFT SGL STD DR 6' TOP
PLS63LT6	PROLIFT DBL STD DR 6' TOP
PLS64LT6	PROLIFT CMB STD DR 6' TOP
PLS65LT6	PROLIFT-UT CMB SDR 6' TOP
GL61LT6	SGL GL, 8'+ TOPPER
GL63LT6	DUAL GL, 8'+ TOPPER
2B6TOPW	2-BAR UTY RK TOP 6" UPRT
PLM61LT6	PROLFT SGL SIDE MAX 6'
PLM63LT6	PROLFT DUAL SIDE MAX 6'

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***TOP, 96" RAM, KM23W*****CATALOG NUMBER TFKRAM196KM23W*****LIGHTING ACCESSORIES THAT WILL WORK WITH THIS PRODUCT***

CATALOG NUMBER	DESCRIPTION (smart)
<i>LIGHTING KITS</i>	
79987	KIT,P&P WITOP INT SOL RT8
79988	KIT,P&P WITOP 1PS RT 8'
79989	KIT,P&P WITOP 1DS RT 8'
79990	KIT,P&P WITOP PS&DS RT 8'
<i>E-LOCK KIT</i>	
TELB03	E-LOCK CREW,DRIVER,8

INSTR. : 77454

PG: 1

REV: E

PART : TFKFDT178KM23W

PART • ASM INS, TFK KM23W /
DESC. • JM23W & 26W

NOTE: THESE INSTRUCTIONS
ARE VALID FOR ALL TFK FULL
BARN DOOR TOPPER KITS.

INSTRUCTIONS SHOWS F-150
6.5' BODY DURING
INSTALLATION

FASTENER AND HOLE
COUNTS MAY BE DIFFERENT
BETWEEN TOPPER KITS.

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178KM23W
BECOMES TFKFDT178KE23W

BOM FOR 6.5' FORD F-150

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK78M23W	TOP, SIDE KIT,78",M,23,W	2
2	TCKFDT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK7823W	TOP, ROOF KIT,78",23,W	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKGMT1K	HDW KIT, CAM, F-150, W/ ADPTR	1

* E-LOCK VERSION SWAP TMLHK WITH TELH09

TOOLS NEEDED:

- 11/32" DRILL BIT
- 1/2" WRENCH & SOCKET
- 7/16" WRENCH & SOCKET
- 10mm SOCKET
- 8mm SOCKET
- 4mm ALLEN
- 3/16" ALLEN
- 5/32" ALLEN
- DRIVE RATCHET / IMPACT
- SCISSORS
- TAPE MEASURE
- ALIGNMENT PUNCH
- ROLLER
- T40 TORX BIT
- PLUSNUT TOOL OR GUN

INSTR.
NUMBER : **77454**

PG:
2

REV:
E

PART
NUMBER : **TFKFDL166KM23W**

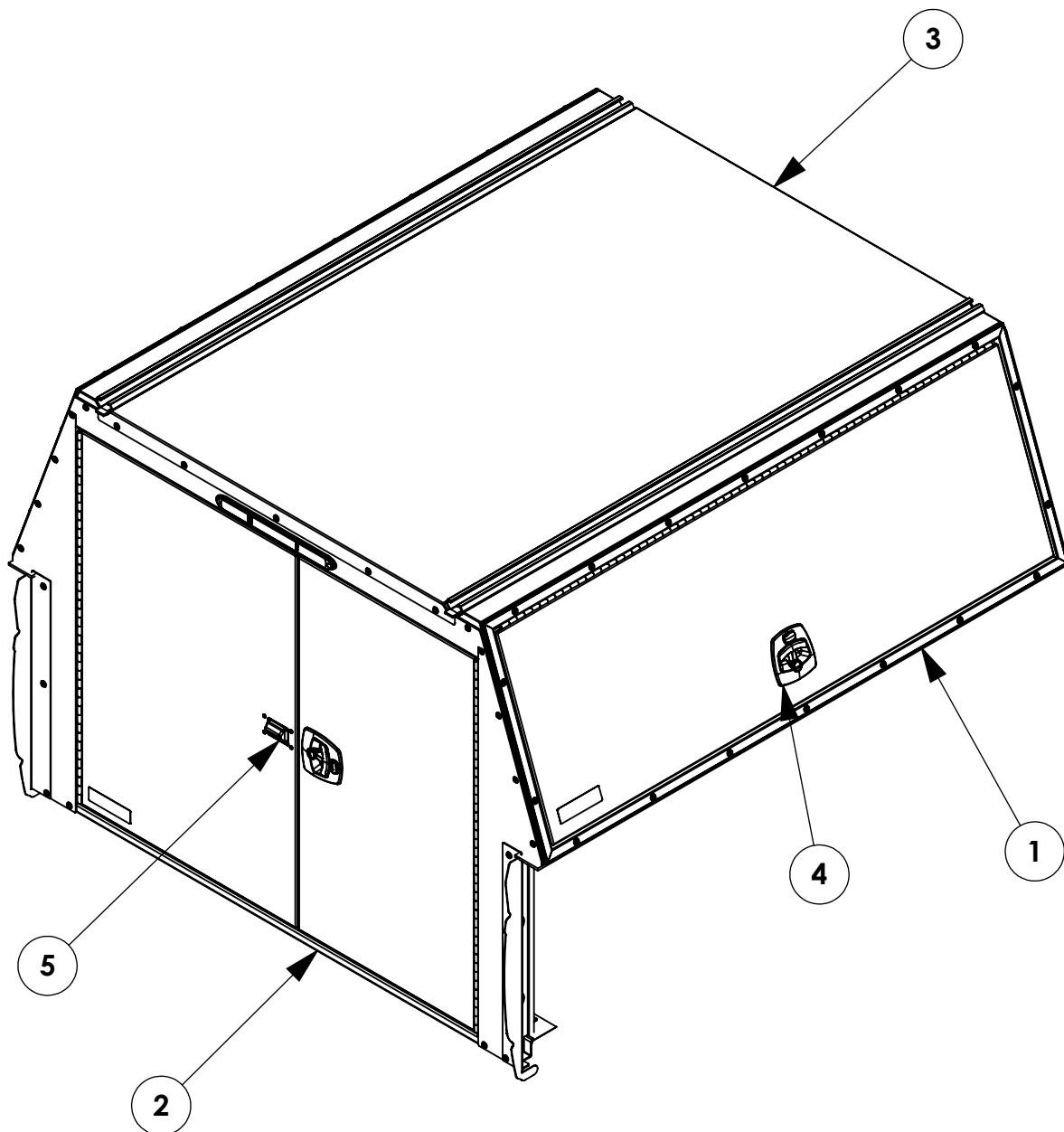
PART • ASM INS, TFK _____ KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT166KM23W
BECOMES TFKFDT166KE23W

BOM FOR 5.5' FORD LIGHTNING

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK66M23W	TOP, SIDE KIT, 66", M, 23, W	2
2	TCKFDT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK6623W	TOP, ROOF KIT, 66", 23, W	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDL1K	HDW KIT, CAM, F-150, W/ ADPTR	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH04**



INSTR.
NUMBER : 77454

PG: 3

REV: E

PART
NUMBER : TFKFDT166KM23W

PART • ASM INS, TFK_____KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT166KM23W
BECOMES TFKFDT166KE23W

BOM FOR 5.5' FOR F-150 ICE & HYBRID

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK66M23W	TOP, SIDE KIT,66",M,23,W	2
2	TCKFDT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK6623W	TOP, ROOF KIT,66",23,W	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT1K	HDW KIT, CAM, F-150, W/ ADPTR	1

* E-LOCK VERSION SWAP TMLHK WITH TELH04

The diagram shows an exploded view of a truck camper assembly. Callout 1 points to the side kit (TSK66M23W) on the right side of the camper. Callout 2 points to the top/bottom close kit (TCKFDT1BM23) at the front of the camper. Callout 3 points to the roof kit (TRK6623W) on the top surface. Callout 4 points to the topper mechanical lock hatch kit (TMLHK) on the front door. Callout 5 points to the hardware kit (TEKFDT1K) on the front door.

INSTR. : 77454
NUMBER

PG: 4

REV: E

PART : TFKFDT196KM23W
NUMBER

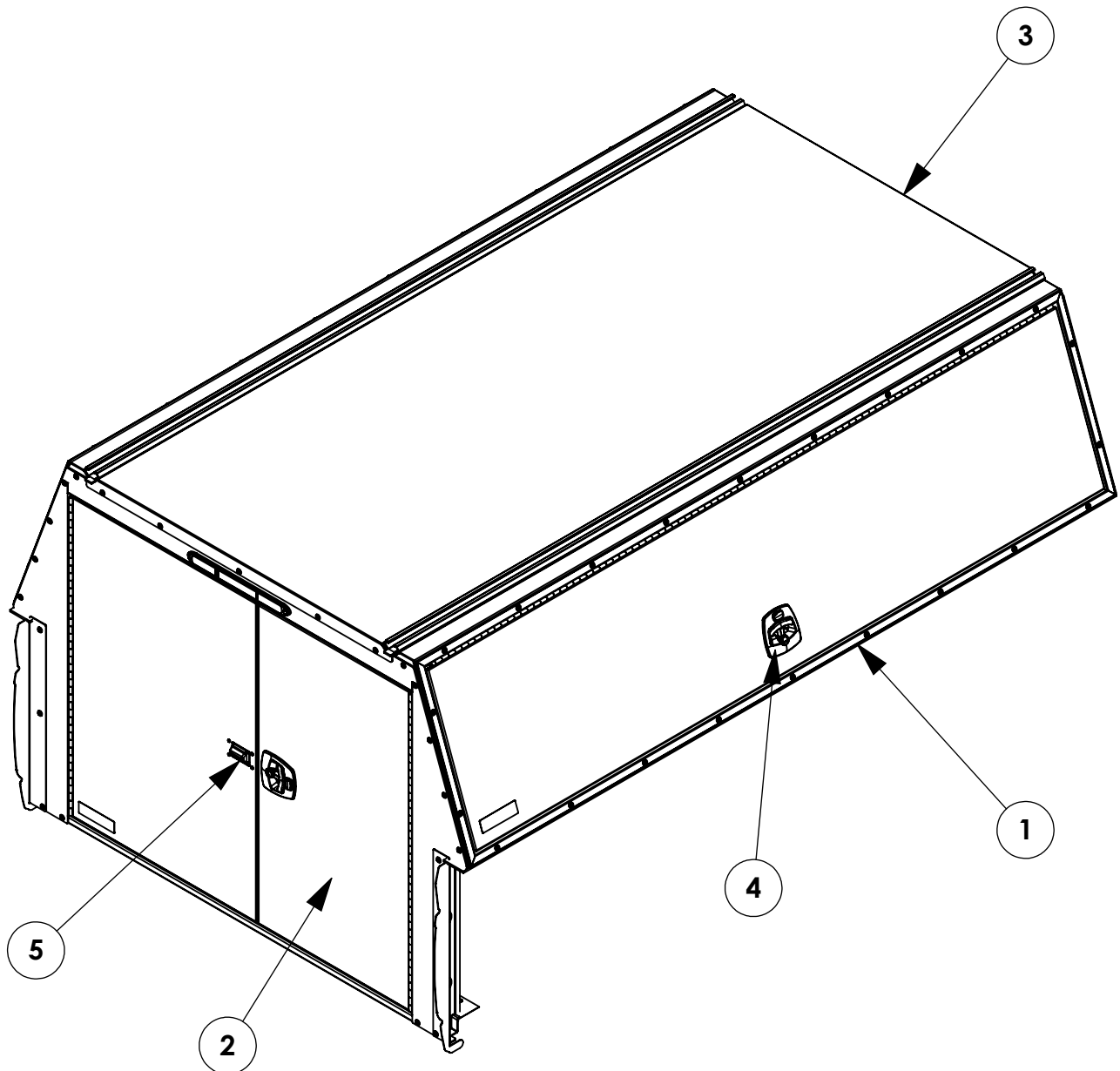
PART • ASM INS, TFK_____KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT196KM23W
BECOMES TFKFDT196KE23W

BOM FOR 8.0' FORD F-150

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCKFDT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT1K	HDW KIT, CAM, F-150, W/ ADPTR	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH10**



INSTR. NUMBER	: 77454	PG: 5	REV: E
PART NUMBER	• TFKFDT280JM26W • TFKFDT280KM26W		
PART DESC.	• ASM INS, TFK_____KM23W / • JM23W & 26W		

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT280JM26W
BECOMES TFKFDT280JE26W

BOM FOR 6.8' FORD F-250

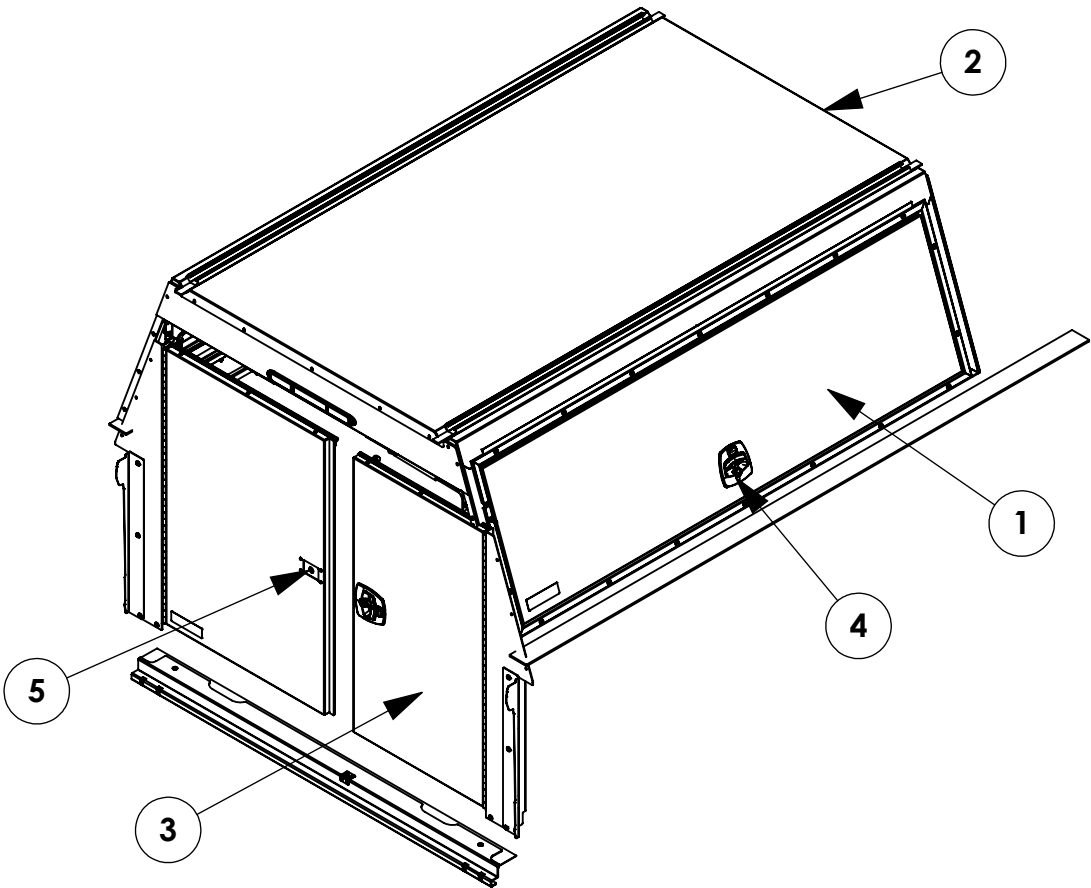
TFKFDT280KM26W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK80M26W	TOP, SIDE KIT,80",M,26,W	2
2	TRK8026W	TOP, ROOF KIT,80",26,W	1
3	TCKFDT2BM26	TOP, BD CLOSE KIT, F-250	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT2J	HDW KIT, CAMERA, F250 ANALOG	1

TFKFDT280KM26W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK80M26W	TOP, SIDE KIT,80",M,26,W	2
2	TRK8026W	TOP, ROOF KIT,80",26,W	1
3	TCKFDT2BM26	TOP, BD CLOSE KIT, F-250	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT2K	HDW KIT, CAM, F-250, W/ ADPTR	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH05**



INSTR. : 77454
NUMBER

PG: 6
REV: E

PART • TFKFDT296JM26W
NUMBER • TFKFDT296KM26W

PART • ASM INS, TFK _____ KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT296JM26W
BECOMES TFKFDT296JE26W

BOM FOR 8' FORD F-250

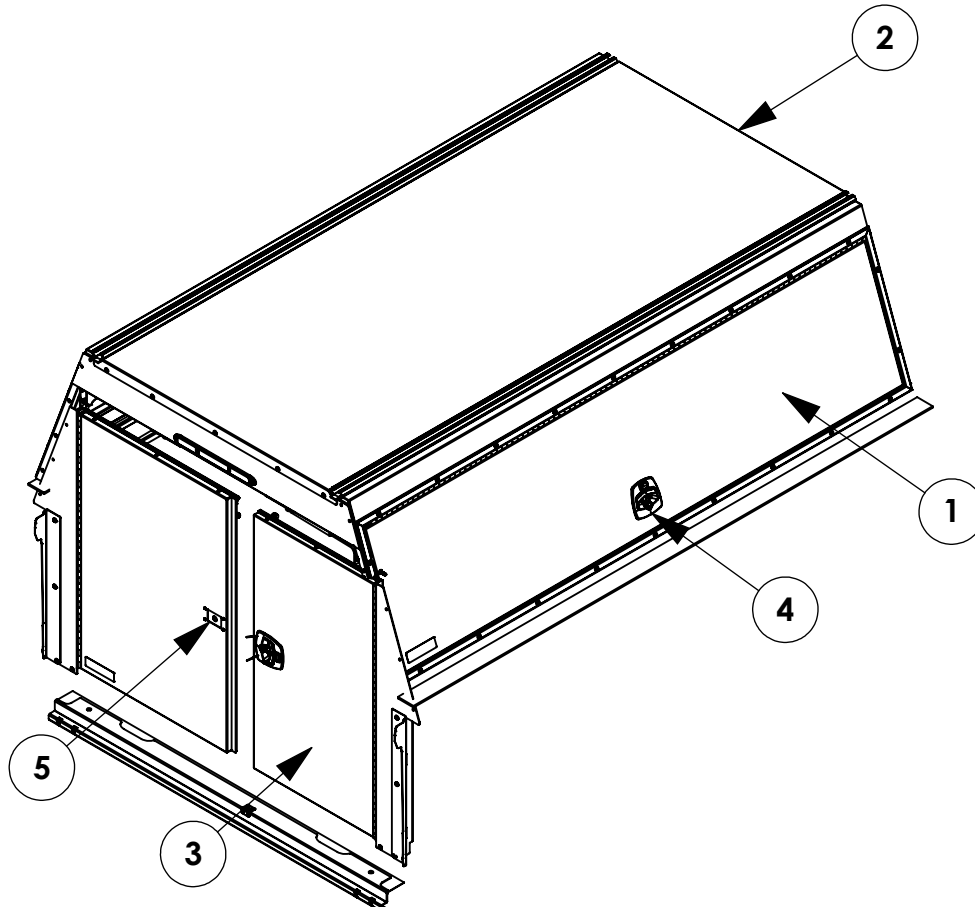
TFKFDT296JM26W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TRK9623W	TOP, ROOF KIT,96",23,W	1
3	TCKFDT2BM26	TOP, BD CLOSE KIT, F-250	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT2J	HDW KIT, CAMERA, F250 ANALOG	1

TFKFDT296KM26W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TRK9623W	TOP, ROOF KIT,96",23,W	1
3	TCKFDT2BM26	TOP, BD CLOSE KIT, F-250	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKFDT2K	HDW KIT, CAM, F-250, W/ ADPTR	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH06**



INSTR.
NUMBER : **77454**

PG:
7

REV:
E

PART
NUMBER : **TFKCOL160KM23W**

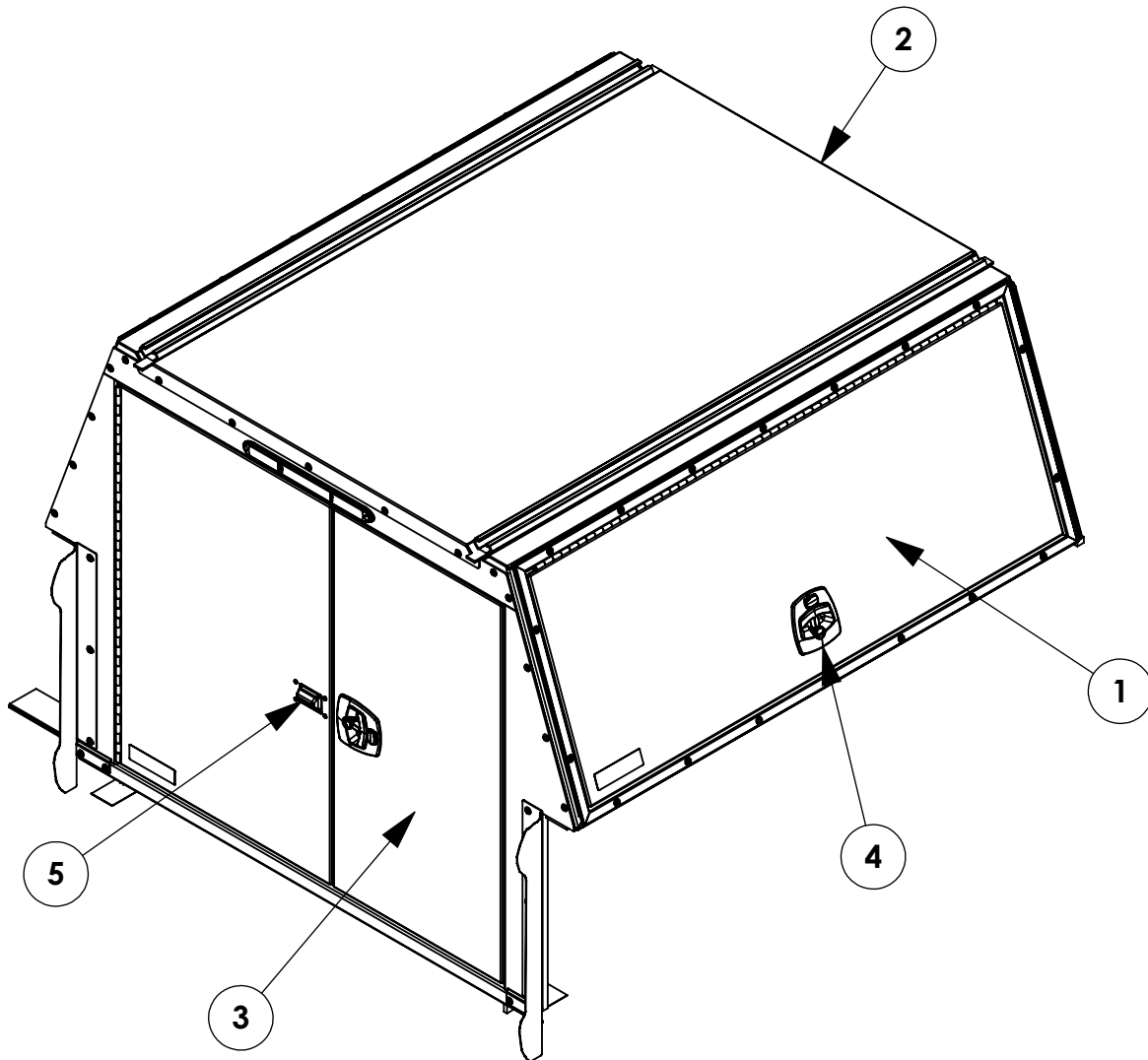
PART • ASM INS, TFK_____KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKCOL160KM23W
BECOMES TFKCOL160KE26W

BOM FOR CHEVROLET COLORADO

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSKCOL60M23W	TOP, SIDE KIT,60",M,23,W	2
2	TRK6123W	TOP, ROOF KIT,61",23,W	1
3	TCKCOL1BM23	OP, BD CLOSE KIT, COLORADO	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKCOL1K	HDW KIT, CAM, COLORADO	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH04**



INSTR.
NUMBER : **77454**

PG:
8

REV:
E

PART
NUMBER : **TFKGMT178KM23W**

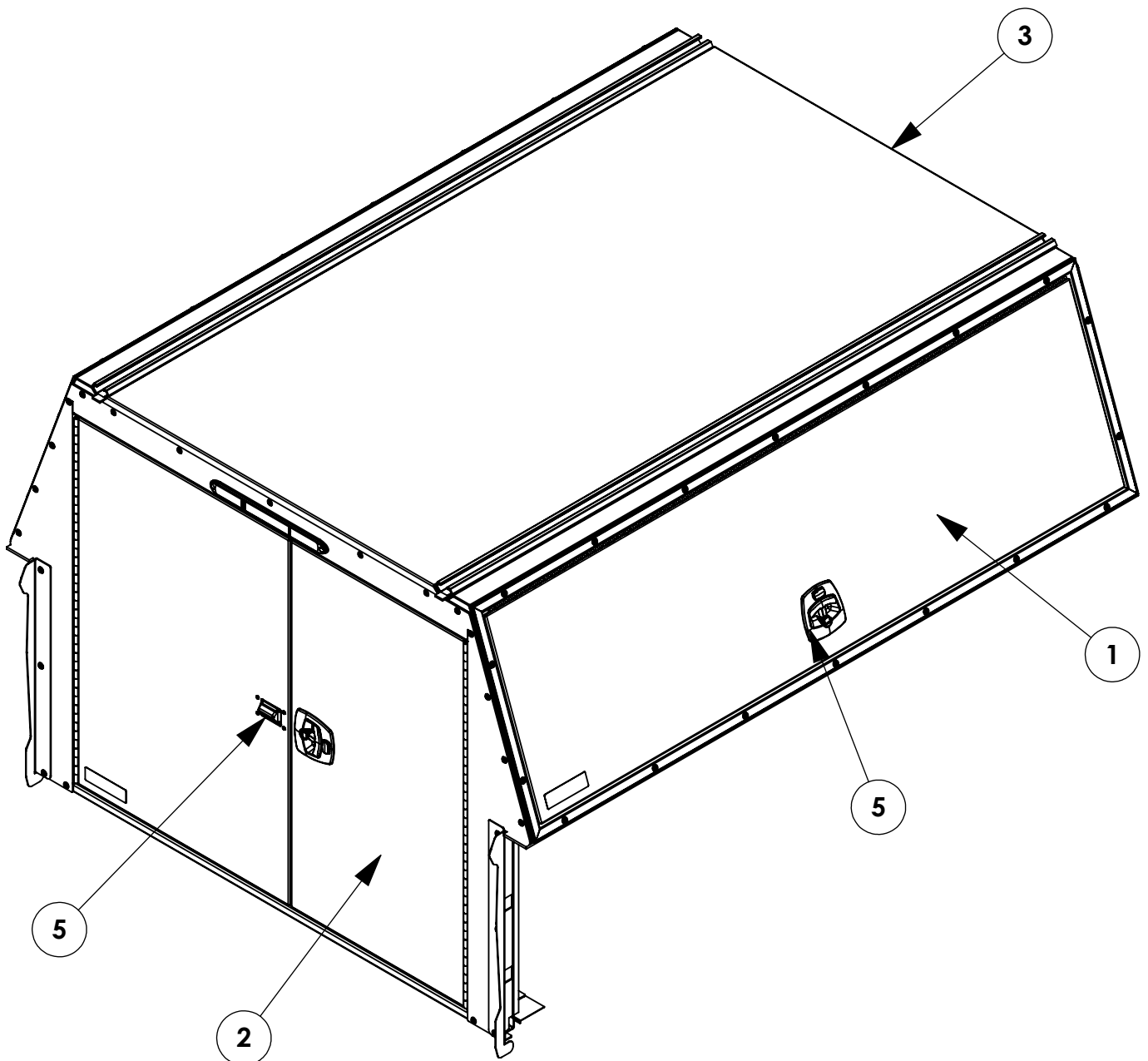
PART • ASM INS, TFK_____KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKGMT178KM23W
BECOMES TFKGMT178KE23W

BOM FOR 6.5' CHEVROLET SILVERADO 1500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK78M23W	TOP, SIDE KIT,78",M,23,W	2
2	TCKGMT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK7823W	TOP, ROOF KIT,78",23,W	1
4	TEKFDT1K	HDW KIT, CAM, F-150, W/ ADPTR	1
5	TMLHK	TOPPER MECHANICAL LOCK HATCH KIT	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH05**



INSTR.
NUMBER : **77454**

PG:
9

REV:
E

PART
NUMBER : **TFKGMT196KM23W**

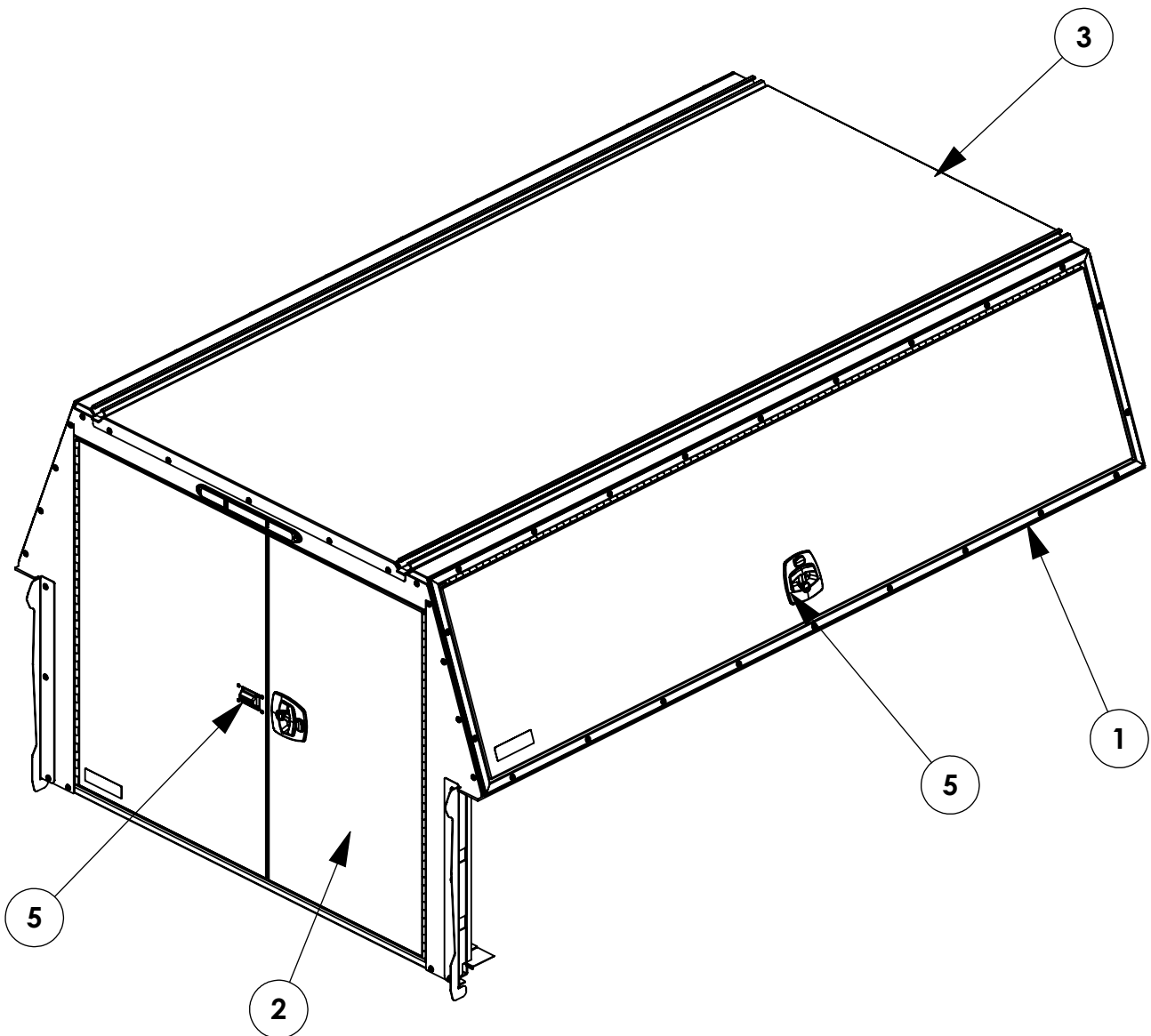
PART • ASM INS, TFK_____KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKGMT196KM23W
BECOMES TFKGMT196KE23W

BOM FOR 8.0' CHEVROLET SILVERADO 1500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCKGMT1BM23	TOP, BD CLOSE KIT, F-150	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	TEKFDT1K	HDW KIT, CAM, F-150, W/ ADPTR	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH10**

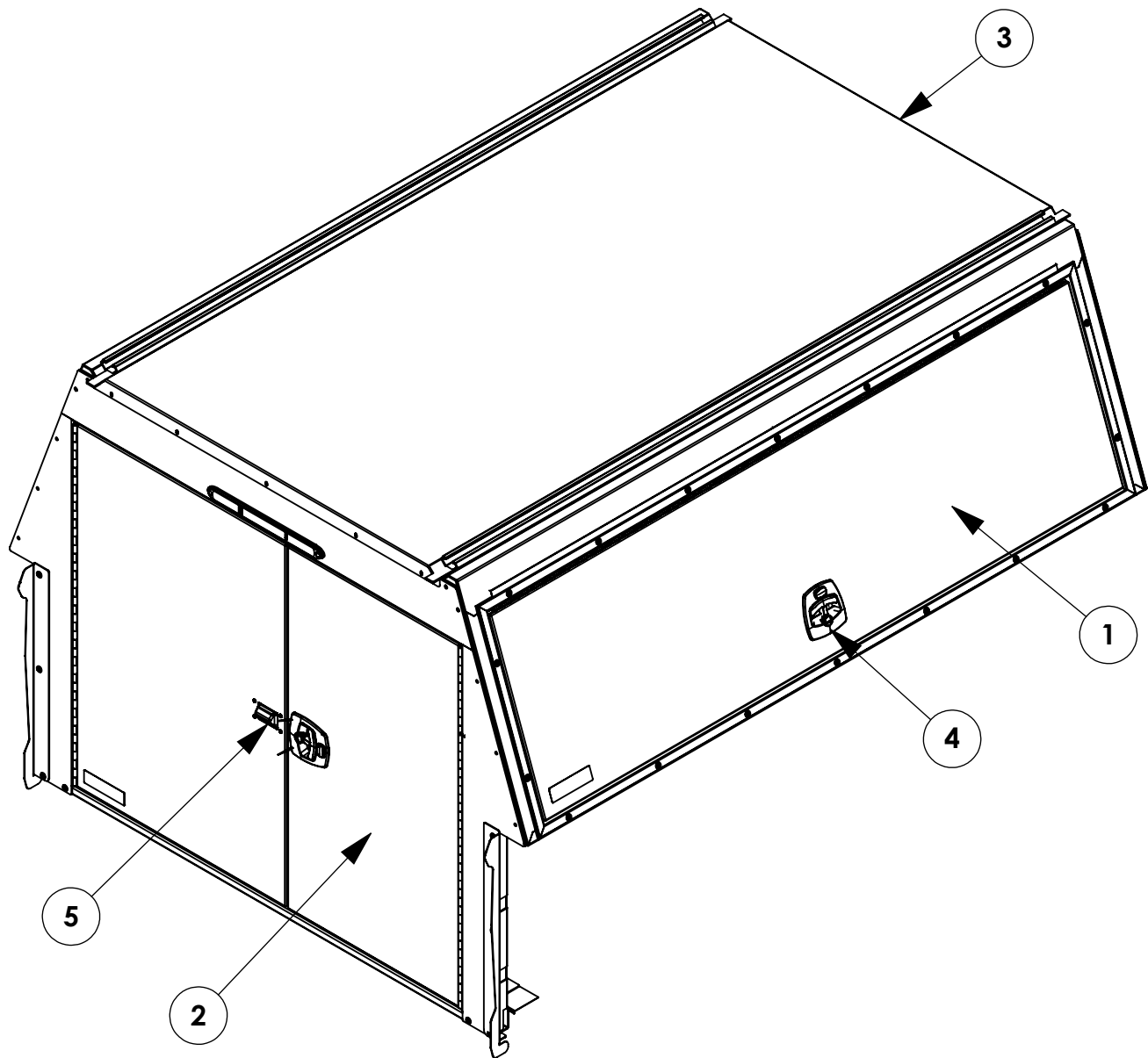


INSTR. NUMBER	: 77454	
	PG: 10	REV: E
PART NUMBER	: TFKGMT280KM26W	
PART	• ASM INS, TFK_____KM23W /	
DESC.	• JM23W & 26W	

E-LOCK VERSIONS:
 SWAP M WITH E IN PART NUMBER
 EXAMPLE: TFKGMT280KM23W
 BECOMES TFKGMT280E23W

BOM FOR 6.7' CHEVROLET SILVERADO 2500			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK80M26W	TOP, SIDE KIT,80",M,26,W	2
2	TCKGMT2BM26	TOP, BD CLOSE KIT, 2500	1
3	TRK8026W	TOP, ROOF KIT,80",26,W	1
4	TMLHK	TOPPER MECHANICAL LOCK HATCH KIT	1
5	TEKGMT1K	HDW KIT, CAM, F-150, W/ ADPTR	1

* E-LOCK VERSION SWAP TMLHK WITH TELH05



INSTR.
NUMBER : **77454**

PG:
11

REV:
E

PART
NUMBER : **TFKGMT296KM23W**

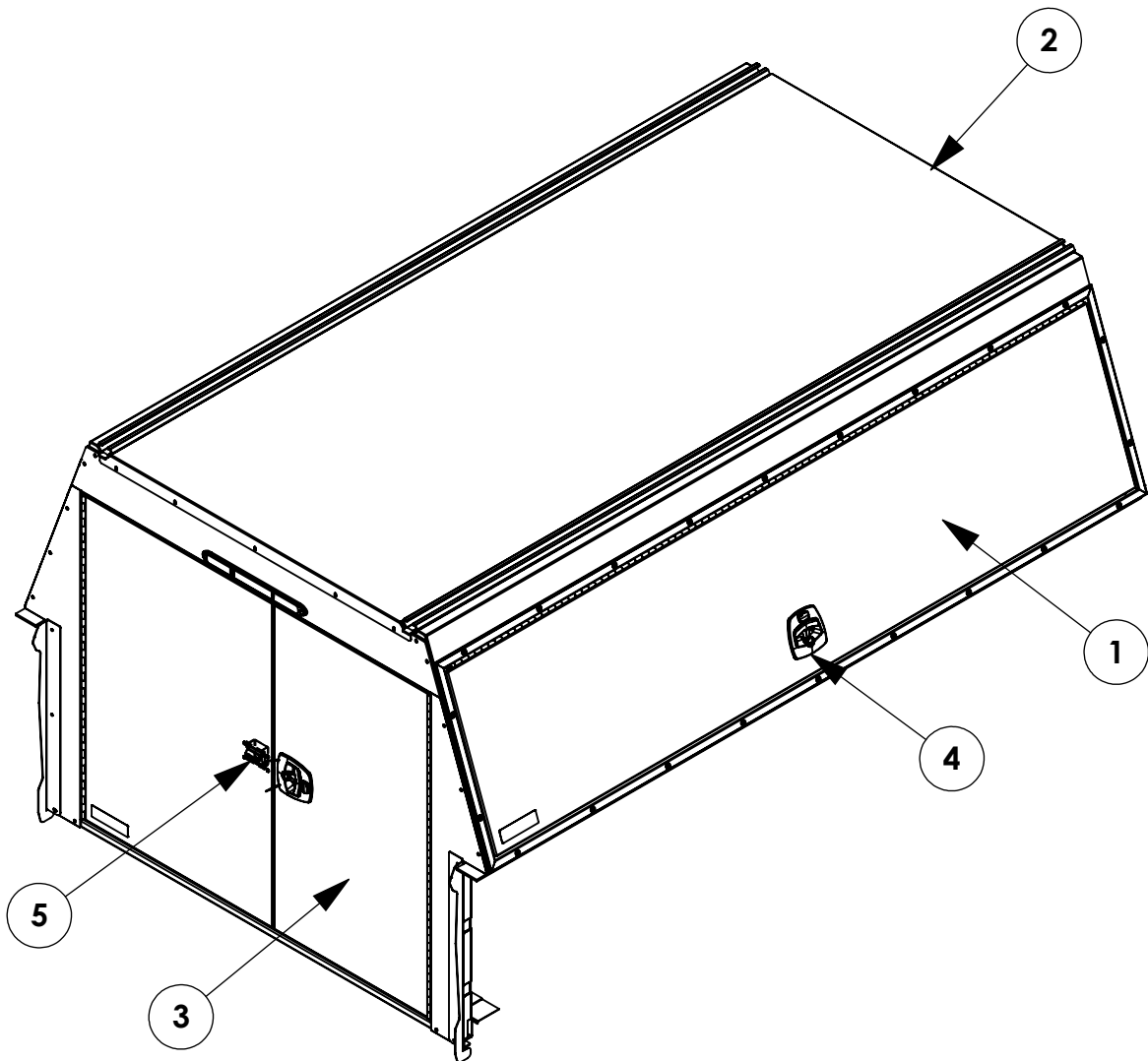
PART :
DESC. : ASM INS, TFK_____KM23W /
JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKGMT296KM23W
BECOMES TFKGMT296KE23W

BOM FOR 8.0' CHEVROLET SILVERADO 2500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TRK9623W	TOP, ROOF KIT,96",23,W	1
3	TCKGMT2BM26	TOP, BD CLOSE KIT, SILV 2500	1
4	TMLHK	TOPPER MECHANICAL LOCK HATCH KIT	1
5	TEKGMT1K	HDW KIT, CAM, F-150, W/ ADPTR	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH10**



INSTR.
NUMBER : **77454**

PG:
12

REV:
E

PART
NUMBER : **TFKRAM167KM23W**

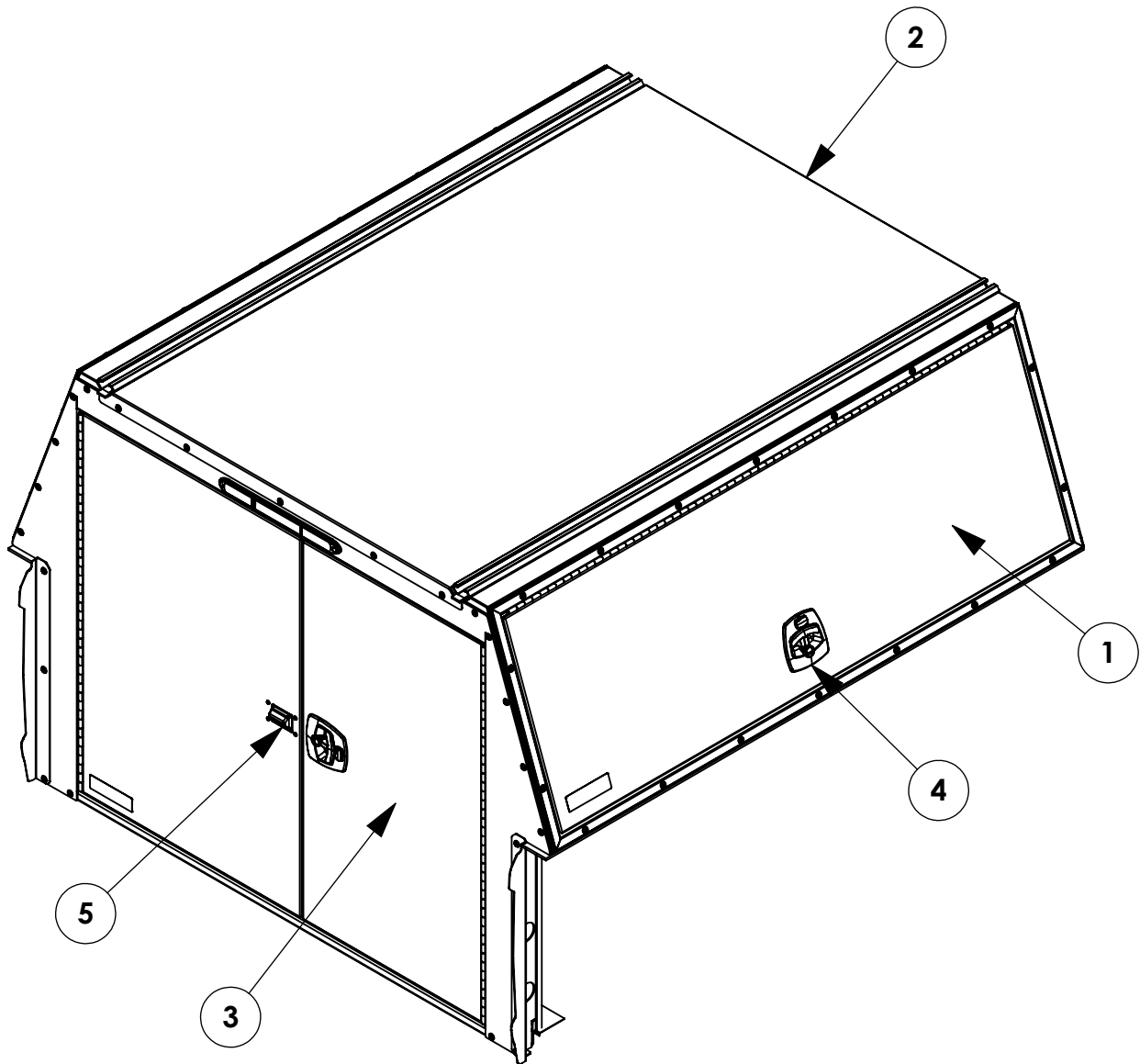
PART • ASM INS, TFK _____ KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKRAM167KM23W
BECOMES TFKRAM167KE23W

BOM FOR 5.7' RAM1500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK66M23W	TOP, SIDE KIT,66",M,23,W	2
2	TRK6623W	TOP, ROOF KIT,66",23,W	1
3	TCKRAM1BM23	TOP, BD CLOSE KIT, F-150	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKRAM1K	HDW KIT, CAM, RAM 1500	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH10**



INSTR.
NUMBER : **77454**

PG:
13

REV:
E

PART
NUMBER : **TFKRAM175KM23W**

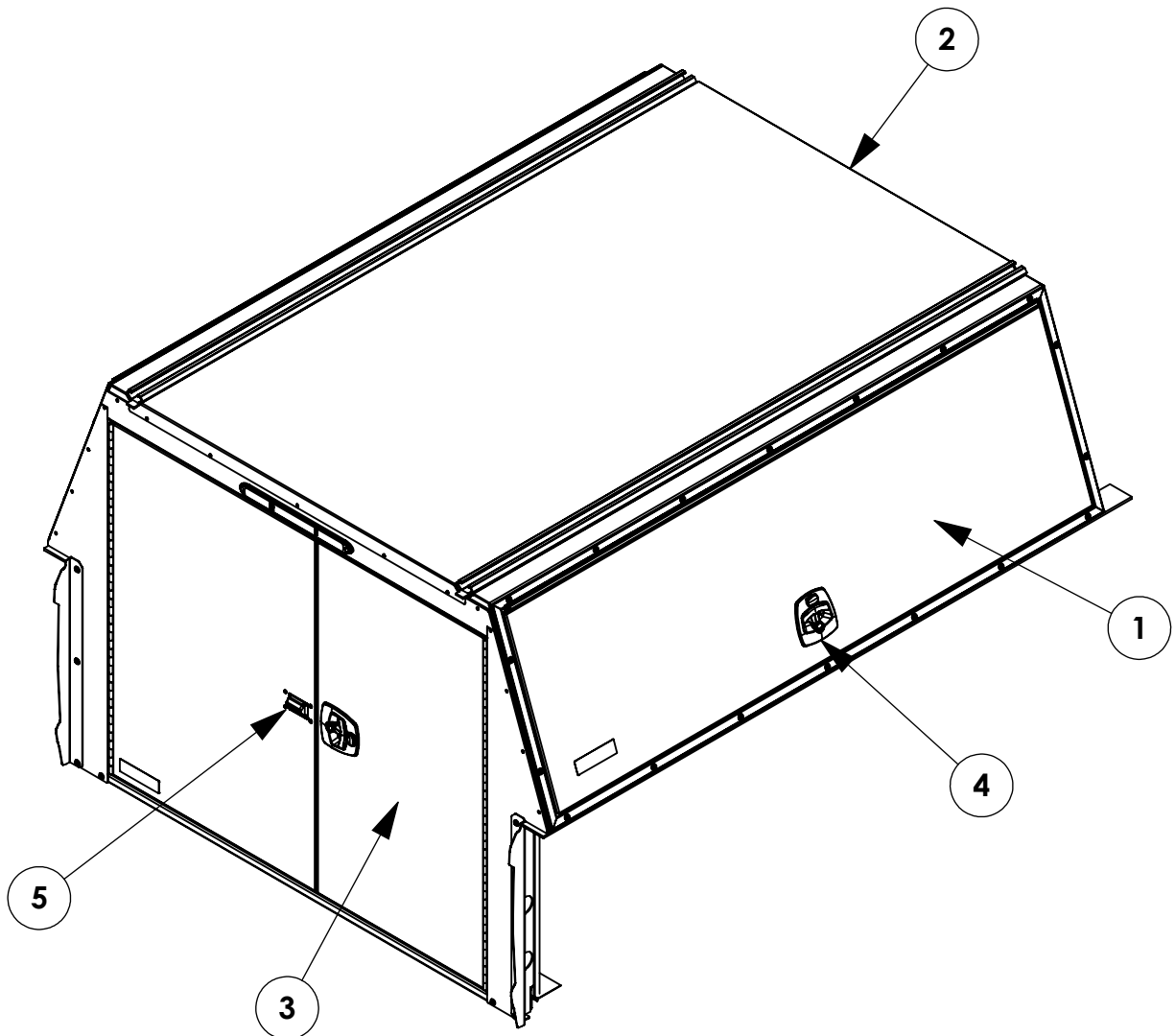
PART • ASM INS, TFK _____ KM23W /
DESC. • JM23W & 26W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKRAM175KM23W
BECOMES TFKRAM175KE23W

BOM FOR 75" RAM 1500

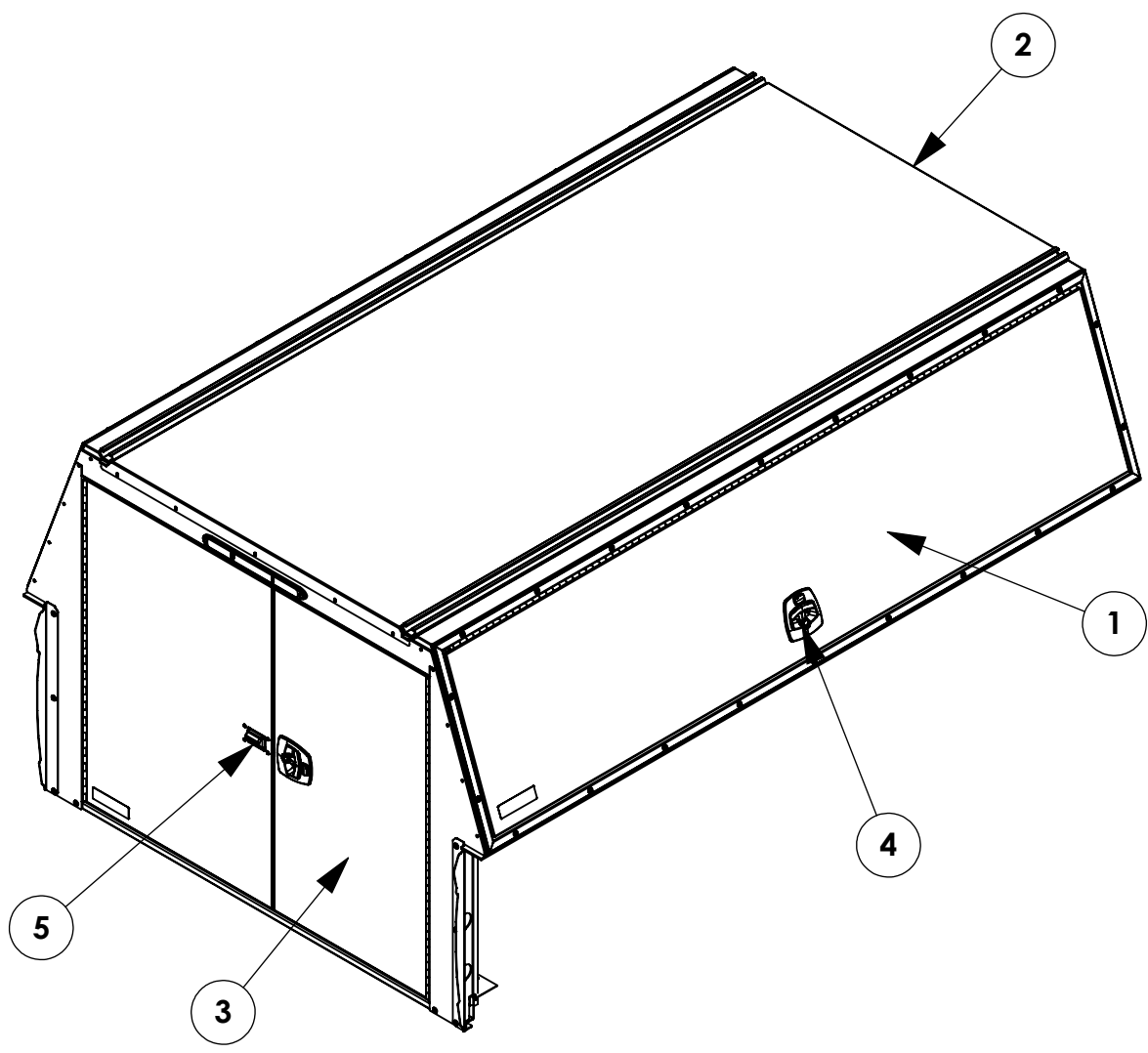
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK75M23W	TOP, SIDE KIT, 78" RAM	2
2	TRK7523W	TOP, ROOF PANEL KIT, RAM	1
3	TCKRAM1BM23	TOP, BD CLOSE KIT, RAM	1
4	TMLHK	Topper Mechanical Lock Hatch Kit	1
5	TEKRAM1K	HDW KIT, CAM, RAM 1500	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH10**



INSTR. : 77454		PG: 14	REV: E	BOM FOR 96" RAM 1500			
PART : TFKRAM196KM23W				ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : ASM INS, TFK_____KM23W /				1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
DESC. : JM23W & 26W				2	TRK9623W	TOP, ROOF KIT,96",23,W	1
E-LOCK VERSIONS: SWAP M WITH E IN PART NUMBER EXAMPLE: TFKRAM196KM23W BECOMES TFKRAM196E23W				3	TCKRAM196BM23	TOP, BD CLOSE KIT, RAM, 8 FT BED	1
				4	TMLHK	Topper Mechanical Lock Hatch Kit	1
				5	TEKRAM1K	HDW KIT, CAM, RAM 1500	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH03**



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.

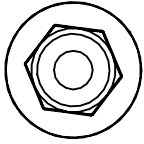
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

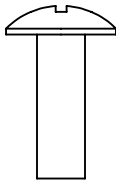
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

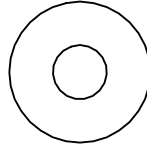
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED**BAG REFERENCE: ALL**

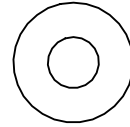
FAS0055
1/4-20 ZP
HFLNG NLK NUT
QTY: 29



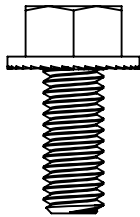
FAS0062
1/4-20 X 0.75 ZP
THP SCREW
QTY: 9



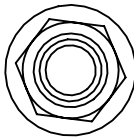
FAS0067
1/4 ZP
FLAT WASHER
QTY: 9



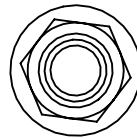
FAS0234
1/4 SST
FLAT WASHER
QTY: 44



FAS0438
5/16-18 X .75 ZP
HFNLG SCREW
QTY: 20



FAS0440
5/16-18 ZP
HFLNG NLK NUT
QTY: 20



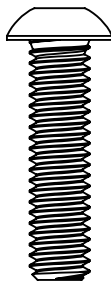
FAS0861
5/16-18 SST
HFLNG NLK NUT
QTY: 4



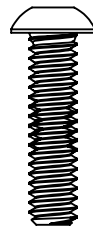
FAS0917
M5 X .8 ZP
HFLNG NLK NUT
QTY: 8



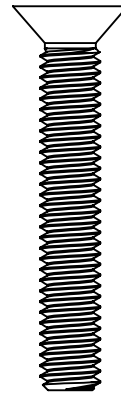
FAS0918
10-24 ZP
HFLNG NLK NUT
QTY: 4



FAS0919
5/16-18 X 1.25 SST
BHC SCREW
QTY: 12



FAS0920
1/4-20 X 1.0 SST
BHC SCREW
QTY: 44

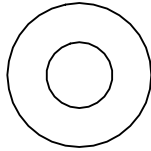


FAS1279
5/16-18 X 2.0 SST
FHT SCREW
QTY: 2

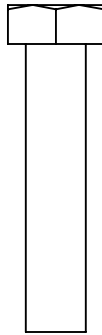
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FASTENERS USED

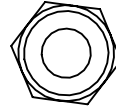
BAG REFERENCE: ALL



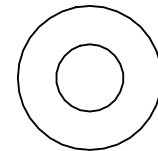
FAS0164
5/16 ALUM
FLAT WASHER
QTY: 8



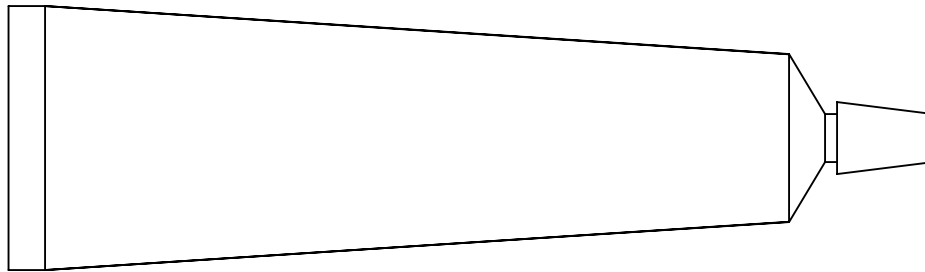
FAS0242
5/16-18 X 1.5 SST
HH SCREW
QTY: 8



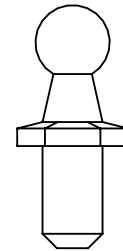
FAS0248
5/16-18 SST
HH NLK NUT
QTY: 8



FAS0552
5/16 SST
FLAT WASHER
QTY: 20



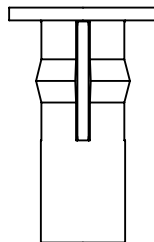
26618-0
1 OZ TUBE
SILICONE
QTY: 2



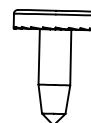
30015-0
THREADED BALL STUD
QTY: 4



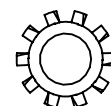
FAS0711
1/4-20 BK PH
SPRING CLIP
QTY: 4



FAS0222
5/16-18 PB WS450
PLUSNUT
QTY: 2



FAS0148
#10 X .50 NI-ZN
PH SELF TAP SCREW
QTY: 1

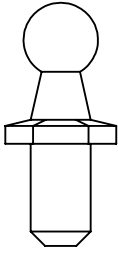


FAS0066
1/4
EXT TOOTH
LOCK WASHER
QTY: 1

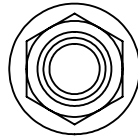
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FASTENERS USED

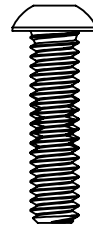
BAG REFERENCE: BAG77939



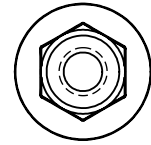
**30015-0
THREADED BALL STUD
QTY: 4**



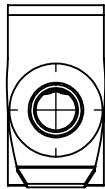
**FAS0861
NUT, HEX NLK FLG,
5/16-18, SS
QTY: 4**



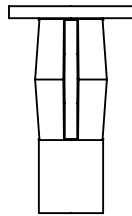
**FAS0920
SCREW, BHCS,
1/4-20X1.0, SS
QTY: 6**



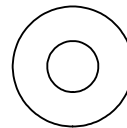
**FAS0055
NUT, HEX NLK FLG,
1/4-20, ZP
QTY: 12**



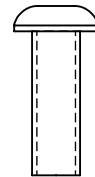
**FAS0711
SPRING, CLIP,
1/4-20, BK PH
QTY: 4**



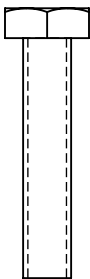
**FAS0052
PLUSNUT,
1/4-20, PB DC
QTY: 2**



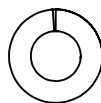
**FAS0234
WASHER, FLAT,
1/4, SST
QTY: 18**



**FS0576
SCREW, BHCS,
1/4-20X.75, SSW
QTY: 10**



**FAS0671
SCRW, HEX HD,
1/4-20X1.25, SS
QTY: 2**



**FAS0672
WASHER, LOCK, SPLIT
1/4, SST
QTY: 6**

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PAGE:

22

FASTENERS USED

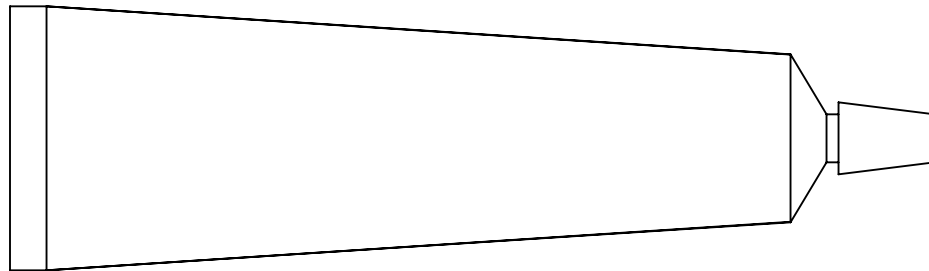
BAG REFERENCE: BAG76637



**FAS0917
M5 X .8 ZP
HFLNG NLK NUT
QTY: 12**



**FAS0918
10-24 ZP
HFLNG NLK NUT
QTY: 6**



**26618-0
1 OZ TUBE
SILICONE
QTY: 1**

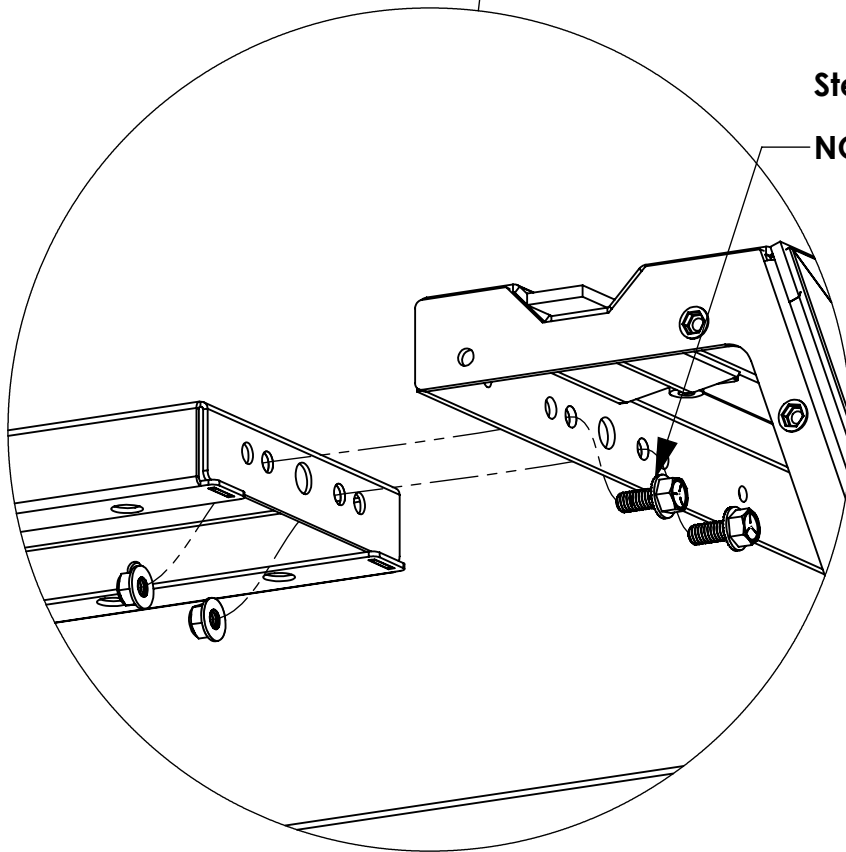
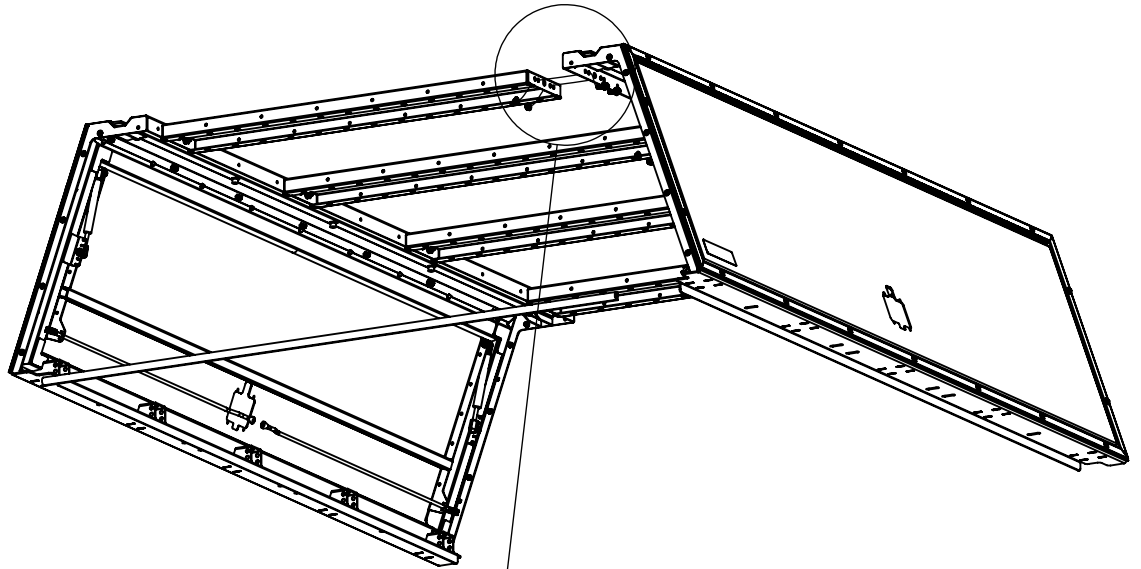
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STEP 1 - ASSEMBLE BODY FRAME: SIDES AND CROSSBOWS

Step 1.1
OPEN [x2]
TOPPER SIDE
KITS
[TSK78M23W]

Step 1.2
OPEN TOPPER
ROOF KIT
[TRK7823W]

Step 1.3
FULLY TIGHTEN
FAS0438 AND
FAS0440
(16 PLACES)
1/2" WRENCH
1/2" SOCKET



Step 1.3

NOTE: Nut inboard

STEP 2 - ATTACH HARDWARE: SIDE DOOR HANDLES, FRONT & REAR SEALS

Step 2.1
CUT ZIP TIES
THAT ARE
HOLDING
LOCKRODS IN
PLACE

!! CAUTION !!
DOORS MAY
TRY TO OPEN

Step 2.2
ATTACH HANDLE
TO DOOR

FULLY TIGHTEN
FAS0917
(4 PER DOOR)
10mm SOCKET

DO NOT
OVERTIGHTEN

Step 2.3
ATTACH
LOCKRODS TO
HANDLE

FULLY TIGHTEN
FAS0918
(2 PLACES)
8mm SOCKET

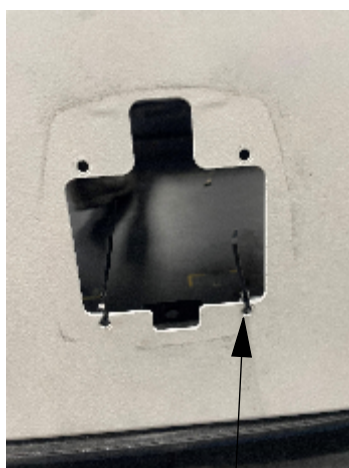
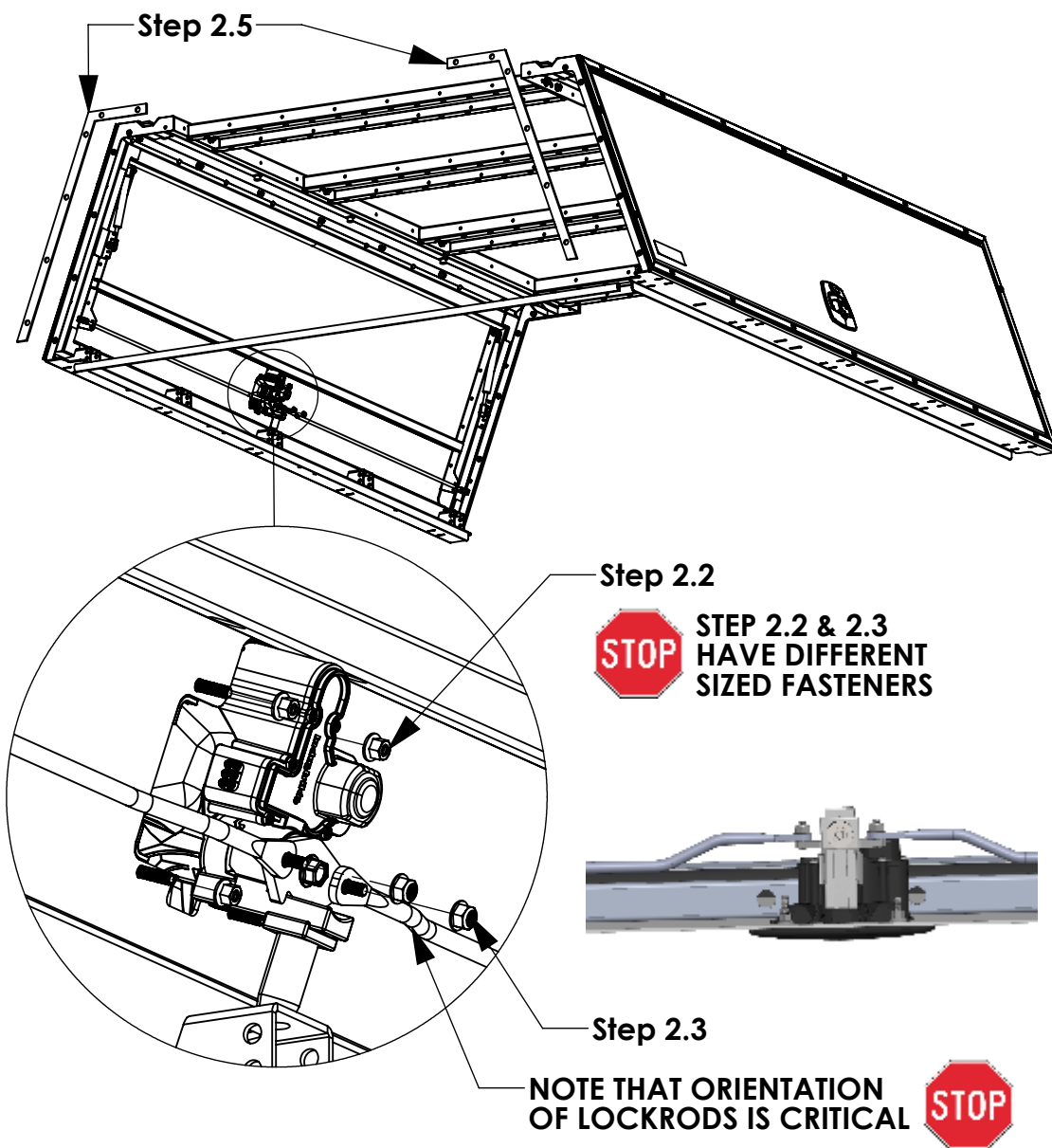
DO NOT
OVERTIGHTEN

Step 2.4
ADJUST HANDLE
POINT TO ALIGN
WITH CASTING
LINE ON HANDLE
BODY
(APPROX: 1.0")

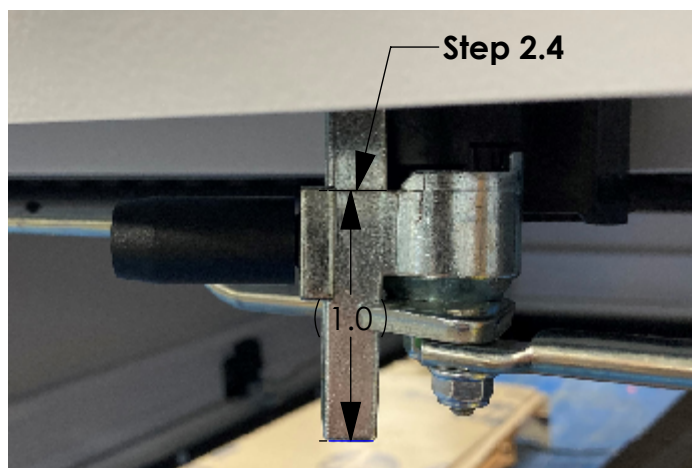
FULLY TIGHTEN
4mm ALLEN
(2 PLACES)

Step 2.5
APPLY FOAM
SEALS TO ALL
CORNERS

USE HOLES IN
SEAL TO ALIGN
MATERIAL



Step 2.1



STEP 3 - ATTACH FRONT PANEL

Step 3.1
OPEN TOPPER
CLOSURE KIT
[TCK78HM23W]

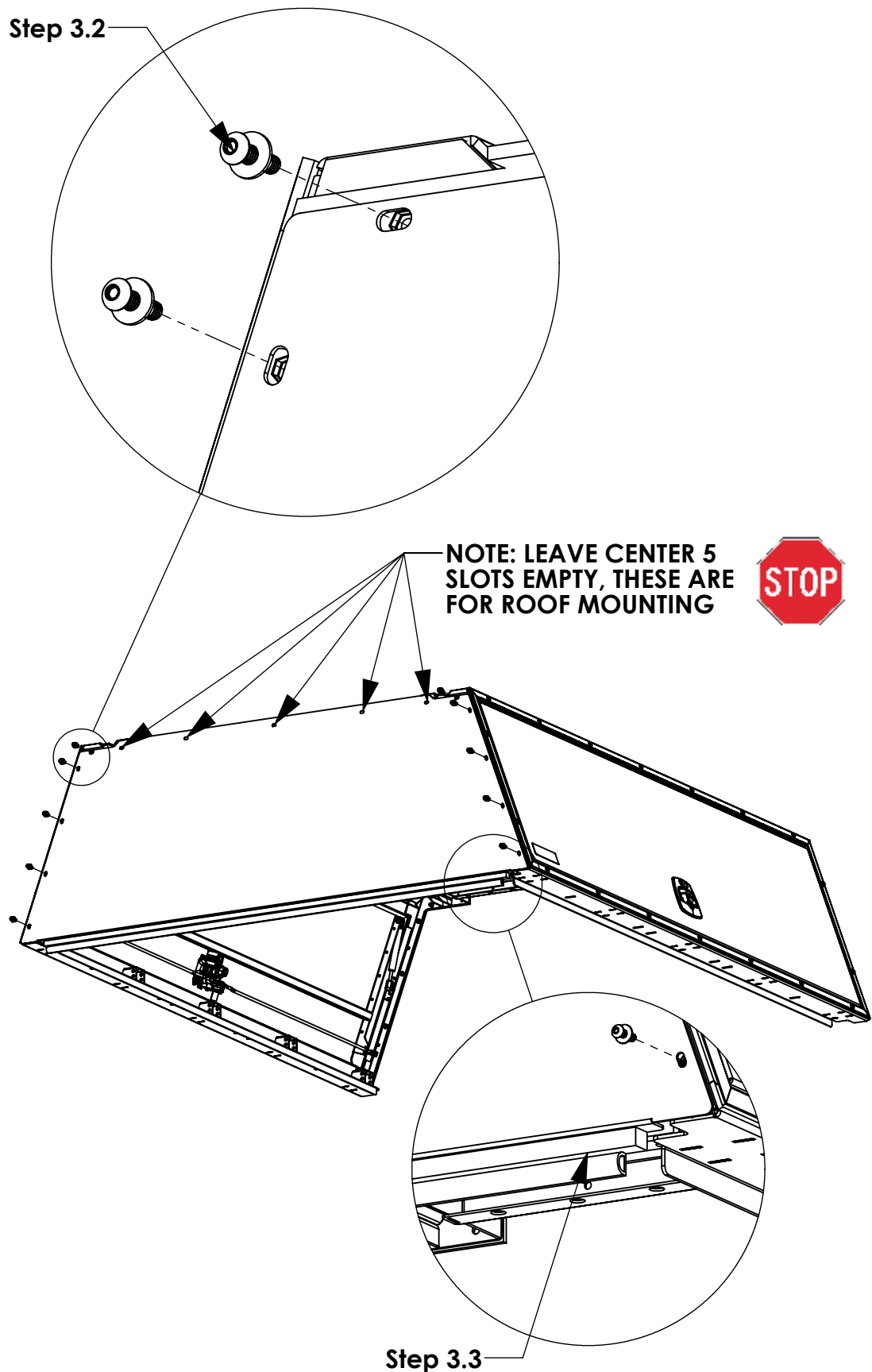
Step 3.2
ATTACH FRONT
PANEL

HAND TIGHTEN
FAS0234,
FAS0920
(10 PLACES)

DO NOT
TIGHTEN UNTIL
AFTER STEP 7

Step 3.3
INSTALL FRONT
BED SEAL BY
PLACING ON
FRONT PANEL
FLANGE
CENTERED
BETWEEN THE
DRIVER AND
PASSENGER SIDE
BED RAILS.

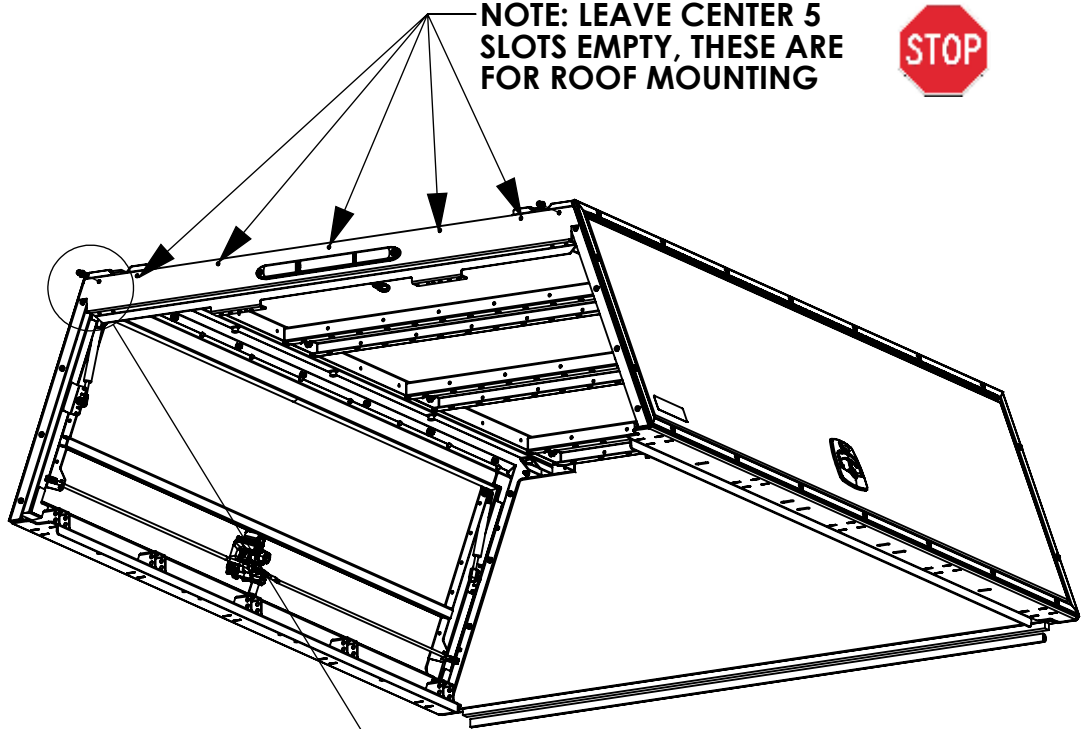
TRIM OFF EXTRA,
IF NECESSARY.



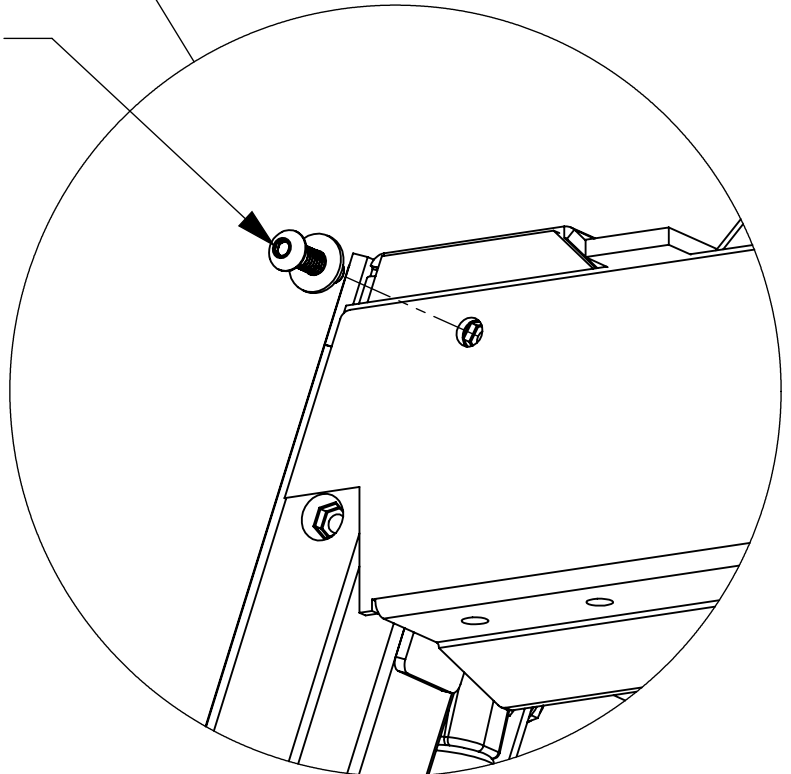
STEP 4 - ATTACH TOP BRACKET ASSEMBLY**Step 4
ATTACH TOP
BRACKET ASSM**

HAND TIGHTEN
FAS0234,
FAS0920
(2 PLACES)
5/32" ALLEN

**NOTE: LEAVE CENTER 5
SLOTS EMPTY, THESE ARE
FOR ROOF MOUNTING**



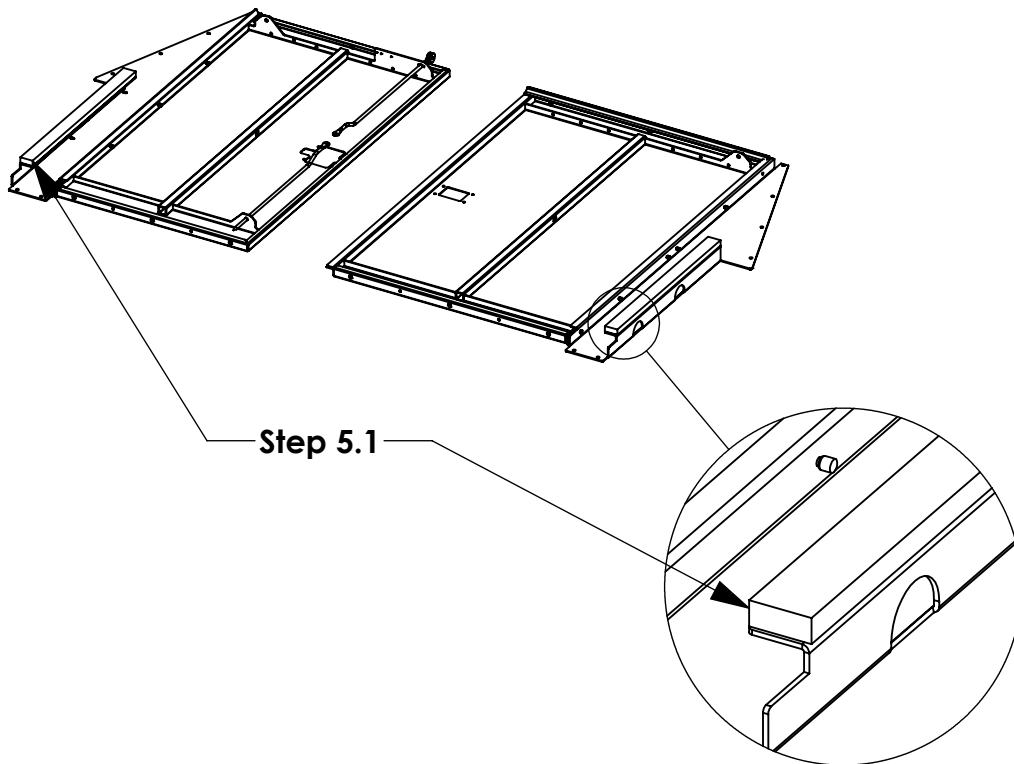
Step 4



STEP 5 - ATTACH BARN DOOR DS AND PS ASSEMBLIES CONT'D

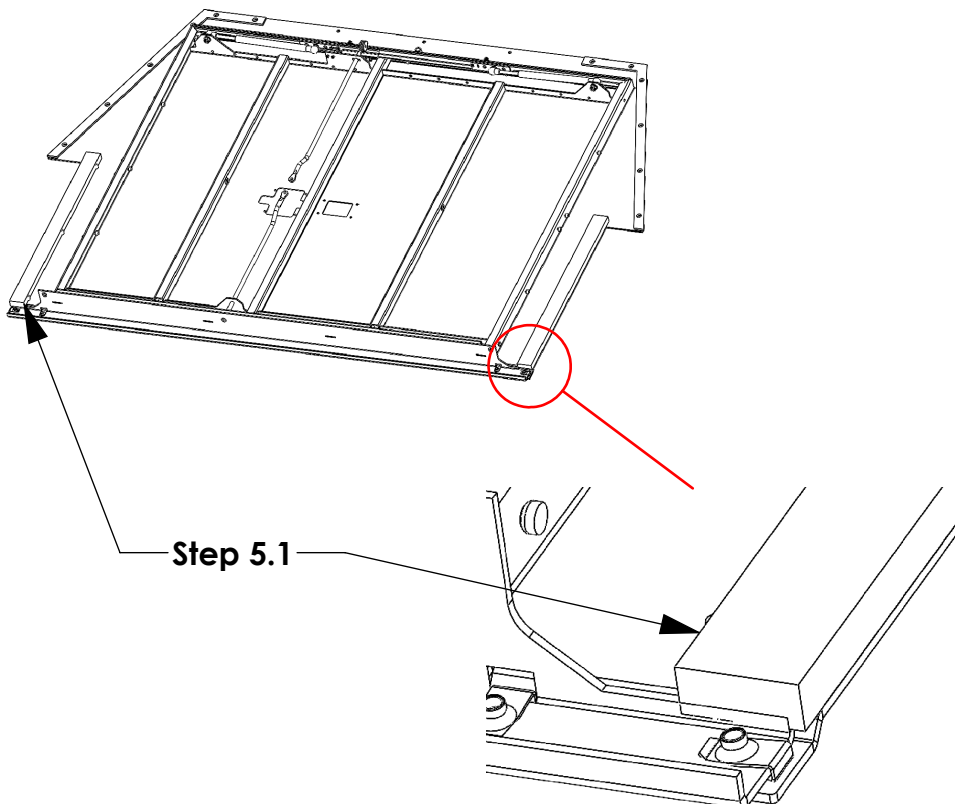
Step 5.1
ALIGN (2)77757
FOAM AT TOP
OF FLANGE OF
BARN DOOR DS
AND PS
ASSEMBLIES
AND PRESS
FIRMLY TO
ATTACH

NOTE: FOAM
PART NUMBERS
MAY VARY



Step 5.1ALT FOR
COLORADO

ALIGN (2)77757
FOAM AT THE
EDGE OF BARN
DOOR (AS
SHOWN) DS AND
PS ASSEMBLIES
AND PRESS
FIRMLY TO
ATTACH

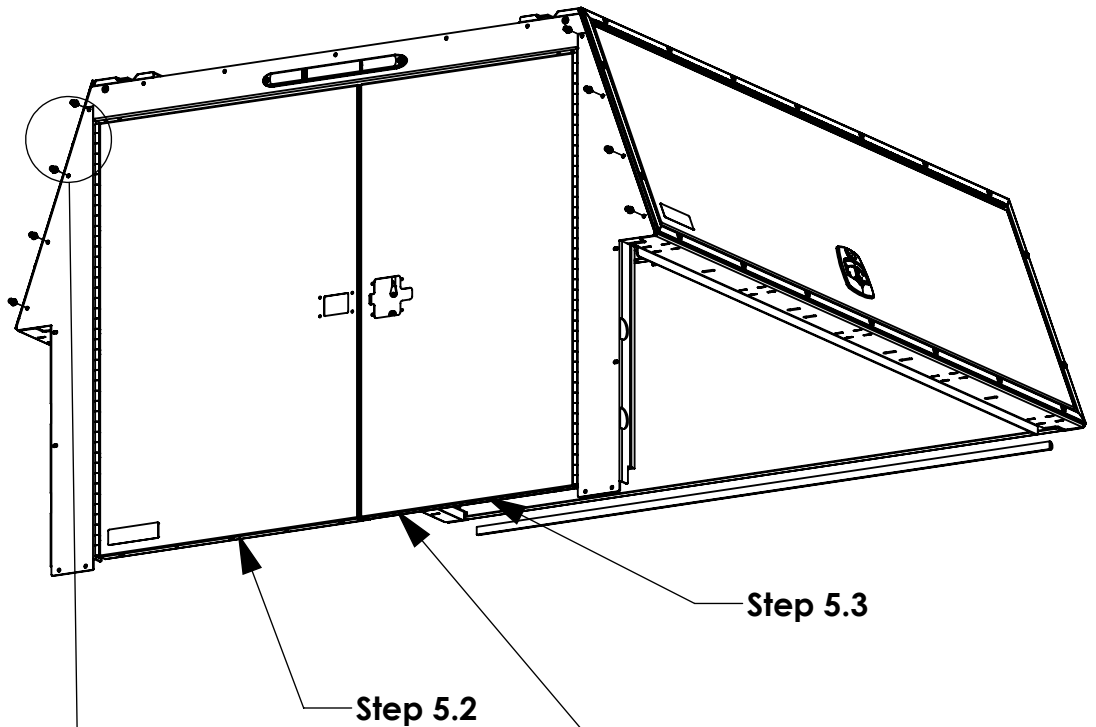


STEP 5 - ATTACH BARN DOOR DS AND PS ASSEMBLIES CONT'D**Step 5.2
ATTACH DS
ASSM**

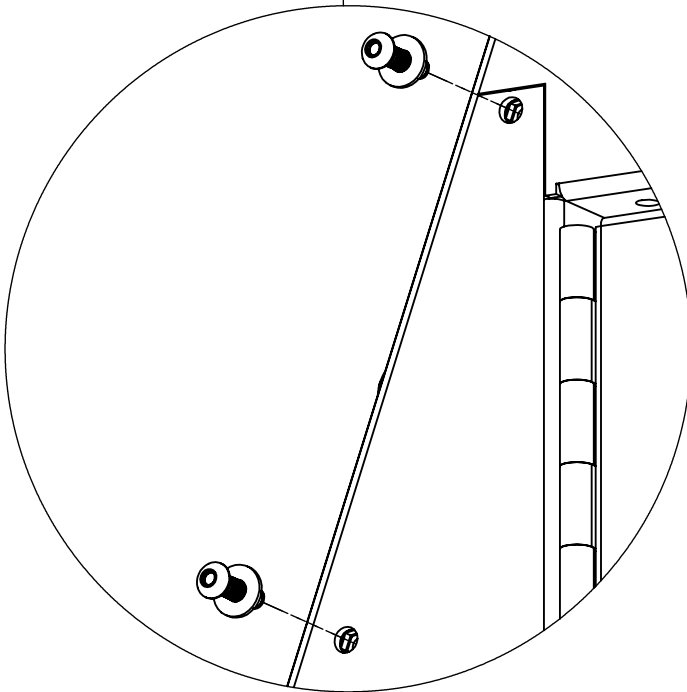
HAND TIGHTEN
FAS0234,
FAS0920
(4 PLACES)
5/32" ALLEN

**Step 5.3
ATTACH PS
ASSM**

HAND TIGHTEN
FAS0234,
FAS0920
(4 PLACES)
5/32" ALLEN



NOTE:
BEFORE TIGHTENING
MAKE SURE BOTH DOORS
ARE SQUARE.



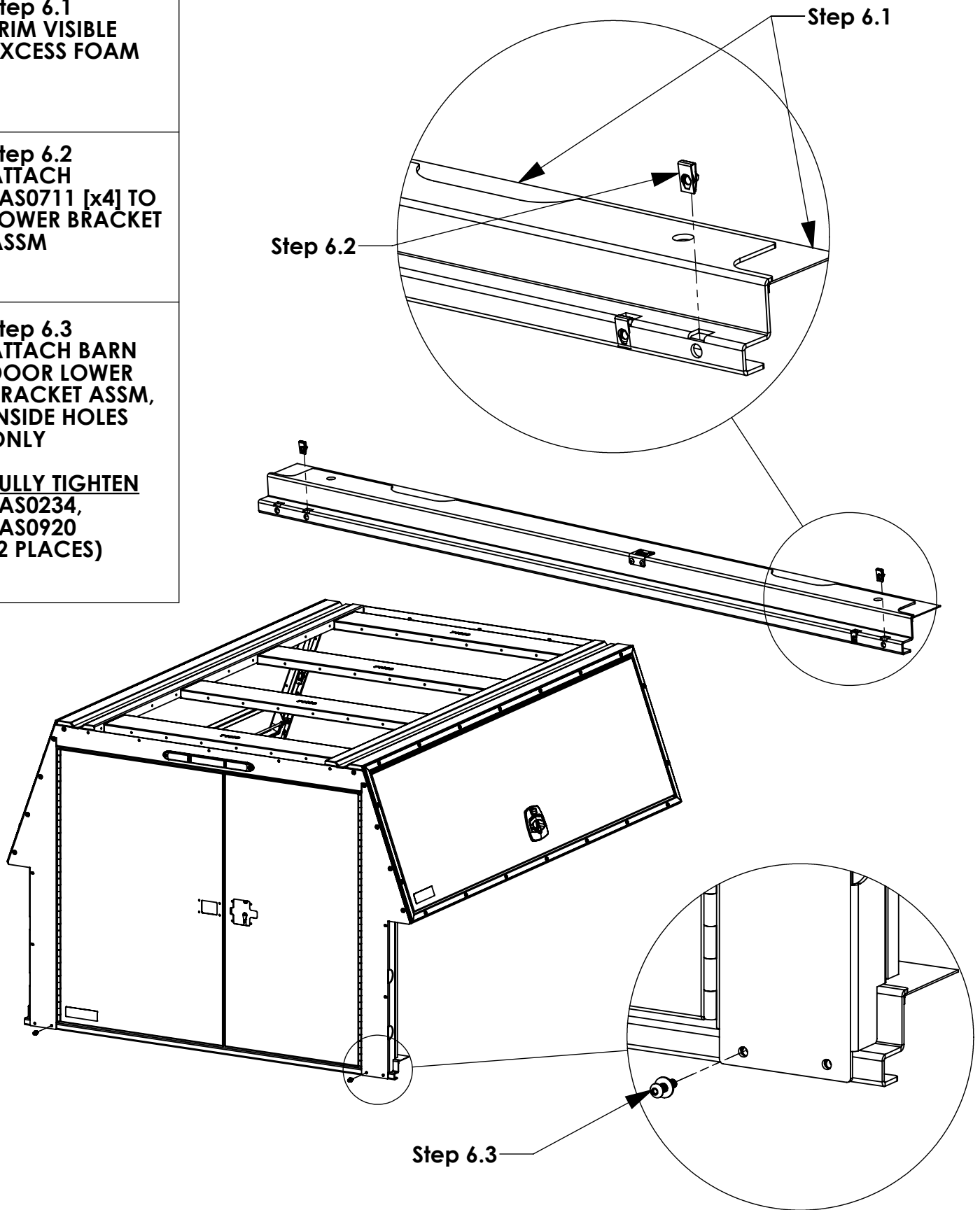
STEP 6 - ATTACH BARN DOOR LOWER BRACKET ASSEMBLY

Step 6.1
TRIM VISIBLE
EXCESS FOAM

Step 6.2
ATTACH
FAS0711 [x4] TO
LOWER BRACKET
ASSM

Step 6.3
ATTACH BARN
DOOR LOWER
BRACKET ASSM,
INSIDE HOLES
ONLY

FULLY TIGHTEN
FAS0234,
FAS0920
(2 PLACES)



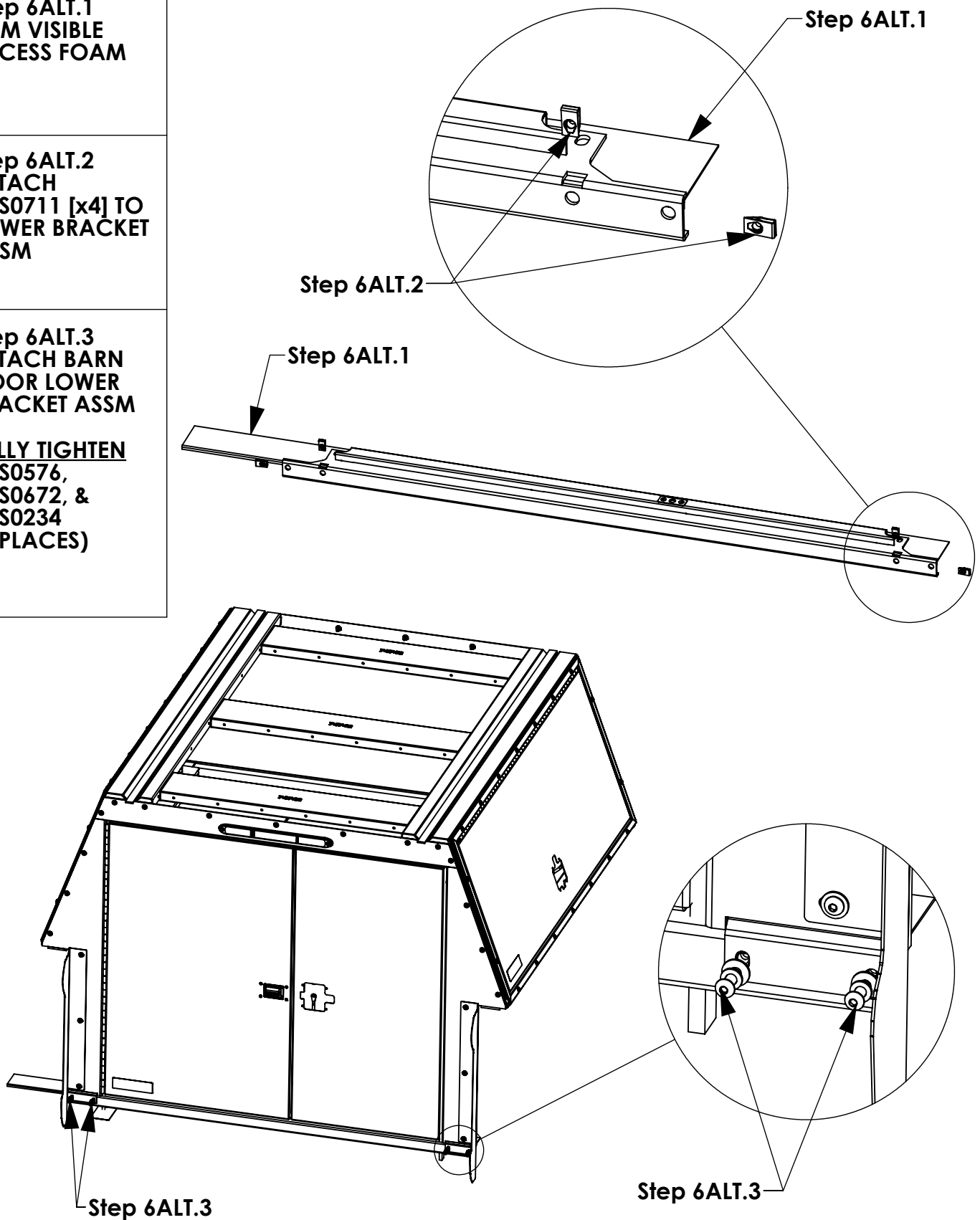
**STEP 6ALT - ATTACH BARN DOOR LOWER BRACKET ASSEMBLY
(ALTERNATE FOR COLORADO)**

**Step 6ALT.1
TRIM VISIBLE
EXCESS FOAM**

**Step 6ALT.2
ATTACH
FAS0711 [x4] TO
LOWER BRACKET
ASSM**

**Step 6ALT.3
ATTACH BARN
DOOR LOWER
BRACKET ASSM**

**FULLY TIGHTEN
FAS0576,
FAS0672, &
FAS0234
(4 PLACES)**



STEP 7 - ATTACH PS AND DS BED FILLER**Step 7.1
ATTACH DS BED
FILLER**

**PUSH INWARD
AND HAND
TIGHTEN**
FAS0234,
FAS0920,
FAS0055

**(3 PLACES)
5/32" ALLEN**

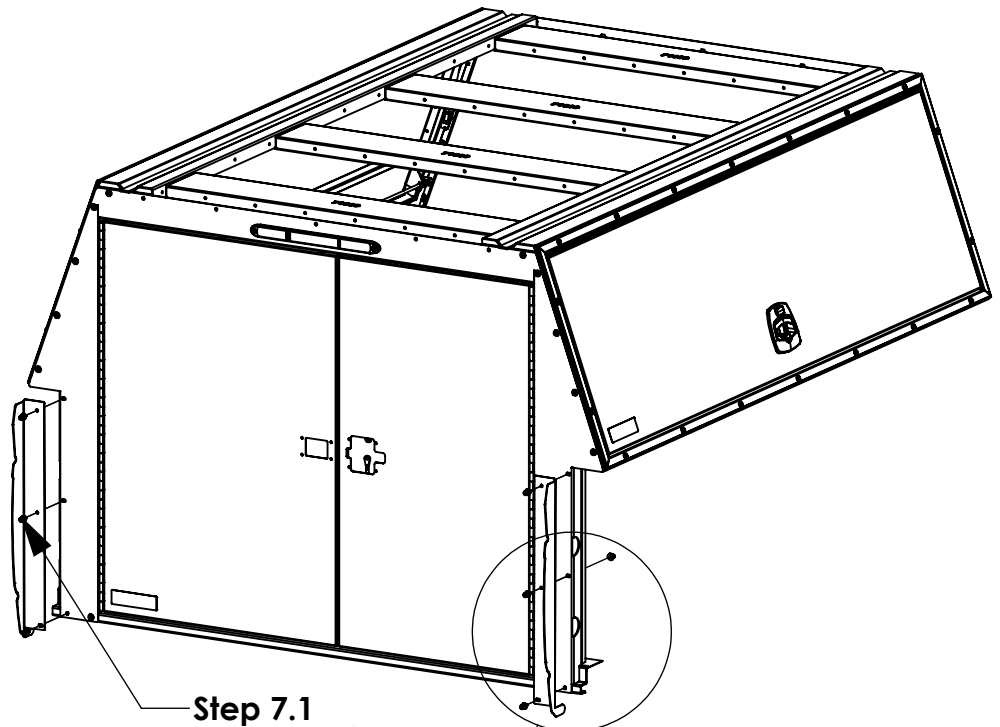
**Step 7.2
ATTACH PS BED
FILLER**

**PUSH INWARD
AND HAND
TIGHTEN**
FAS0234,
FAS0920,
FAS0055

**(3 PLACES)
5/32" ALLEN**

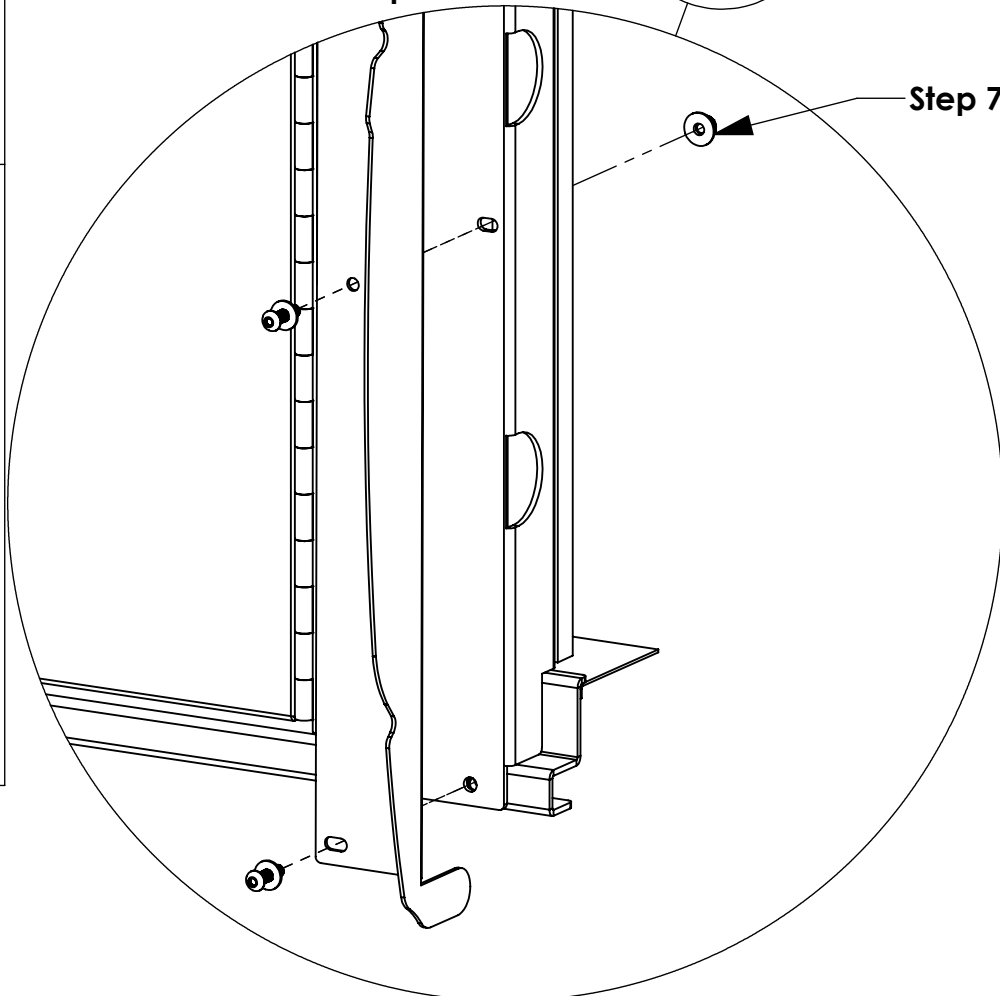
**Step 7.3
ADJUST BARN
DOOR
ASSEMBLIES SO
THAT THE TOPS
OF DOORS ARE
EVEN AND
GO BACK AND
FULLY TIGHTEN
FASTENERS
FROM STEPS 3.2,
4, 5.2, 5.3 AND
6.2**

**(22 PLACES)
5/32" ALLEN**



Step 7.1

Step 7.2



STEP 7ALT - ATTACH PS AND DS BED FILLER (ALTERNATE FOR COLORADO)

Step 7ALT.1 ATTACH DS BED FILLER

**PUSH INWARD
AND HAND
TIGHTEN**
FAS0234,
FAS0576,
FAS0055

**(3 PLACES)
5/32" ALLEN**

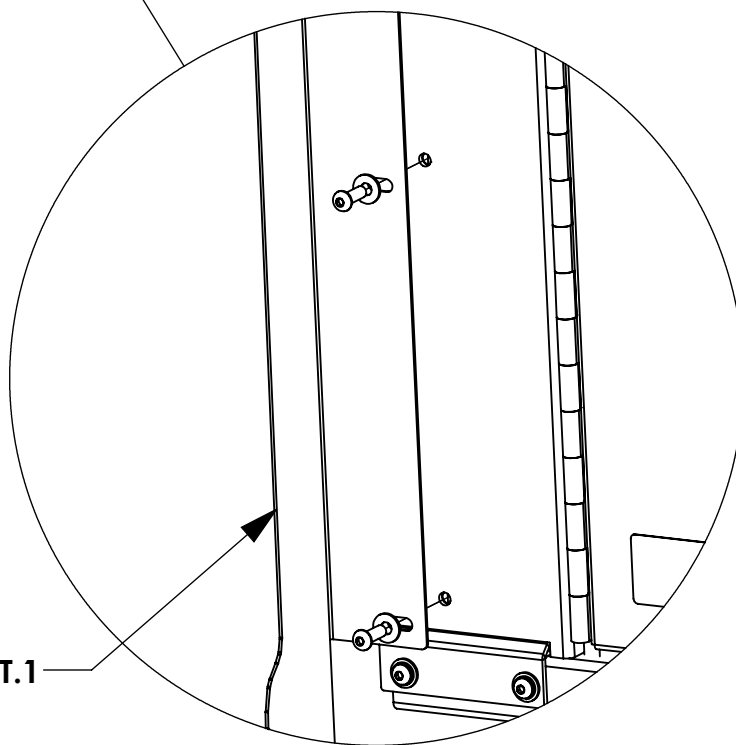
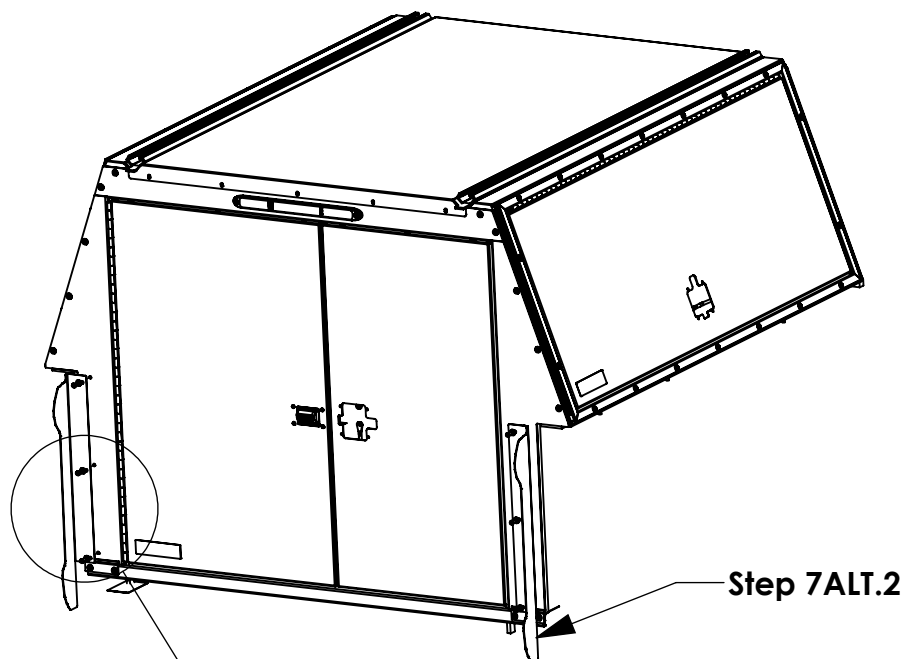
Step 7ALT.2 ATTACH PS BED FILLER

**PUSH INWARD
AND HAND
TIGHTEN**
FAS0234,
FAS0576,
FAS0055

**(3 PLACES)
5/32" ALLEN**

**Step 7ALT.3
ADJUST BARN
DOOR
ASSEMBLIES SO
THAT THE TOPS
OF DOORS ARE
EVEN AND
GO BACK AND
FULLY TIGHTEN
FASTENERS
FROM STEPS 3.2,
4, 5.2, 5.3 AND
6.2**

**(22 PLACES)
5/32" ALLEN**



STEP 8 - ATTACH BARN DOOR HANDLE

Step 8.1
CUT ZIP TIES
THAT ARE
HOLDING
LOCKRODS IN
PLACE

!! CAUTION !!
DOORS MAY
TRY TO OPEN

Step 8.2
ATTACH HANDLE
TO DOOR

FULLY TIGHTEN
FAS0917
(4 PER DOOR)
10mm SOCKET

DO NOT
OVERTIGHTEN

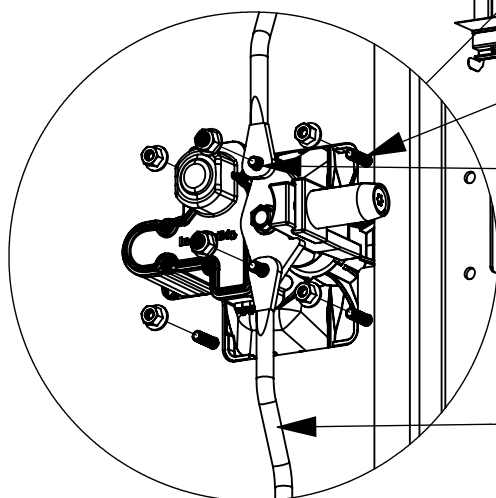
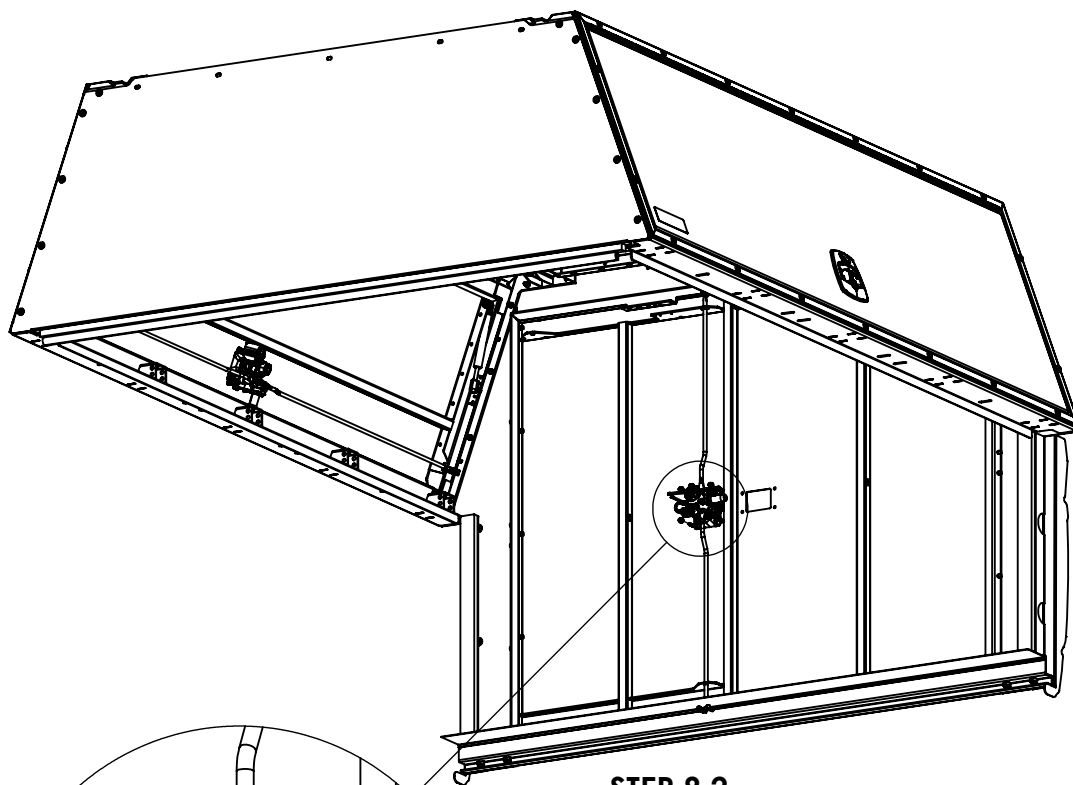
Step 8.3
ATTACH
LOCKRODS TO
HANDLE

FULLY TIGHTEN
FAS0918
(2 PLACES)
8mm SOCKET

DO NOT
OVERTIGHTEN

Step 8.4
ADJUST HANDLE
POINT TO ALIGN
WITH CASTING
LINE ON HANDLE
BODY
(APPROX: 1.0")

FULLY TIGHTEN
4mm ALLEN
(2 PLACES)



STEP 8.2

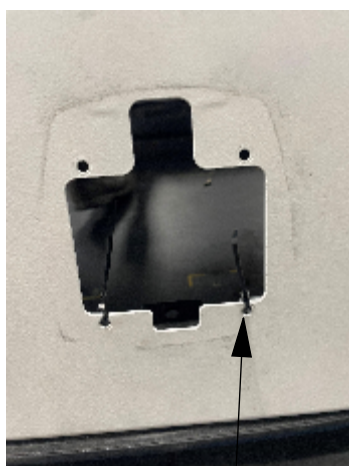
STEP 8.3



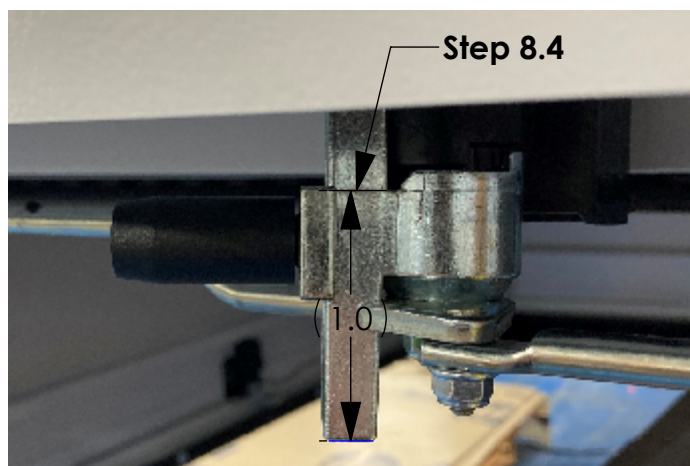
STEP 8.2 & 8.3
HAVE DIFFERENT
SIZED FASTENERS



NOTE THAT ORIENTATION
OF LOCKRODS IS CRITICAL



Step 8.1



STEP 9 - ATTACH ROOF AND ROOF RAILS

Step 9.1
SET ROOF PANEL
ON TOPPER BODY



**PLEASE NOTE THAT ORDER OF OPERATIONS ON
THESE BUILD STEPS IS CRITICAL TO A PROPER SEAL!**

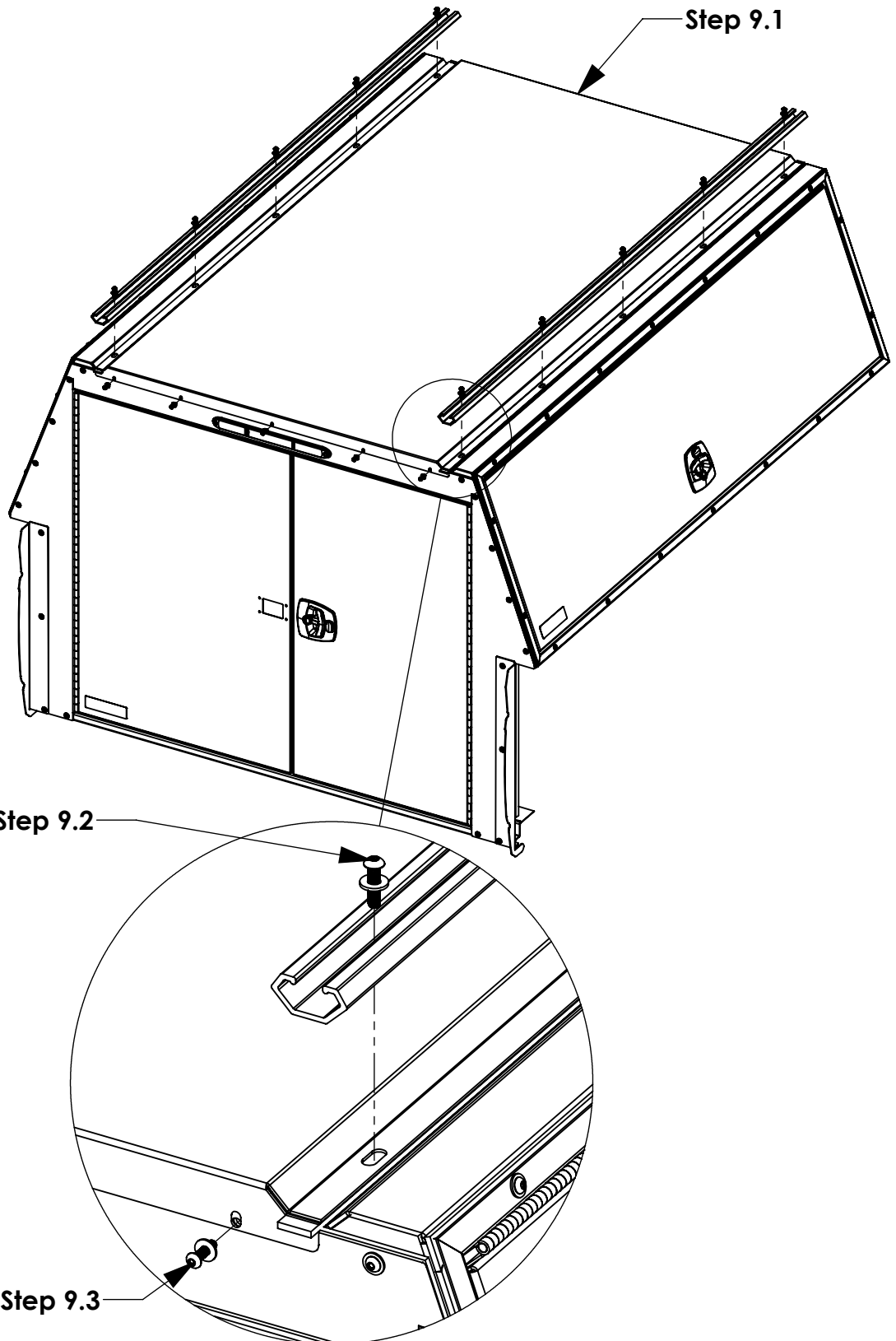
Step 9.2
ATTACH
MOUNTING RAILS
TO TOPPER BODY.

USE AN
ALIGNMENT
PUNCH TO POKE
THROUGH SEALS

FULLY TIGHTEN
FAS0552,
FAS0919
(10 PLACES)
3/16" ALLEN

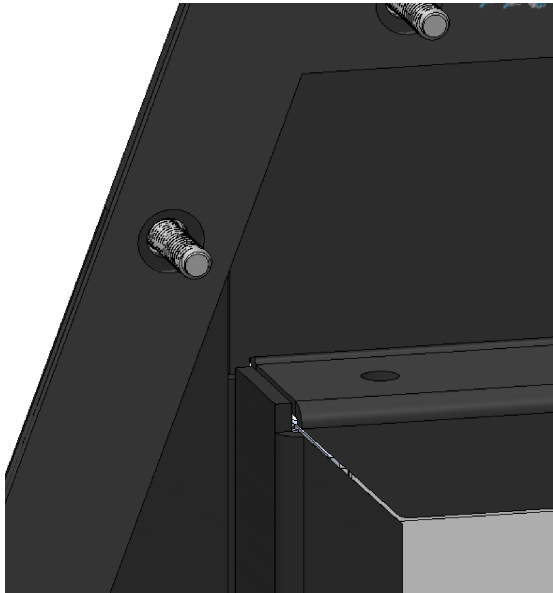
Step 9.3
ATTACH ROOF
TO TOPPER
BODY.

FULLY TIGHTEN
FAS0055,
FAS0552,
FAS0920
(10 PLACES)
5/32" ALLEN
7/16" WRENCH

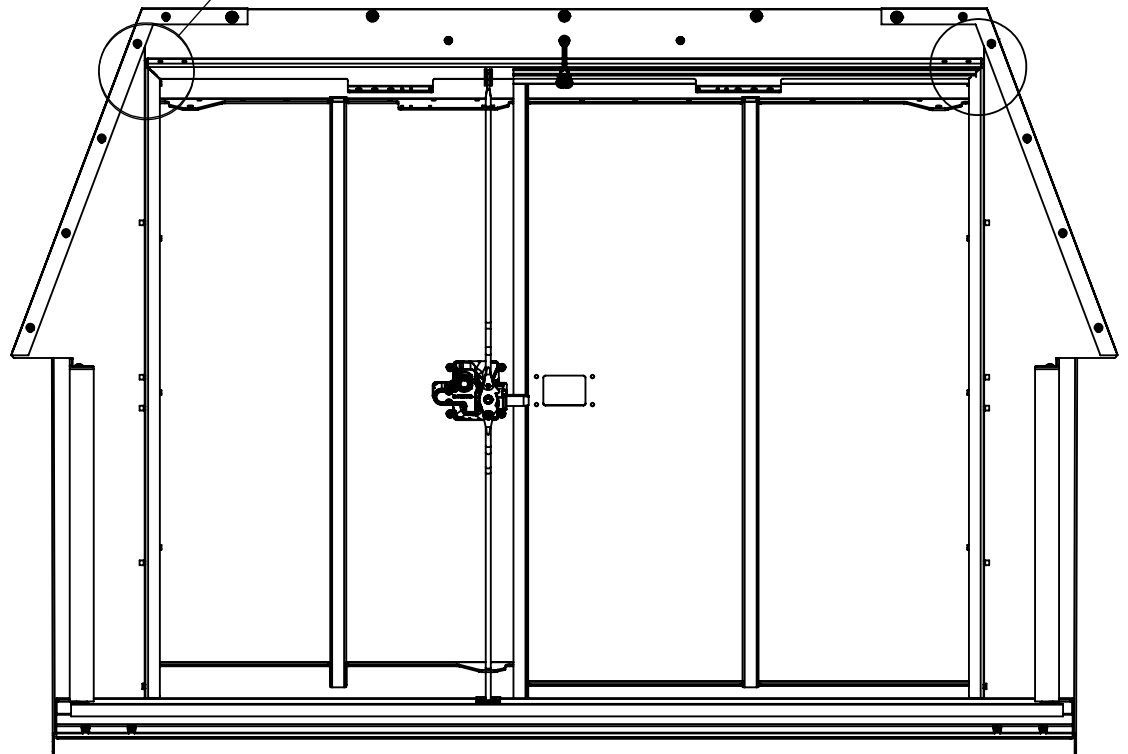
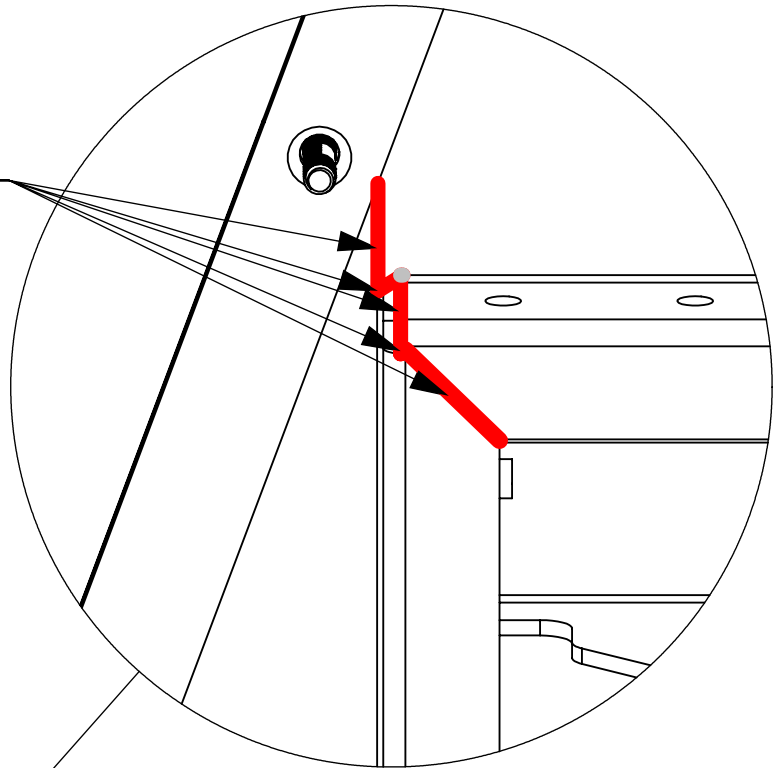


STEP 10 - SILICONE JOINTS

Step 10
SILICONE ALONG
SEAM AS SHOWN,
BOTH ENDS



SILICONE

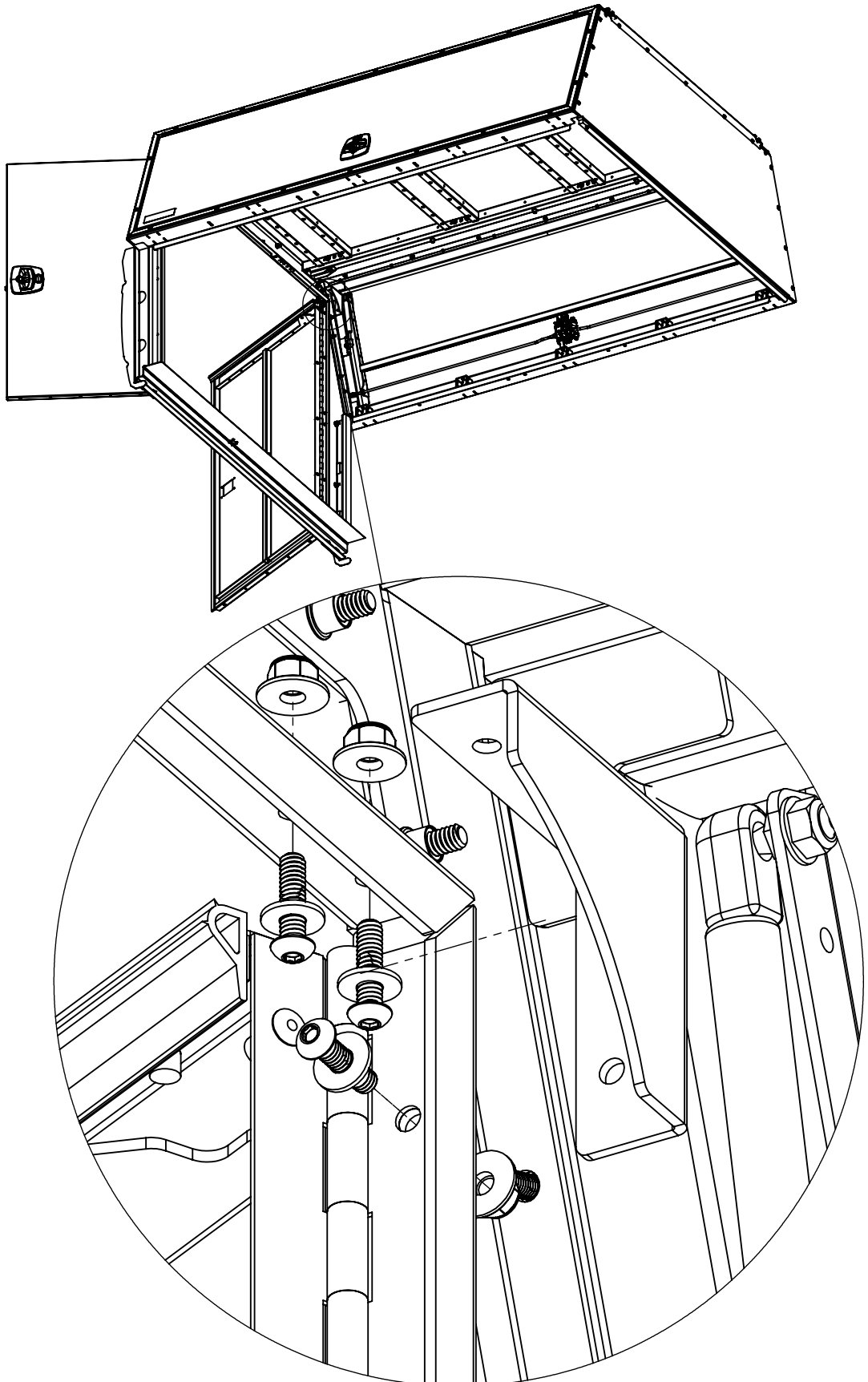


STEP 11 - ATTACH CORNER GUSSETS

Step 11
ATTACH CORNER
GUSSETS, BOTH
ENDS

FULLY TIGHTEN
FAS0920
FAS0234
FAS0055

(6 PLACES)
5/32" ALLEN



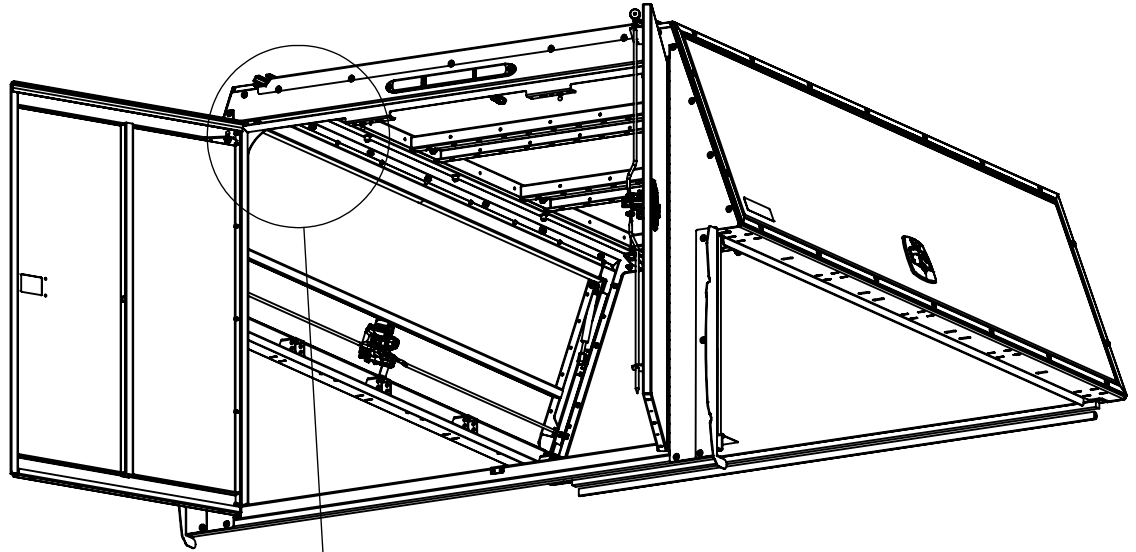
STEP 12 - INSTALL BALL STUDS

Step 12 INSTALL BALL STUDS

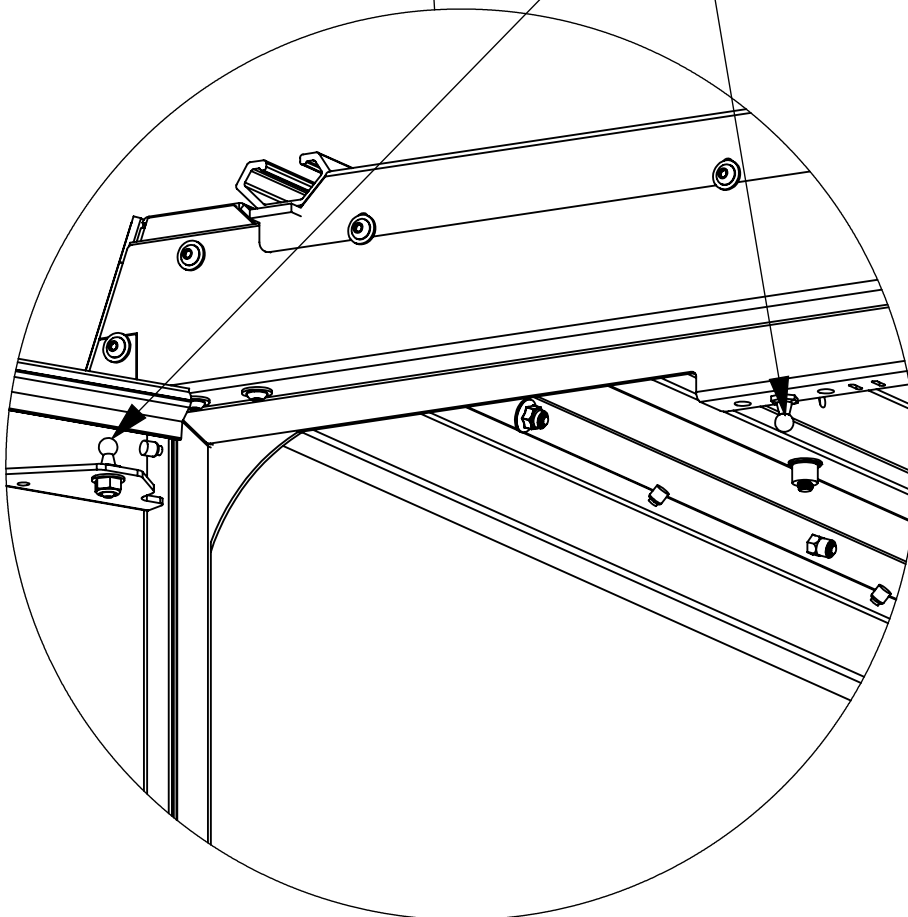
FULLY TIGHTEN
30015-0
FAS0861

(4 PLACES)
1/2" WRENCH

***NOTE: MOUNT**
IN CENTER HOLES
FOR FORDS



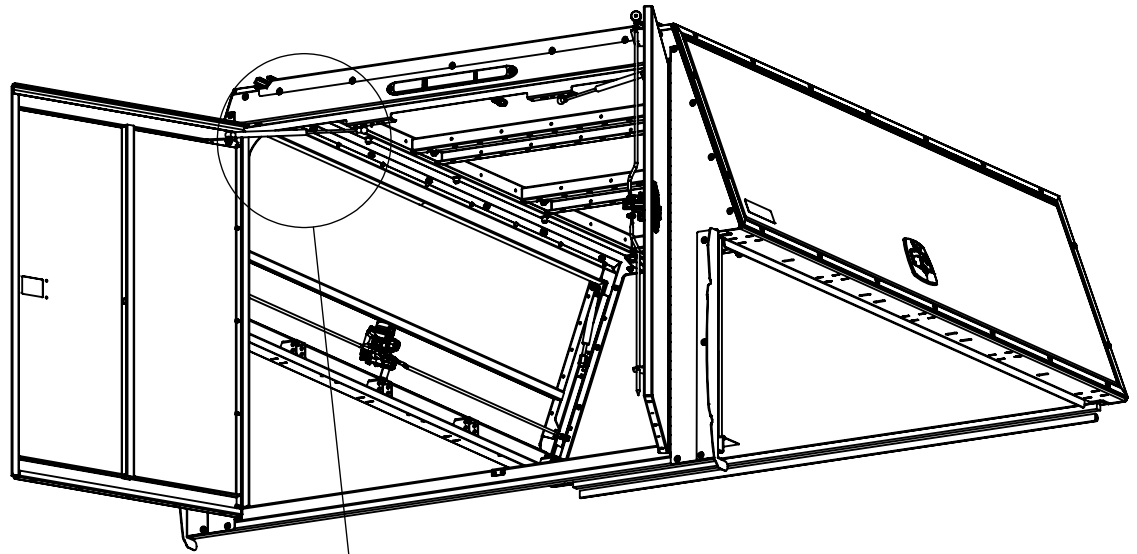
**BALL STUD UPWARD ON DOOR,
DOWNWARD ON FRAME**



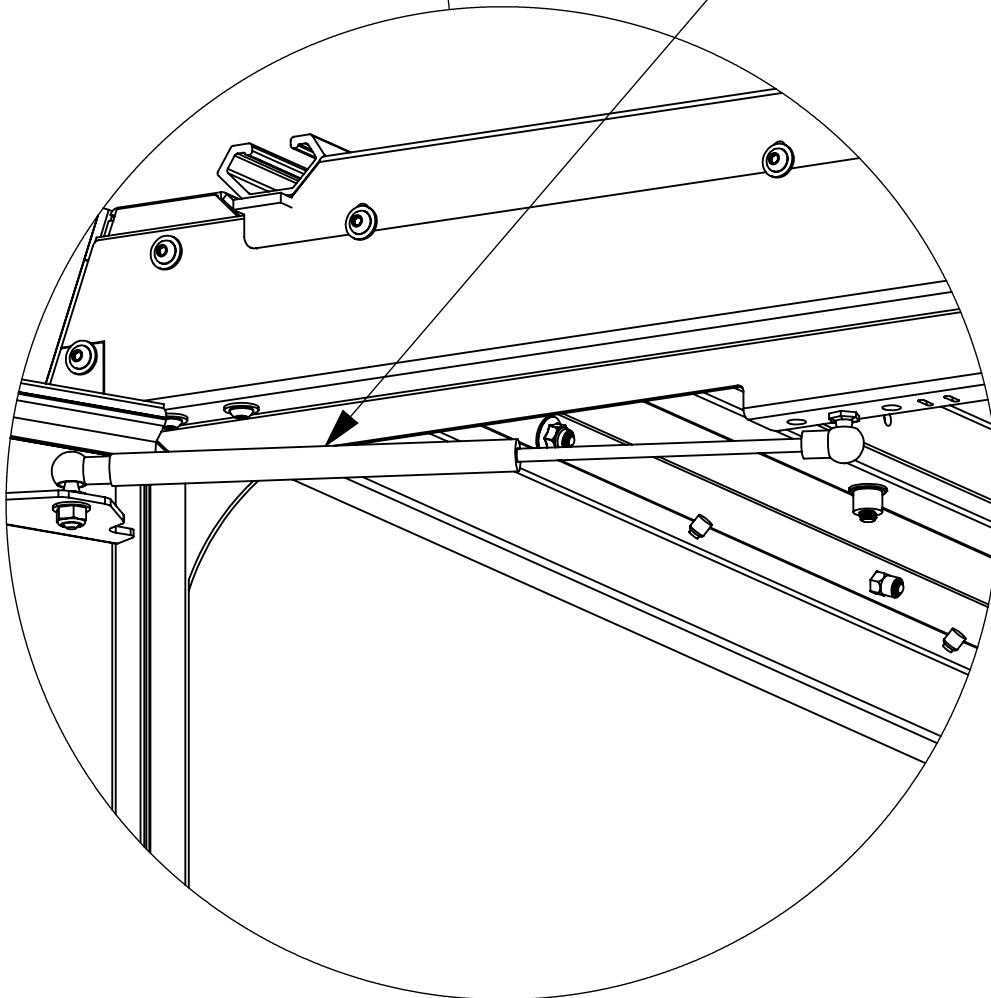
STEP 13 - INSTALL SHOCKS

Step 13 INSTALL SHOCKS

**77108 (20#)
(2 PLACES)**



BARREL TO DOOR



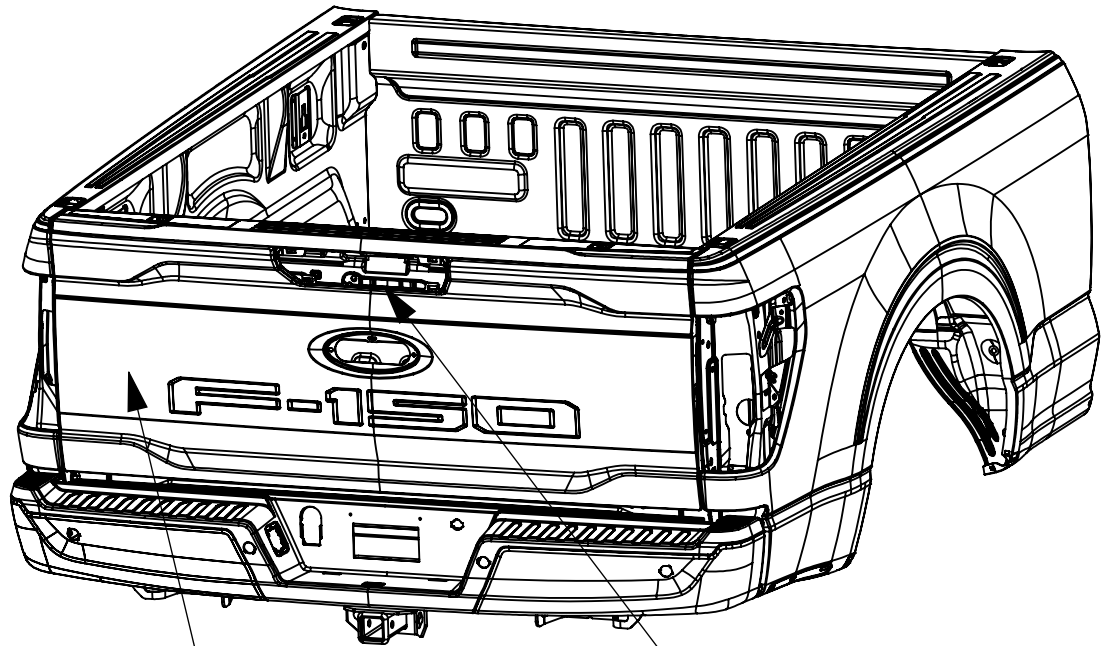
STEP 14 - REMOVE BACKUP CAMERA AND TAILGATE

Step 14.1
REMOVE BACKUP
CAMERA PER
77217
RELOCATION
INSTRUCTIONS
77963

Step 14.2
REMOVE
TAILGATE PER
OEM GUIDLINES



NOTE: CONTACT
CUSTOMER FOR
DISPOSITION OF
REMOVED
TAILGATE



Step 14.1

Step 14.2

STEP 15 - ATTACH SEALS TO TRUCK BED AND TOPPER LOCATION RELATIVE TO FRONT OF TRUCK BED

Step 15.1
INSTALL SIDE BED SEALS. ALIGN TO THE FRONT AND INSIDE EDGES OF THE SIDE BED RAIL TRIM.



DO NOT TRIM EXCESS UNTIL TOPPER IS ON THE TRUCK.

Step 15.2
WHEN PLACING THE TOPPER ON THE TRUCK BED ALIGN THE FRONT PANEL INSIDE FLANGE EDGE AND REFER TO TABLE 1 TO GET OEM SPECIFIC DISTANCE OFF OF THE INSIDE EDGE OF THE BED. CENTER BETWEEN THE DRIVER AND PASSENGER SIDE BED RAIL TRIM.

NOTE: BASED ON DIFFERENT VEHICLE MODEL YEARS AND BED VARIATION, THE TOPPER LOCATION MAY VARY. IT MAY REQUIRE THE INSIDE EDGE FLANGE TO BE PLACED AT THE INSIDE EDGE OF THE BED TO LOCATE TOPPER PROPERLY AT REAR OF VEHICLE.

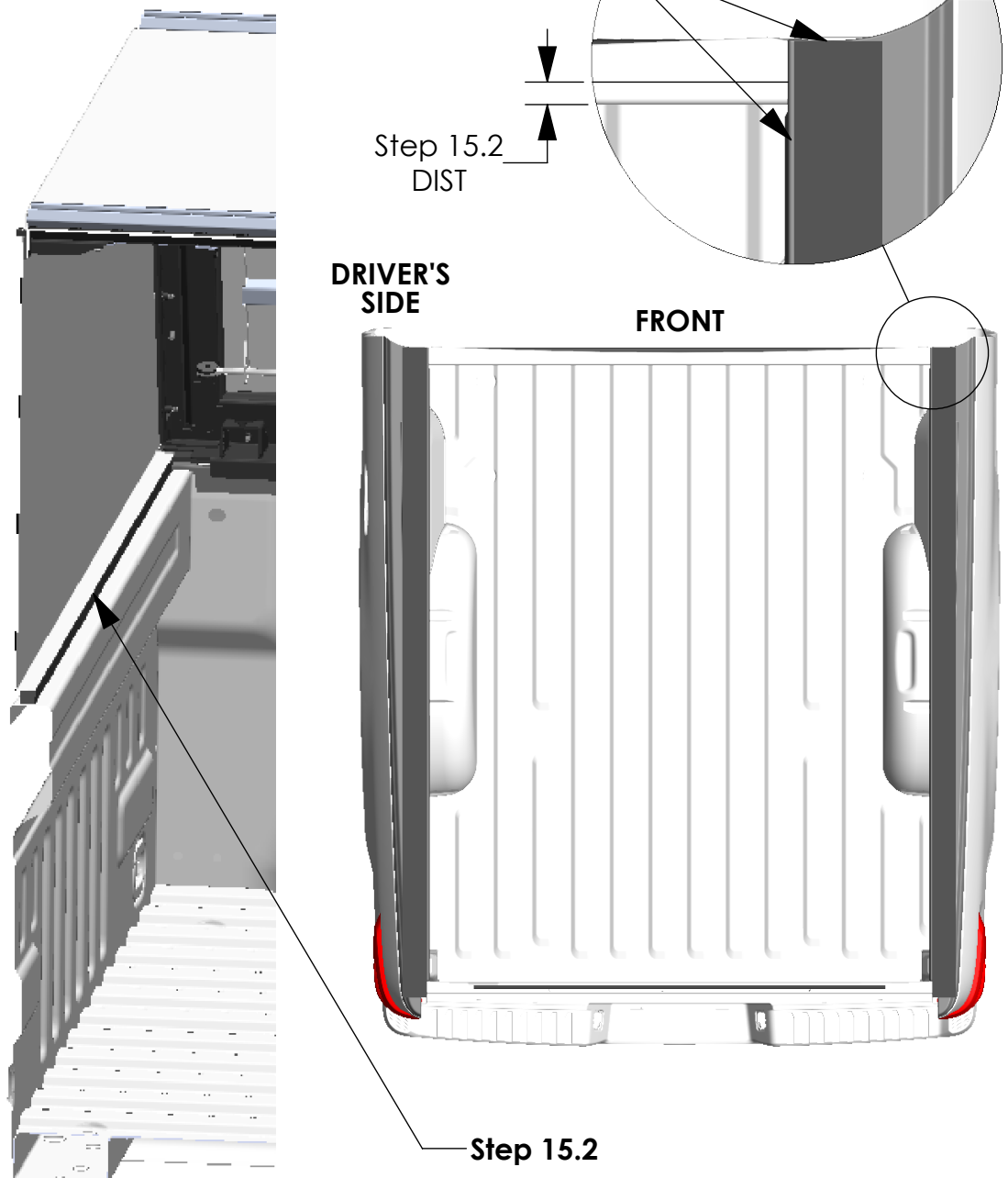
NOTE: IT IS RECOMMENDED THAT YOU LOAD THE TOPPER ONTO A TRUCKBED WITH ONE OF THE FOLLOWING METHODS:

- HOIST: ATTACH TO THE ROOF RAILS OF THE TOPPER
- FORKLIFT: OPEN THE REAR DOOR AND SET FORKS ON THE ROOF BOWS
- MANUAL: HAVE 1 INDIVIDUAL AT EACH CORNER OF THE TOP AND CARRY OVER THE SIDES OF THE TRUCK. DO NOT SCRATCH THE VEHICLE.

TABLE 1:

VEHICLE PLATFORM	DIST.
F-150	.875"
SILVERADO	0.25"

TOP VIEW



STEP 15 - ATTACH SEALS TO TRUCK BED AND TOPPER LOCATION RELATIVE TO FRONT OF TRUCK BED

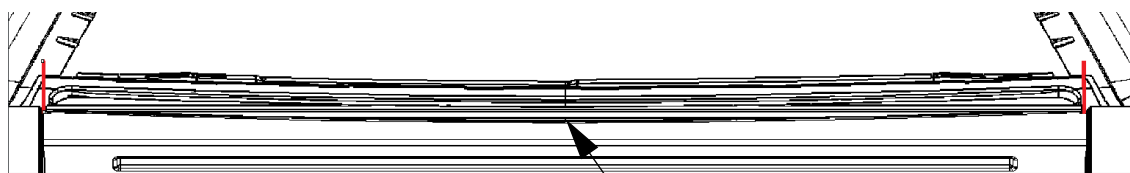
Step 15.3
PLACE 81456
GASKET IN THE
GAP BETWEEN
THE TRUCK BED
AND CAB.



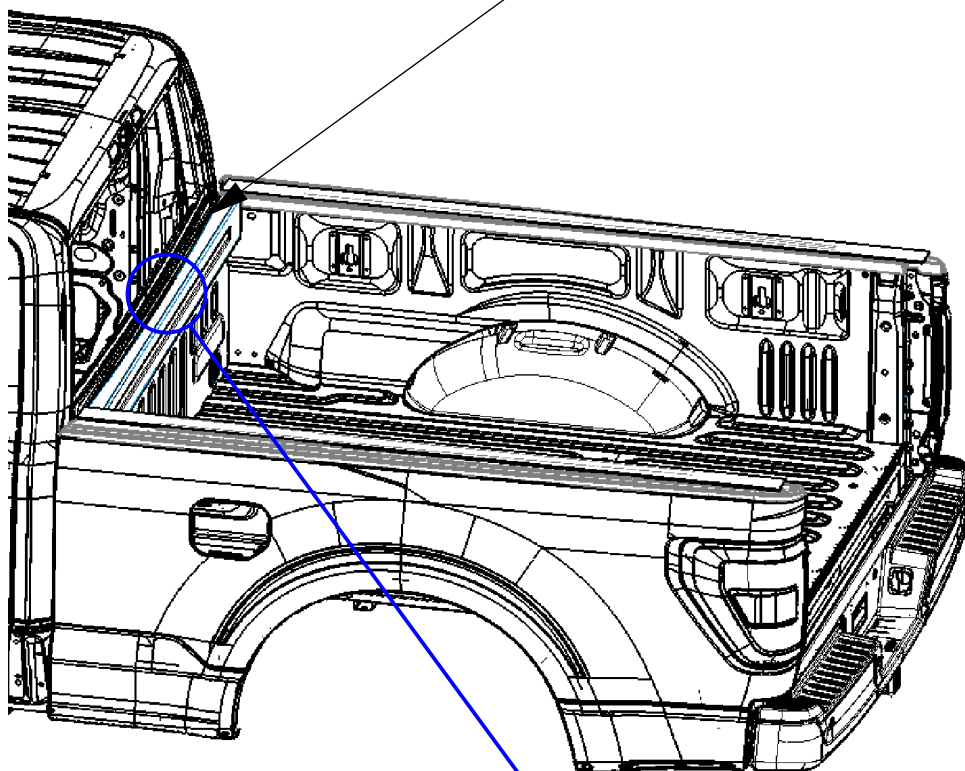
BEFORE
ATTACHING TO
TRUCK BED,
CLEAN AND PREP
AREA. DO NOT
ATTACH TO
PLASTIC TRIM. IF
TRIM IS ON
FRONT OF BED
ATTACH TO CAB.

ONCE AREA IS
PREPARED
CENTER GASKET
ON THE REAR
WINDOW.

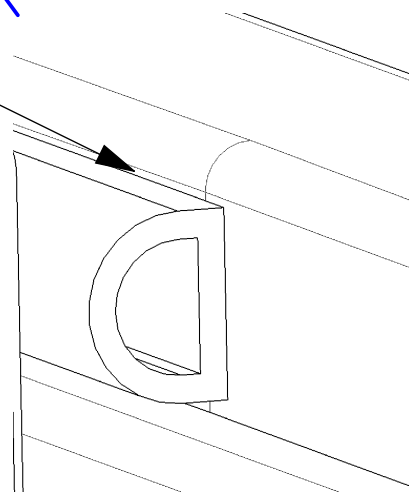
MAKE SURE THAT
GASKET HAS FULL
SURFACE
CONTACT SO
ADHESIVE WILL
PROPERLY BOND.



Step 15.3



NOTE:
IF TRUCK BED HAS A SPRAY
ON BED LINER, PLACE
GASKET UNDER LINER ON
TRUCK BED



STEP 16 - ATTACH TOPPER TO TRUCK BED. CONT'D ON NEXT PAGE FOR LOCATING INSTRUCTIONS SPECIFIC TO SILVERADO 1500/2500.

Step 16.1
USE THE HOLES IN THE BD LOWER BRACKET ASSM TO MARK FOR PLUS NUTS.



(2 PLACES)
NOTE: YOU WILL HAVE TO REMOVE FOAM FROM THE HOLES.

Step 16.2
MOVE TOPPER REARWARD TO DRILL HOLES FOR PLUSNUTS. SPRAY PAINT HOLES.

1/2" STEP DRILL BIT

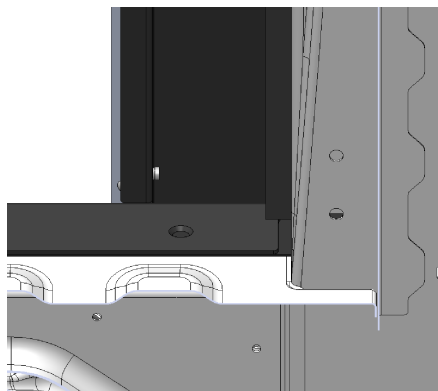
Step 16.3
SET PLUSNUTS USING PLUSNUT SETTING TOOL OR AIR POWERED SETTING GUN.

FAS0222

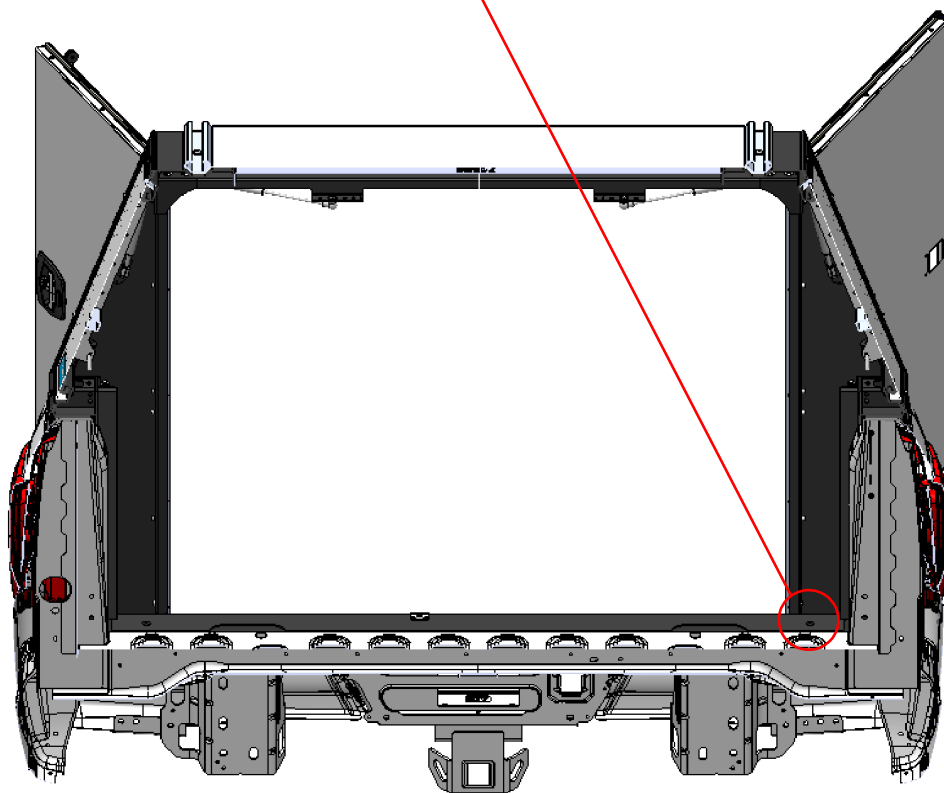
Step 16.4
REPLACE TOPPER TO ORIGINAL LOCATION AND FASTEN TOPPER TO THE TRUCK BED

FULLY TIGHTEN
FAS1279
(2 PLACES)
T40 TORX BIT

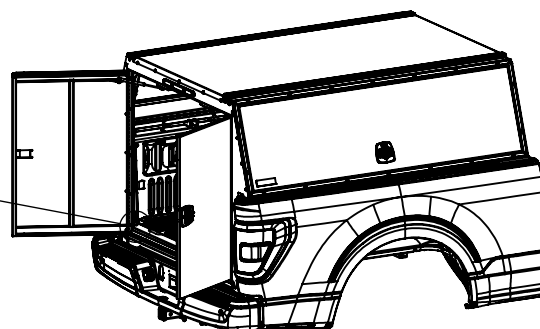
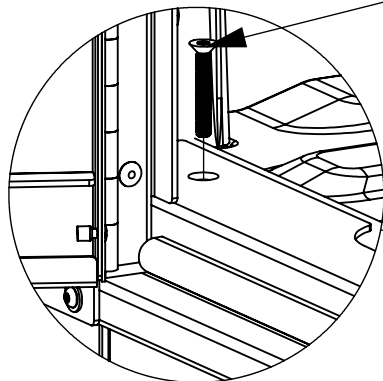
FAS0242,
FAS0552 [x2]
FAS0248
(8 PLACES)
1/2" SOCKET
1/2" WRENCH



VIEW LOOKING FROM FRONT TO BACK



FAS1279



STEP 16 ALT CONT'D - ATTACH TOPPER TO TRUCK BED CONT'D. SPECIFIC TO SILVERADO 1500/2500.

Step 16ALT.5
USE THE HOLES IN
THE BD LOWER
BRACKET ASSM
TO IDENTIFY BED
STRIPS FOR
PLUSNUTS.



**DO NOT MARK.
SEE BELOW**

(2 PLACES)

Step 16ALT.6
TO LOCATE
PLUSNUTS
MEASURE 2"
FROM END OF
PLASTIC BED
INSERT AND
MARK BED.

(2 PLACES)

Step 16ALT.7
REPLACE BD
LOWER BRACKET
ASSM AND
LOCATE
MARKINGS. USE
BRACKET HOLES
TO CENTER
HOLES FROM DS
AND PS.

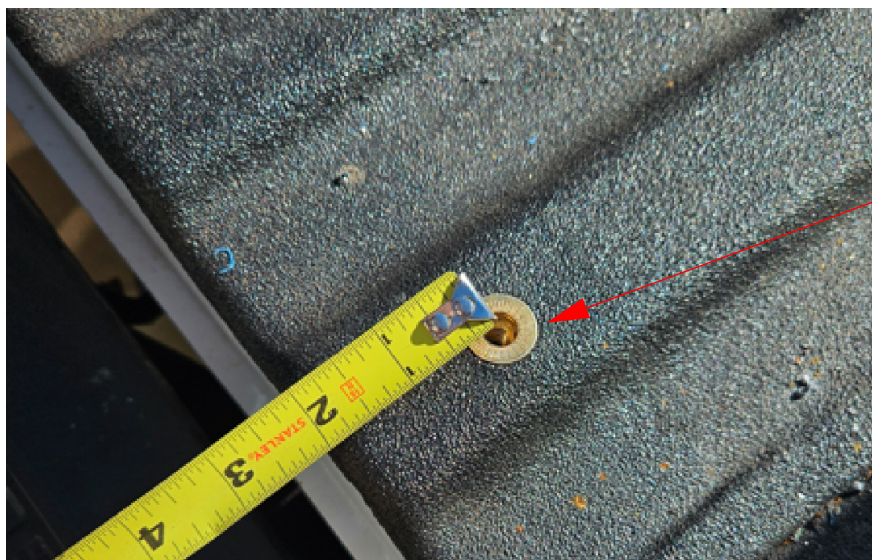
(2 PLACES)

**TO COMPLETE
INSTALLATION
SEE Steps 16.2,
16.3 AND 16.4.**

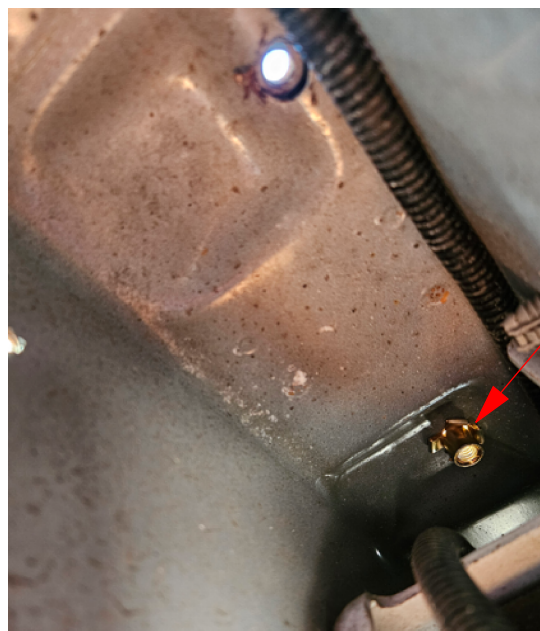
Step 16ALT.5



Step 16ALT.6



Step 16ALT.6
LOCATION WILL PLACE
PLUSNUT IN CAVITY
UNDERNEATH BED FOR
PROPER SEATING



STEP 16 ALT CONT'D - ATTACH TOPPER TO TRUCK BED, CONT'D **(ALTERNATE FOR COLORADO)**

Step 16ALT.8
 USE THE HOLES IN
 THE BD LOWER
 BRACKET ASSM
 TO MARK FOR
 PLUS NUTS.



(2 PLACES)
 NOTE: YOU WILL
 HAVE TO
 REMOVE FOAM
 FROM THE
 HOLES.

Step 16ALT.9
 MOVE TOPPER
 REARWARD TO
 DRILL HOLES FOR
 PLUSNUTS.
 SPRAY PAINT
 HOLES.

**1/2" STEP DRILL
 BIT**

Step 16ALT.10
 SET PLUSNUTS
 USING PLUSNUT
 SETTING TOOL
 OR AIR
 POWERED
 SETTING GUN.

FAS0222

Step 16ALT.11
 REPLACE TOPPER
 TO ORIGINAL
 LOCATION AND
 FASTEN TOPPER
 TO THE TRUCK
 BED

FULLY TIGHTEN

FAS0671

FAS0672

FAS0234

(2 PLACES)

FAS0242,

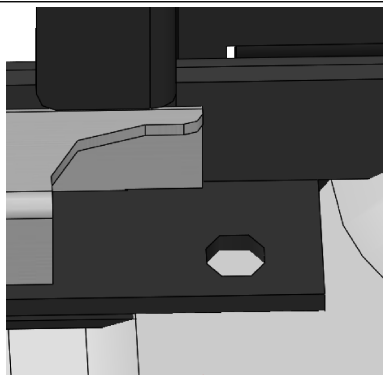
FAS0552 [x2]

FAS0248

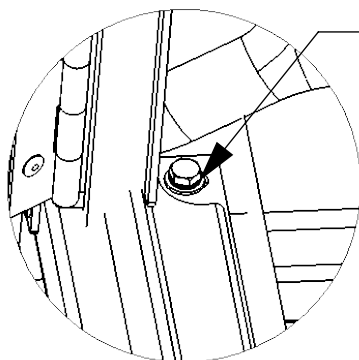
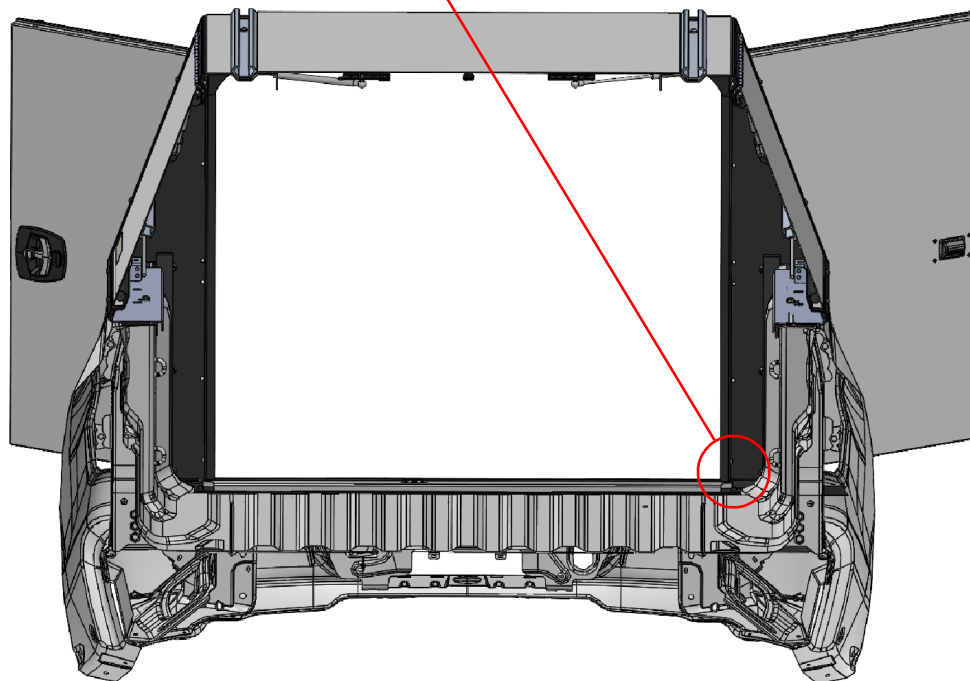
(8 PLACES)

1/2" SOCKET

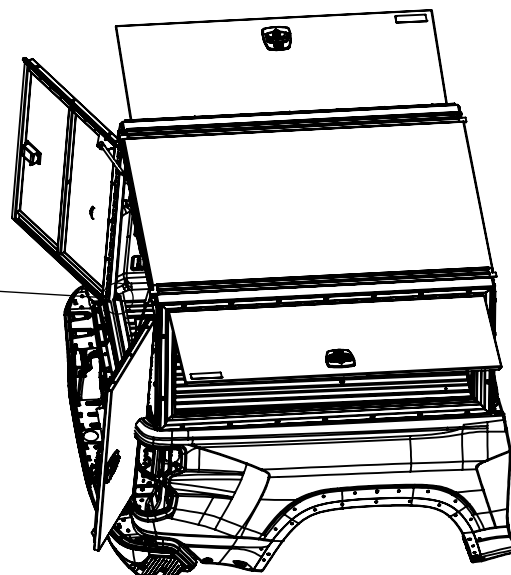
1/2" WRENCH



**VIEW LOOKING FROM
 FRONT TO BACK**



FAS0671
FAS0672
FAS0234



STEP 16 CONT'D - ATTACH TOPPER TO TRUCK BED

NOTE: (FOR 8.0' 26" TALL RAM 1500, 2500, 3500 ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.

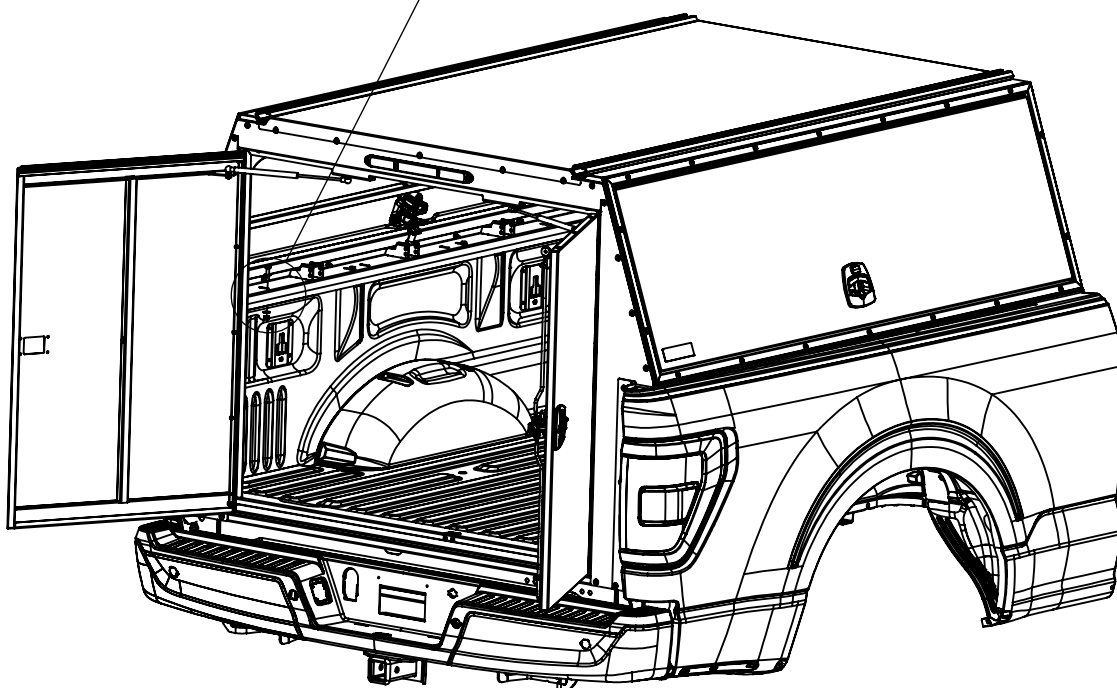
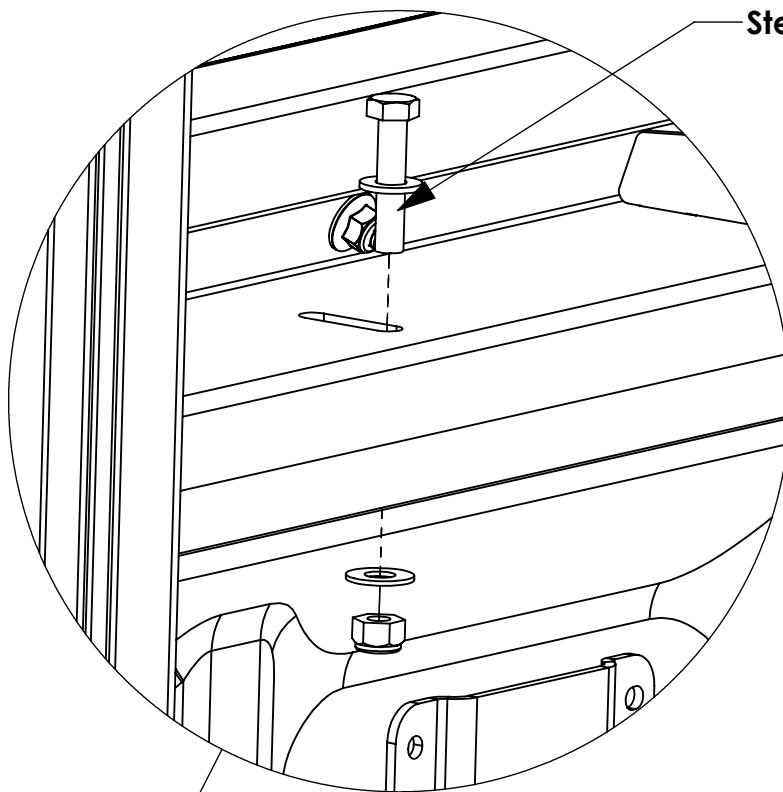
Step 16.13
USE HOLES IN THE
BED RAIL TO
MARK AND DRILL
MOUNTING
LOCATIONS. IT IS
NOT NECESSARY
TO REMOVE THE
TOPPER FOR THIS
STEP.

(8 PLACES)
11/32" DRILL BIT



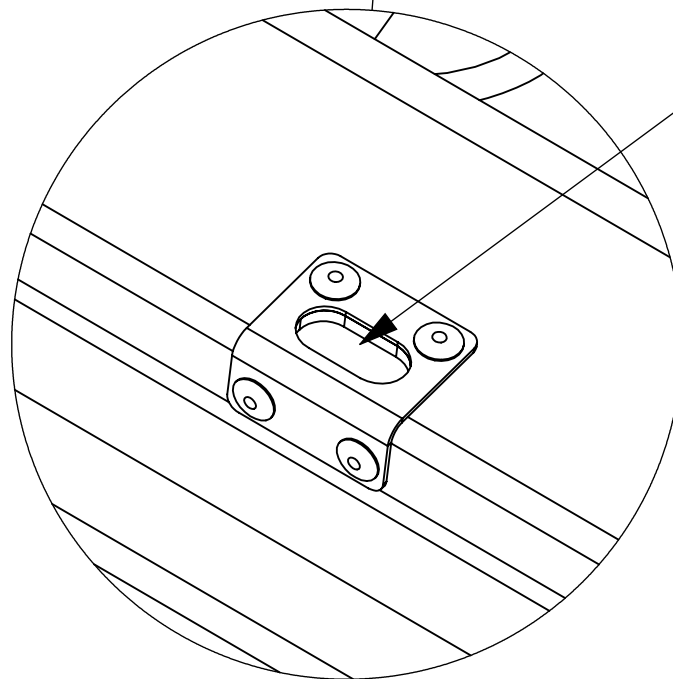
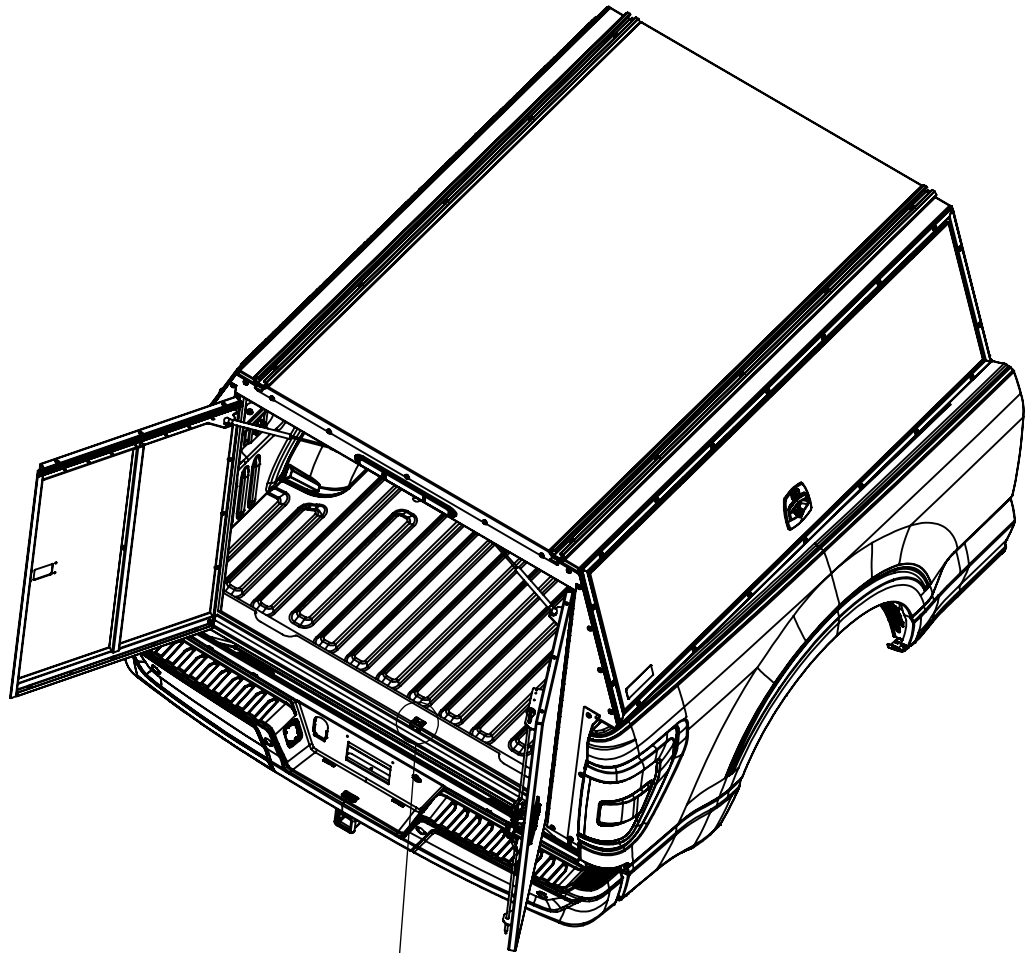
NOTE: IF THESE
HOLES INTERFERE
WITH THE OEM
BODY, DRILL A
NEW HOLE IN THE
BED RAIL +/- 2"
FROM THE
INTERFERENCE.

Step 16.13



STEP 17 - MAY NEED TO DRILL HOLE IN BED FOR LOCK ROD TO ENGAGE FULLY IN LOWER BRACKET HOLE

Step 17
DRILL OUT TRUCK
BED IF LOWER
BRACKET IS
OVER IT AND
PREVENTING
LOCK ROD FROM
GOING
THROUGH.



Step 17

STEP 18 - ATTACH FOAM TO INSIDE OF BARN DOORS

Step 18
CLEAN SURFACES
WITH ALCOHOL.
PREP WITH 57392
ADHESIVE
PROMOTER.



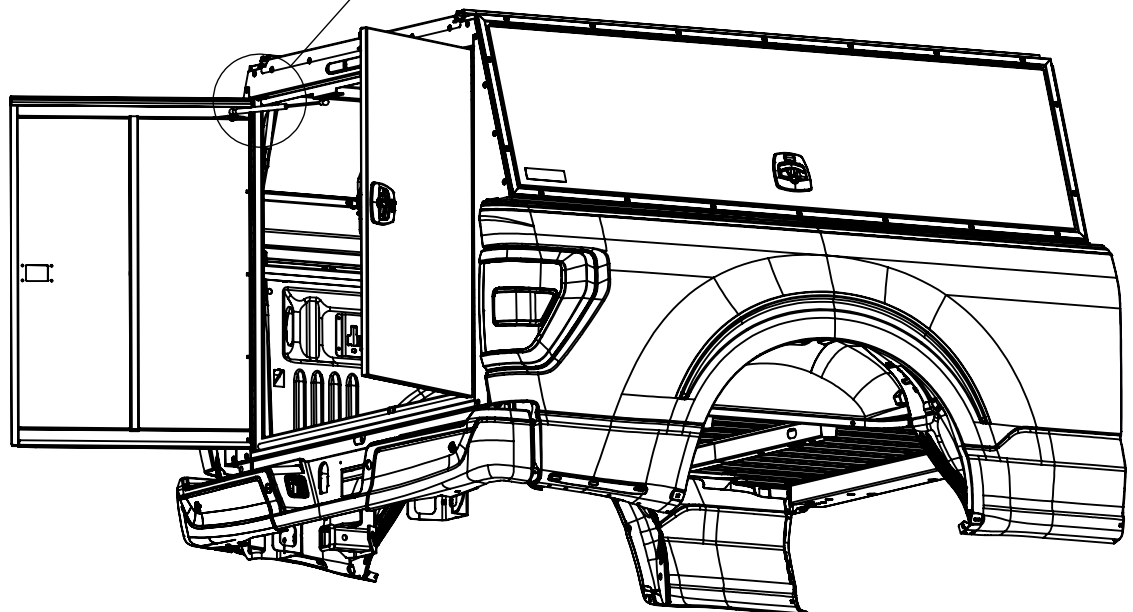
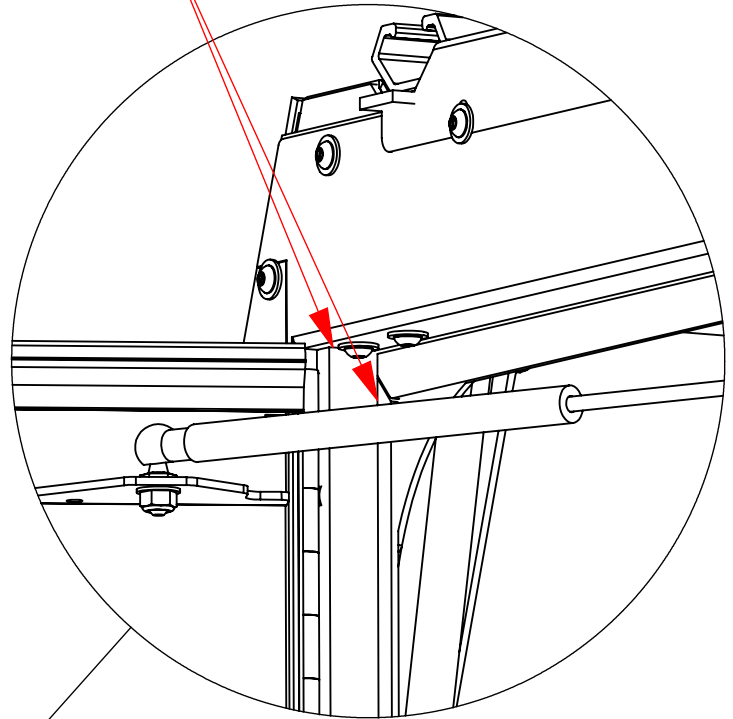
APPLY 77586
FOAM STRIP ON
HINGE LEG.
(2 PLACES)



NOTE: FOAM
SHOULD BE AT
THE VERY TOP,
AND EDGE OF
FOAM AGAINST
FLANGE AWAY
FROM BARREL OF
HINGE.



Step 18



STEP 19 - ATTACH SEAL TO FACE OF BARN DOOR LOWER BRACKET

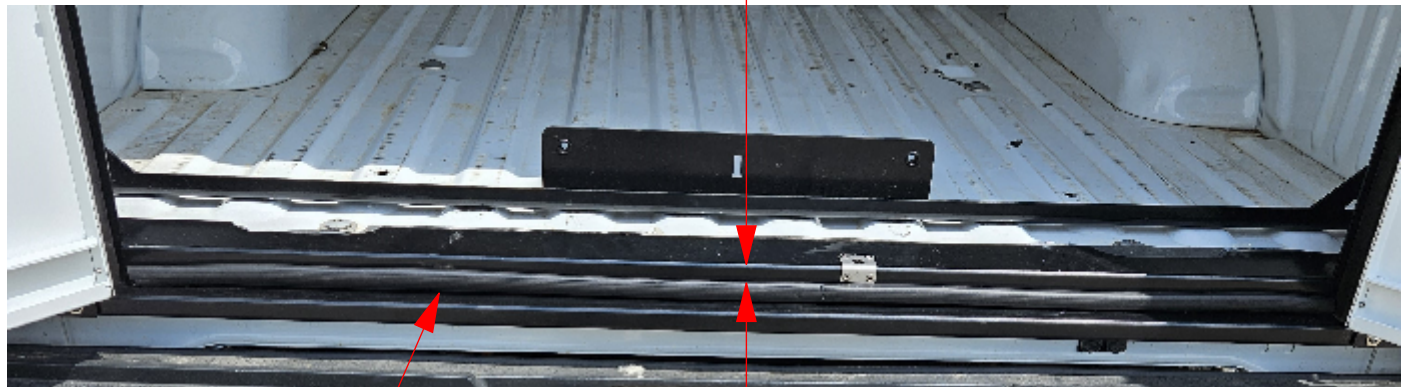
Step 19
CLEAN SURFACE
WITH ALCOHOL.
PREP WITH 57392
ADHESIVE
PROMOTER.



APPLY 77941
GASKET



NOTE: GASKET
SHOULD BE
CENTERED
BETWEEN FOAM,
AND .75" FROM
TOP OF LOWER
BRACKET.



Step 19

**STEP 19 ALT - ATTACH SEAL TO FACE OF BARN DOOR LOWER BRACKET
(ALTERNATE FOR COLORADO)**

**Step 19ALT
CLEAN SURFACE
WITH ALCOHOL.
PREP WITH 57392
ADHESIVE
PROMOTER.**



**APPLY 77941
GASKET**



**NOTE: GASKET
SHOULD BE
CENTERED
BETWEEN FOAM
STRIPS, AND
PRESS UP
AGAINST RISER.**

FOAM STRIPS



Step 19

STEP 20 - APPLY SILICONE TO INSIDE FRONT CORNERS AND INSIDE REAR CORNERS. ADD FOAM TO REAR.

Step 20.1
APPLY A 4" STRIP
OF SILICONE TO
BOTH INSIDE
FRONT CORNERS

Step 20.2
APPLY A 4" STRIP
OF SILICONE TO
BOTH INSIDE
REAR CORNERS

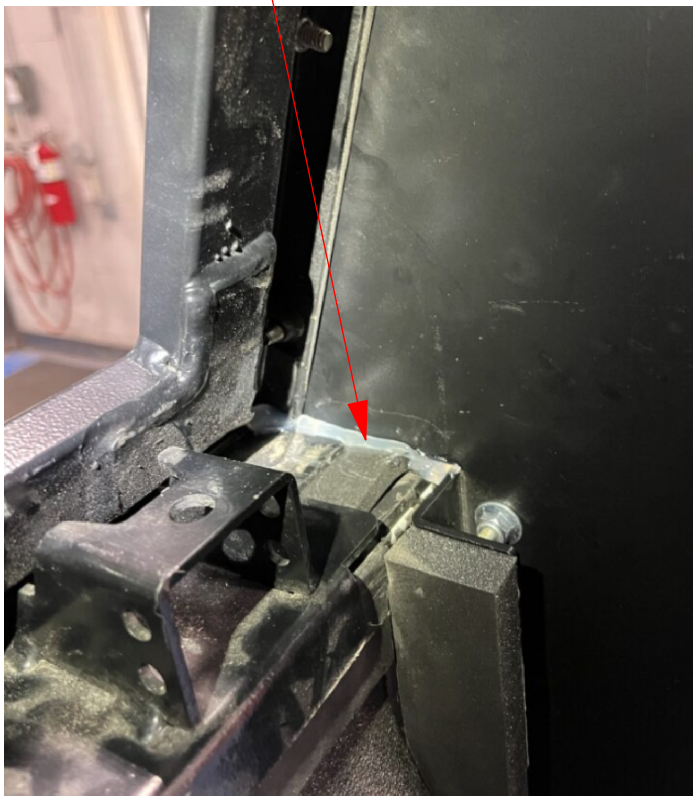
Step 20.3
CUT 75114 IN (2)
6" PIECES AND
PLACE AS
SHOWN AT REAR
OF VEHICLE

(2) PLACES

Step 20.1



Step 20.2



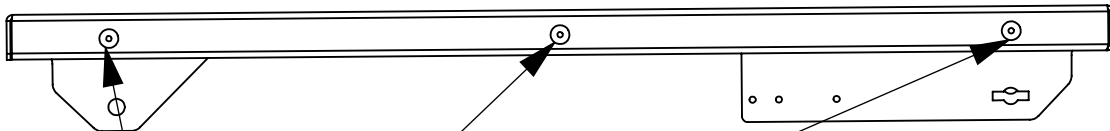
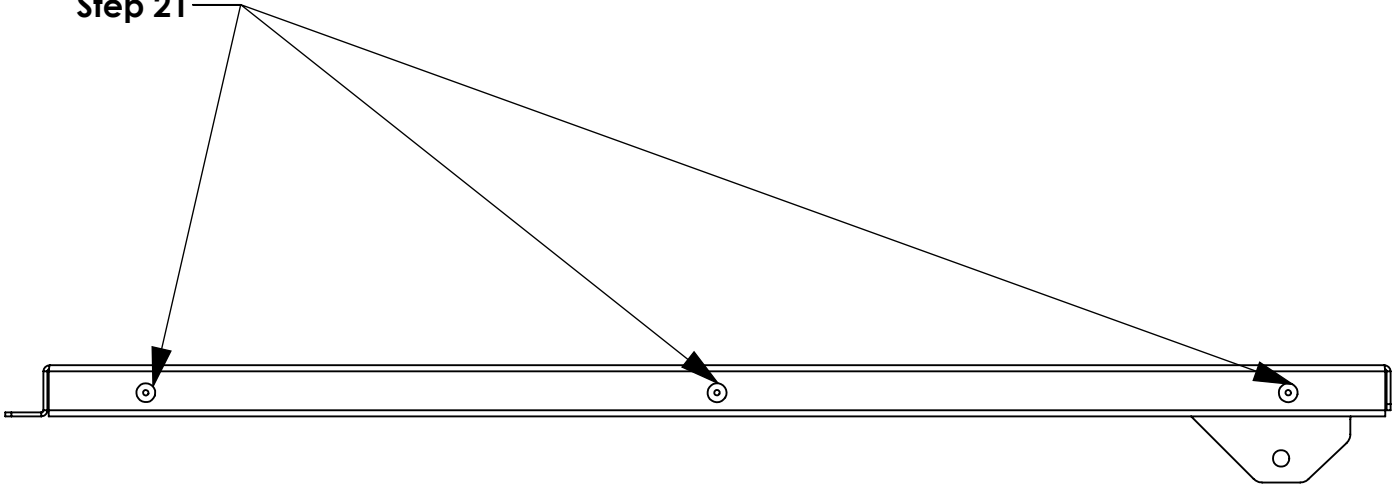
Step 20.3



STEP 21 - APPLY SILICONE TO TOP OF BOTH DOORS ON RIVETS.

Step 21
APPLY SILICONE
TO TOPS OF
DOORS ON
RIVETS
(6 PLACES)

Step 21



Step 21

STEP 22 - CLOSE DOORS AND ADJUST BED FILLERS.

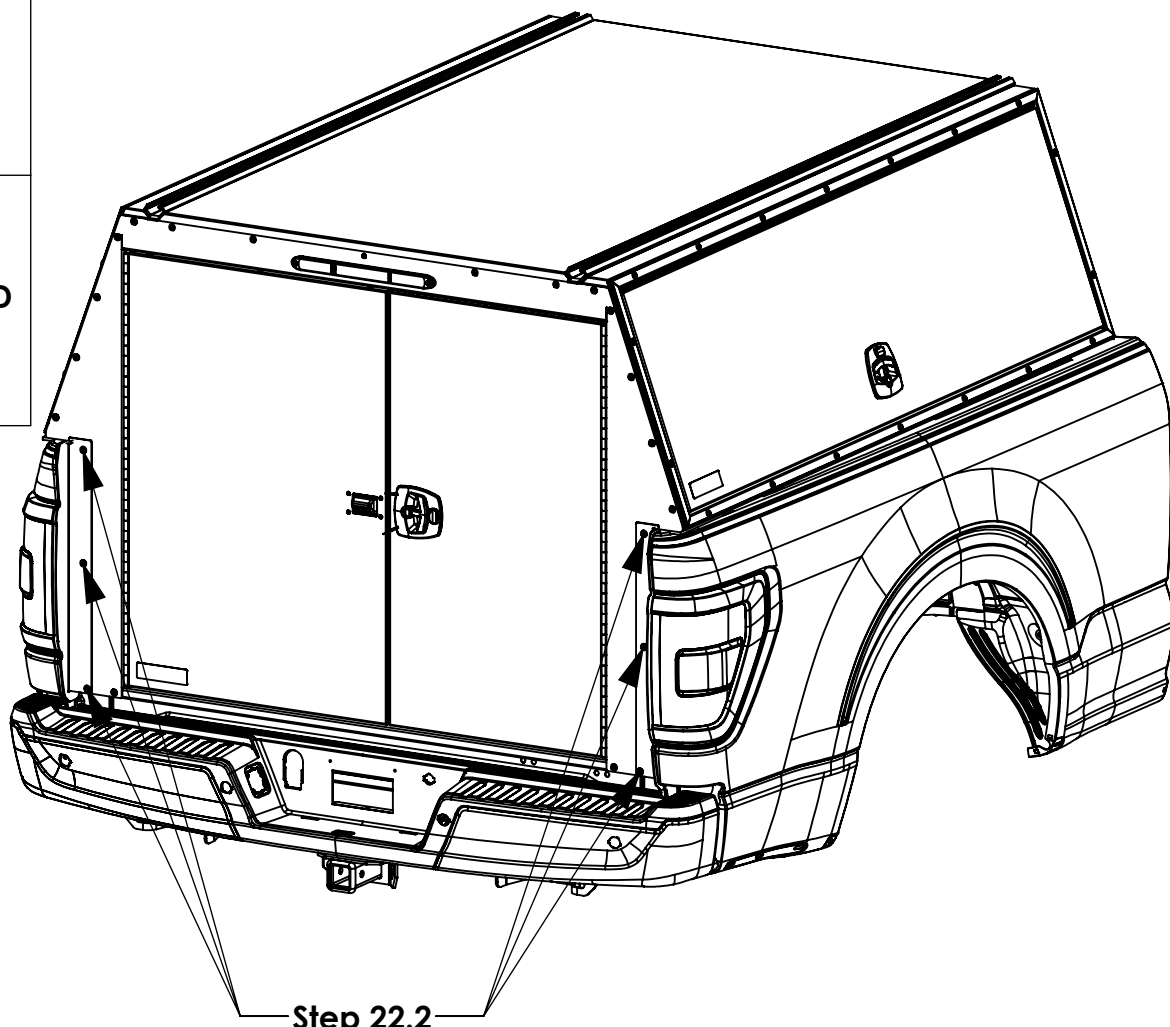
Step 22.1
CLOSE DOORS
STARTING WITH
DRIVER'S SIDE
FIRST THEN
PASSENGER SIDE.
CONFIRM LOCK
ROD IS ENGAGED
IN HOLE OF
LOWER BRACKET.



NOTE: IF DOOR
DOES NOT LATCH
WITH MINIMAL
EFFORT, CHECK
THAT TOPPER IS
SQUARE AND
CENTERED.

Step 22.2
ADJUST BED
FILLERS OUT TO
MAX WIDTH AND
FULLY TIGHTEN

(6 PLACES)



MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

Introduction / Comments:

Install Instructions For Brake Light On Topper For Silverado

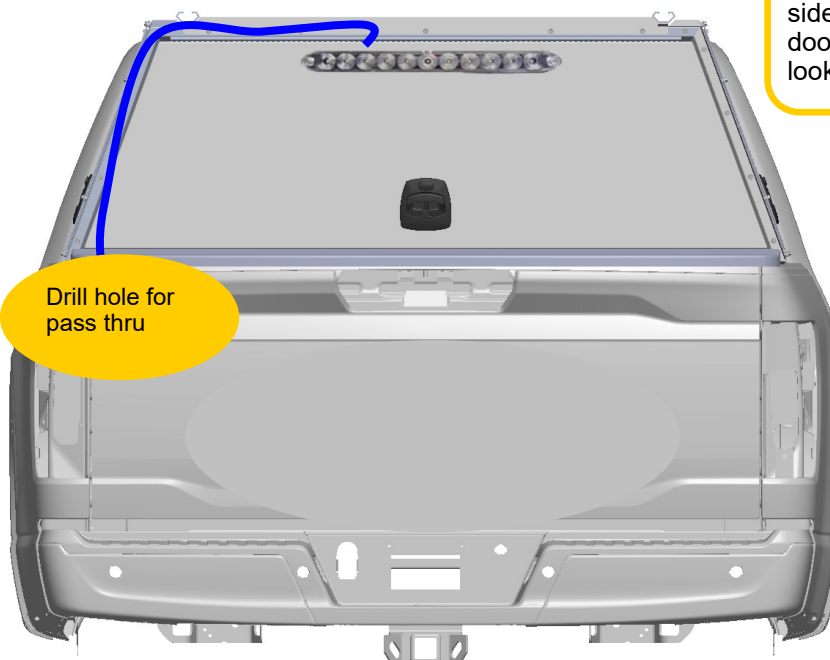
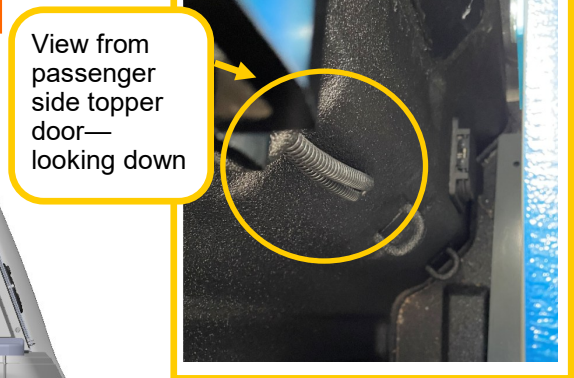
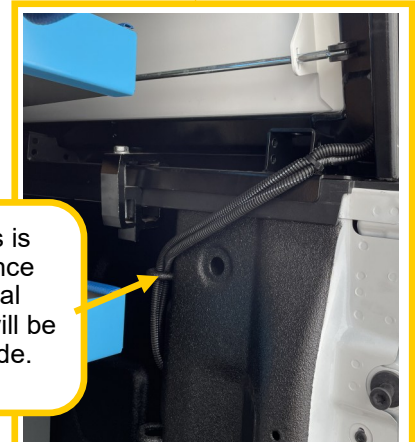
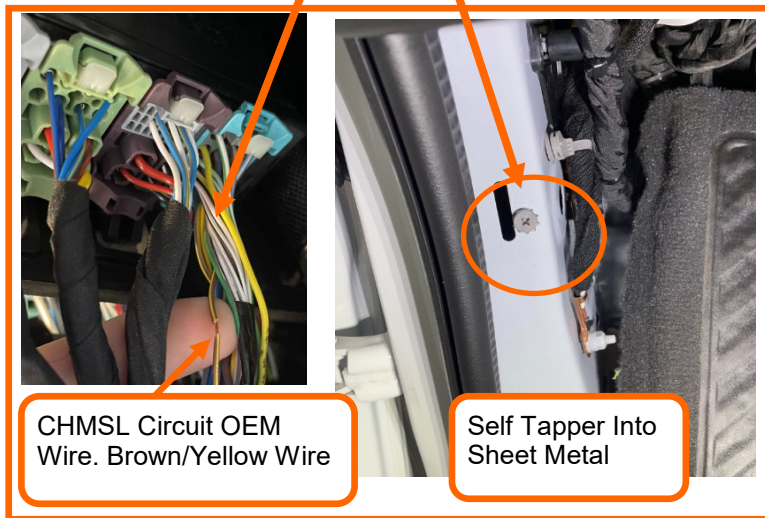
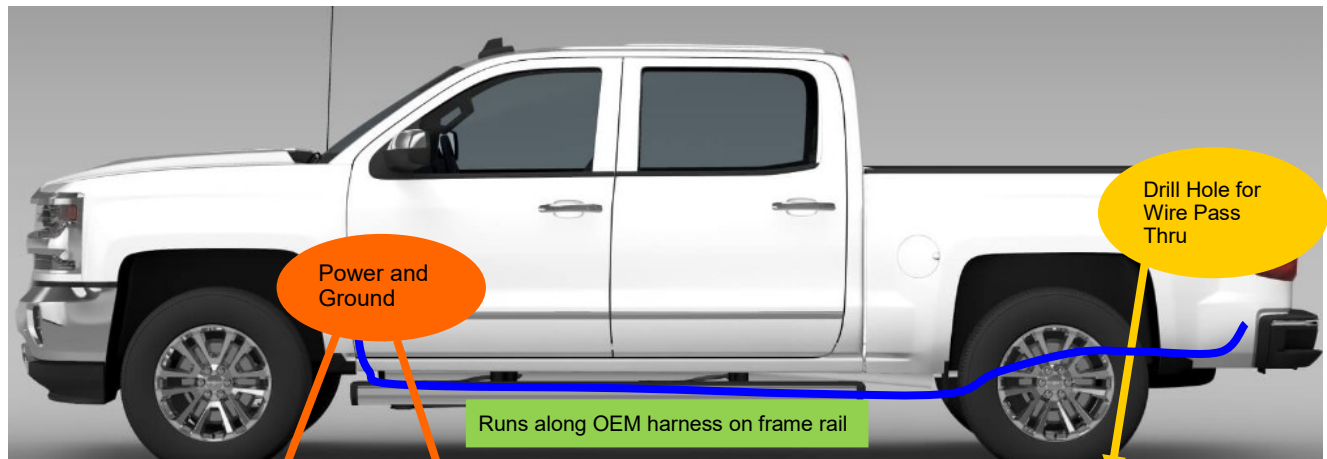
Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638)** before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.



Installation Instructions For Brake Light On Topper For Silverado 1500 / 2500 / 3500

Routing Overview



Color	Key - Items
Orange	Power and Ground Location
Blue	Harness Routing
Yellow	Bed Wire Pass Thru



Step 1: Locate the brake light harness 71680.

Remove the fuse from the inline fuse holder until the end of the install.

Open the driver's side door. Remove the trim panels circled in red.



Step 2:

Locate the body control module on the lefthand side of the vehicle body, behind the OBDII port. There will be 5 colorful connectors with wire harnesses plugged into the bottom of the module.

For 2023 and 2024 Silverado 1500 and for the 2024 ONLY Silverado HD Series:

Locate the light blue connector (X5), pin 25. This wire will be Yellow/Brown. This is the OEM CHMSL circuit wire for the brake light. Use a meter to be sure this is the correct wire (OEM's tend to change wire colors).

For 2023 Silverado HD Series:

Locate the black connector (X4), pin 11. This wire will be Violet/White. This is the OEM CHMSL circuit wire for the brake light. **Use a meter to be sure this is the correct wire (OEM's tend to change wire colors).**

Separate the wire from the bundle (by your finger or a trim tool) to prepare it to be connected with the brake light harness.

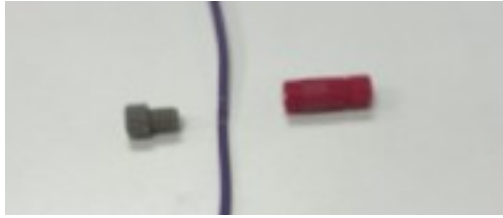
Locate the posi-tap in the brake light harness bag.



Posi-tap

The red wire in the pictures is referencing the brake light harness.

The purple wire in the picture is referencing the OEM brake light signal wire.

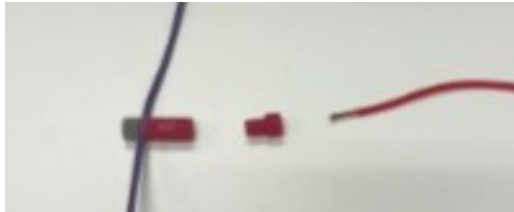


Step 3: Remove the grey cap on the posi-tap.

Push the OEM brake signal wire into the insert on the grey cap.



Twist the grey cap back onto the posi-tap with the OEM wire secured. The pin point on the posi-tap will puncture the OEM wire and obtain the signal.

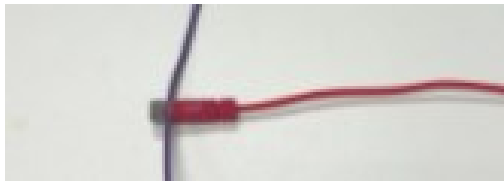


Remove the red cap on the posi-tap.

Insert the blunt cut end of the brake light harness through the red cap.

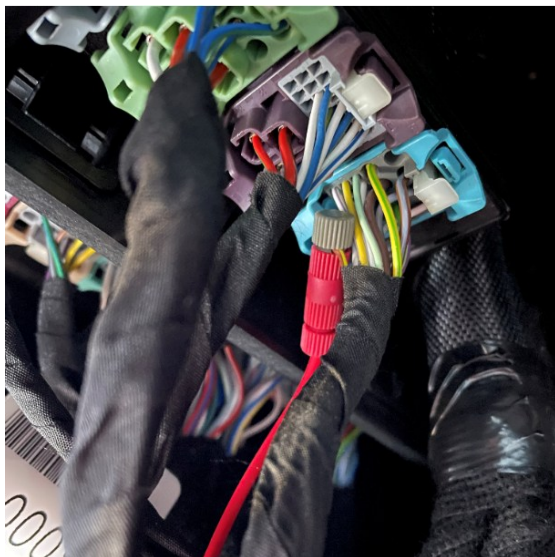


Twist the cap back onto the posi-tap with the brake light harness secured.



The picture to the left is the actual installed posi-tap onto the OEM wire.

Be sure the connection is secure.





Step 4: On the driver's side: locate the cut outs for the trim panels in the sheet metal near the OEM chassis ground. This is located to the left of the OBDII port on the vehicle body.

Locate the cut out that is higher on the frame than the OEM ground, shown in the picture to the left.

Locate the fastener bag BAG71800 and find the small tek screw and the star washer.

Insert the ring terminal through the star washer then through the ground ring terminal on the brake light harness.

Screw the tek screw into the frame like shown in the picture to the left.

Be sure not to over tighten or under tighten the screw. Be sure there is a good connection by checking the connectivity of the ground with a multimeter. You can do this seeing if there is a resistance (Setting "Ω" on meter) between the OEM copper ground and the new ring terminal.

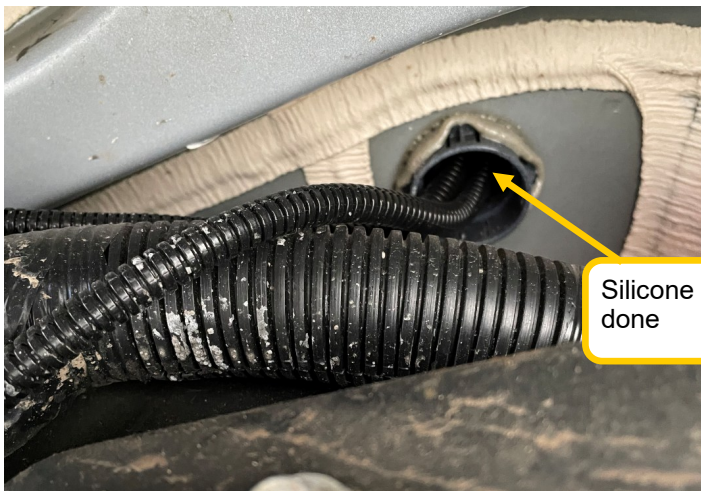


Step 4: Locate the OEM floor grommet by lifting up the carpet on the driver's side.

If installing the interior lighting kit as well as the brake light kit, utilize the larger grommet supplied in the brake light harness bag.

If only installing the brake light harness, utilize the smaller grommet supplied in the brake light harness kit.

Drill (for larger grommet a 1" hole and 0.625" (5/8) hole for the smaller grommet) then route the wire harness through the grommet, to the underbody of the truck.



Silicone when done.



Step 5: Routing (Refer to routing diagrams at the beginning of the instructions)

Route the brake light harness rearward following the OEM wire harness on the frame. Continue routing the harness rearward until you reach the bumper.

Continue routing the harness upward in the bed cavity, to the bed wire pass thru area.

Drill a hole above the 2 rings on the passenger side of the bed. Be sure the area is clear for a pass thru before drilling.

Tuck any excess wiring into the empty cavity underneath the bed frame. Bundle the excess wire in the cavity using zip ties. Use the tek screw and p-clip to secure the bundle to the frame.

Secure the wiring with zip ties.

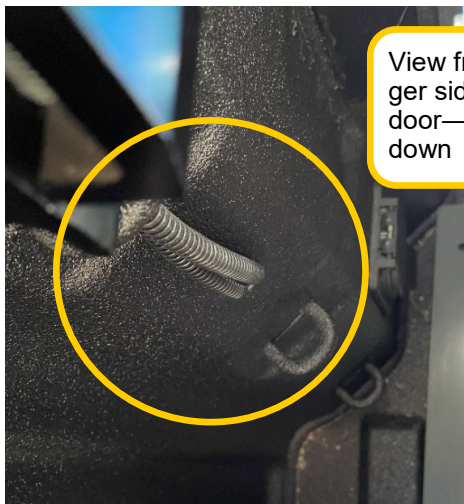
DO NOT secure wiring to any brake lines.

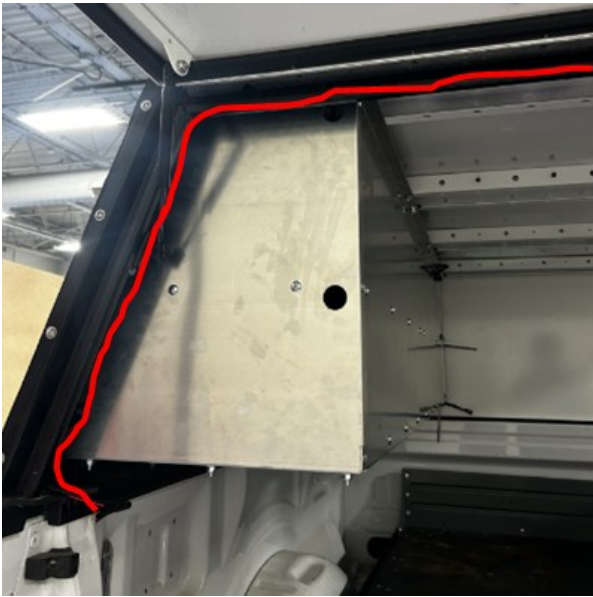
Excess Wire Under Body. Use the provided tek screw and p-clip to secure wiring to the frame



Note: This is for reference only. Actual location will be driver's side.

View from passenger side topper door—looking down





Step 6: Routing continued

Continue routing the brake light harness inside the topper, to the light.

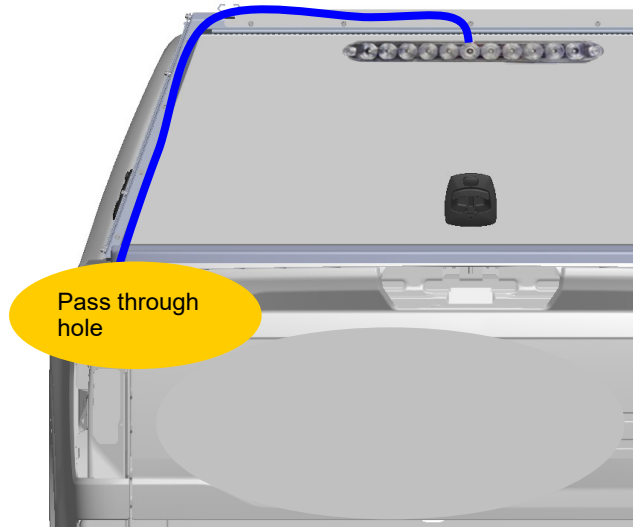
The harness should run along the driver's side rear cavity, then across the top cavity to the light (Red and blue lines shown in pictures).

Be sure to leave extra wire from the brake light to the topper rails before securing. This ensures the wires won't break when the topper door opens and closes.

Secure harness using stud mount zip ties.

Connect the harness to the light:
Plug the connectors together. Pull connectors lightly to ensure they do not come apart.

Be sure the red wire on the harness connects to the black wire on the light. Then the black wire on the harness connects to the white wire on the light.



Insert the fuse into the inline-fuse holder on the brake light harness.

The install is now complete.

Check that the brake light comes on when the brake pedal is pushed, then back off once pedal is released.

Introduction / Comments:

Install Instructions For Brake Light On Topper For RAM 1500/2500/3500 (5.6' - 8')

Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638)** before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.



Install Instructions For Brake Light On Topper
For RAM 1500/2500/3500 (5.6'-8')

Section 1: Table of Contents

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These symbols are used in the document to warn installer to make sure there is understanding beyond general precautions used when working on electrical installations.

	ANSI Z535.6-2006 refers to the use of blue when “addresses practices not related to personal injury”.
	Yellow labelling level of personal injury = could result in minor injury.
	Red labelling level of personal injury = could / will result in death.

Section 2: Cable Kit Part Identification [PART# 72914]:

Pre-Assembly Picture of All Parts



Parts Included:

- (173") Nylon Harness Loom
- (1) P-Clip, Philips self tapping screw
- (4) Self-Adhesive tie mounts
- (2) Alcohol pads
- (1) Grommet
- (7) Tree mount cable ties
- (10) Cable ties
- (1) Fastener



Section 3: Tools Needed & Fastener ID/Torque Table:



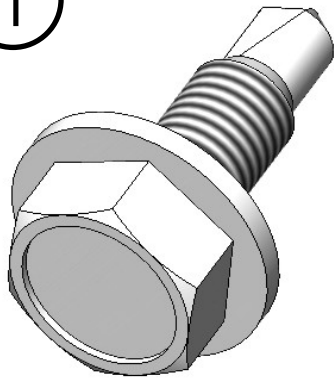
Figure 4-1: Tools Needed for Installation

Section 3: Tools Needed & Fastener ID/Torque Table:

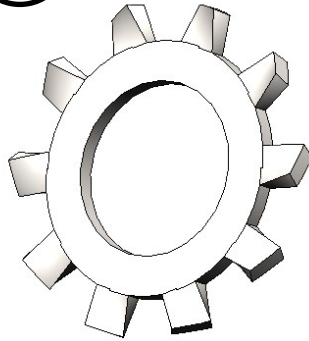
Torque Table for KIT 67342 [HYB]: 700/1000W

ITEM NO.	ASC PN	Description	PCS	Torque Range	Use Wrench or Size
1	FAS0641	1/4" HH Self tapper	1		7/16"
2	FAS0066	1/4"Star tooth Washer Galv.	1	—	—
3	Ground Stud Fastener (Used for RAM 1500 only)	10mm Nut	1	12Nm [+/- 1.2Nm] (106 lb.in).	10mm NUT

1



2

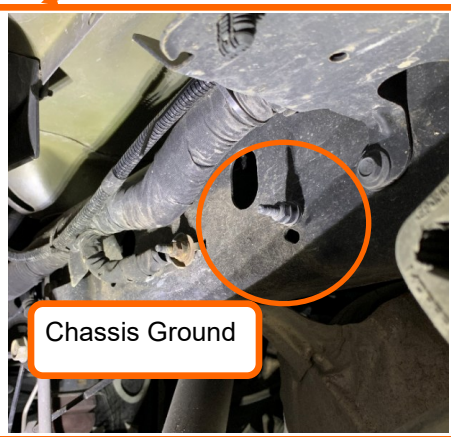
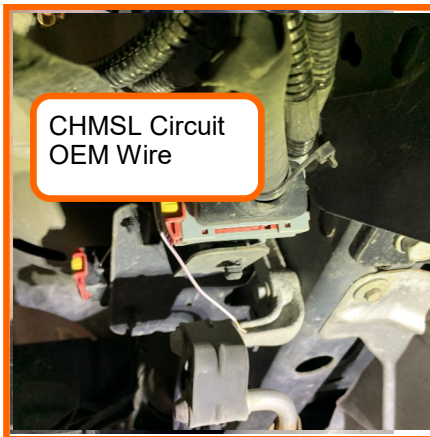
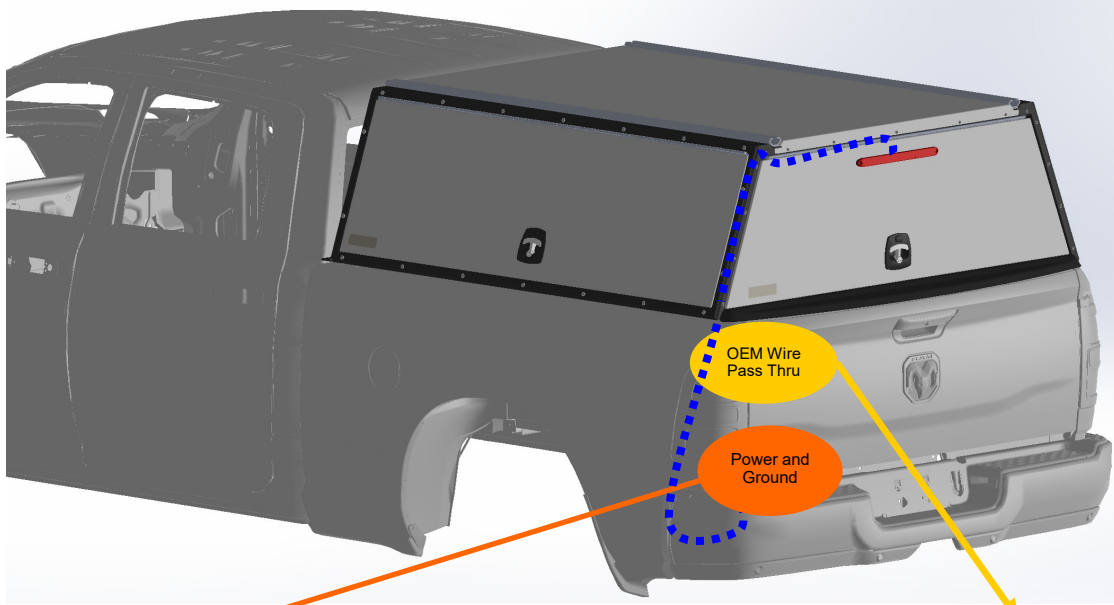


Used for 2500/3500 Only

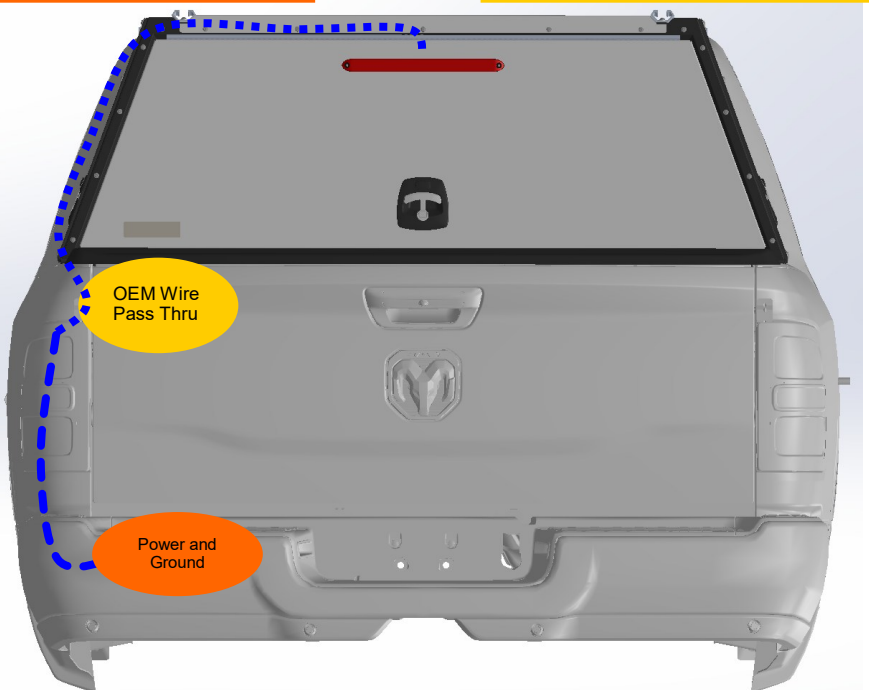
Used for Grounding to Chassis

RAM 1500 Only

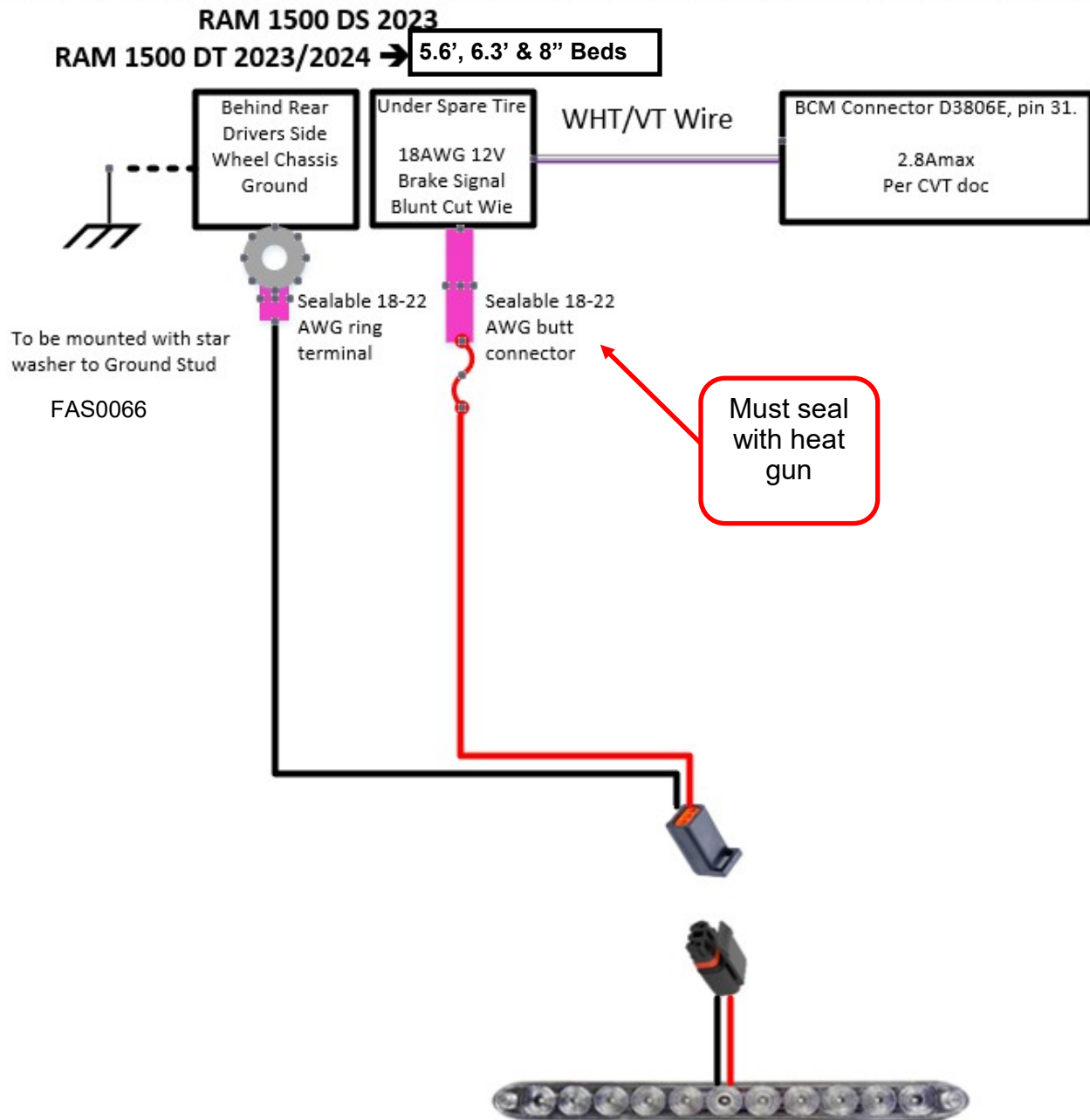
Section 4: General Vehicle Layout:



Color	Key - Items
Orange	Power and Ground Location
Blue	Harness Routing
Yellow	Bed Wire Pass Thru



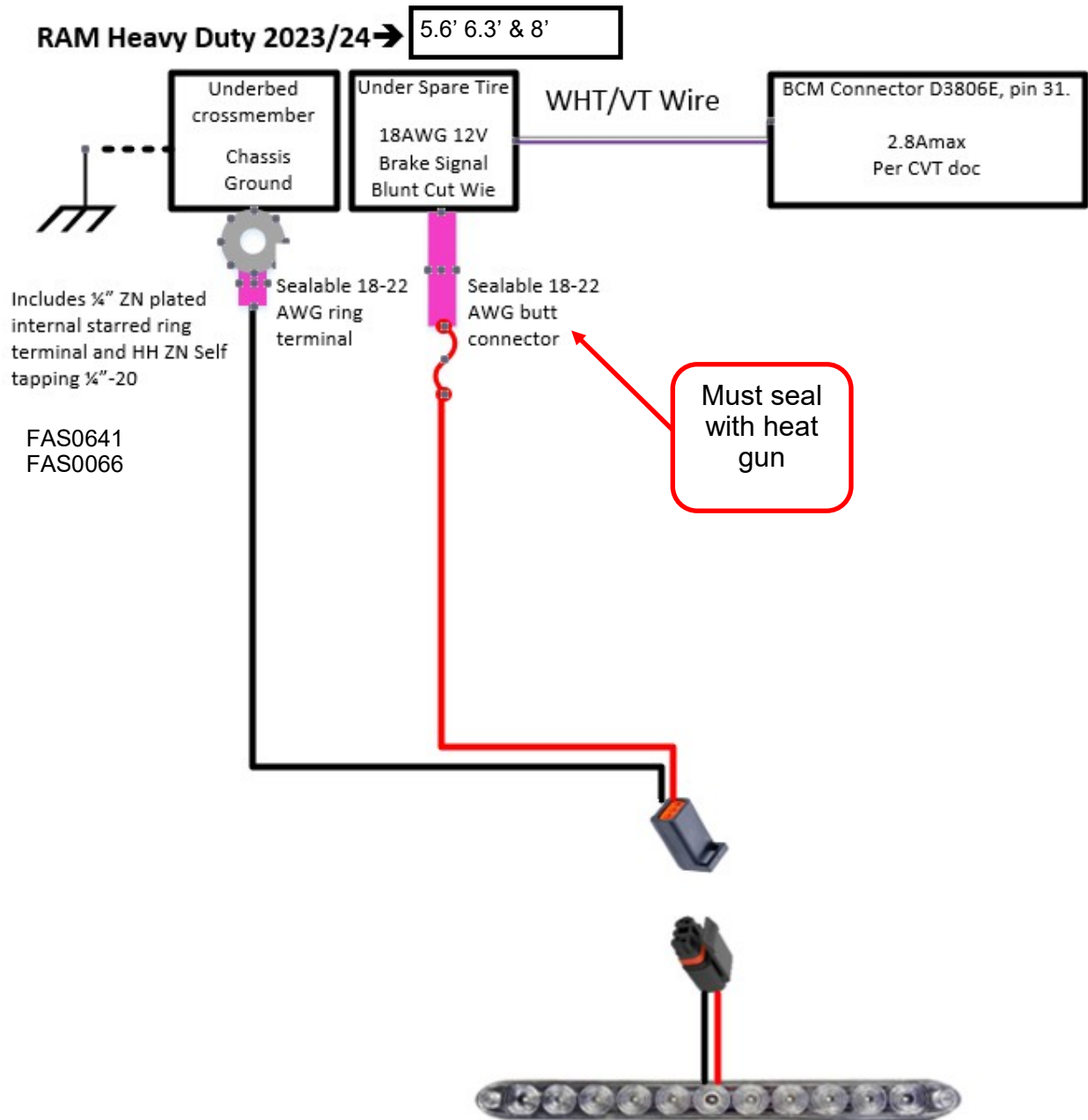
Section 5: General Wiring Diagram:



RAM 1500 DS 2023
RAM 1500 DT 2023/2024 → 5.6' 6.3 & 8' Beds
White/Violet blunt cut wire located on rear driver side frame

Figure 5-1: Wiring Diagram

Section 5: General Wiring Diagram:



RAM 2500/3500 DS 2023

RAM 2500/3500 DT 2023/2024 → 5.6' 6.3 & 8' Beds

White/Violet blunt cut wire located on rear driver side frame

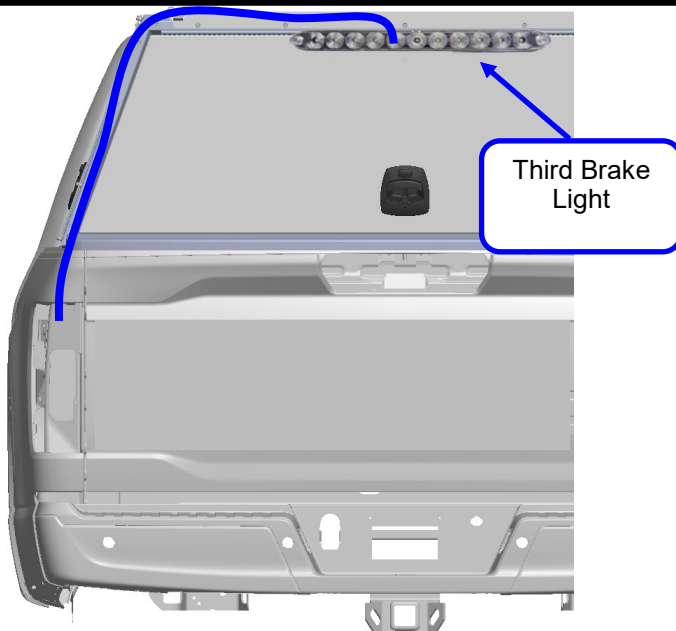
Figure 5-1: Wiring Diagram

Section 6: Vehicle Integration



Step 1: Locate the brake light harness 72914.

Remove the fuse from the inline fuse holder until the end of the install.



Step 2: Locate the 3rd brake light located in the middle rear of the topper. Plug mating end of brake light harness (72914) into pre-existing connector for the brake light.

Step 3: Locate OEM grommet cover located in the truck bed wall on the driver side.

Using a drill and a 9/16" drill bit, drill a 9/16" hole in the center of the cover. Use the image to the left as reference. This hole will allow for the harness to be inserted into until. The grommet will then be in place around the harness, in the drilled hole.

The RAM 2500/3500 will route the wiring through the hole indicated in the 2nd image. The grommet on the harness will meet with the opening and fit accordingly. The existing grommet on the harness can be cut off and is not needed. However, be sure to add provided grommet in kit to harness.





Step 4: Routing (refer to routing diagram at beginning of instructions).

Once connection of the brake light and harness are made, use the push-click-pull method to ensure positive locking of the connector.

Following the images to the left, begin to route the harness towards the grommet cover. Continue routing the brake light harness inside the topper. The harness will be roughly routed from the brake light directly towards the driver side door of the topper and routed down as shown in the image.

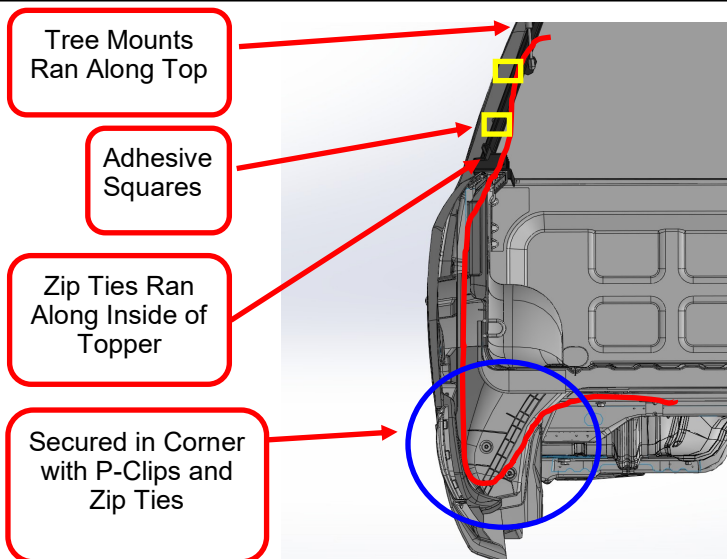
Be sure to leave extra wire from the brake light to the topper rails before securing. This ensures the wires won't break when the topper door opens and close.

*****IMPORTANT:**

Ensure while securing wiring to avoid all sharp edges. (Shown in image 2, circled in red).



Watch for Sharp Edge

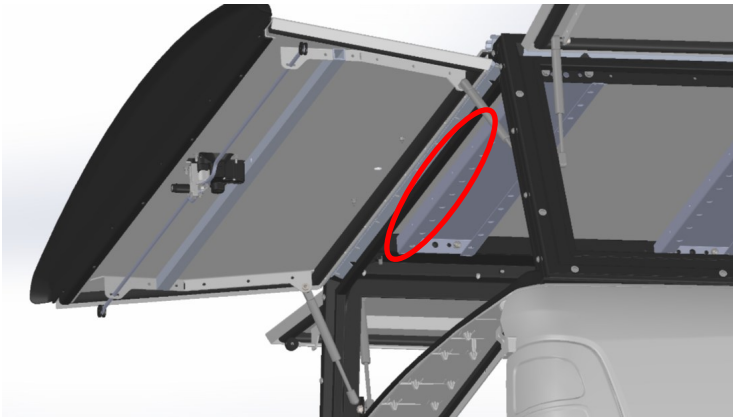


Step 5: Begin to secure the harness using provided zip ties and stud mount zip ties where necessary. Ensure the harness is taut. Once the harness is secured running along the inside of the driver side, drop the harness down the D-pillar of the vehicle, through the grommet cover.

Pull the harness and ensure the grommet on the harness is in proper position with the cover.

The harness down the D-pillar shall be tightened to the rail using p-clips to hold the harness in the corner as it goes towards the bed wire pass through cover.

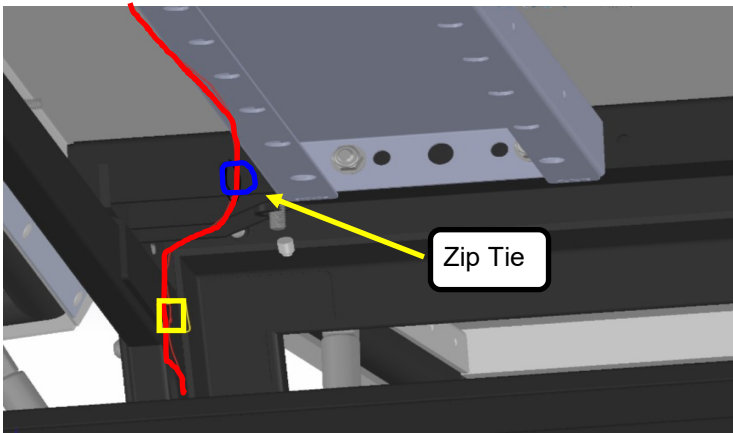
*** Use image as reference only. Drill p-clip into bed crossmember and do not drill into bed floor.



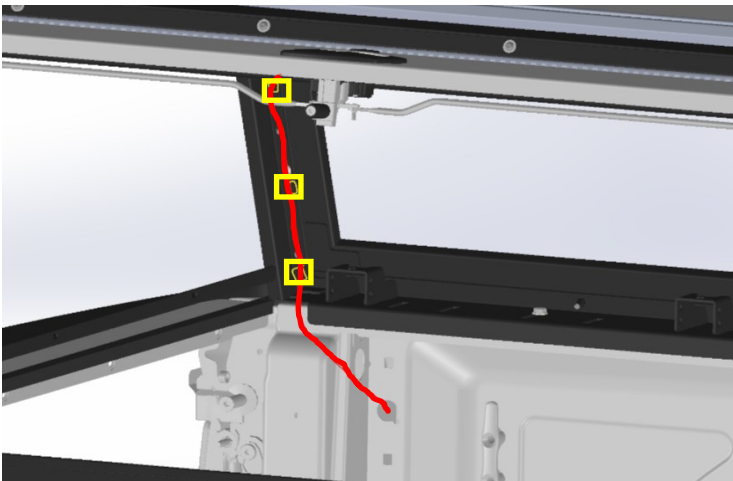
Step 5 Cont. :

***** Note: Routing explained more below.**

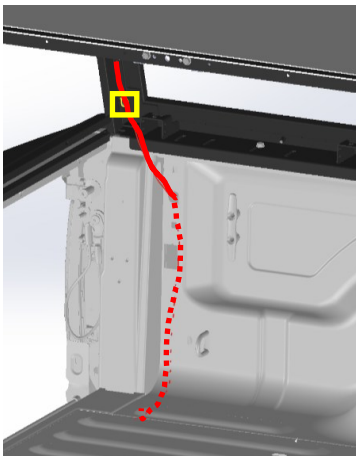
As shown in the first image to the left, route wire harness along first roof bow utilizing tree mounts and zip ties.



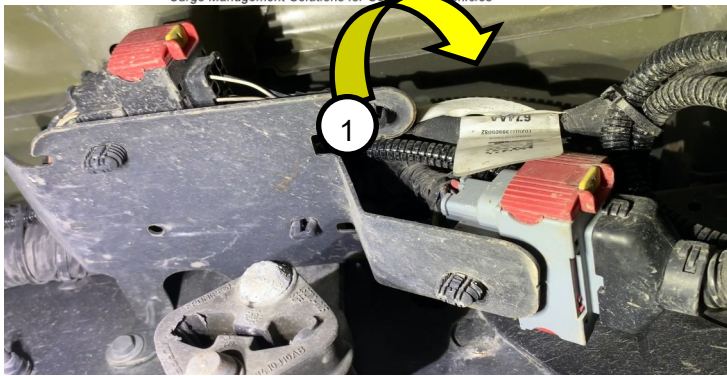
Once harness is secured along first roof bow, locate the first hole running along the driver's side wall, indicated in the 2nd image. Using a zip tie, secure the harness in the first hole. Ensure the harness is avoiding all sharp edges, as well as not too taut to damage the harness.



Install stud-mount zip ties along the inside edge of the topper, as shown in the third image. Route the harness along the inside edge and secure it to the stud-mount zip ties.



Lastly, once the harness is entirely secured, route the harness downward through the D-pillar as shown in the last image on the left.



FOLLOW INSTRUCTIONS FOR RAM 1500

Step 6: MOVE TO REAR UNDERSIDE OF VEHICLE.

Locate the brake light harness 72914 that is dropped through the D-pillar and ensure that the fuse from the inline fuse holder is removed until the end of the install.

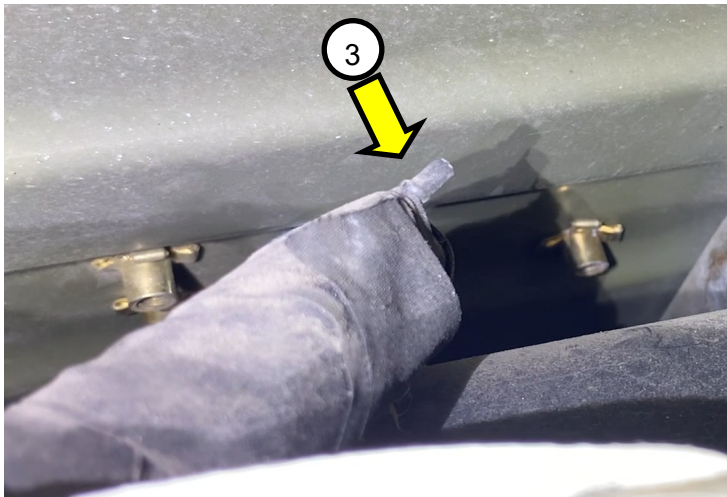
Step 7:

On the street side, rearward of the vehicle tire is access to the harnessing for the rear electrical. Locate OEM red and gray connector.

Look around the topside of the harness connections and follow the part of the harness that goes toward the center of the vehicle (towards the curb side) [See yellow arrow 1].

There will be a small tape covered wire separate from the OEM harness. It will have a black covering on the end [See yellow arrow 2].

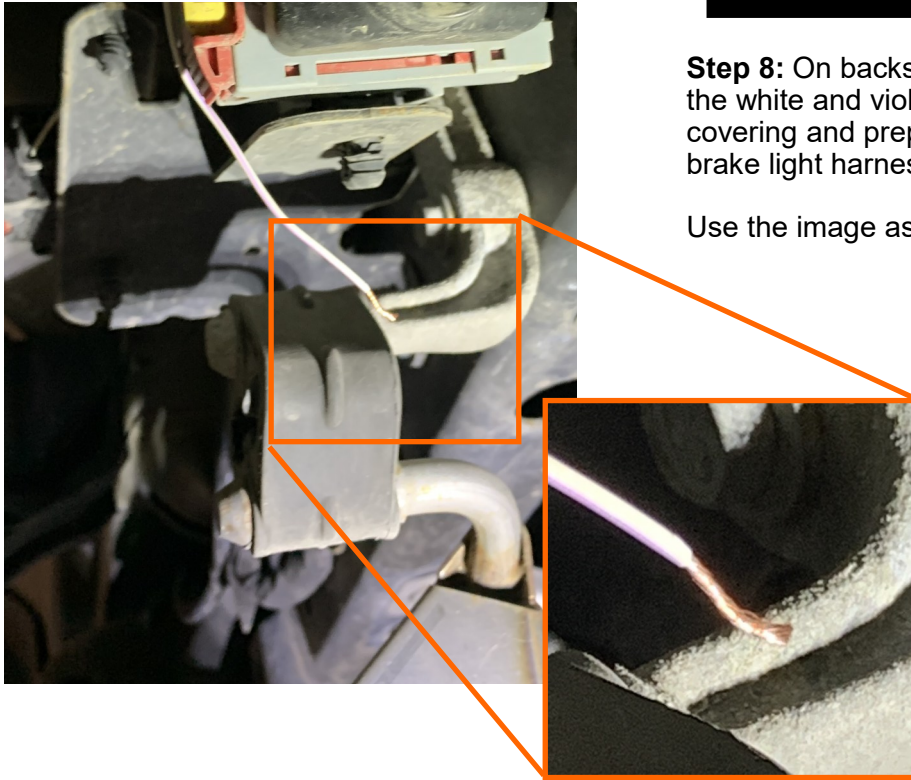
This is the OEM CHMSL circuit wire for the brake light. Its color is White with a Violet stripe



FOLLOW INSTRUCTIONS FOR RAM 1500

Step 8: On backside of the OEM harness, locate the white and violet wire. Begin to strip the wire covering and prepare it to be connected to the brake light harness.

Use the image as reference.



Step 9: Locate the end of the harness (PN72914) with the ring terminal and butt connector.

Use the butt connector to connect to the OEM CHMSL wire. Use a heat gun to shrink the butt connector once crimped on. **It must be completely sealed.**



FOLLOW INSTRUCTIONS FOR RAM 1500

Step 10:

Along side of the OEM harness, locate the OEM chassis ground located on the frame—forward of the CHMSL connection, but still aft of the street side rear wheel. Shown circled in red in the image to the left.

Using a 10mm socket wrench, firmly secure the ring terminal on the brake light harness to the chassis ground. Be sure to place a 1/4" star tooth washer (FAS0066) in proper position, in front of ring terminal before securing back in place.

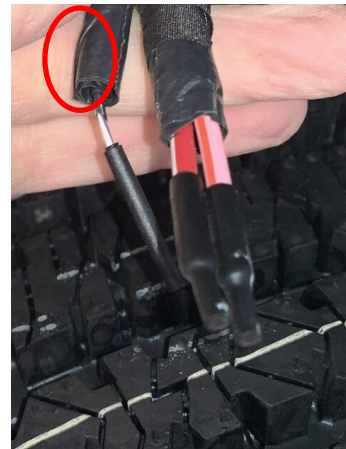


FOLLOW INSTRUCTIONS FOR RAM 2500/3500

Step 11:

Locate the underside of the vehicle. Near the spare tire, closer to passenger side, locate OEM harness shown in the image to the left. Cut white tape wrapped around harness.

Begin to pull OEM harness out from behind truck tire until you can visually see the blunt cut wire end wrapped in black tape.

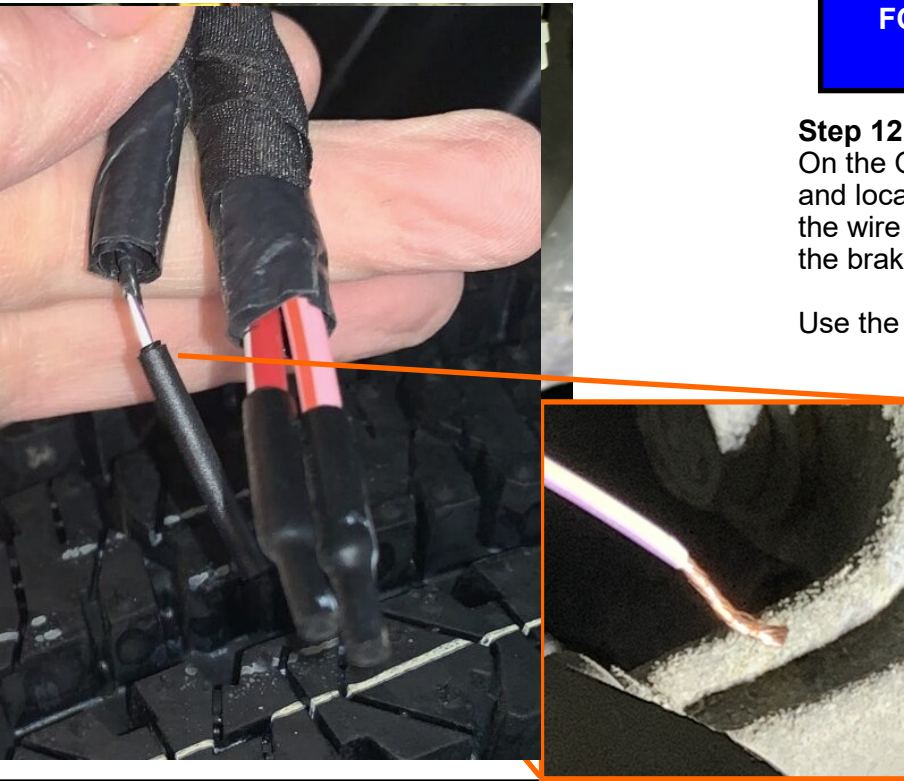


**FOLLOW INSTRUCTIONS FOR RAM
2500/3500**

Step 12:

On the OEM harness, remove tape on wire end and locate the white and violet wire. Begin to strip the wire covering and prepare it to be connected to the brake light harness.

Use the image as reference only.



Step 13:

Locate the end of the harness (PN72914) with the ring terminal and butt connector.

Use the butt connector to connect to the OEM CHMSL wire. Use a heat gun to shrink the butt connector once crimped on. **It must be completely sealed.**

Step 14:

Route the other end over the underbody frame rail to the white underbed crossmember. Follow the image as reference.

Using a self tapping screw, begin to screw the other end wire terminal to the vehicle.

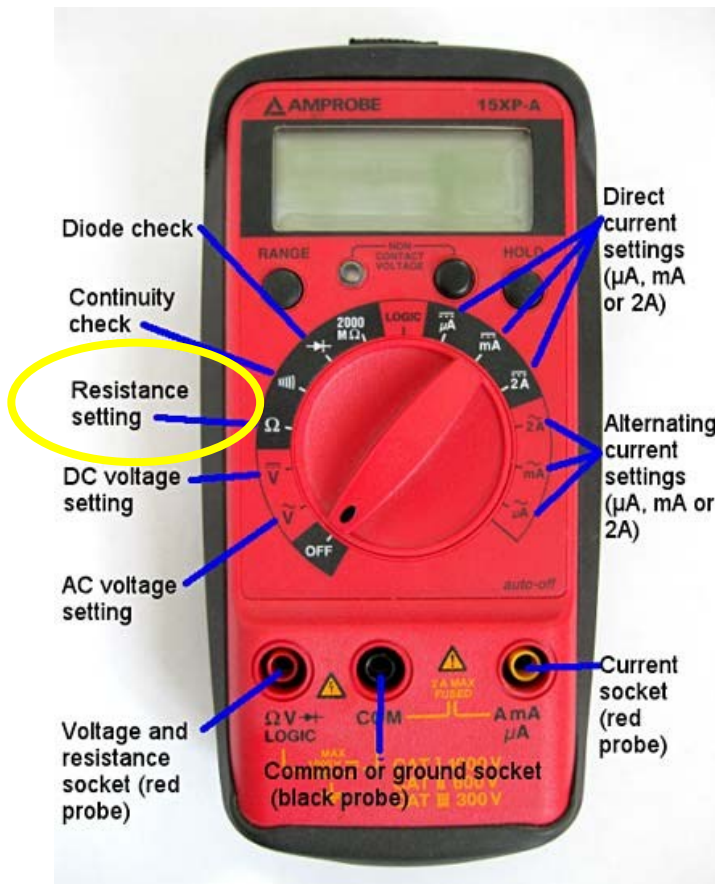
1pc - 1/4" HH Self tapper FAS0641
1 pc - 1/4" Star tooth Washer Galv. FAS0066



**FOLLOW INSTRUCTIONS FOR RAM
2500/3500**

TEST AND CHECK GROUND

Once securing ground on vehicle chassis, please use multimeter to ensure there is a good ground connection.



How to check for good ground:

- Put multimeter on "ohms" setting.
RESISTANCE SETTING

- Place one probe on back end of the screw that was drilled into vehicle chassis.
Place other probe on chassis body. This location must be an unpainted surface.

- Depending on the multimeter, if there is a good ground, there will be a beep sound made. Also, the screen should display any numerical amount of resistance, which will verify it is a good ground.

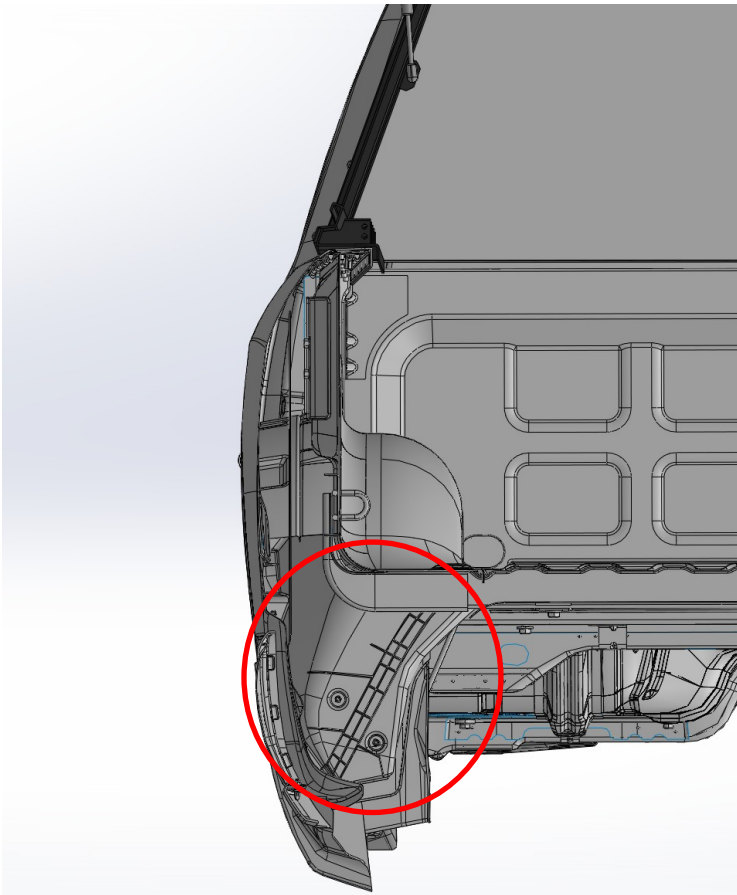
Step 15:

Loop and tie up any extra harness high as possible.

There can be no extra harness beneath the vehicle where snow and ice can pull down. All harness on the bottom of the vehicle should be cable tied in 6-8 " increments along the existing harness in that area.

Be sure to secure the harness using zip ties and p-clips where necessary. Be sure to mount p-clips in a proper location to not damage the vehicle.

If needed, harness can be routed and secured following existing harnesses. Be sure to secure harness directly in the area circled in red.



Step 16:

Place removed fuse back into proper fuse holder position.



Section 7: Test and Check

***** Once the entire install is complete, place fuse back into harness fuse holder. With the vehicle off, press brake pedal. Once brake pedal is pressed, the OEM brake lights as well as 3rd brake light shall light up.**

If the vehicle does not display brake lights when brake pedal is pushed and the vehicle is off, try again while the vehicle is on.

Ensure fuse is placed properly in fuse holder, all connections are correct, and ground has a good connection.

Lastly, ensure all harness is secured inside topper as well as under vehicle.

The install is now complete! ***