TOP, 96" RAM, KM23W

PRODUCT WEIGHT

336.45 LBS

WIDTH X DEPTH X HEIGHT

69.67" X 98.71" X 47.82"

CAPACITY

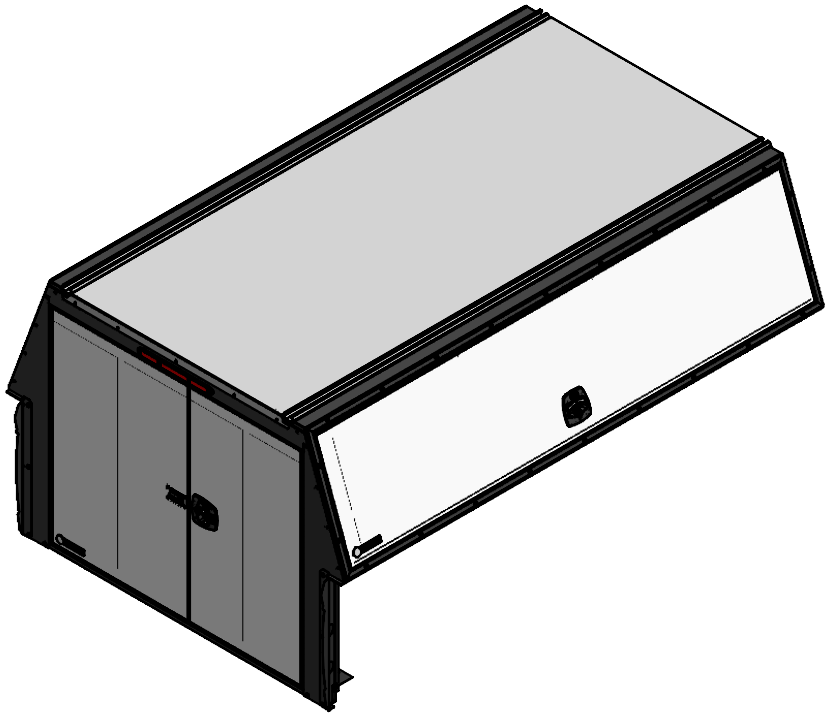
400# ROOF CAPACITY

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 CONSISITING 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)
INTERIOR TOOLBOX COMPONENTS	
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
INTERIOR TOOLBOX CONFIGURATIONS (REFER TO WEBSITE)	
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	UTILTY,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
PLMDDSMT6W	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)
	LIGHTING KITS
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'
	E-LOCK KIT
TELB03	E-LOCK CREW,DRIVER,8

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INSTR. NUMBER : 77454	PG: 1	REV: F
PART NUMBER : TFKFDT178KM23W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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

INSTRUCTIONS SHOWS F-150 6.5' BODY DURING INSTALLATION

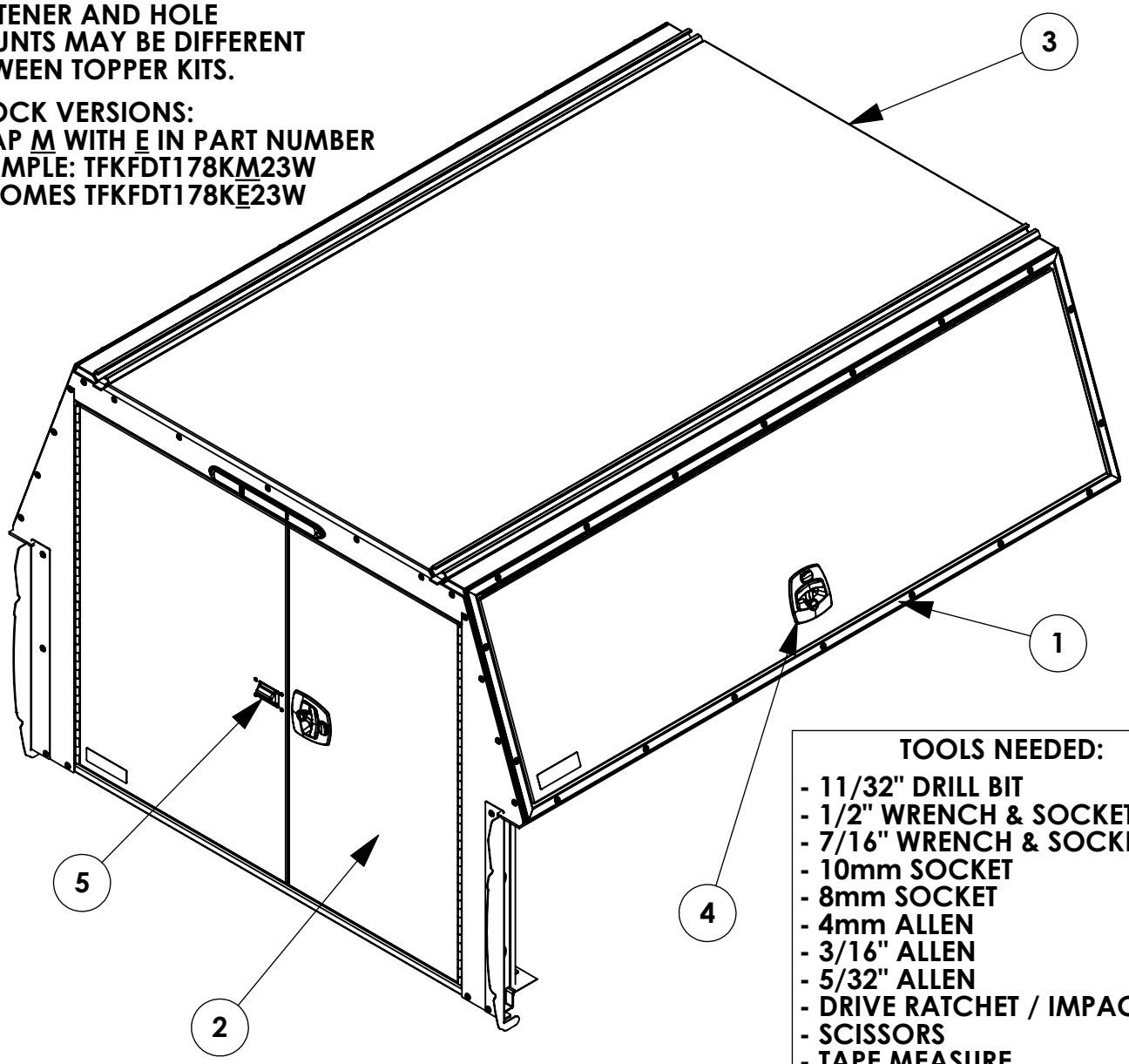
FASTENER AND HOLE COUNTS MAY BE DIFFERENT BETWEEN TOPPER KITS.

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

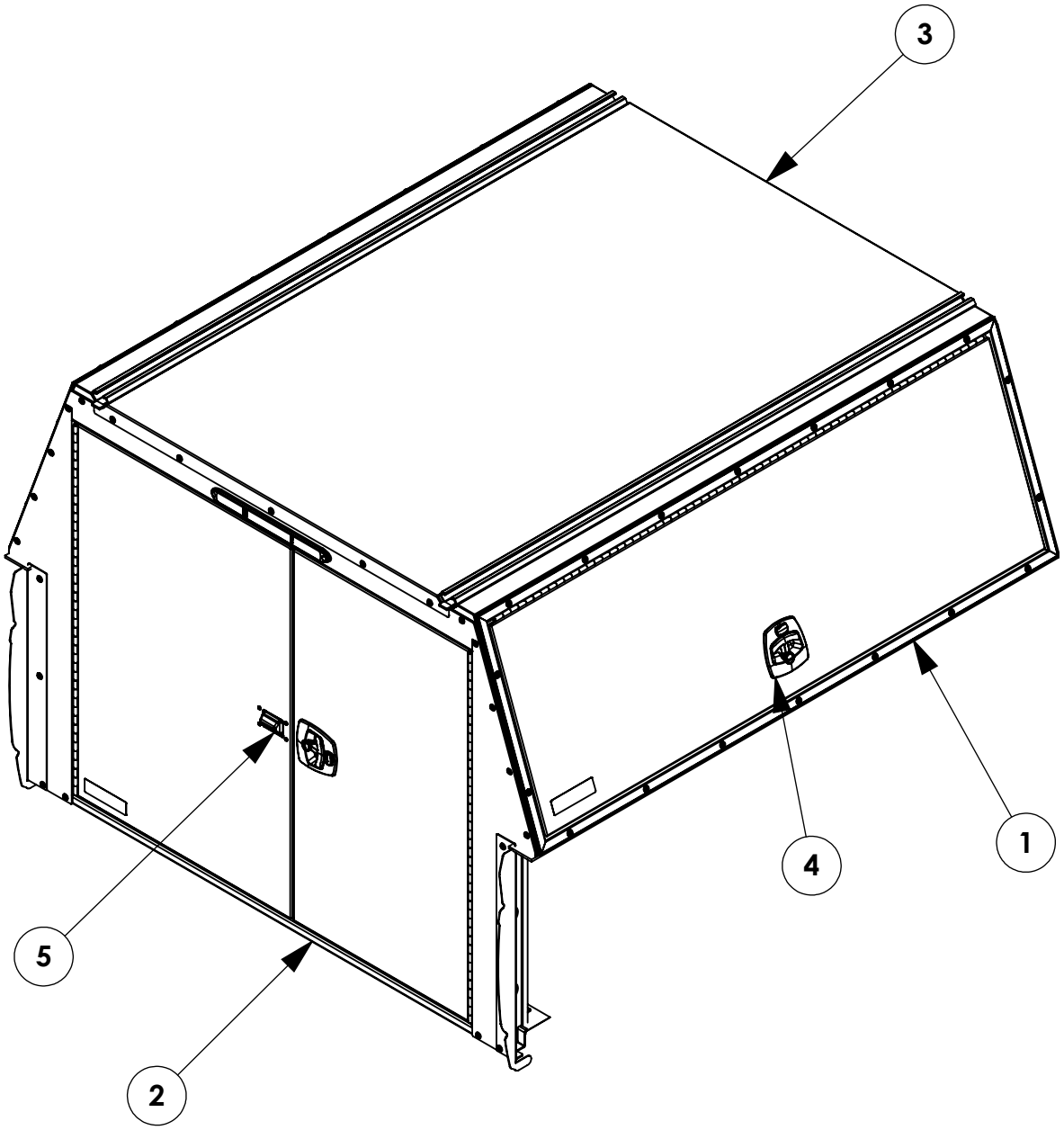
INSTR. NUMBER : 77454	PG: 2	REV: F
PART NUMBER : TFKFDL166KM23W		
PART • ASM INS, TFK_____KM23W / DESC. • JM23W & 26W		

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**



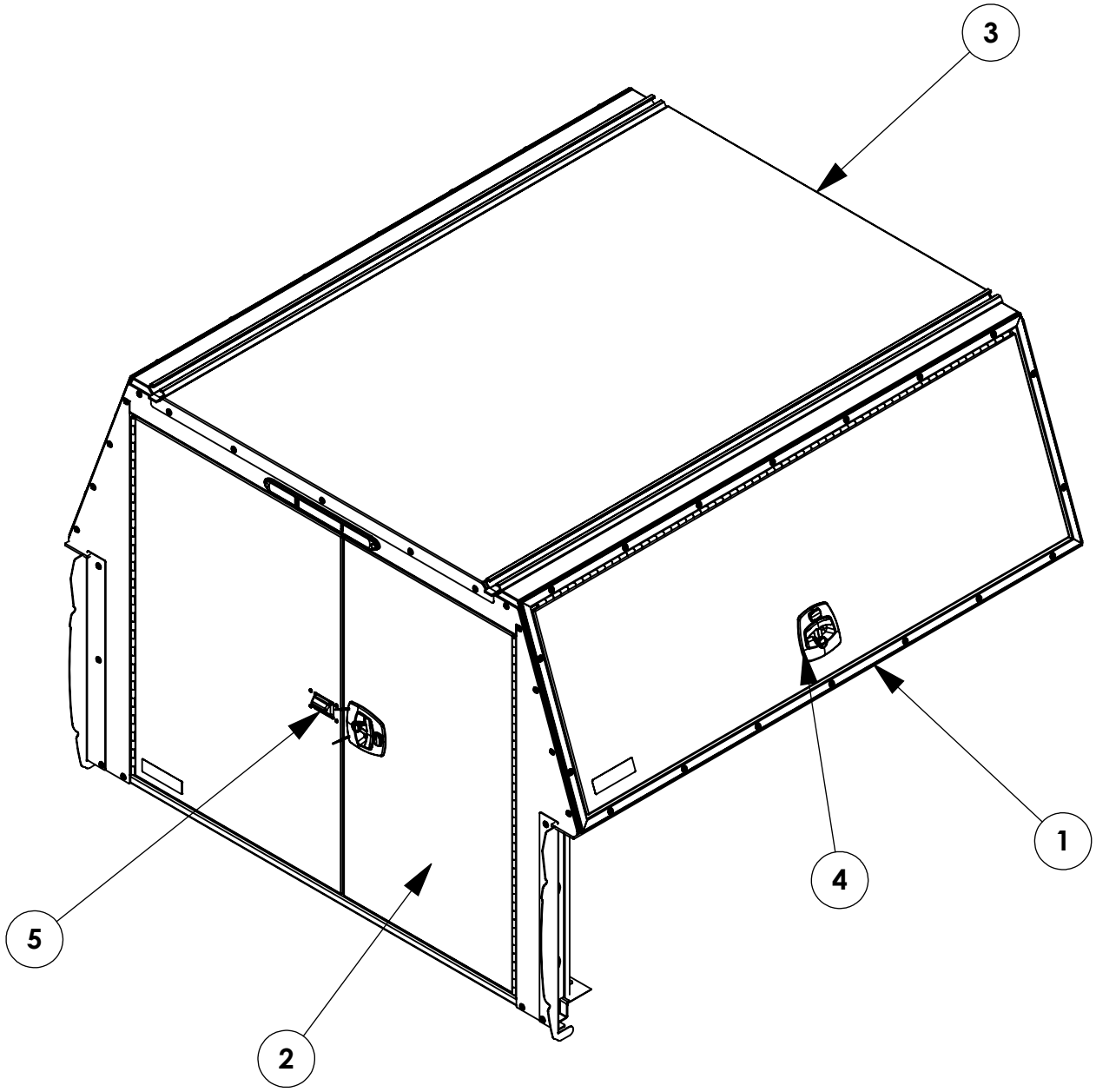
INSTR. NUMBER : 77454	PG: 3	REV: F
PART NUMBER : TFKFDT166KM23W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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**



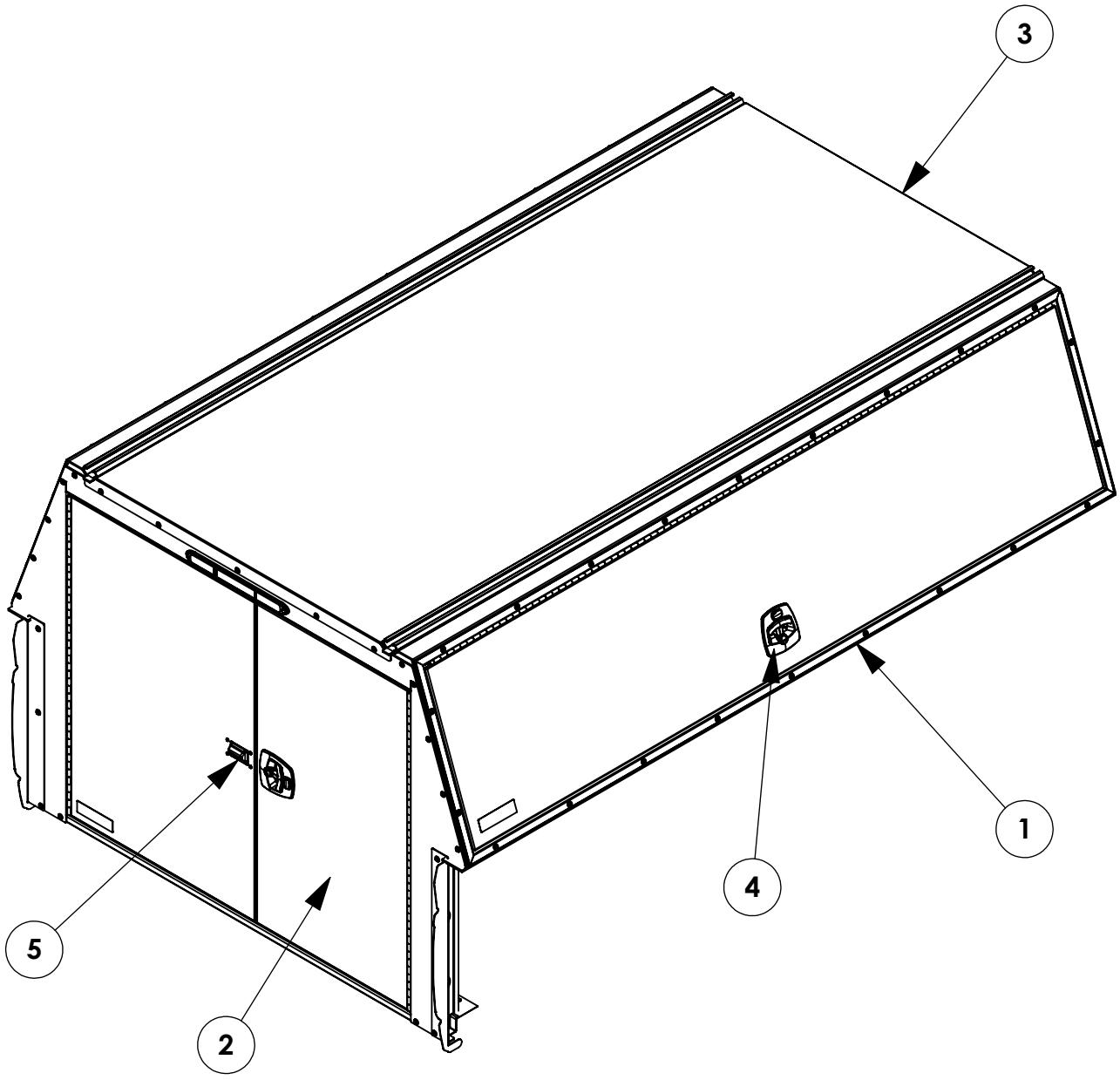
INSTR. NUMBER : 77454	PG: 4	REV: F
PART NUMBER : TFKFDT196KM23W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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: F
PART NUMBER • TFKFDT280JM26W • TFKFDT280KM26W		
PART DESC. • ASM INS, TFK_____KM23W / JM23W & 26W		

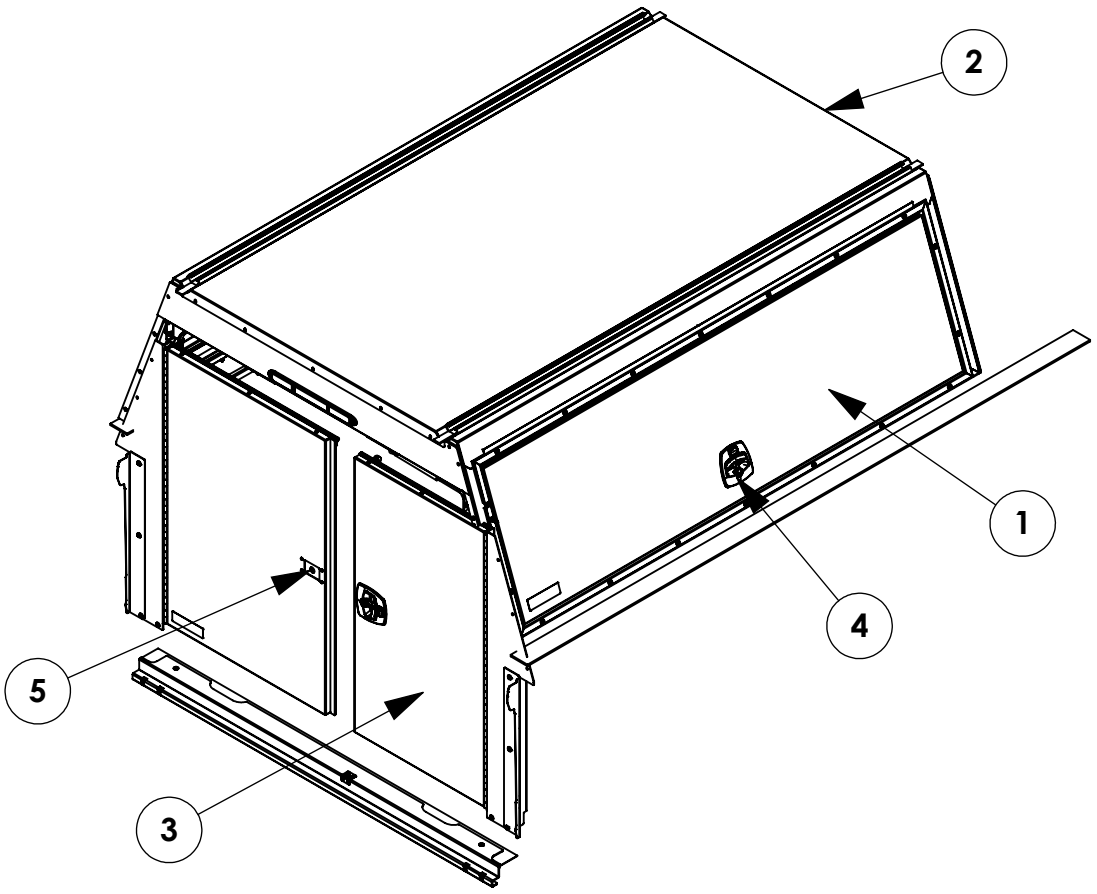
E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT280JM26W
BECOMES TFKFDT280JE26W

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. NUMBER : 77454	PG: 6	REV: F

PART NUMBER • TFKFDT296JM26W
PART NUMBER • TFKFDT296KM26W

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

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

BOM FOR 8' FORD F-250

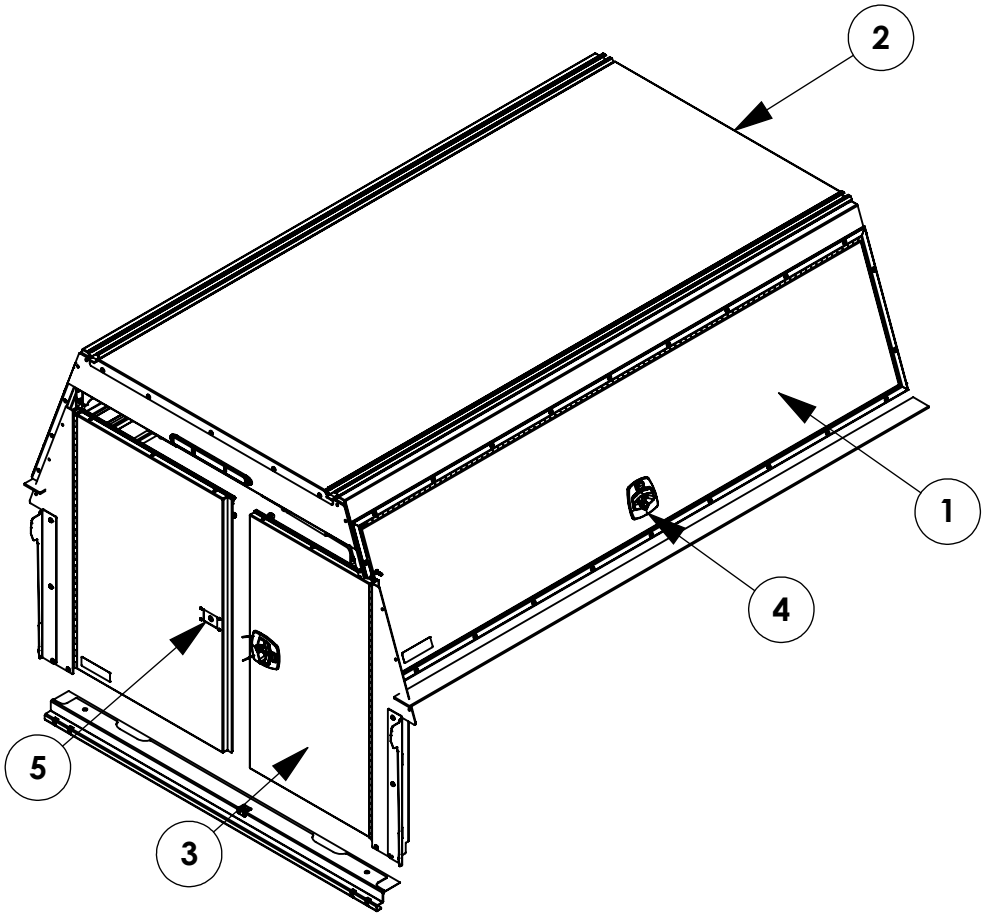
TFKFDT296JM26W

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**



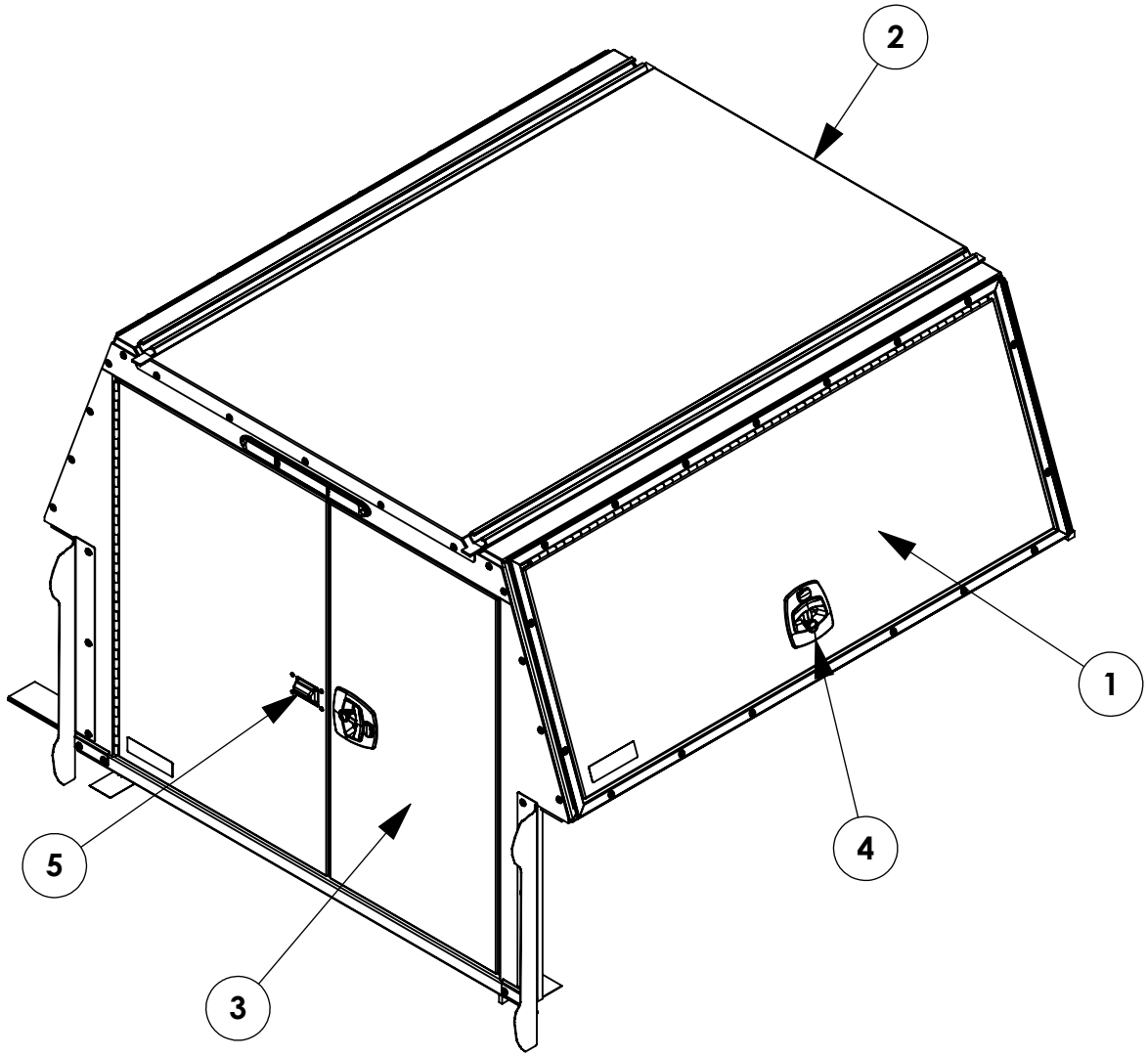
INSTR. NUMBER : 77454	PG: 7	REV: F
PART NUMBER : TFKCOL160KM23W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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**



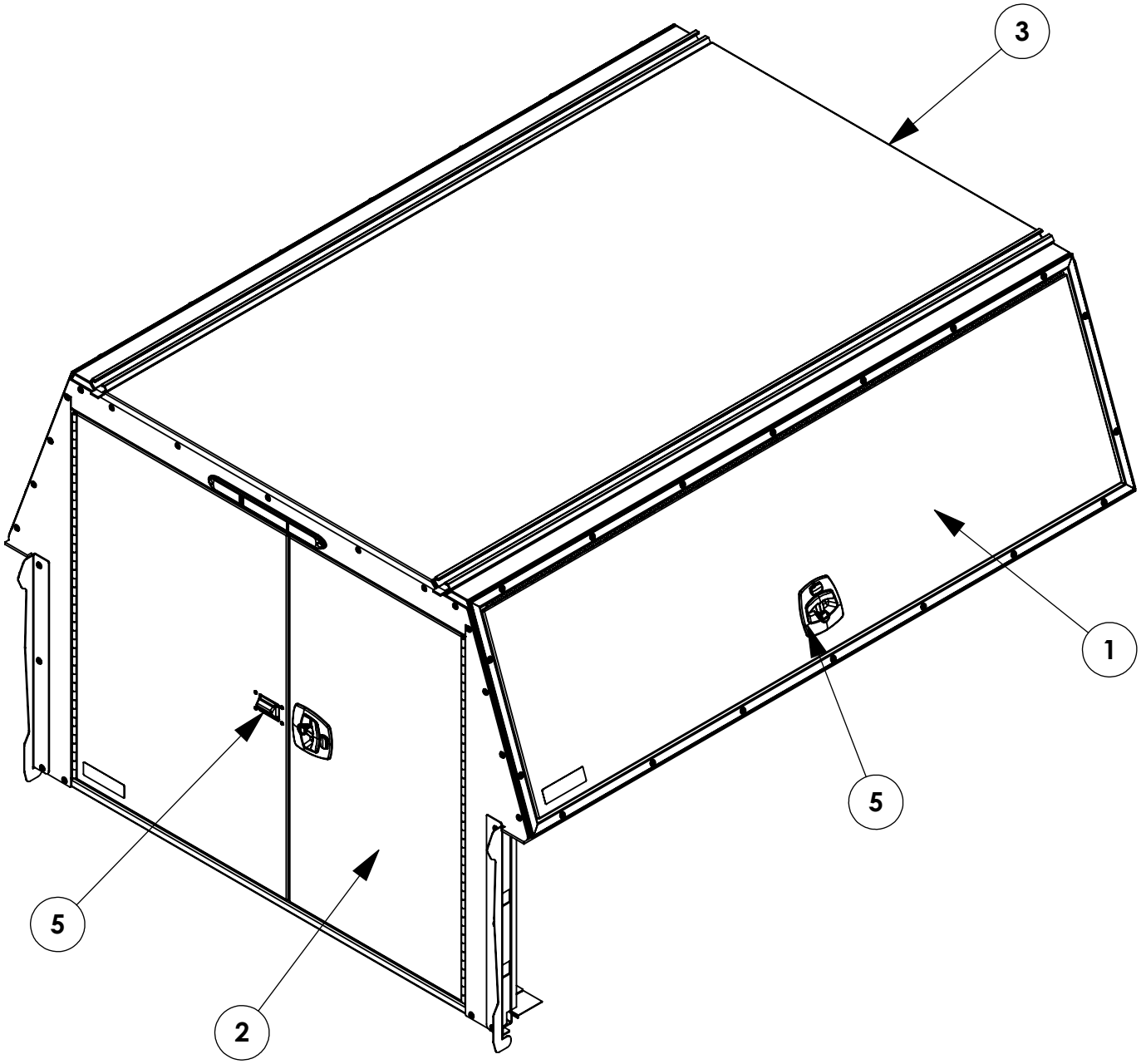
INSTR. NUMBER : 77454	PG: 8	REV: F
PART NUMBER : TFKGMT178KM23W		
PART • ASM INS, TFK_____KM23W / DESC. • JM23W & 26W		

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**



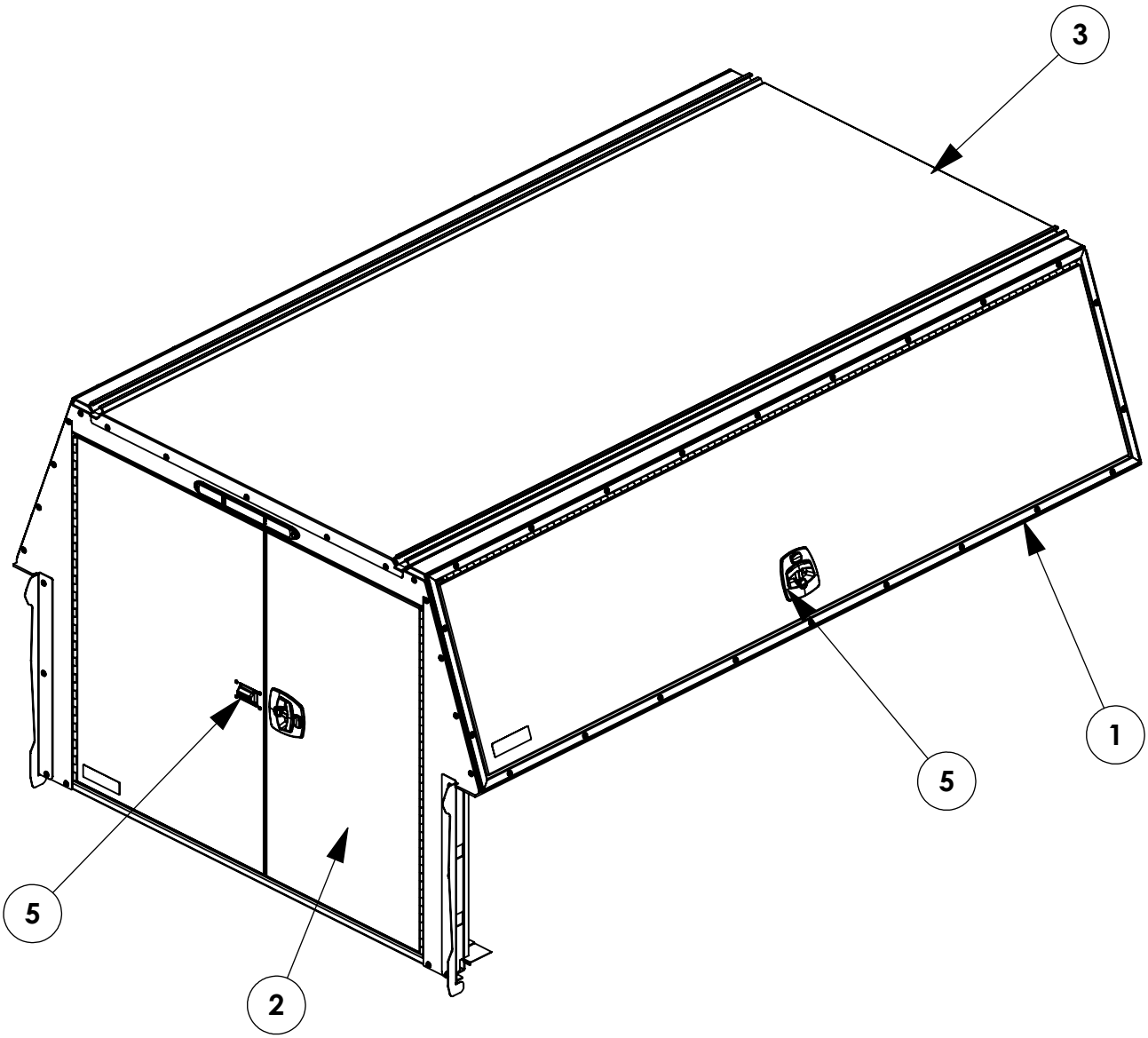
INSTR. NUMBER : 77454	PG: 9	REV: F
PART NUMBER : TFKGMT196KM23W		
PART • ASM INS, TFK_____KM23W / DESC. • JM23W & 26W		

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**



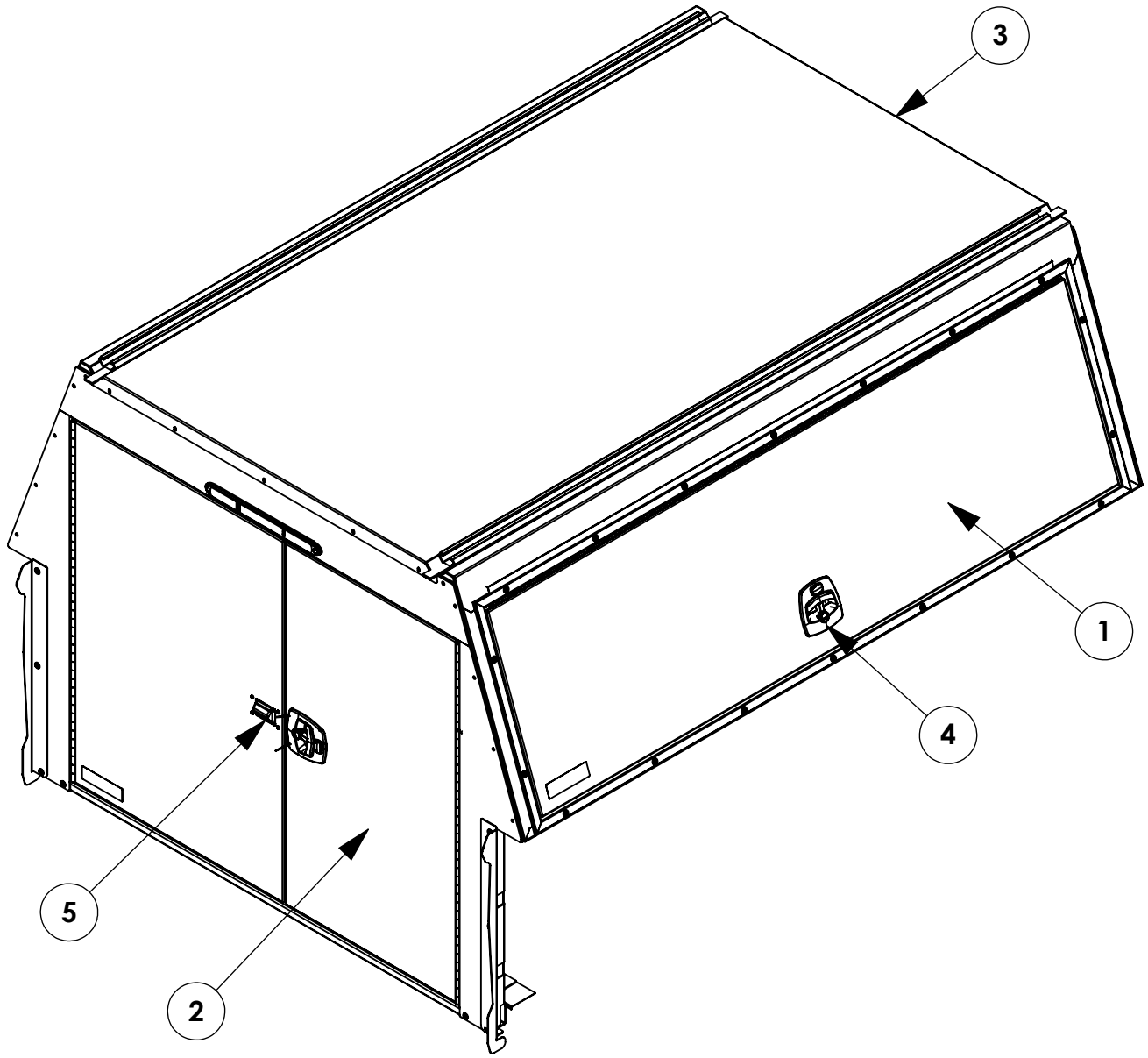
INSTR. NUMBER : 77454	PG: 10	REV: F
PART NUMBER : TFKGMT280KM26W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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**



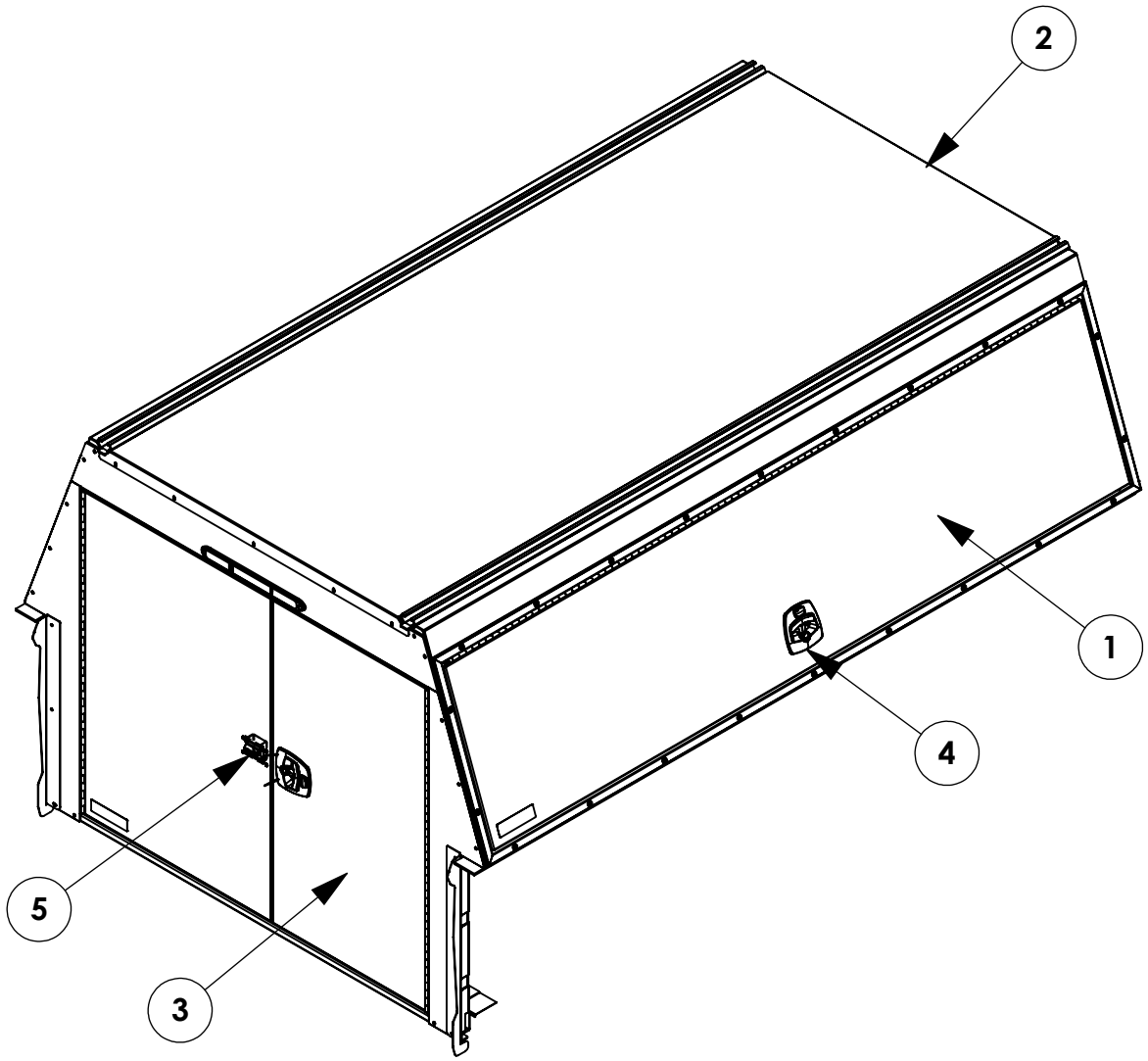
INSTR. NUMBER : 77454	PG: 11	REV: F
PART NUMBER : TFKGMT296KM23W		
PART DESC. : ASM INS, TFK_____KM23W / JM23W & 26W		

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**



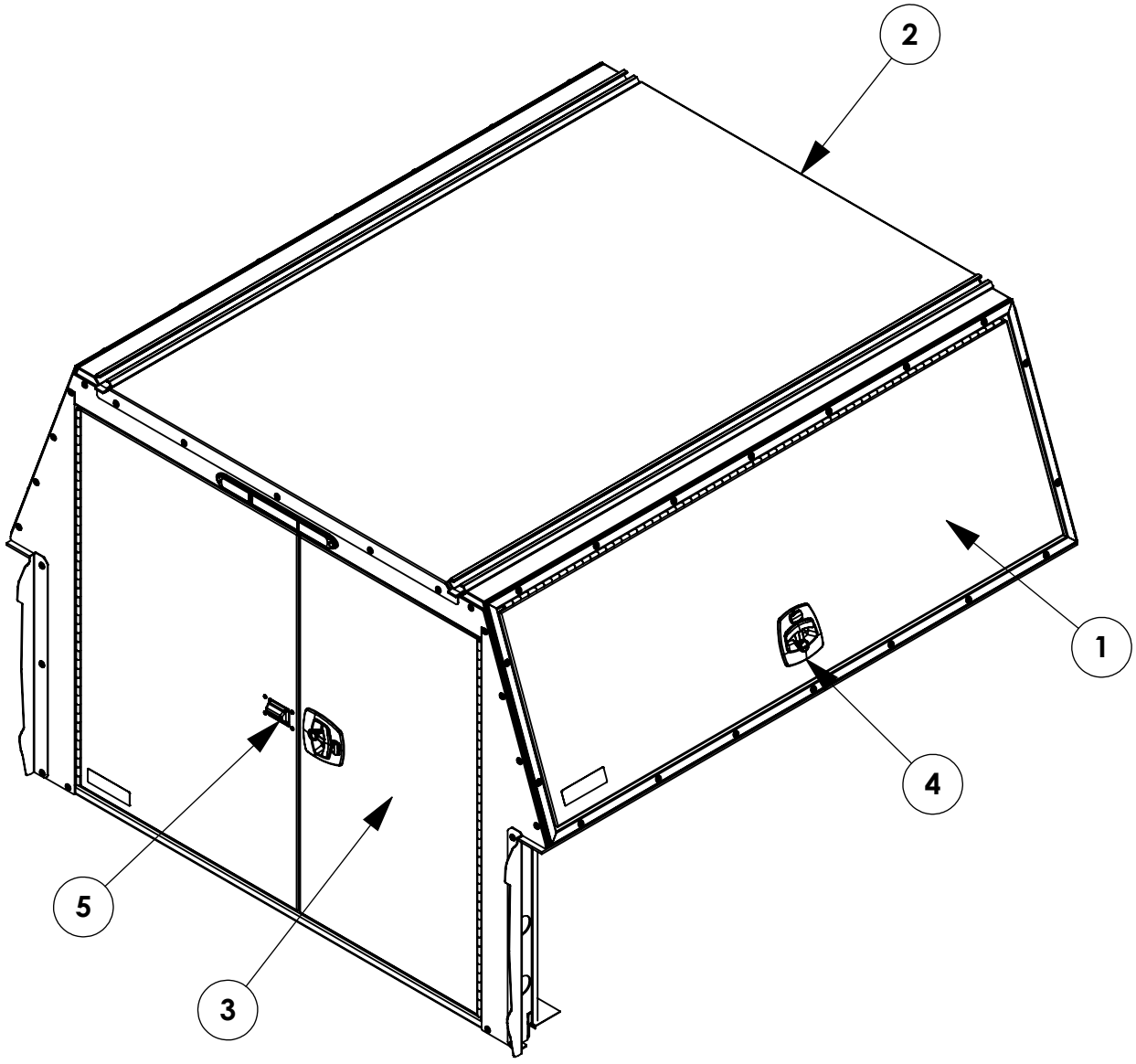
INSTR. NUMBER : 77454	PG: 12	REV: F
PART NUMBER : TFKRAM167KM23W		
PART DESC. • ASM INS, TFK_____KM23W / • JM23W & 26W		

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**



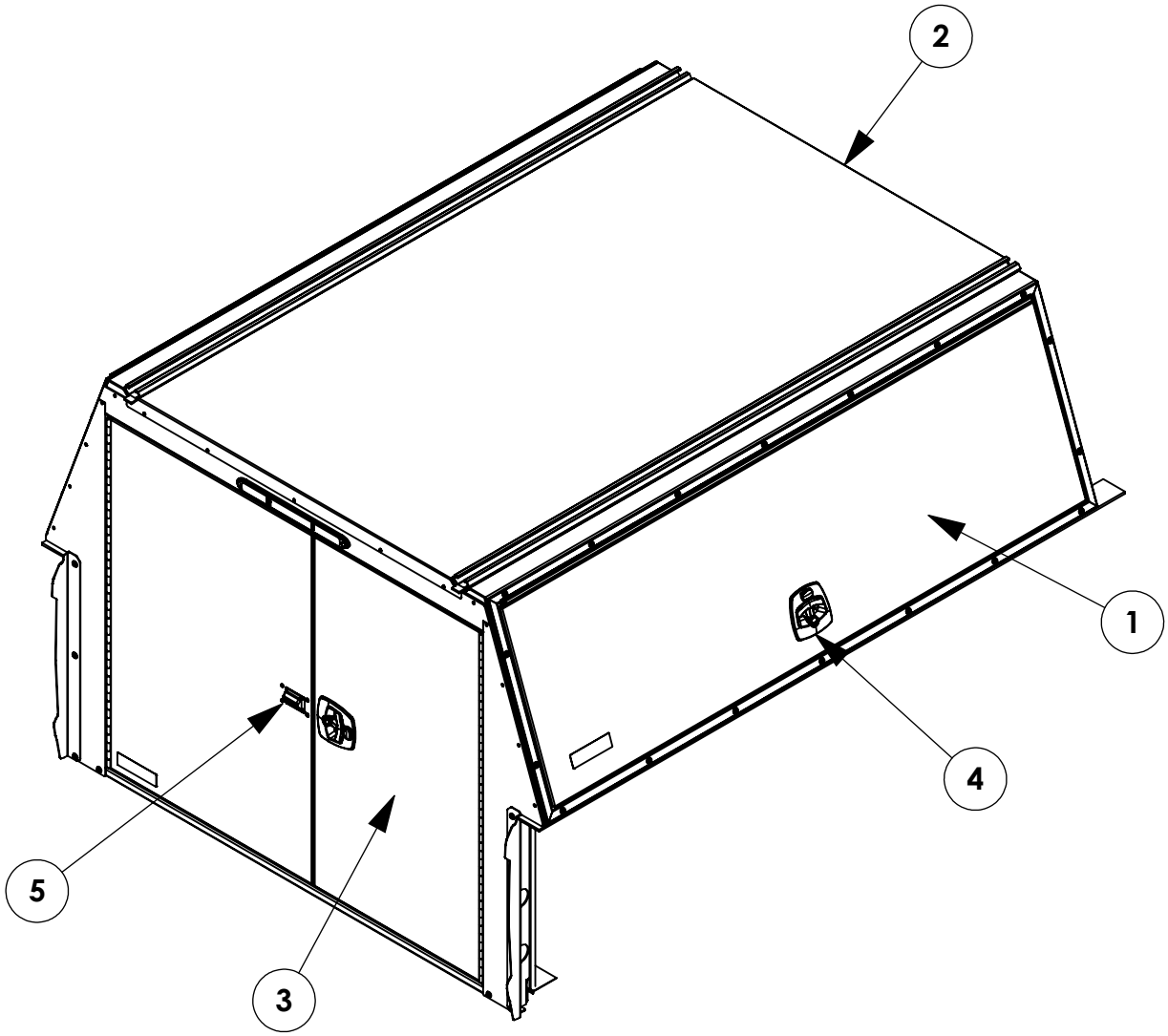
INSTR. NUMBER : 77454	PG: 13	REV: F
PART NUMBER : TFKRAM175KM23W		
PART • ASM INS, TFK_____KM23W / DESC. • JM23W & 26W		

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**

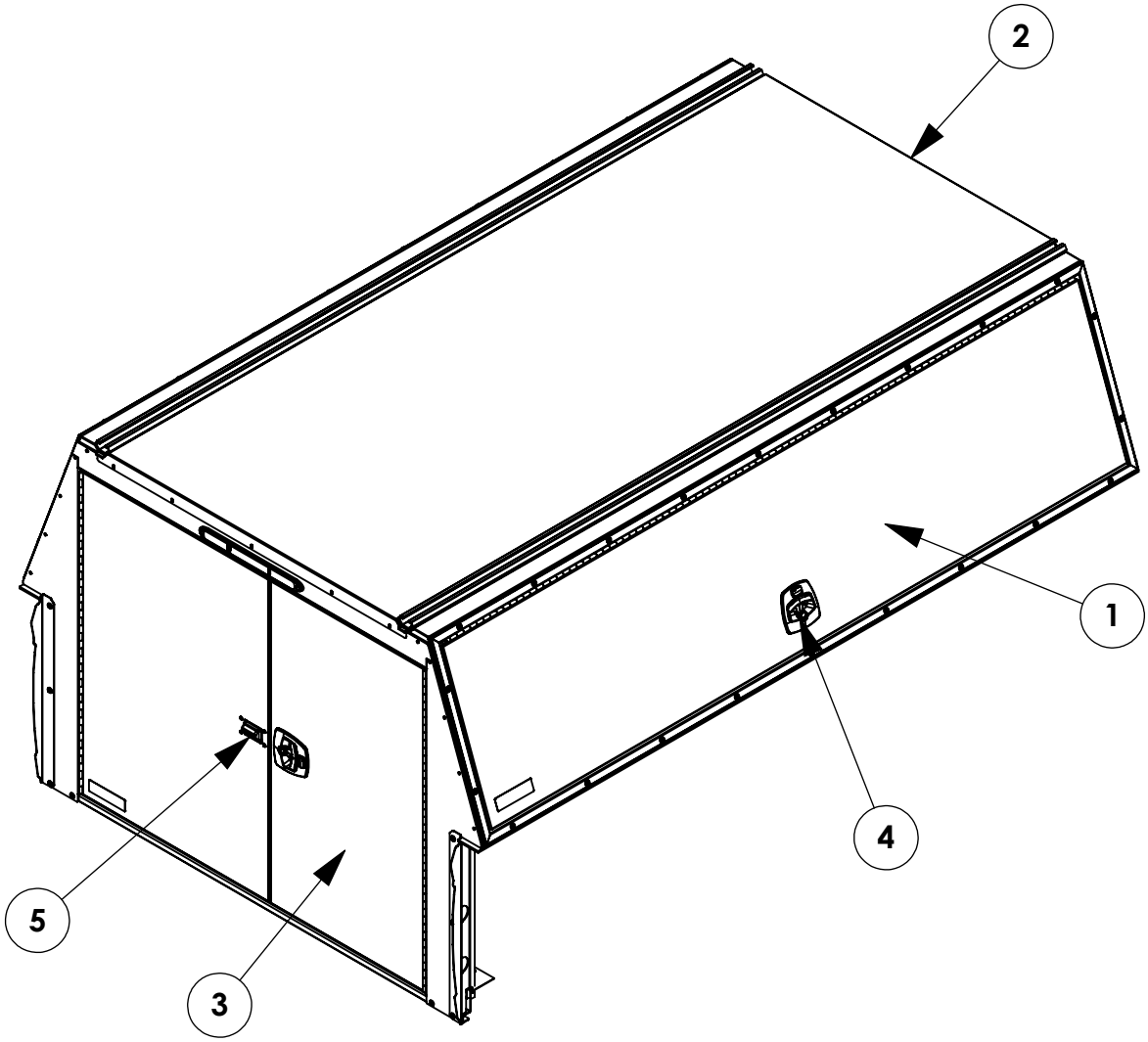


INSTR. NUMBER : 77454	PG: 14	REV: F
PART NUMBER : TFKRAM196KM23W		
PART DESC. : ASM INS, TFK_____KM23W / JM23W & 26W		

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKRAM196KM23W
BECOMES TFKRAM196KE23W

BOM FOR 96" RAM 1500			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TRK9623W	TOP, ROOF KIT,96",23,W	1
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**



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.

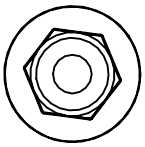
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

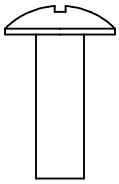
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

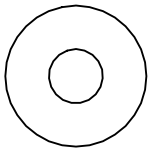
BAG REFERENCE: **ALL**



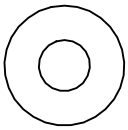
FAS0055
1/4-20 ZP
HFLNG NLK NUT
QTY: 29



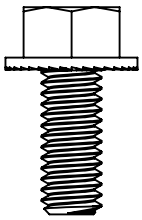
FAS0062
1/4-20 X 0.75 ZP
THP SCREW
QTY: 9



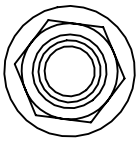
FAS0067
1/4 ZP
FLAT WASHER
QTY: 9



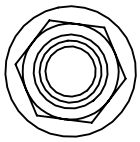
FAS0234
1/4 SST
FLAT WASHER
QTY: 44



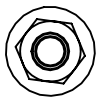
FAS0438
5/16-18 X .75 ZP
HFNLG SCREW
QTY: 20



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



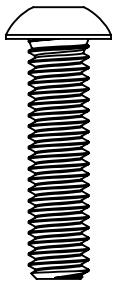
FAS0861
5/16-18 SST
HFLNG NLK NUT
QTY: 4



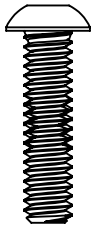
FAS0917
M5 X .8 ZP
HFLNG NLK NUT
QTY: 8



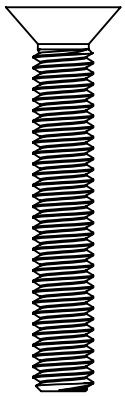
FAS0918
10-24 ZP
HFLNG NLK NUT
QTY: 4



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



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



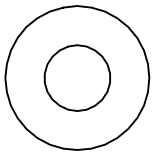
FAS1279
5/16-18 X 2.0 SST
FHT SCREW
QTY: 2

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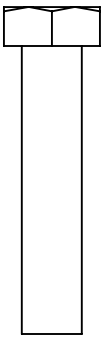
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

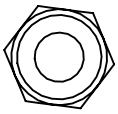
BAG REFERENCE: **ALL**



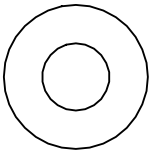
FAS0164
5/16 ALUM
FLAT WASHER
QTY: 8



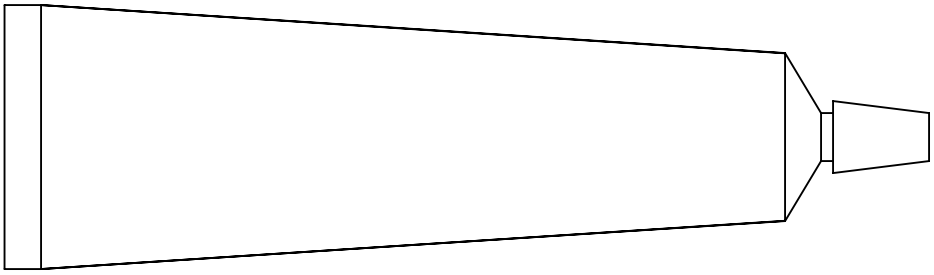
FAS0242
5/16-18 X 1.5 SST
HH SCREW
QTY: 8



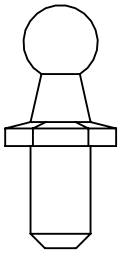
FAS0248
5/16-18 SST
HH NLK NUT
QTY: 8



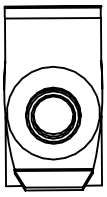
FAS0552
5/16 SST
FLAT WASHER
QTY: 20



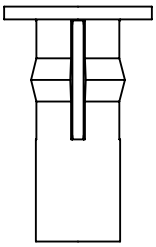
26618-0
1 OZ TUBE
SILICONE
QTY: 2



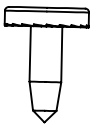
30015-0
THREADED BALL STUD
QTY: 4



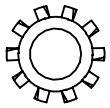
FAS0711
1/4-20 BK PH
SPRING CLIP
QTY: 4



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



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



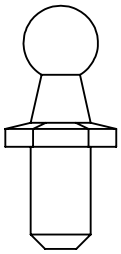
FAS0066
1/4
EXT TOOTH
LOCK WASHER
QTY: 1

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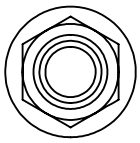
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

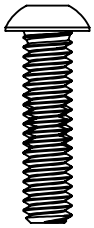
BAG REFERENCE: **BAG77939**



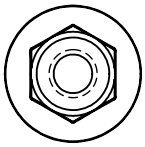
30015-0
THREADED BALL STUD
QTY: 4



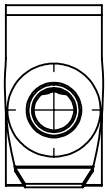
FAS0861
NUT, HEX NLK FLG,
5/16-18, SS
QTY: 4



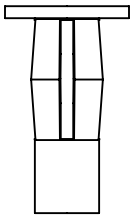
FAS0920
SCREW, BHCS,
1/4-20X1.0, SS
QTY: 6



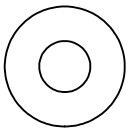
FAS0055
NUT, HEX NLK FLG,
1/4-20, ZP
QTY: 12



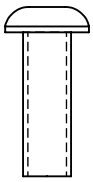
FAS0711
SPRING, CLIP,
1/4-20, BK PH
QTY: 4



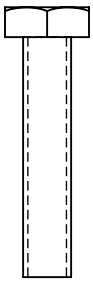
FAS0052
PLUSNUT,
1/4-20, PB DC
QTY: 2



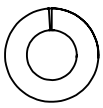
FAS0234
WASHER, FLAT,
1/4, SST
QTY: 18



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



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



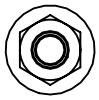
FAS0672
WASHER, LOCK, SPLIT
1/4, SST
QTY: 6

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

FASTENERS USED

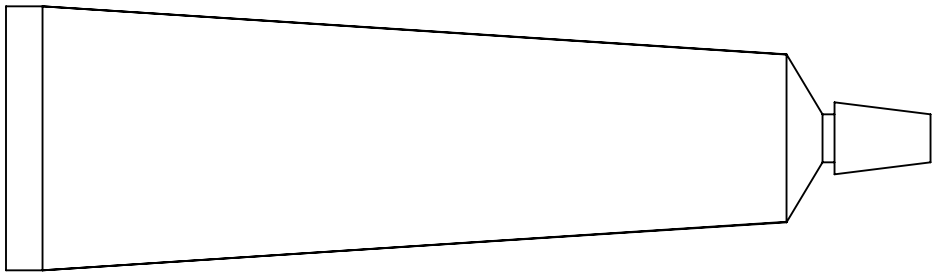
BAG REFERENCE: **BAG76637**



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

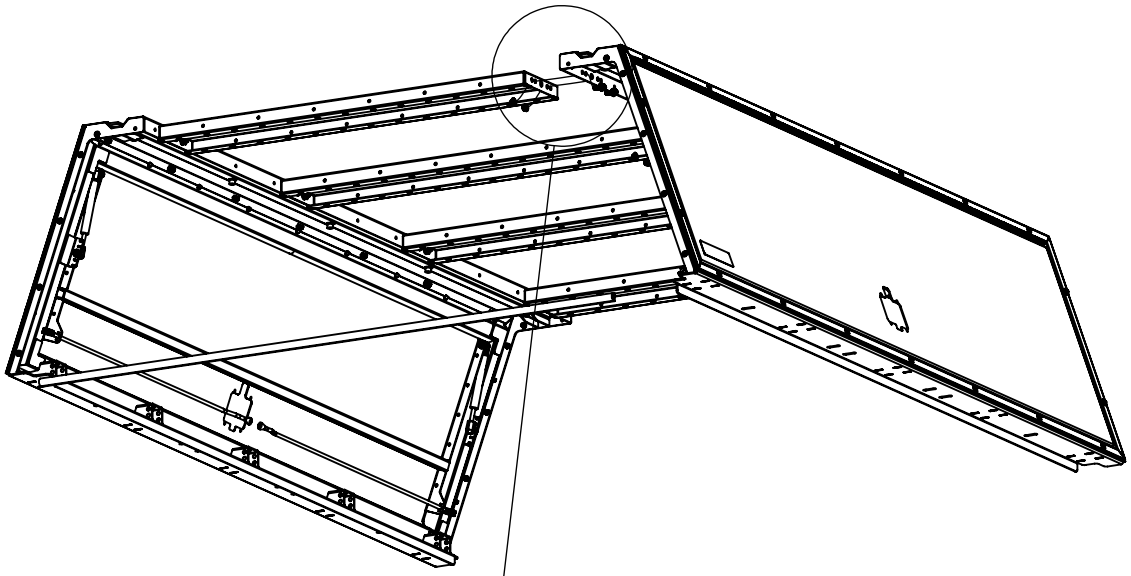
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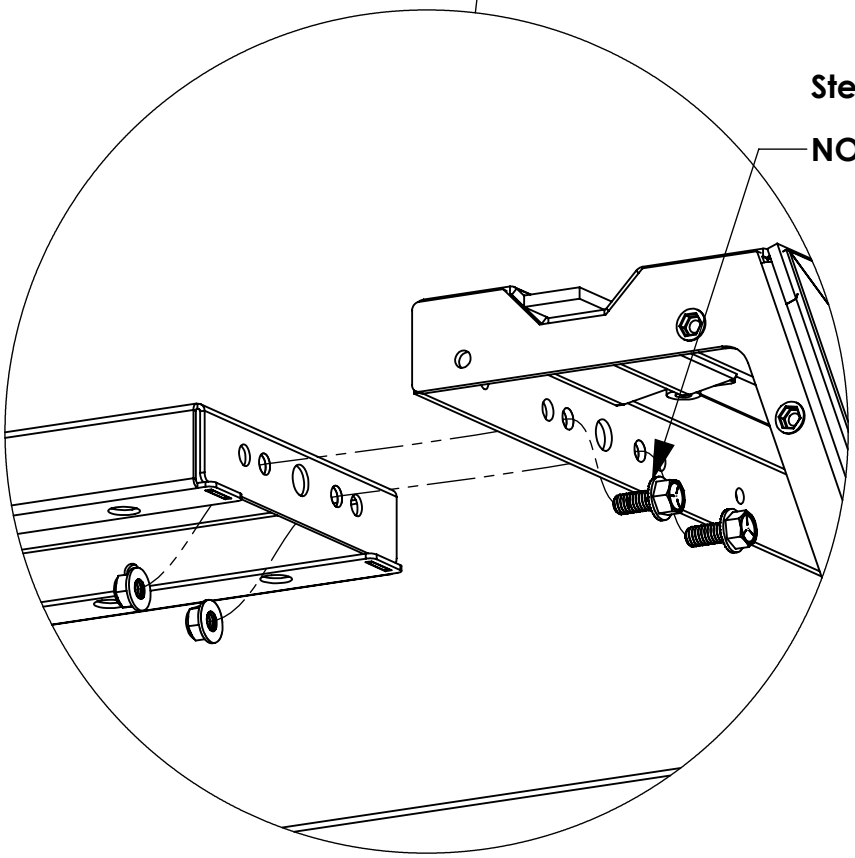
STEP 1 - ASSEMBLE BODY FRAME: SIDES AND CROSSBOWS

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

Step 1.2
OPEN TOPPER ROOF KIT [TRK7823W]

Step 1.3
<u>FULLY TIGHTEN</u> 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

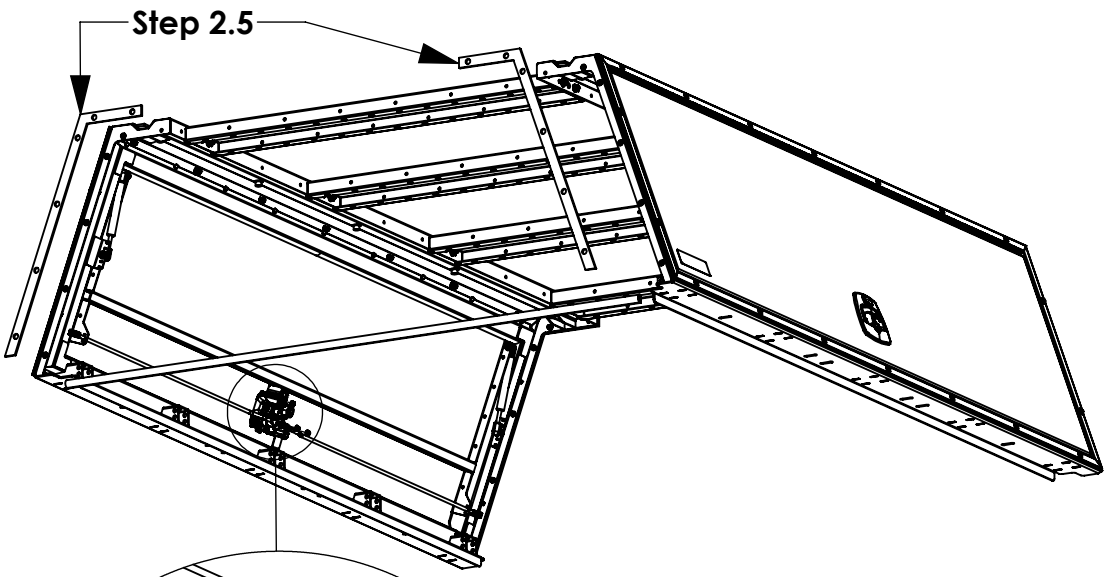
DO NOT OVERTIGHTEN

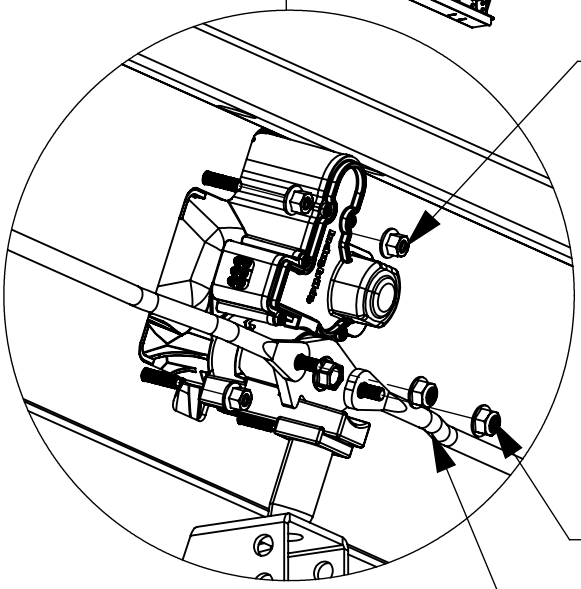
Step 2.4
ADJUST HANDLE POINT TO ALIGN WITH CASTING LINE ON HANDLE BODY (APPROX: 1.0")

FULLY TIGHTEN
4mm ALLEN
(2 PLACES)

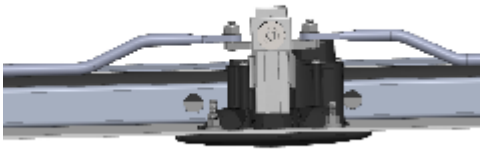
Step 2.5
APPLY FOAM SEALS TO ALL CORNERS

USE HOLES IN SEAL TO ALIGN MATERIAL

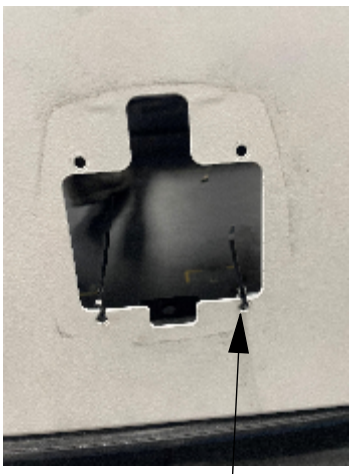


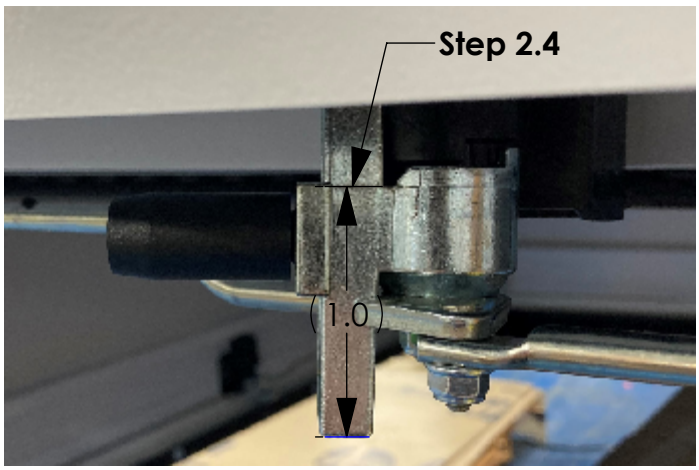


STOP STEP 2.2 & 2.3 HAVE DIFFERENT SIZED FASTENERS



NOTE THAT ORIENTATION OF LOCKRODS IS CRITICAL STOP





STEP 3 - ATTACH FRONT PANEL

Step 3.1
OPEN TOPPER CLOSURE KIT [TCK78HM23W]

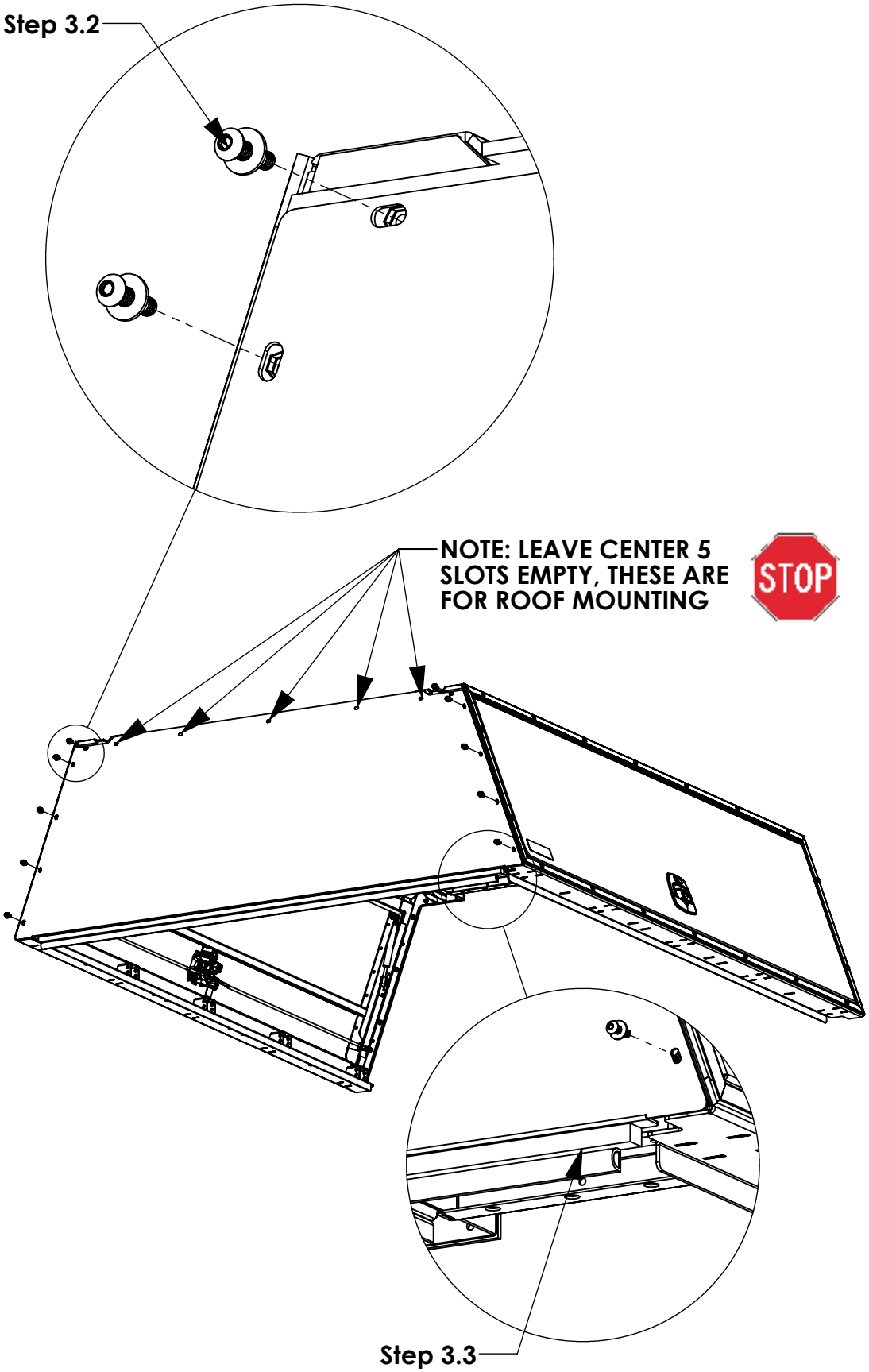
Step 3.2
ATTACH FRONT PANEL

<u>HAND TIGHTEN</u>
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.

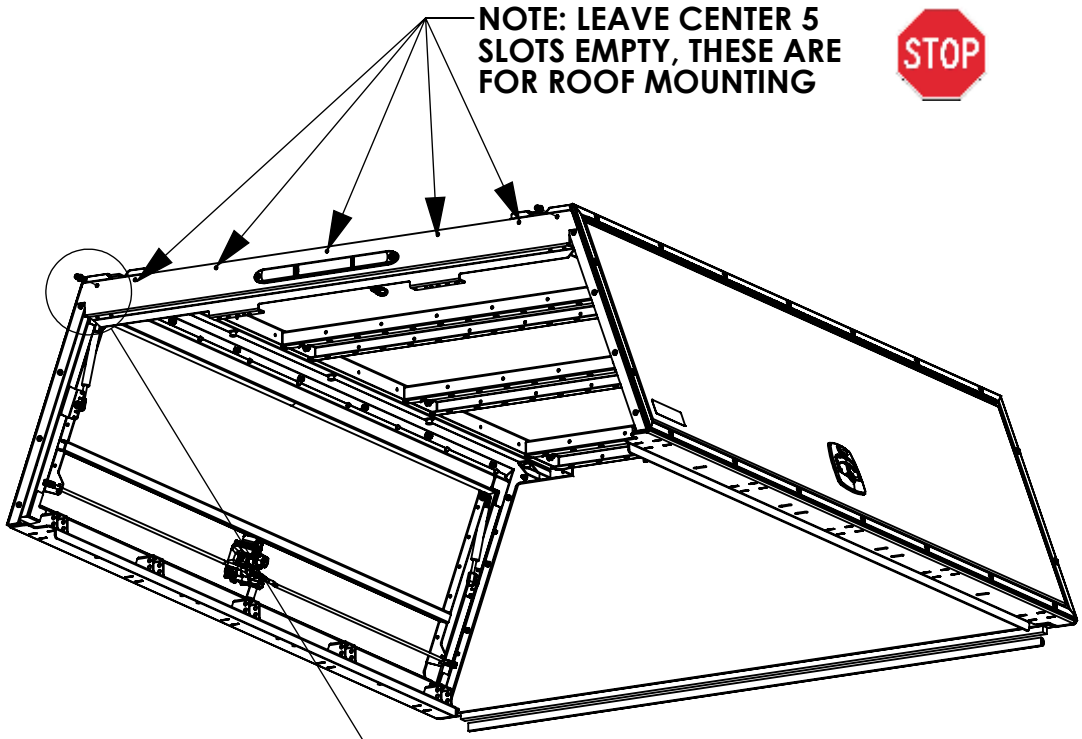
TRIM OFF EXTRA, IF NECESSARY.

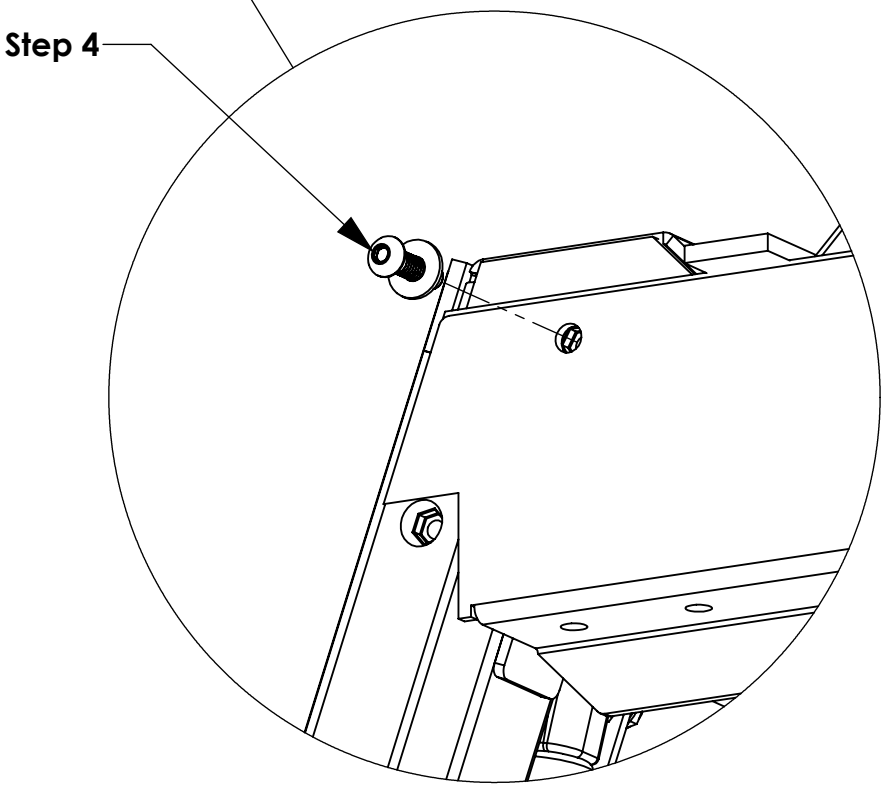


STEP 4 - ATTACH TOP BRACKET ASSEMBLY

Step 4
ATTACH TOP BRACKET ASSM

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

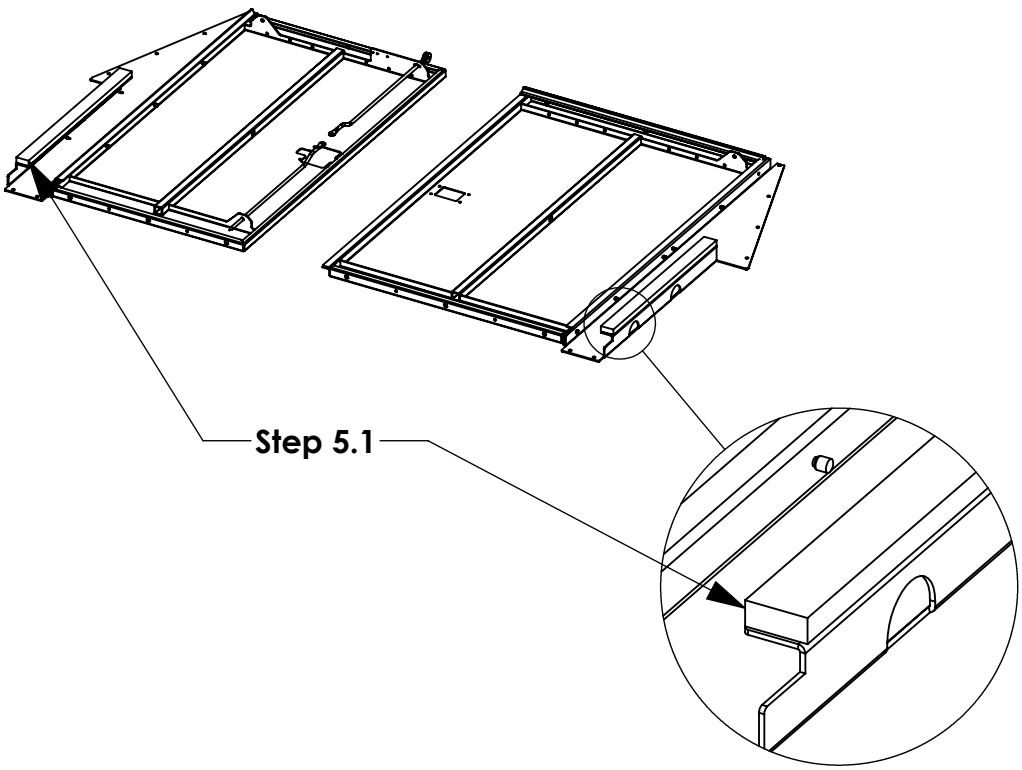




STEP 5 - ATTACH BARN DOOR DS AND PS ASSEMBLIES CONT'D

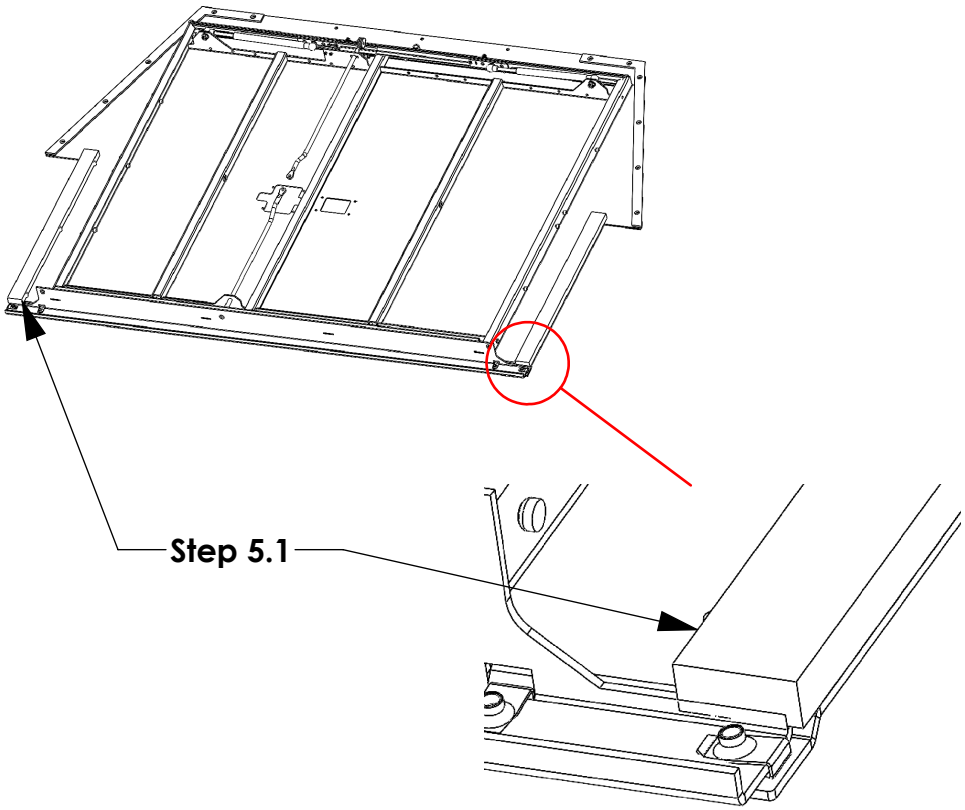
Step 5.1
ALIGN (2)77757 FOAM AT TOP OF FLANGE OF BARN DOOR DS AND PS ASSEMBLIES AND PRESS FIRMLY TO ATTACH

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



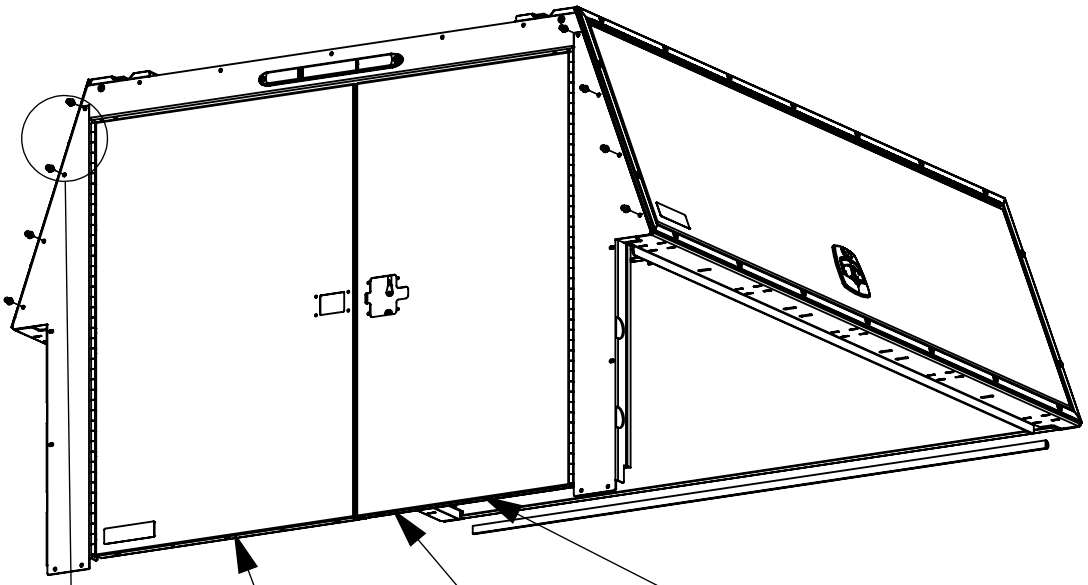
STEP 5 - ATTACH BARN DOOR DS AND PS ASSEMBLIES CONT'D

Step 5.2
ATTACH DS ASSM

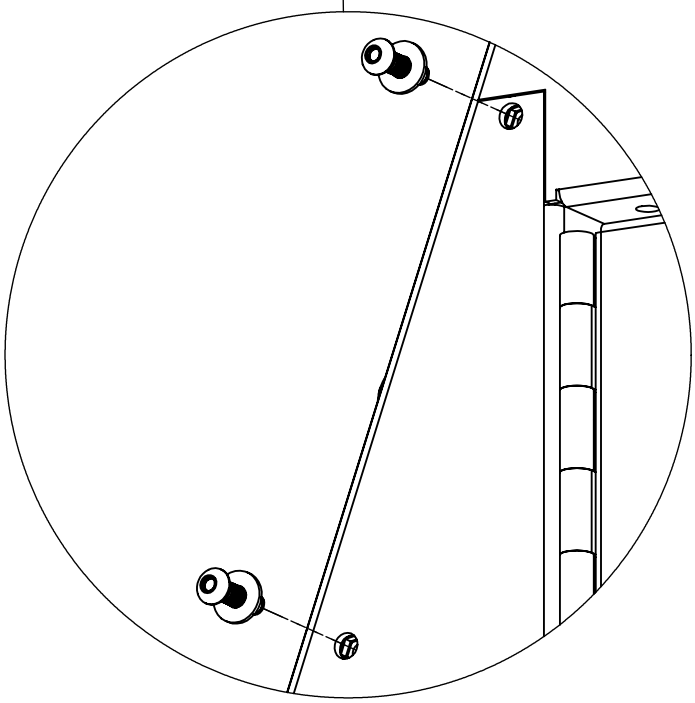
HAND TIGHTEN
FAS0234, FAS0920 (4 PLACES) 5/32" ALLEN

Step 5.3
ATTACH PS ASSM

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



NOTE:
BEFORE TIGHTENING MAKE SURE BOTH DOORS ARE SQUARE.



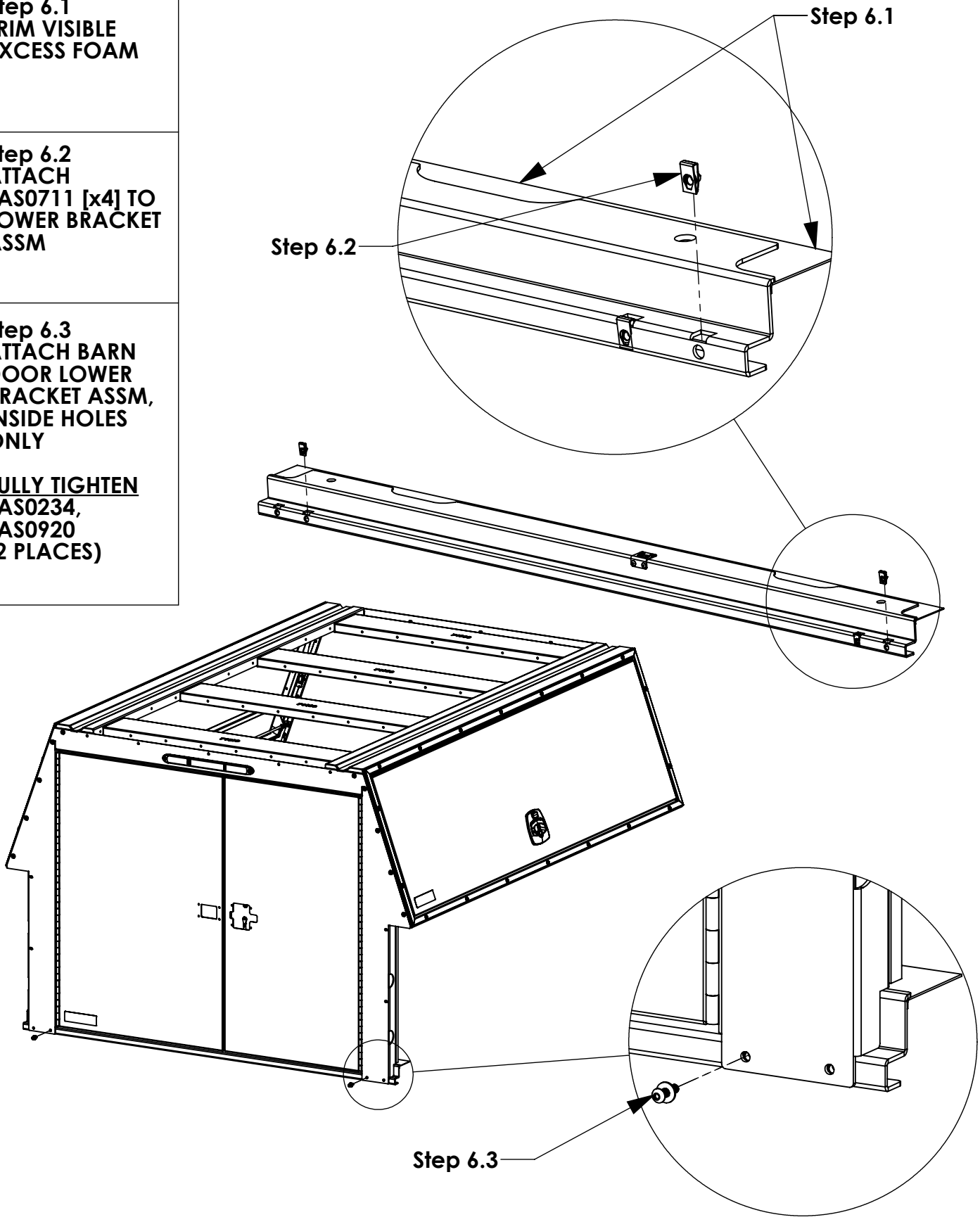
STEP 6 - ATTACH BARN DOOR LOWER BRACKET ASSEMBLY

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

<u>FULLY TIGHTEN</u>
FAS0234, FAS0920 (2 PLACES)



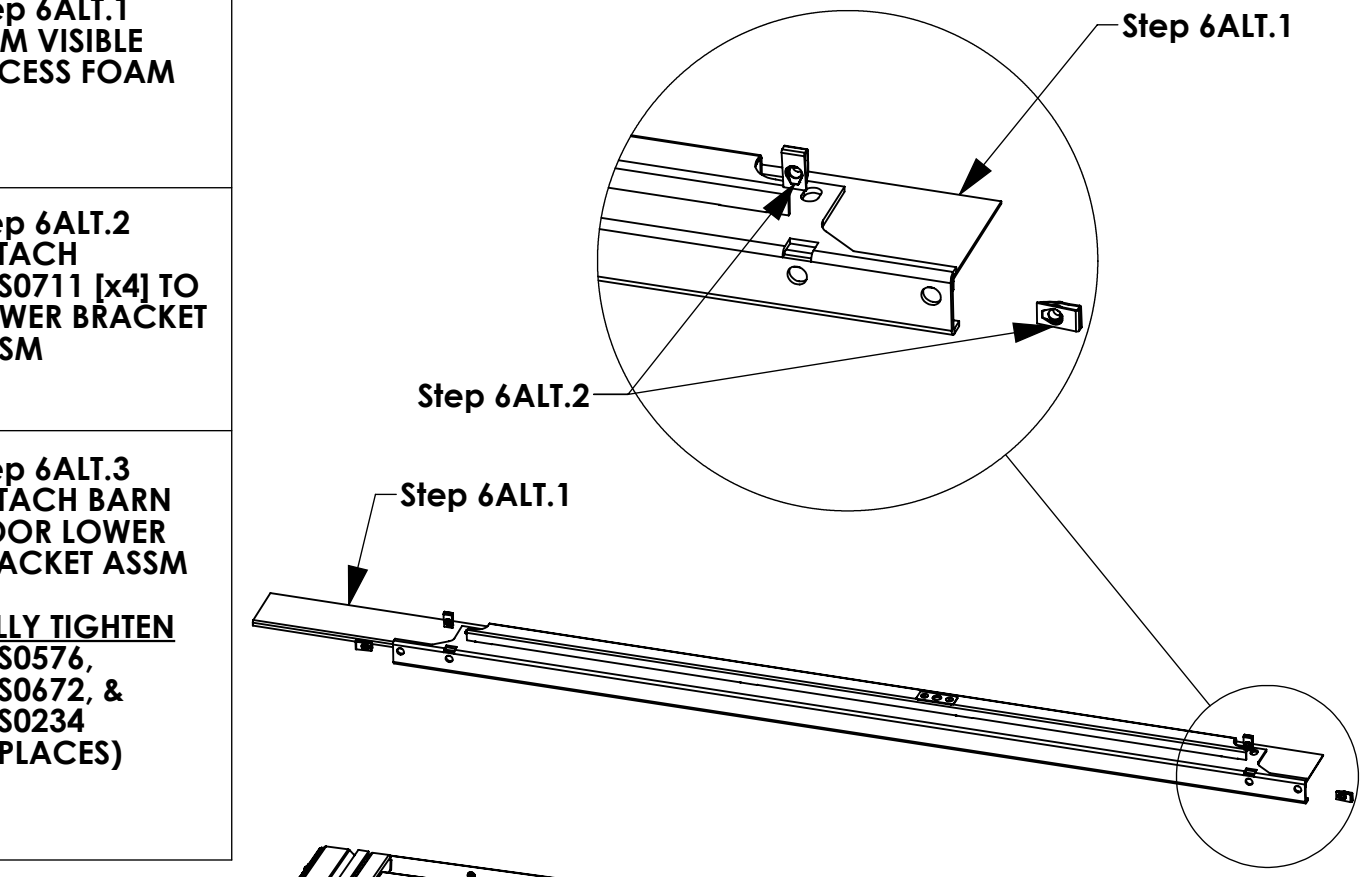
STEP 6ALT - ATTACH BARN DOOR LOWER BRACKET ASSEMBLY (ALTERNATE FOR COLORADO)

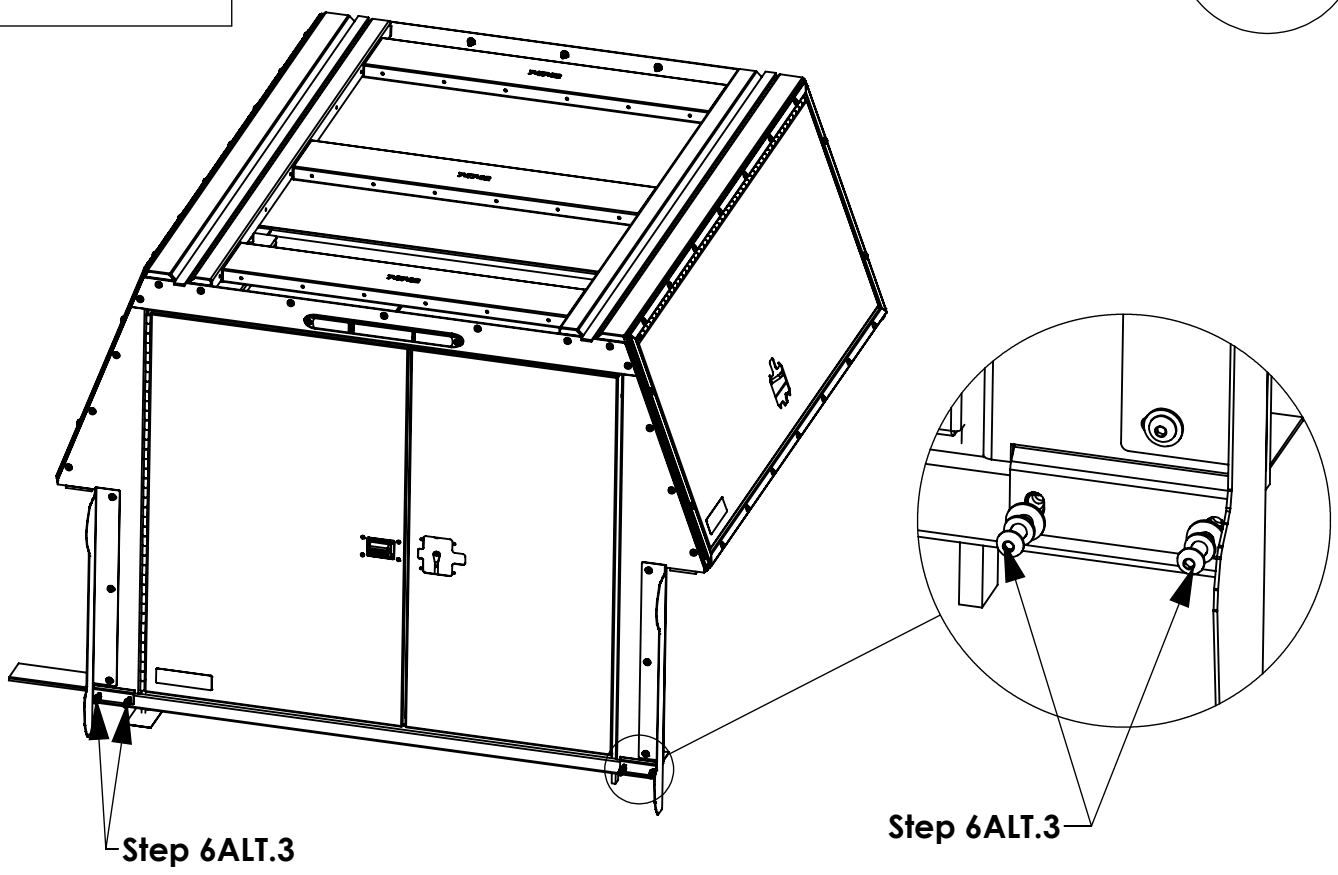
Step 6ALT.1
TRIM VISIBLE EXCESS FOAM

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

Step 6ALT.3
ATTACH BARN DOOR LOWER BRACKET ASSM

<u>FULLY TIGHTEN</u>
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

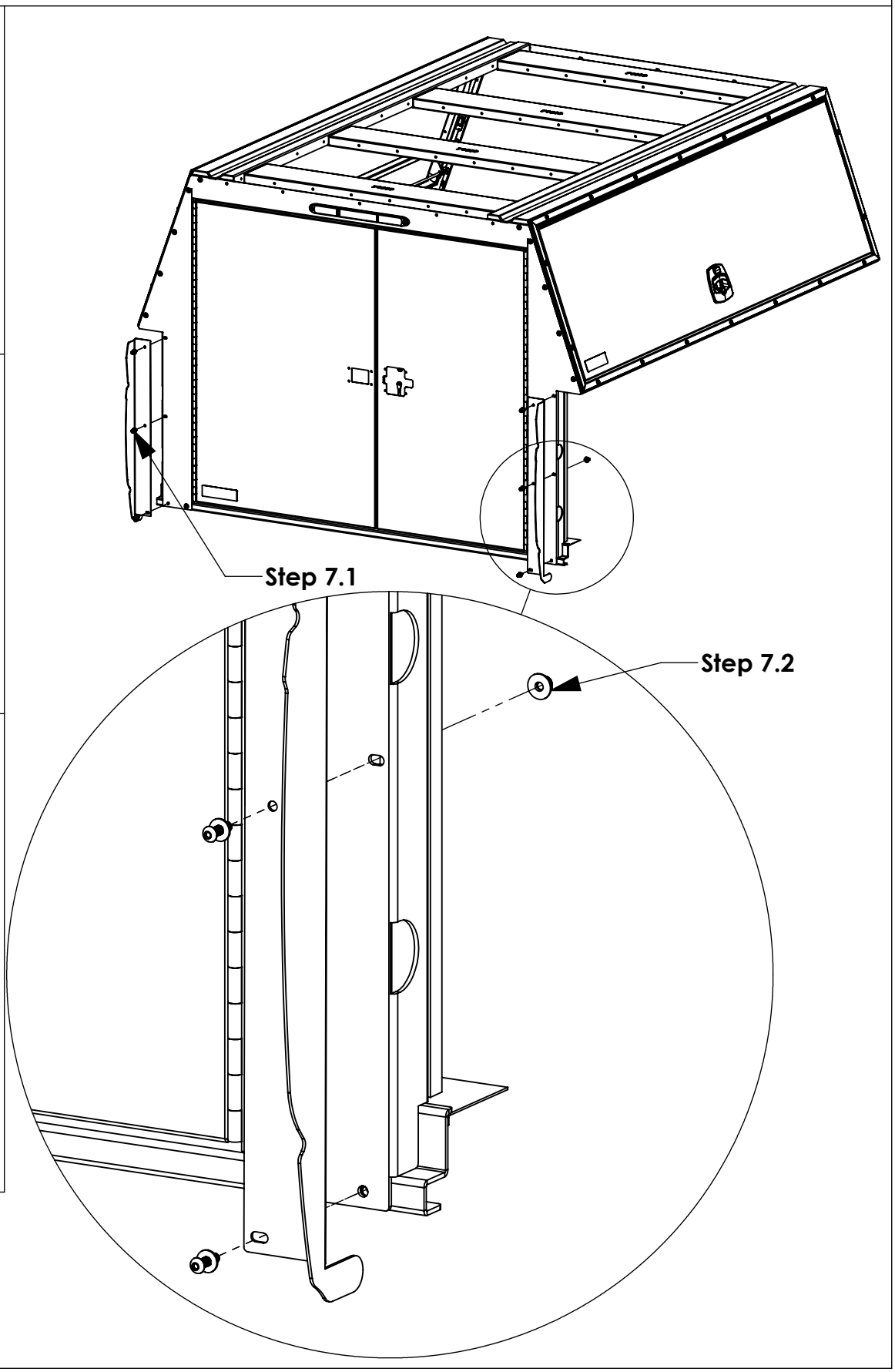
Step 7.2
ATTACH PS BED FILLER

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 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

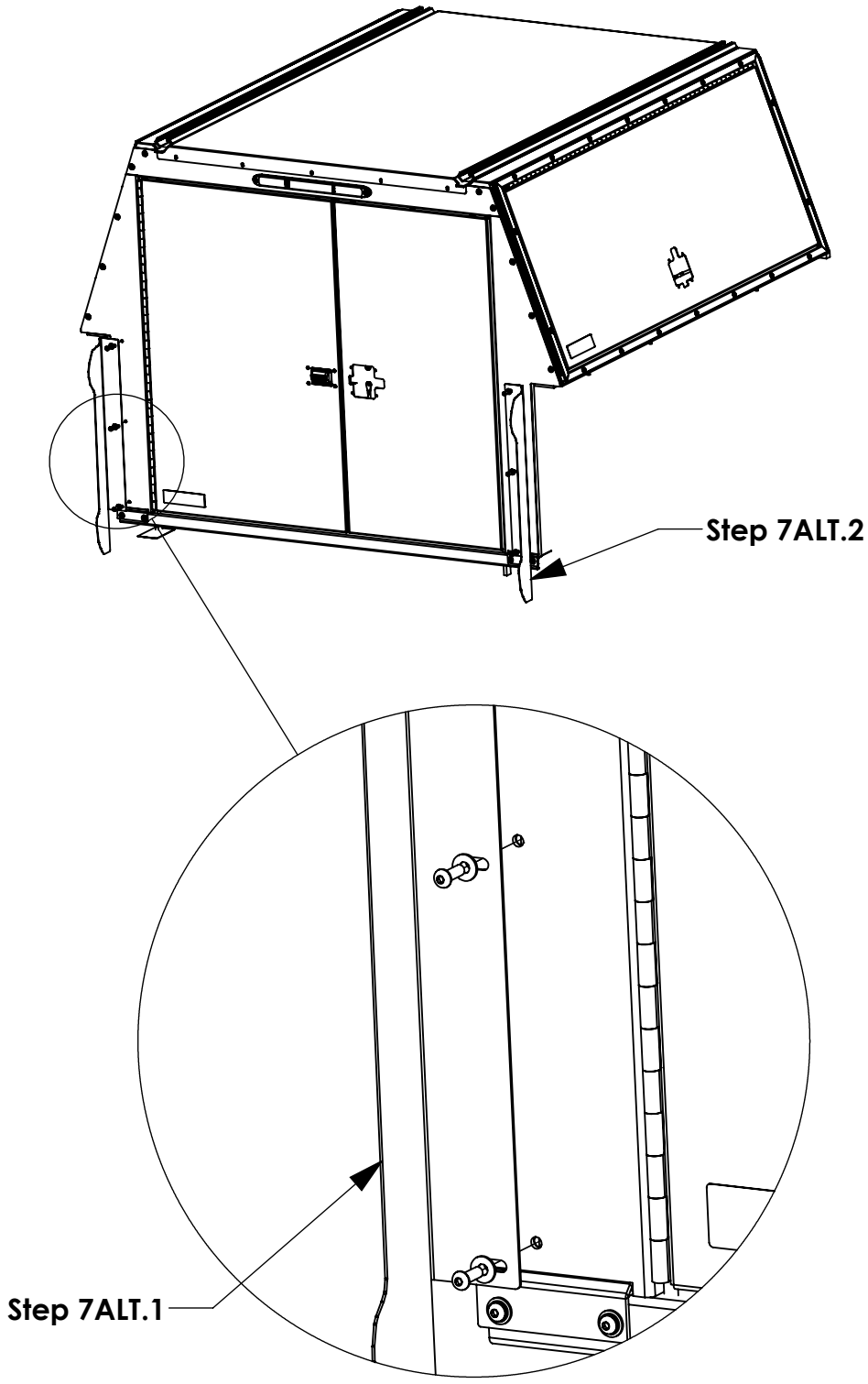
Step 7ALT.2
ATTACH PS BED FILLER

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

<u>FULLY TIGHTEN</u>
FAS0917
(4 PER DOOR)
10mm SOCKET

DO NOT OVERTIGHTEN

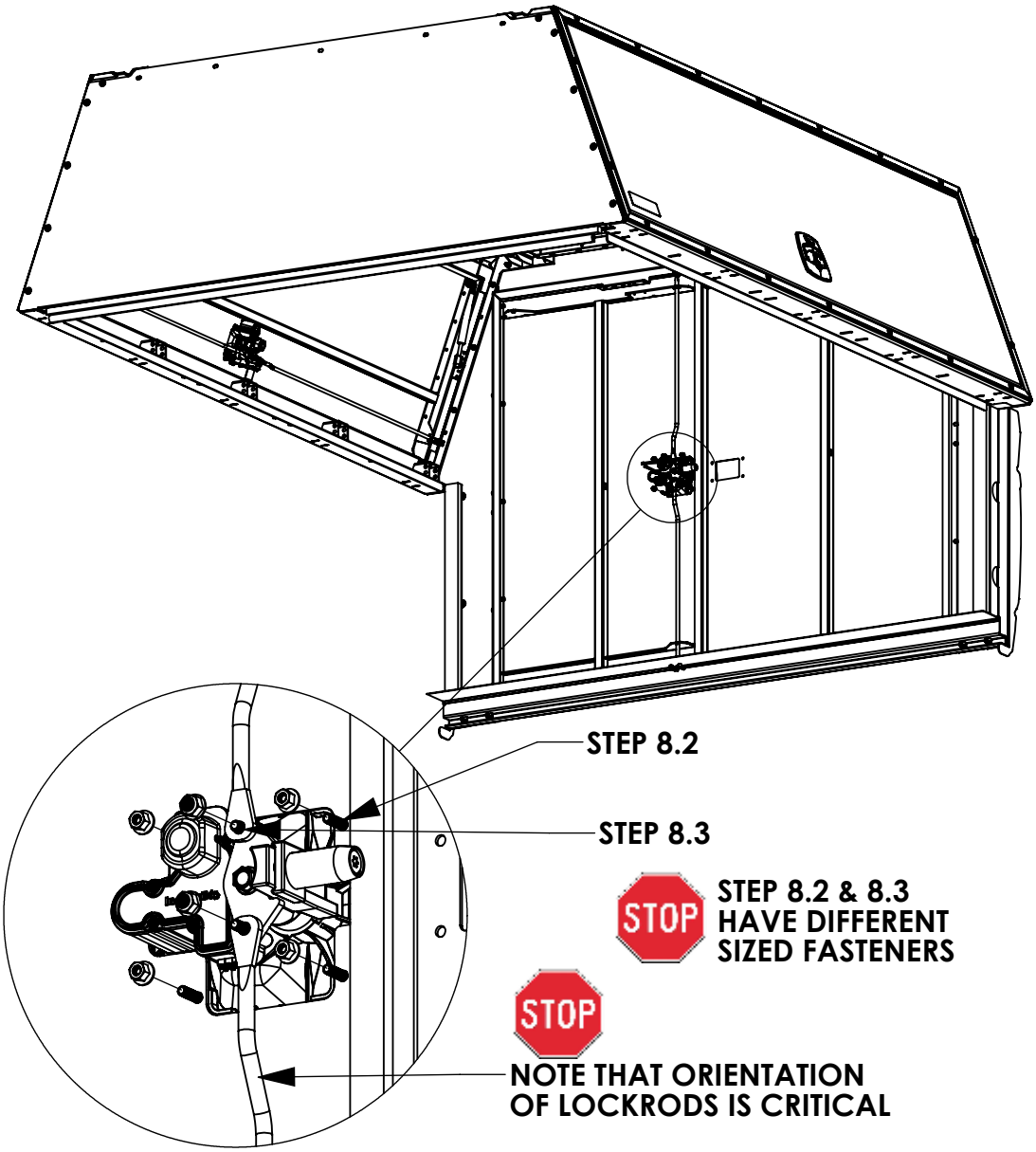
Step 8.3
ATTACH LOCKRODS TO HANDLE

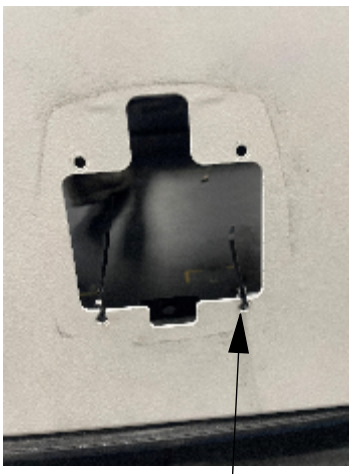
<u>FULLY TIGHTEN</u>
FAS0918
(2 PLACES)
8mm SOCKET

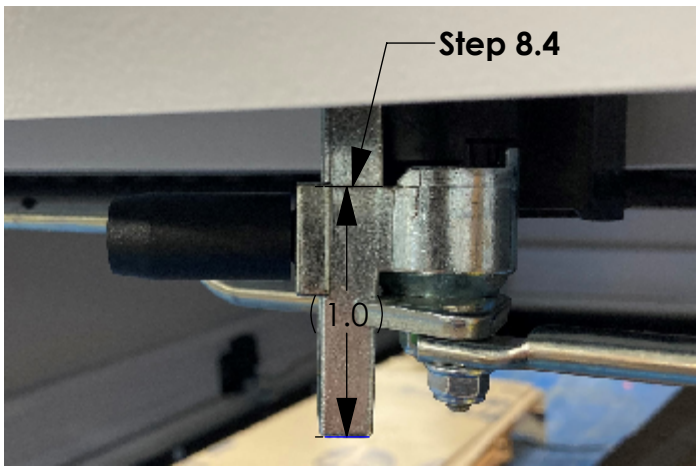
DO NOT OVERTIGHTEN

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

FULLY TIGHTEN
4mm ALLEN
(2 PLACES)







STEP 9 - ATTACH ROOF AND ROOF RAILS

Step 9.1
SET ROOF PANEL ON TOPPER BODY

Step9.2
ATTACH MOUNTING RAILS TO TOPPER BODY.

USE AN ALIGNMENT PUNCH TO POKE THROUGH SEALS

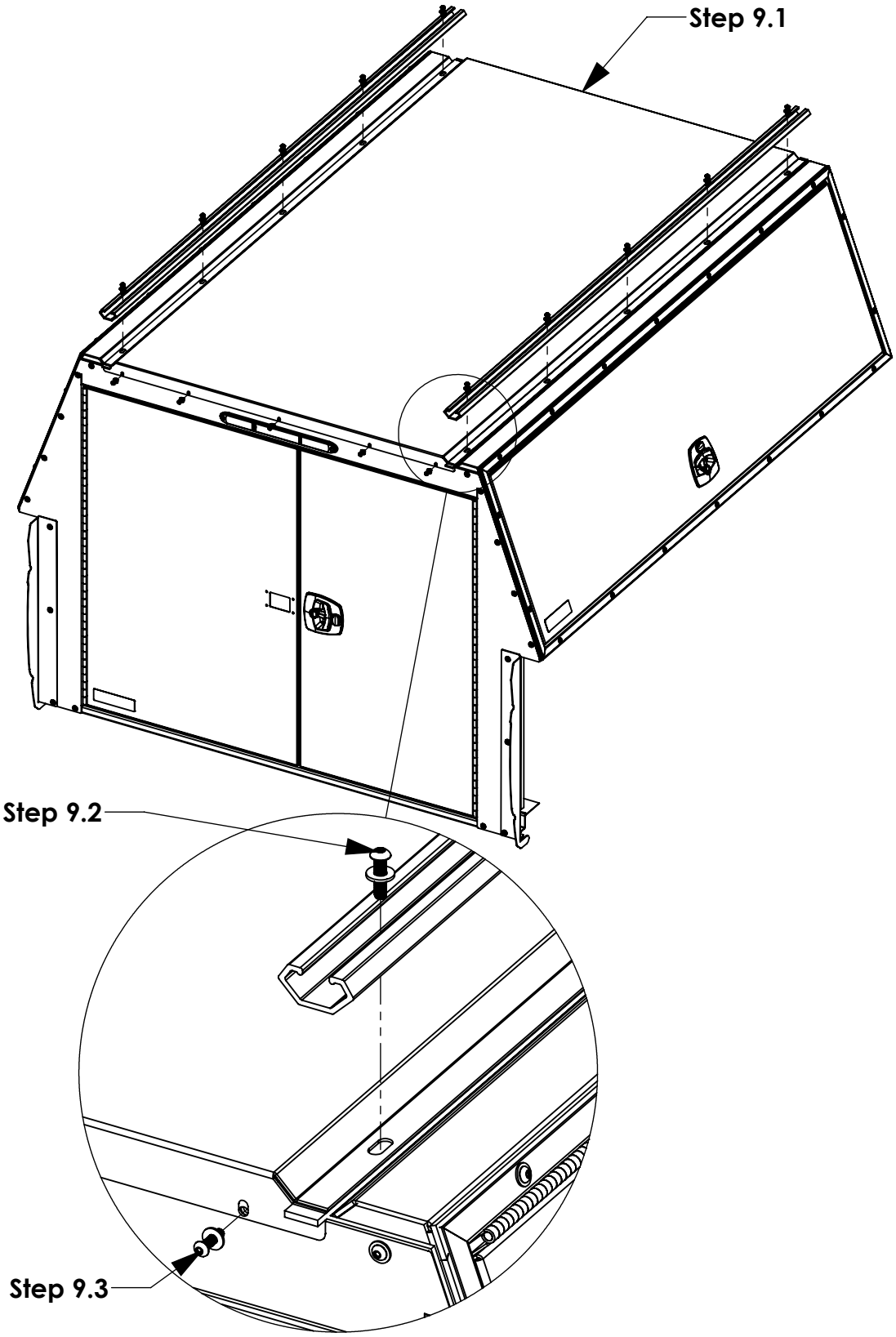
FULLY TIGHTEN
FAS0552,
FAS0919
(10 PLACES)
3/16" ALLEN

Step 9.3
ATTACH ROOF TO TOPPER BODY.

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

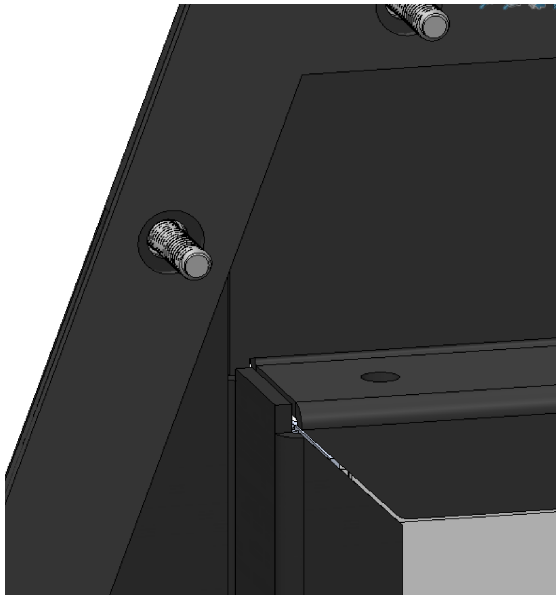


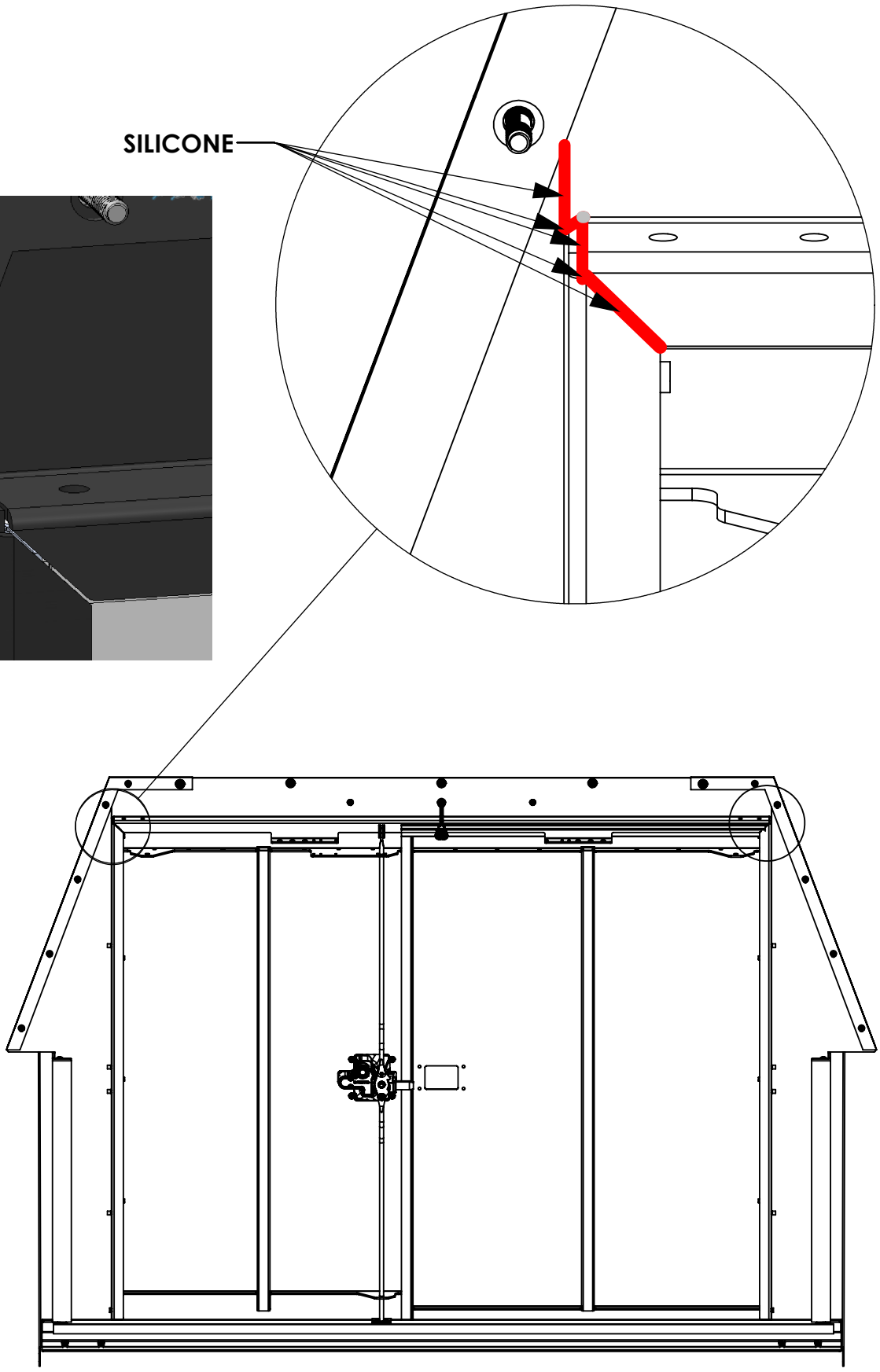
PLEASE NOTE THAT ORDER OF OPERATIONS ON THESE BUILD STEPS IS CRITICAL TO A PROPER SEAL!



STEP 10 - SILICONE JOINTS

Step 10
SILICONE ALONG SEAM AS SHOWN, BOTH ENDS



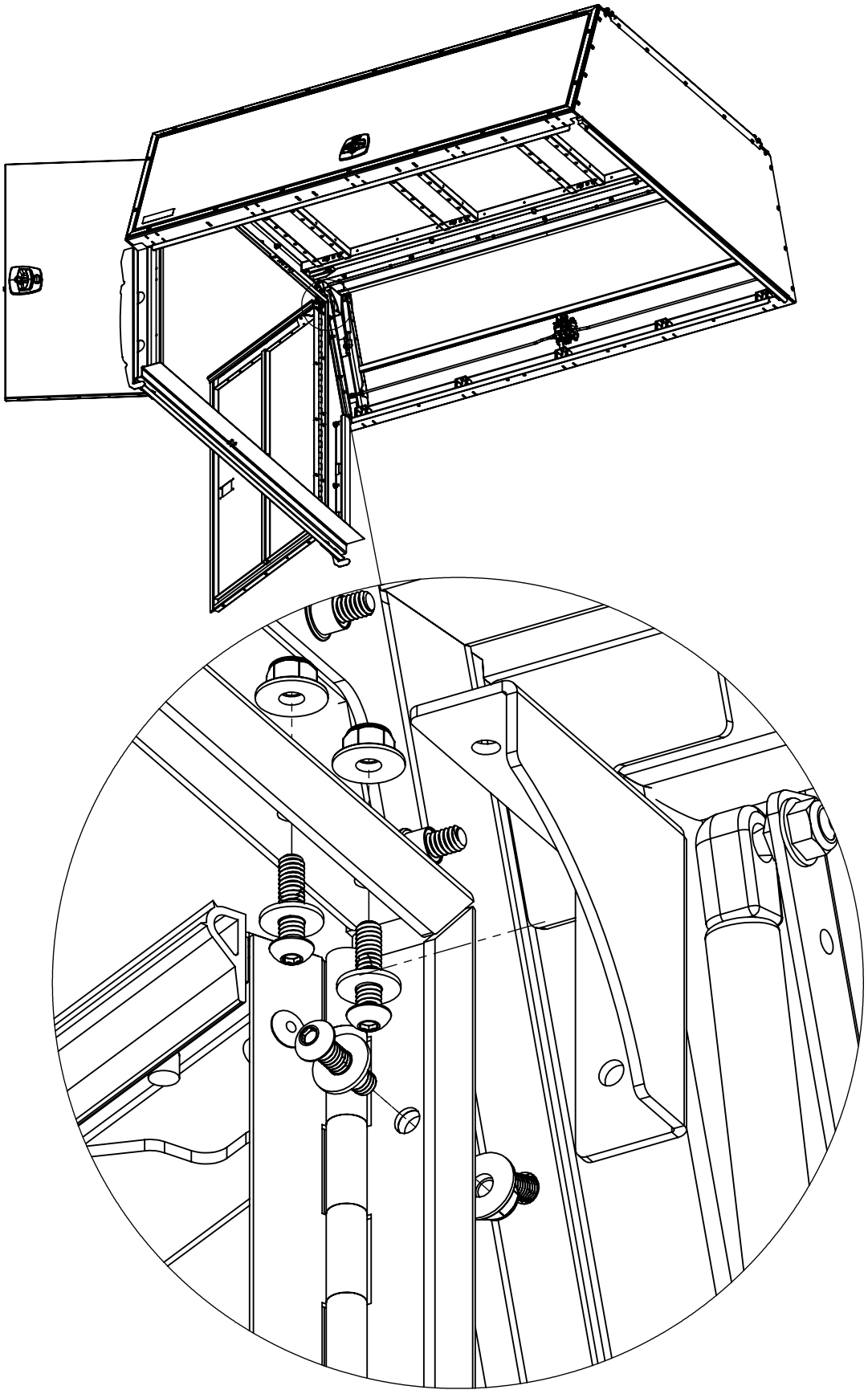


STEP 11 - ATTACH CORNER GUSSETS

Step 11
ATTACH CORNER GUSSETS, BOTH ENDS

<u>FULLY TIGHTEN</u>
FAS0920
FAS0234
FAS0055

(6 PLACES)
5/32" ALLEN



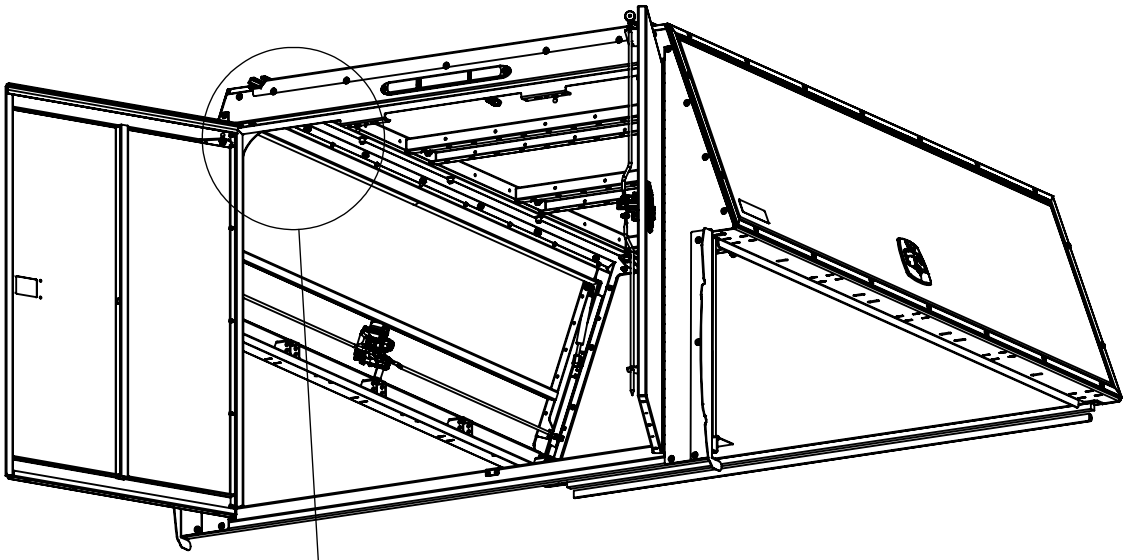
STEP 12 - INSTALL BALL STUDS

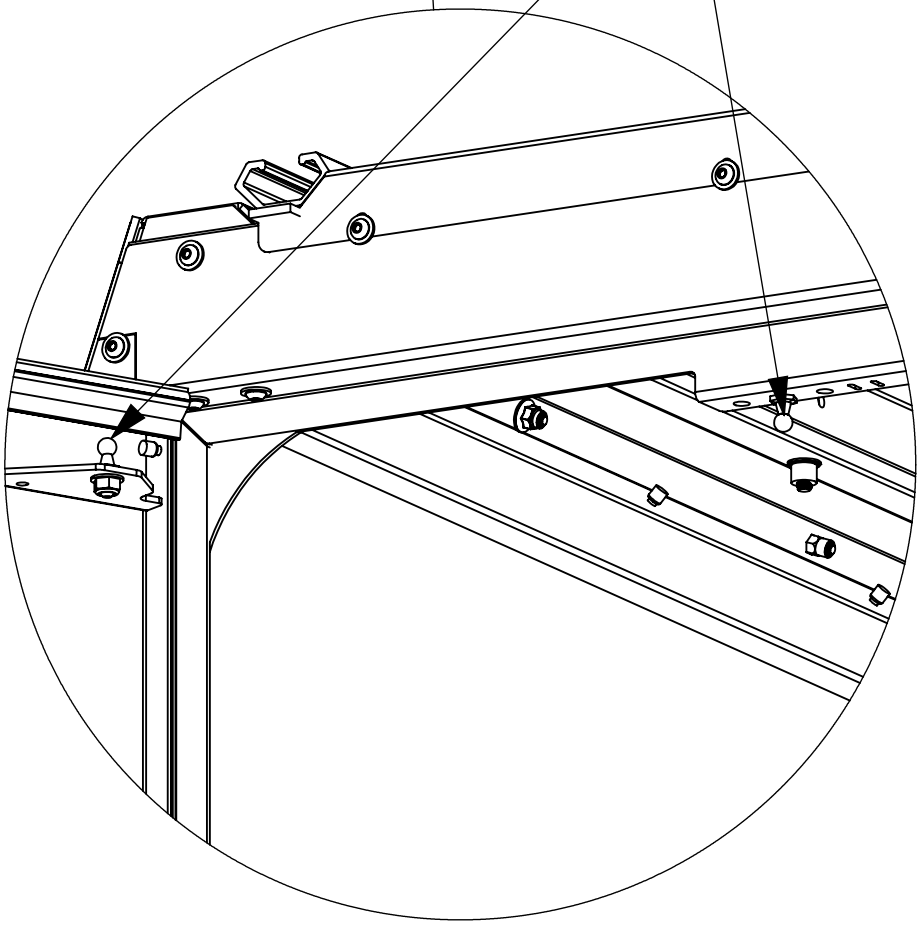
Step 12
INSTALL BALL STUDS

<u>FULLY TIGHTEN</u>
30015-0
FAS0861

(4 PLACES)
1/2" WRENCH

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

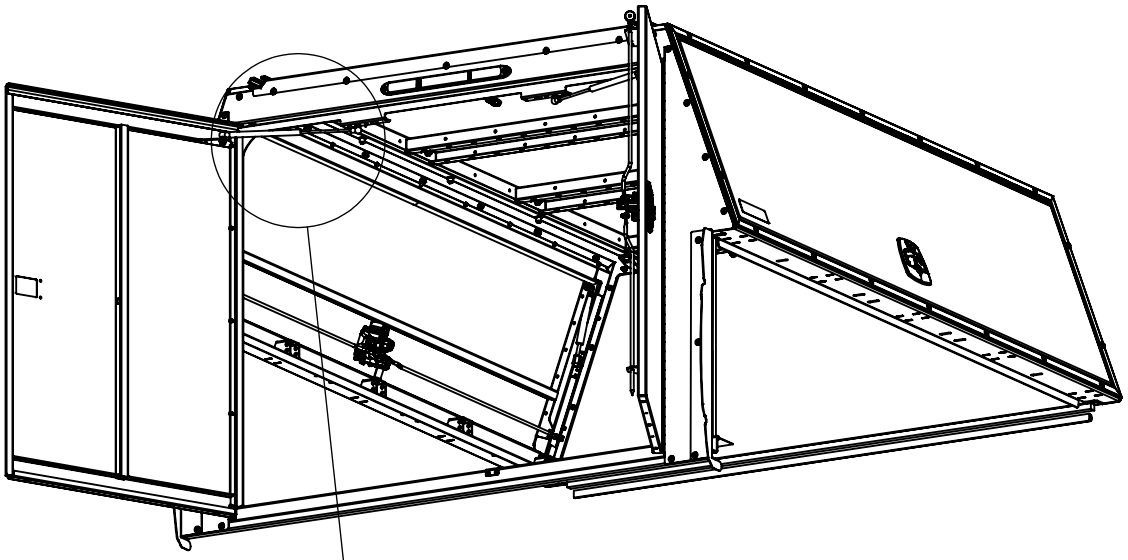


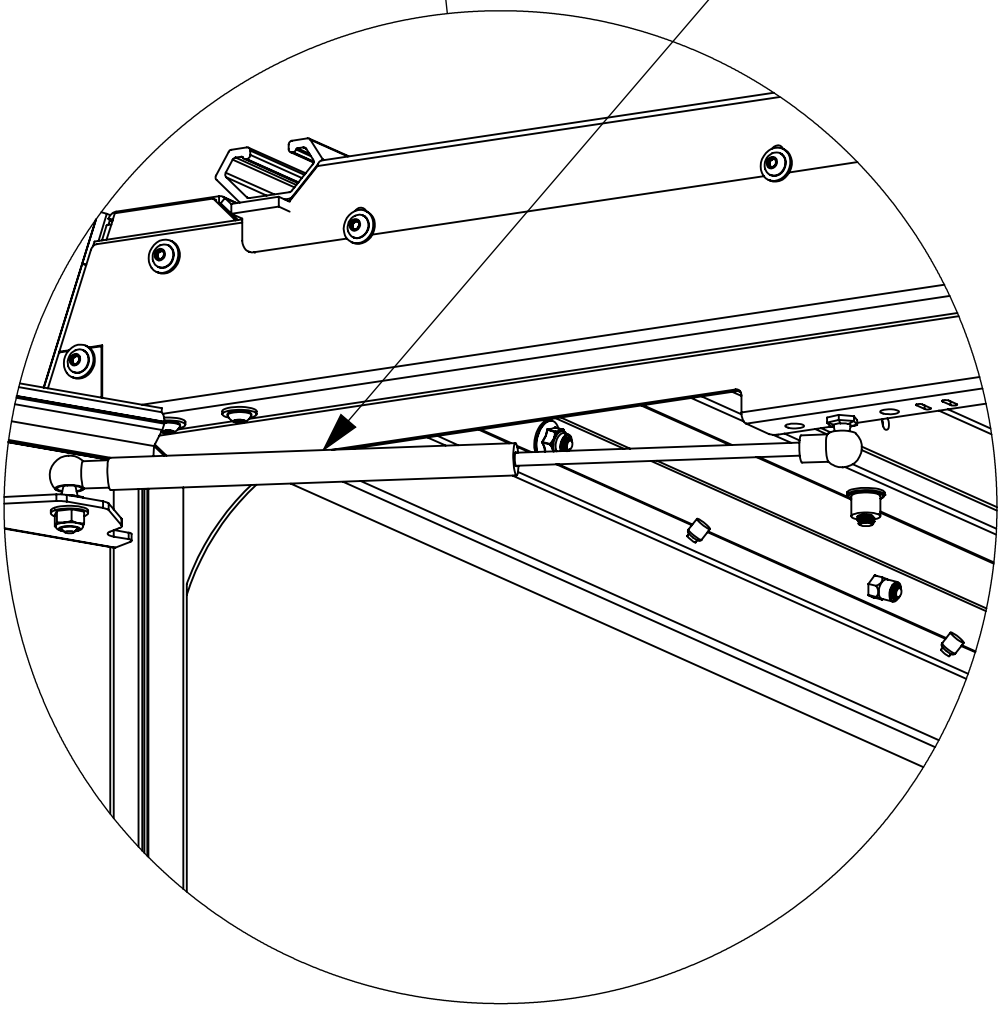


STEP 13 - INSTALL SHOCKS

Step 13
INSTALL SHOCKS

77108 (20#)
(2 PLACES)



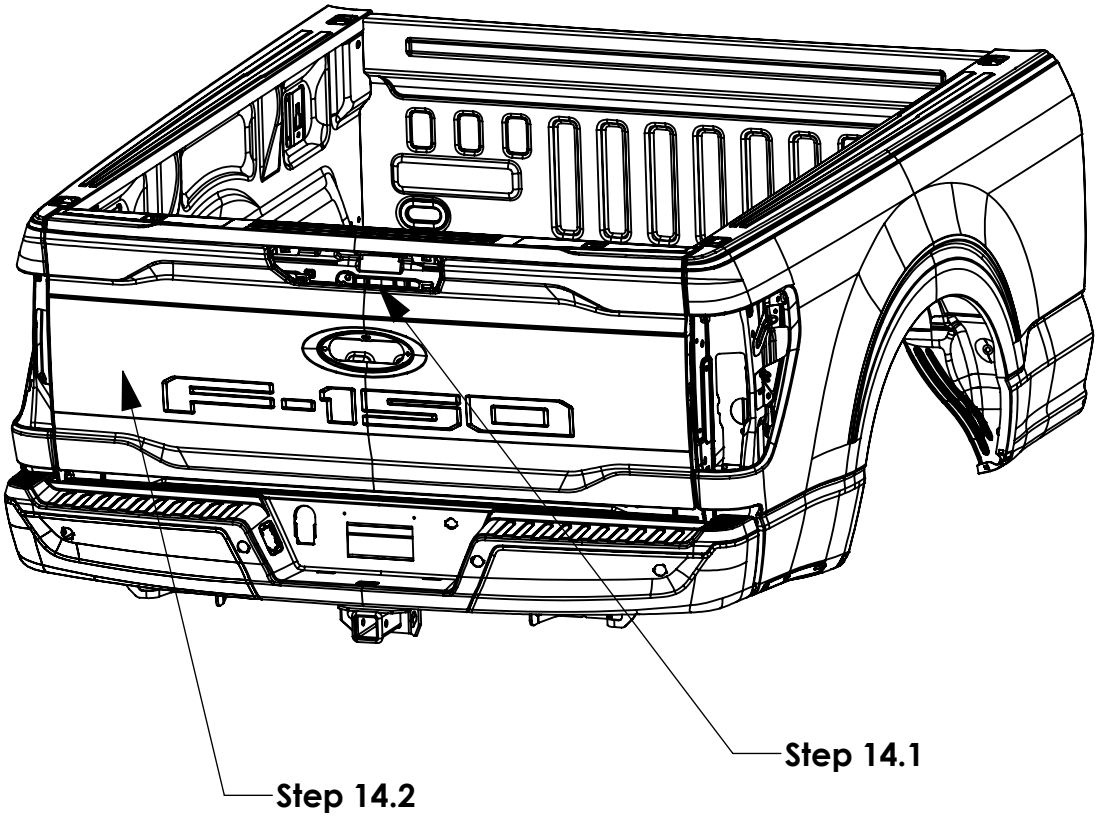


STEP 14 - REMOVE BACKUP CAMERA AND TAILGATE

Step 14.1
REMOVE BACKUP CAMERA PER 77217 RELOCATION INSTRUCTIONS 77963

Step 14.2
REMOVE TAILGATE PER OEM GUIDLINES

NOTE: CONTACT CUSTOMER FOR DISPOSTION OF REMOVED TAILGATE



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.

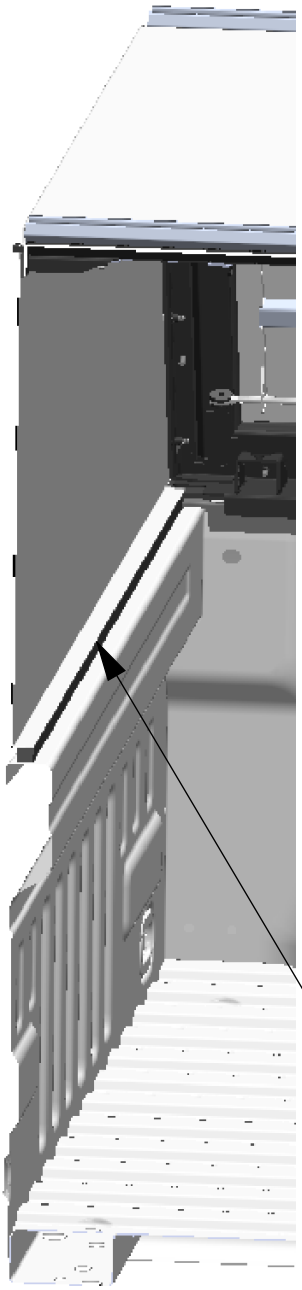
NOTE: BASED ON DIFFERENT VEHICLE MODEL YEARS AND BED VARIATION, THE TOPPER LOCATION MAY VARY. IT MAY REQUIRE THE INSIDE EDGE FLANGE TO BE PLACEDAT THE INSIDE EDGE OF THE BED TO LOCATE TOPPER PROPERLY AT REAR OF VEHICLE.

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

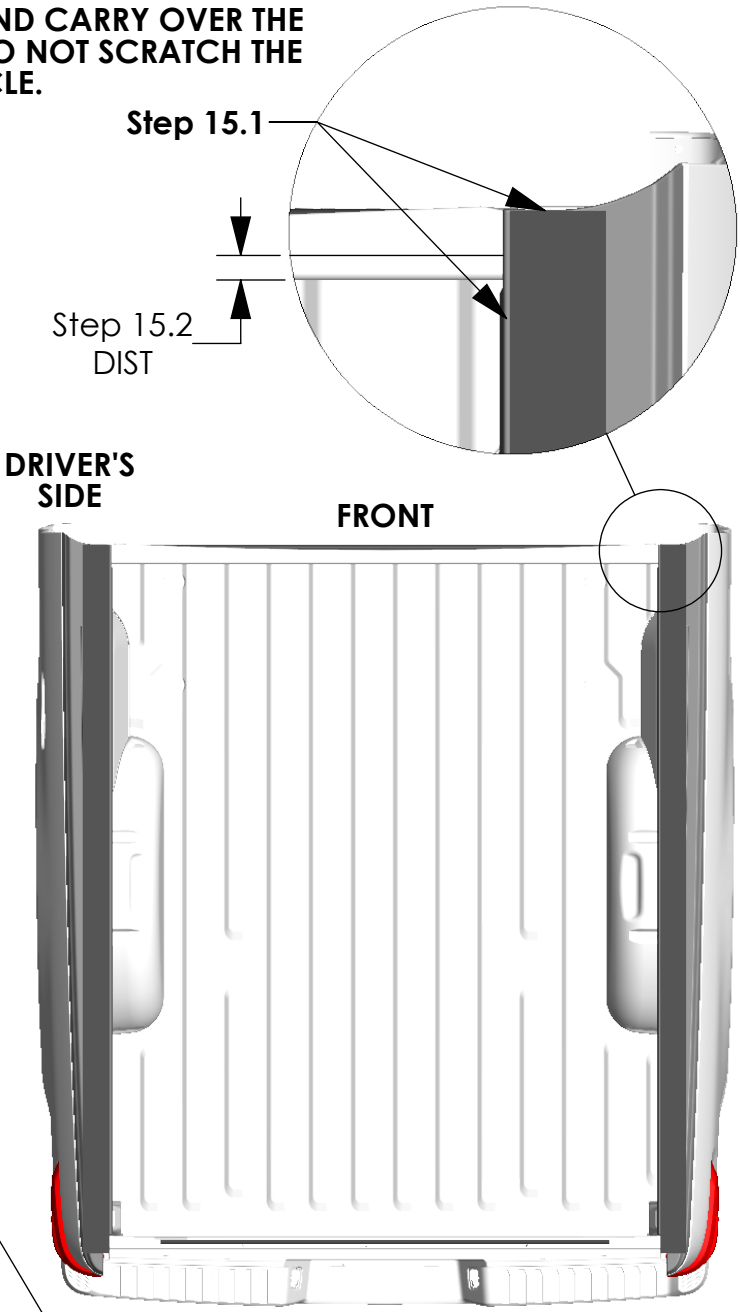
-HOIST: ATTACH TO THE ROOF RAILS OF THE TOPPER
-FORKLIFT: OPEN THE REAR DOOR AND SET FORKS ON THE ROOF BOWS
-MANUAL: HAVE 1 INDIVIDUAL AT EACH CORNER OF THE TOP AND CARRY OVER THE SIDES OF THE TRUCK. DO NOT SCRATCH THE VEHICLE.

TABLE 1:

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



TOP VIEW



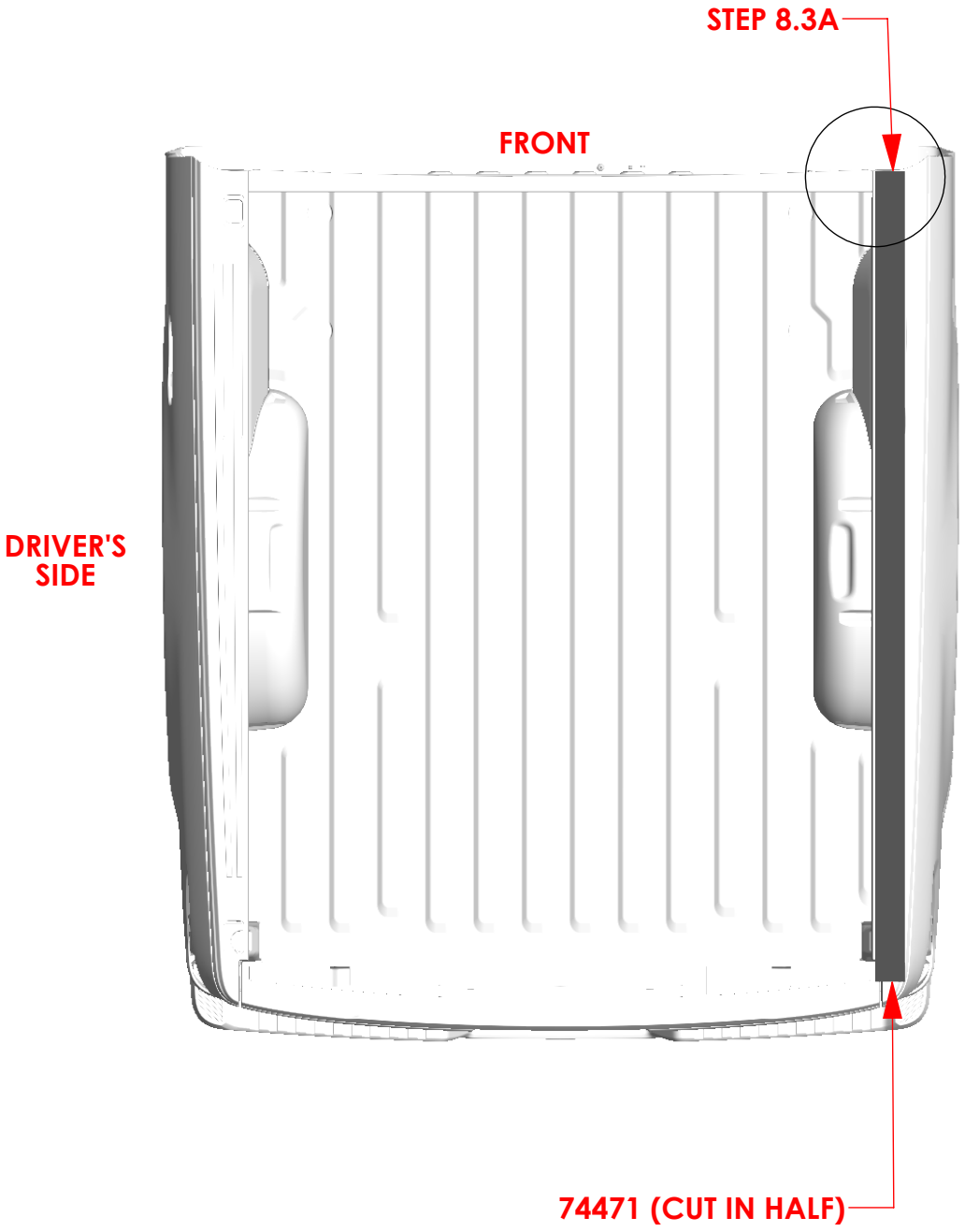
STEP 15.1 CONTINUED ON NEXT PAGE FOR COLORADO ONLY

STEP 15 CONTINUED - INSTALL FOAM (NOTE: FOR CHEVY COLORADO ONLY)

Step 8.3A
COLORADO ONLY! CUT 74471 IN HALF TO MAKE TWO SEALS. INSTALL ADDITIONAL SIDE BED SEALS (74471 (X1)). ALIGN TO THE FRONT AND INSIDE EDGES OF THE SEALS FROM THE PREVIOUS STEP.

DO NOT TRIM EXCESS UNTIL TOPPER IS ON THE TRUCK.

Step 8.3B
SHIFT TO DRIVERS SIDE OF TRUCK AND MIRROR INSTALLATION OF THE FIRST HALF OF 74471.



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

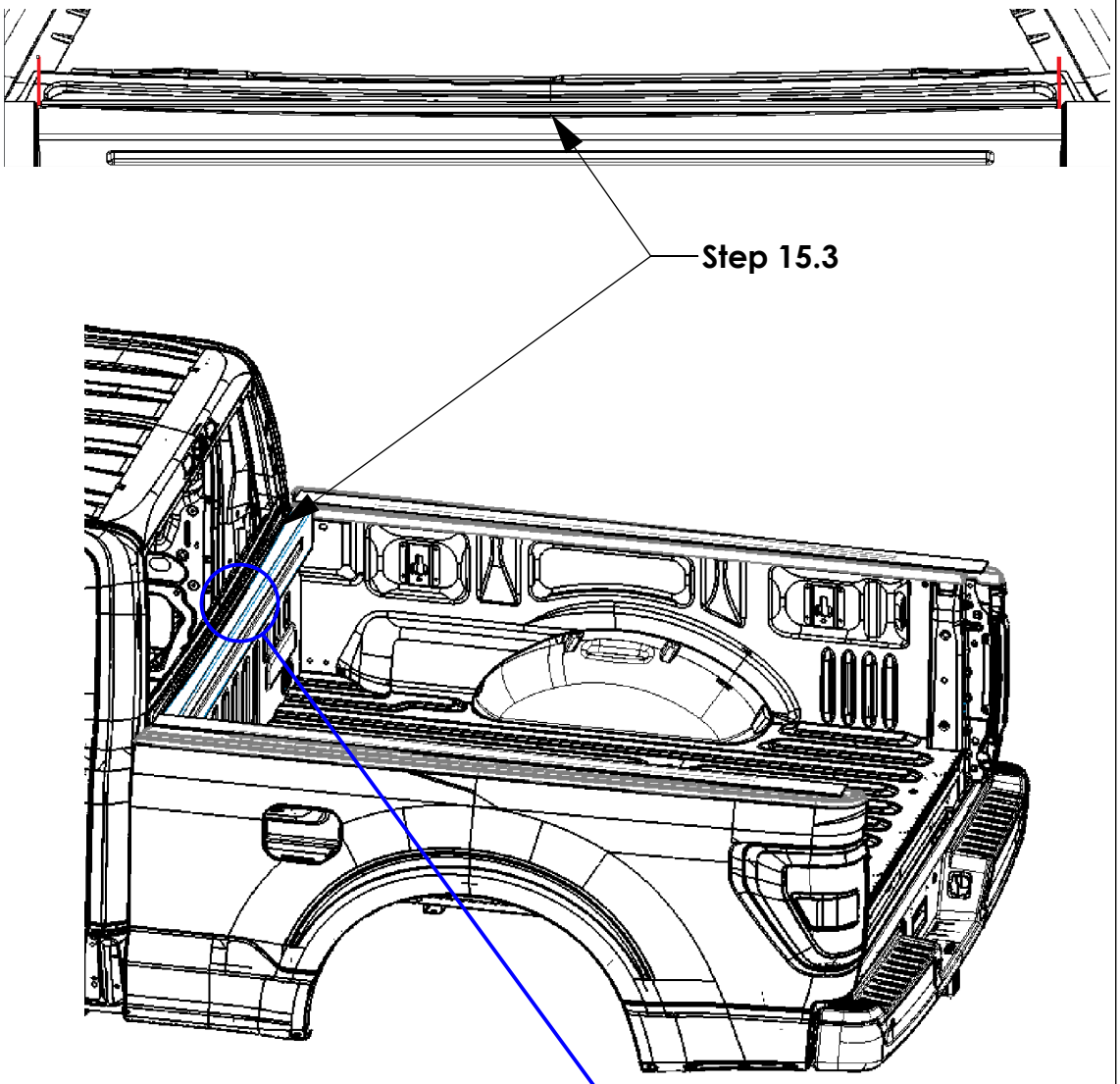
Step 15.3
PLACE 81456 GASKET IN THE GAP BETWEEN THE TRUCK BED AND CAB.



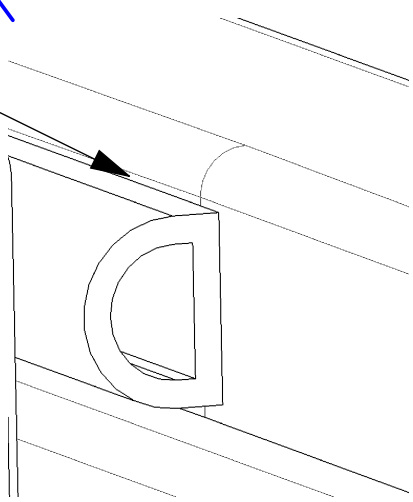
BEFORE ATTACHING TO TRUCK BED, CLEAN AND PREP AREA. DO NOT ATTACH TO PLASTIC TRIM. IF TRIM IS ON FRONT OF BED ATTACH TO CAB.

ONCE AREA IS PREPARED CENTER GASKET ON THE REAR WINDOW.

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



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

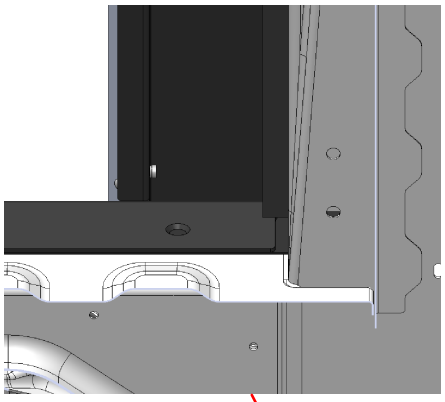


STEP 16 - ATTACH TOPPER TO TRUCK BED. CONT'D ON NEXT PAGE FOR LOCATING INSTRUCTIONS SPECIFIC TO SILVERADO 1500/2500.

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

STOP

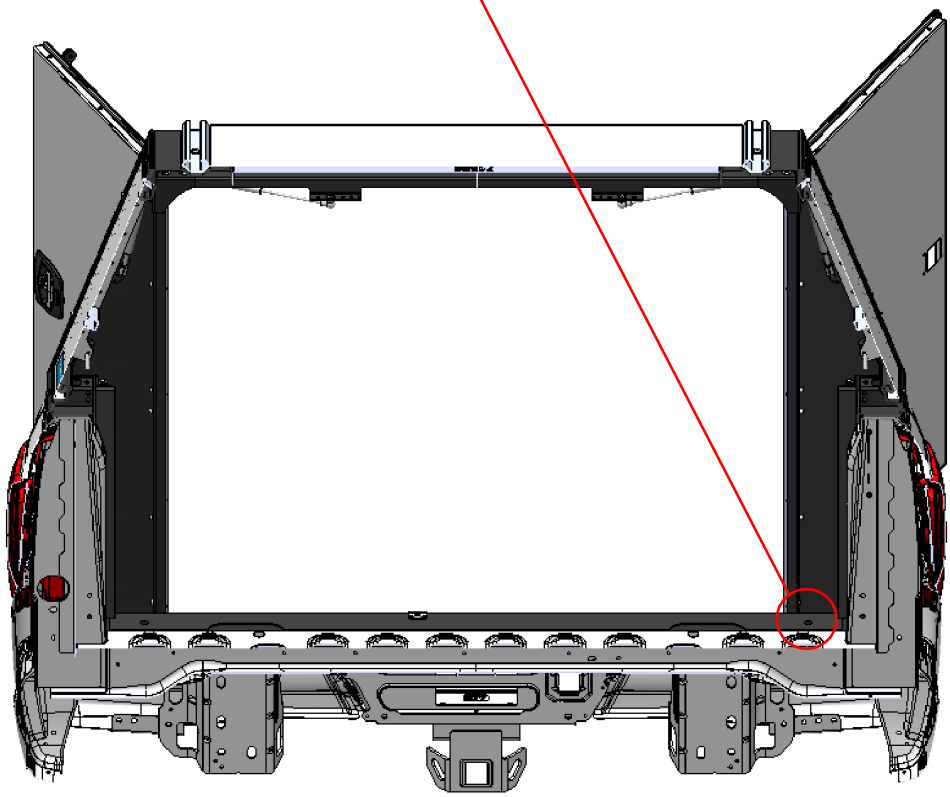
(2 PLACES)
NOTE: YOU WILL HAVE TO REMOVE FOAM FROM THE HOLES.



VIEW LOOKING FROM FRONT TO BACK

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

1/2" STEP DRILL BIT



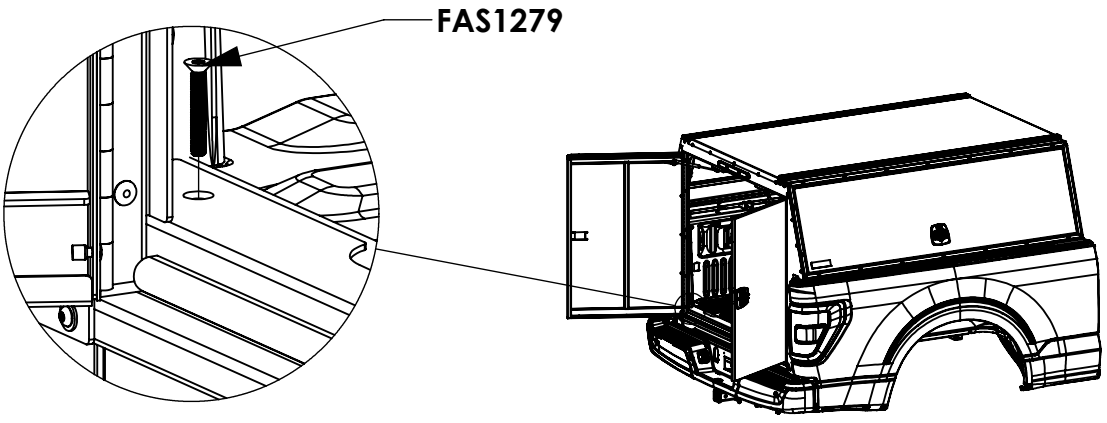
Step 16.3
SET PLUSNUTS USING PLUSNUT SETTING TOOL OR AIR POWERED SETTING GUN.

FAS0222

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

<u>FULLY TIGHTEN</u>
FAS1279
(2 PLACES)
T40 TORX BIT

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



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.

STOP

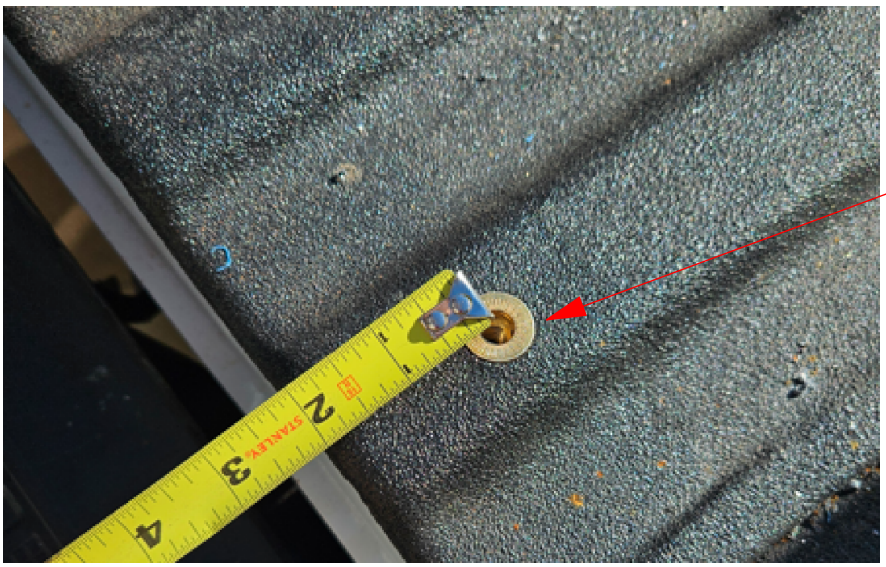
DO NOT MARK. SEE BELOW

(2 PLACES)



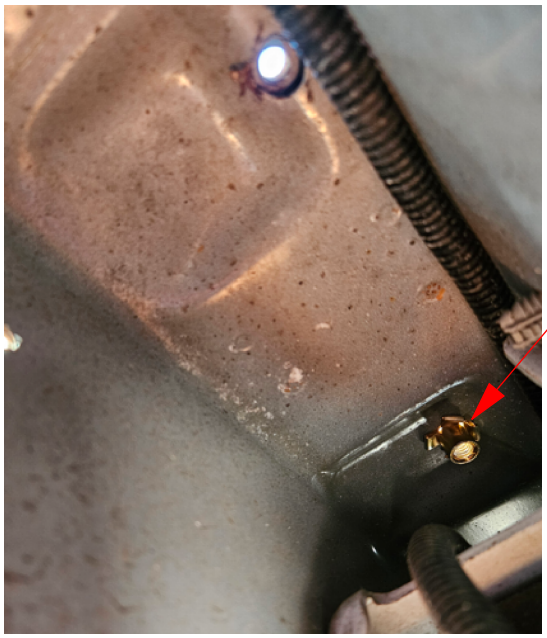
Step 16ALT.6
TO LOCATE PLUSNUTS MEASURE 2" FROM END OF PLASTIC BED INSERT AND MARK BED.

(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)



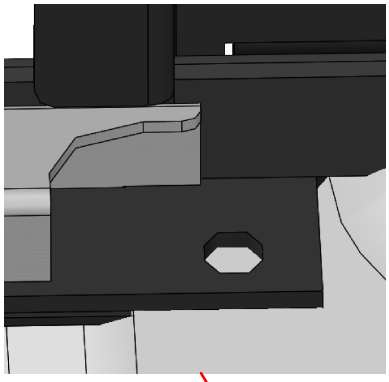
TO COMPLETE INSTALLATION SEE Steps 16.2, 16.3 AND 16.4.

STEP 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.

STOP

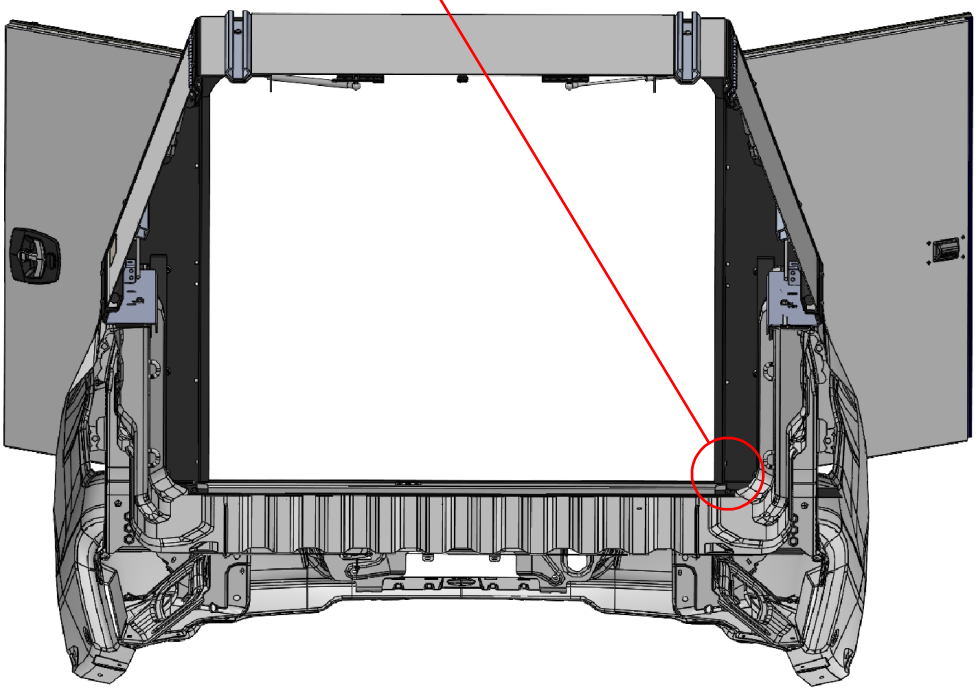
(2 PLACES)
NOTE: YOU WILL HAVE TO REMOVE FOAM FROM THE HOLES.



VIEW LOOKING FROM FRONT TO BACK

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

1/2" STEP DRILL BIT



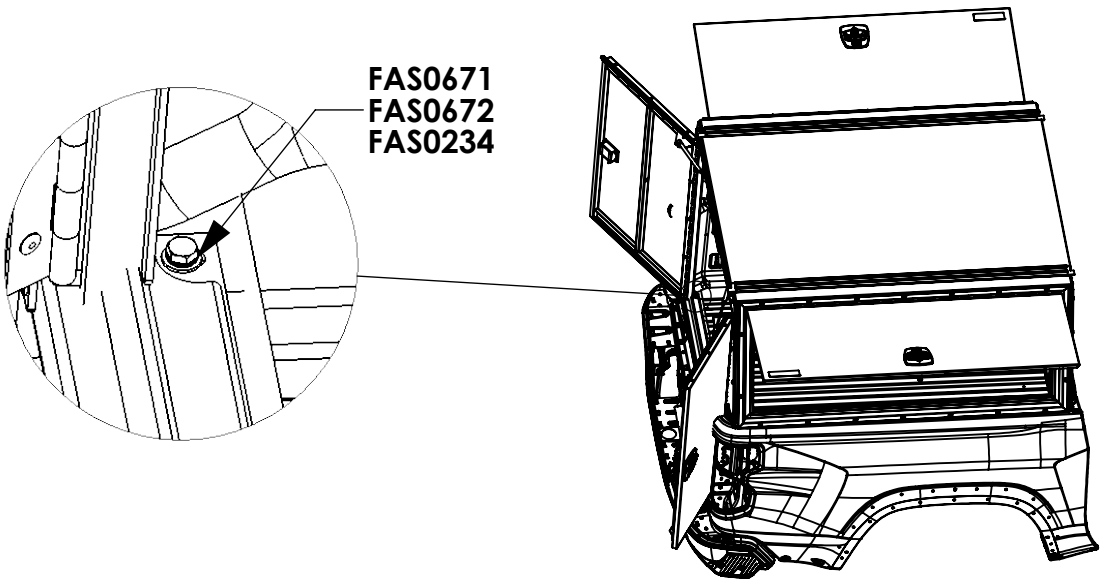
Step 16ALT.10
SET PLUSNUTS USING PLUSNUT SETTING TOOL OR AIR POWERED SETTING GUN.

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



FAS0671
FAS0672
FAS0234

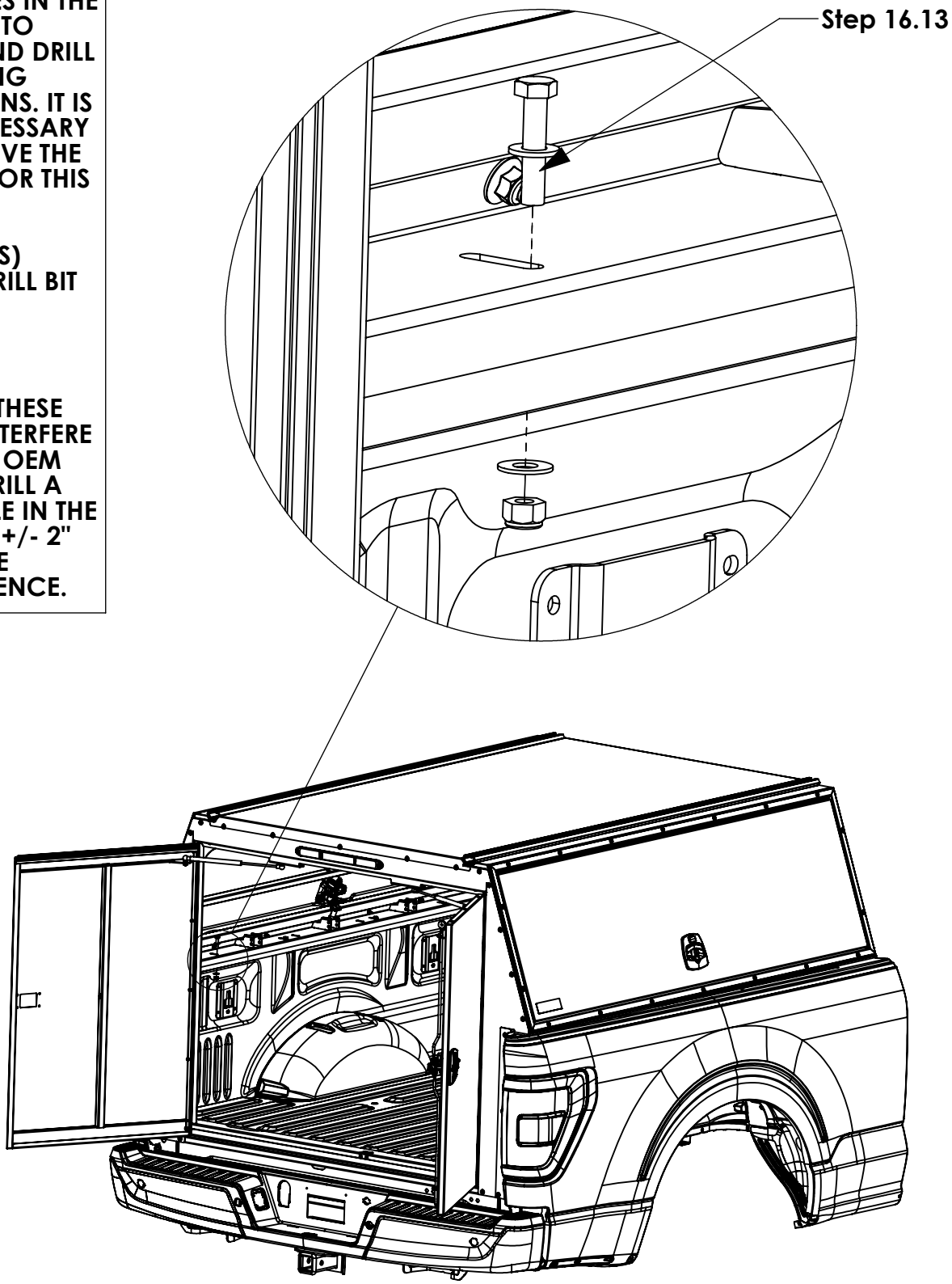
STEP 16 CONT'D - ATTACH TOPPER TO TRUCK BED

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.

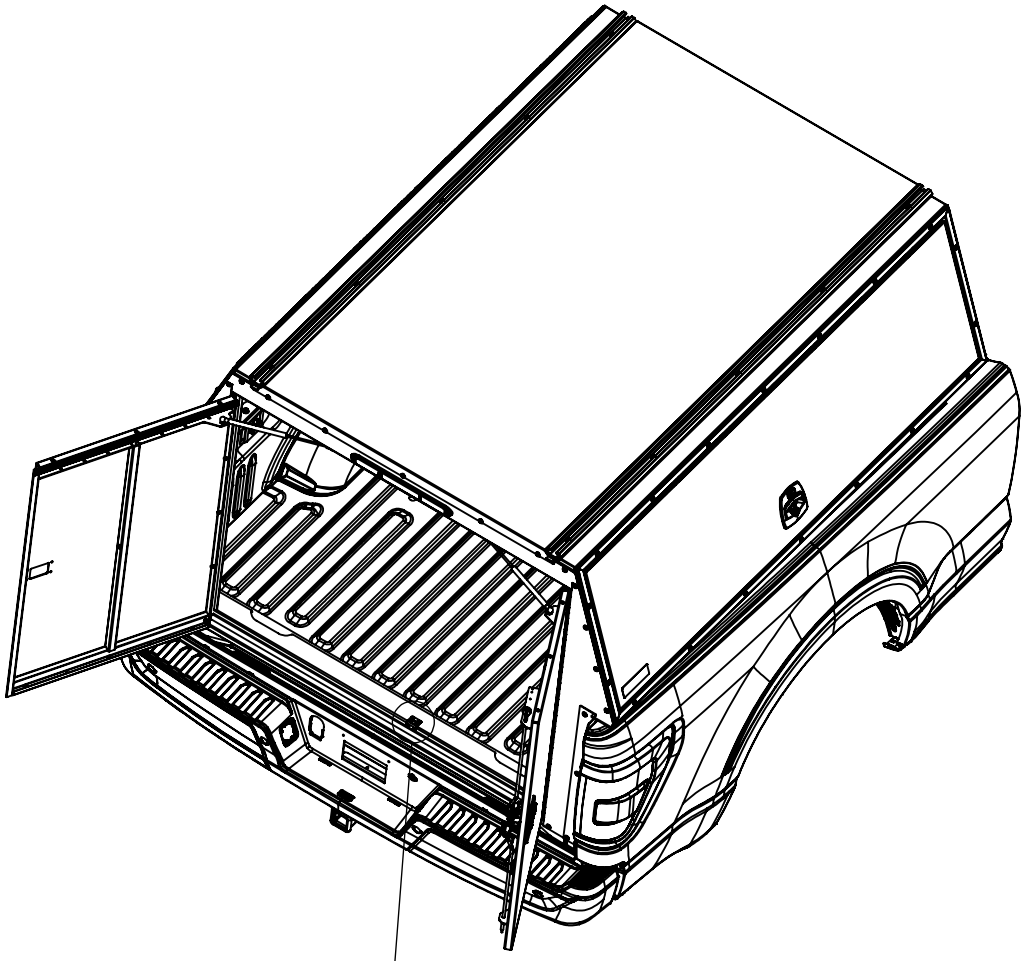
(8 PLACES)
11/32" DRILL BIT

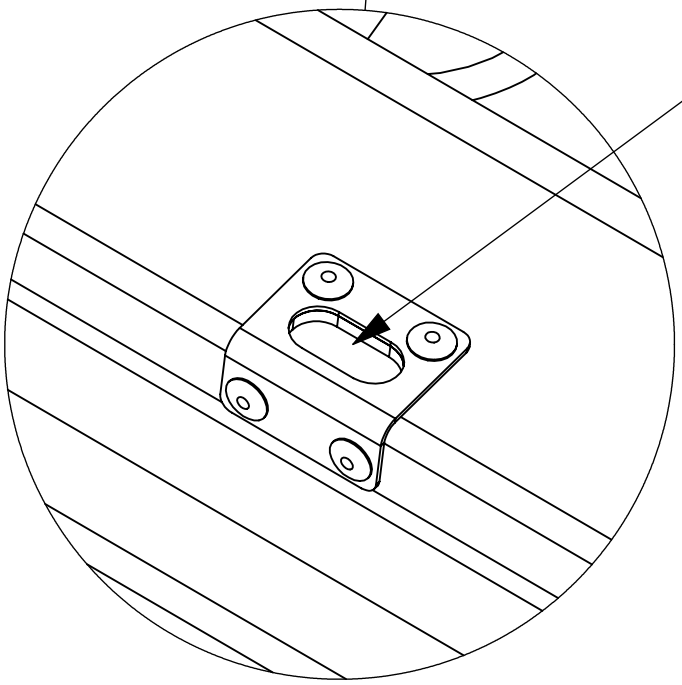
NOTE: IF THESE HOLES INTERFERE WITH THE OEM BODY, DRILL A NEW HOLE IN THE BED RAIL +/- 2" FROM THE INTERFERENCE.



STEP 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 18 - ATTACH FOAM TO INSIDE OF BARN DOORS

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

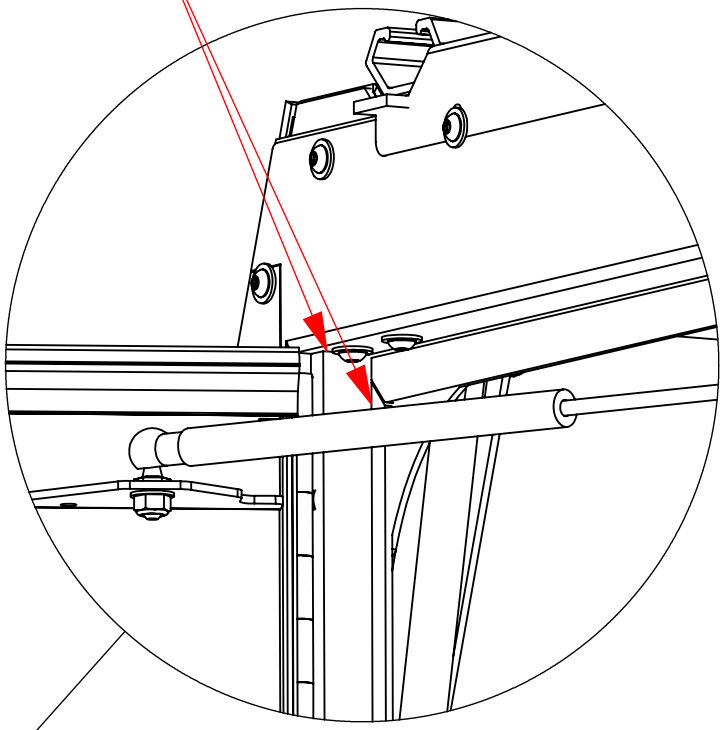


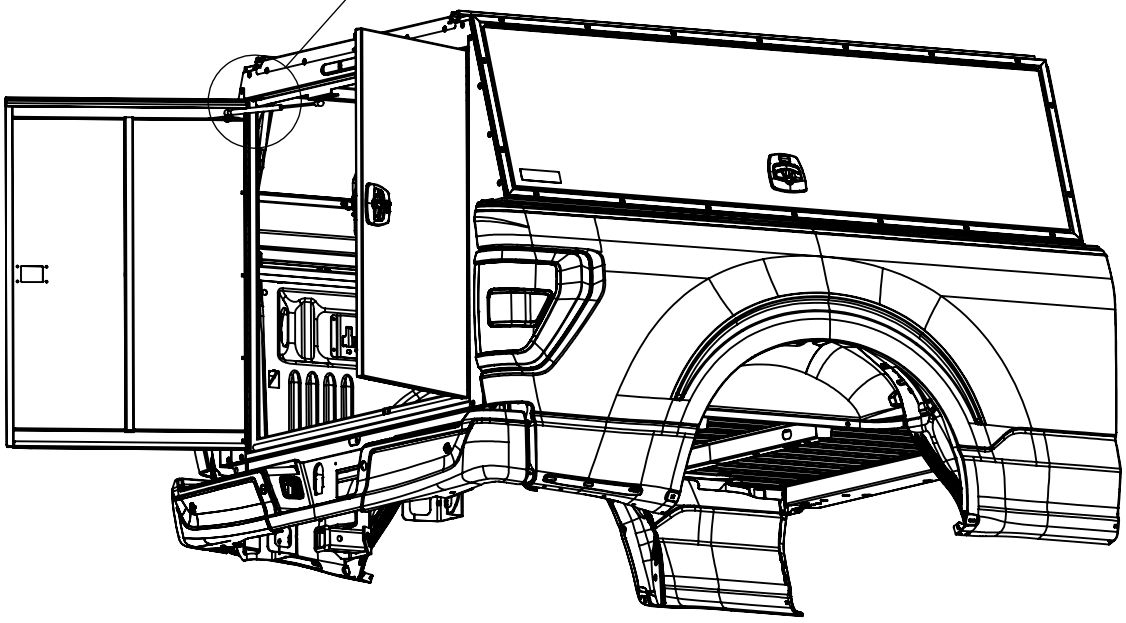
APPLY 77586 FOAM STRIP ON HINGE LEG. (2 PLACES)



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







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

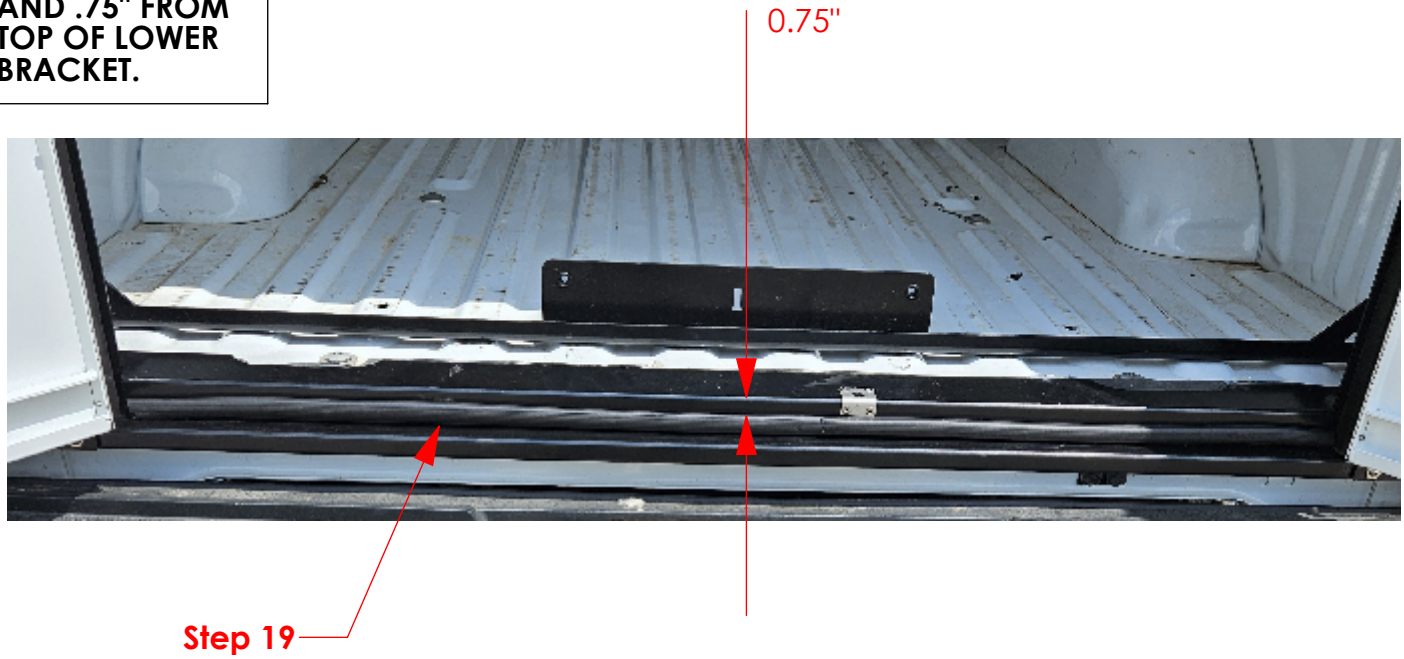
Step 19
CLEAN SURFACE WITH ALCOHOL. PREP WITH 57392 ADHESIVE PROMOTER.



APPLY 77941 GASKET



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



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

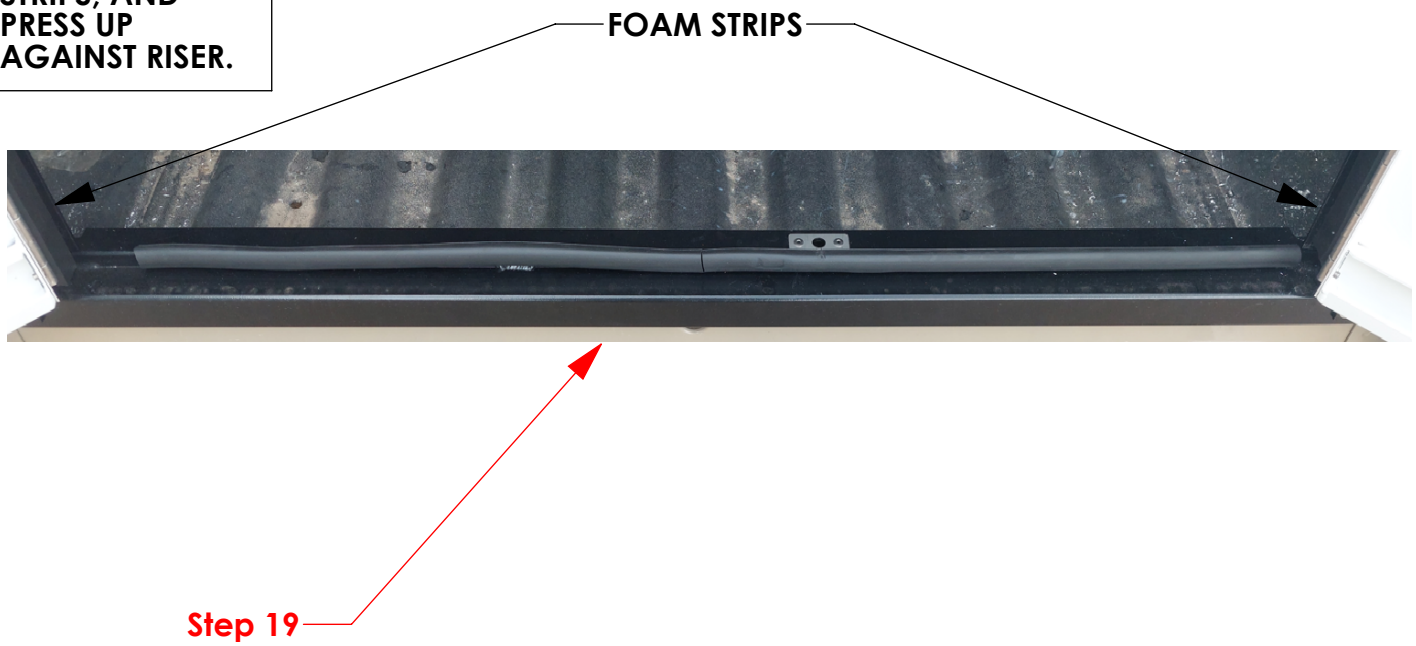
Step 19ALT CLEAN SURFACE WITH ALCOHOL. PREP WITH 57392 ADHESIVE PROMOTER.



APPLY 77941 GASKET



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



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

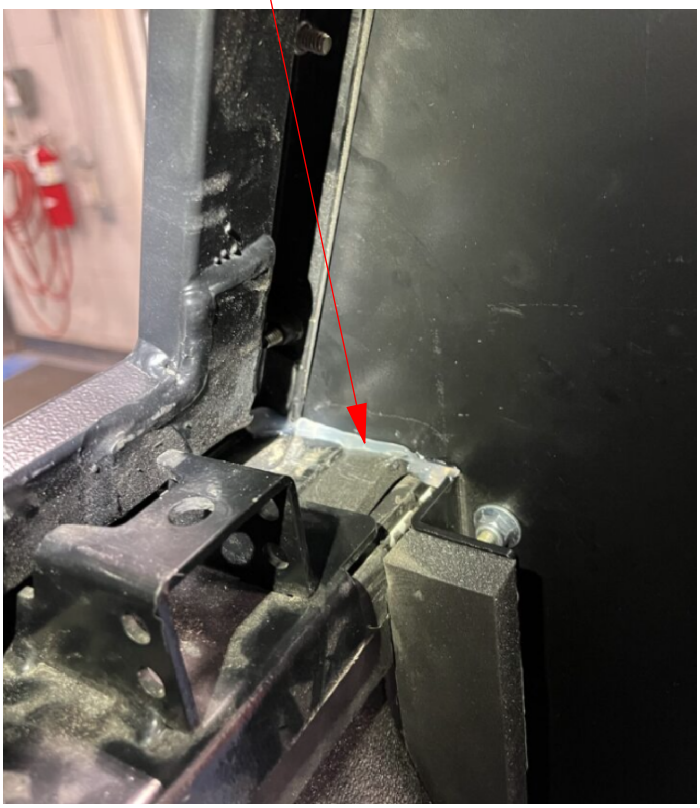
Step 20.1
APPLY A 4" STRIP OF SILICONE TO BOTH INSIDE FRONT CORNERS

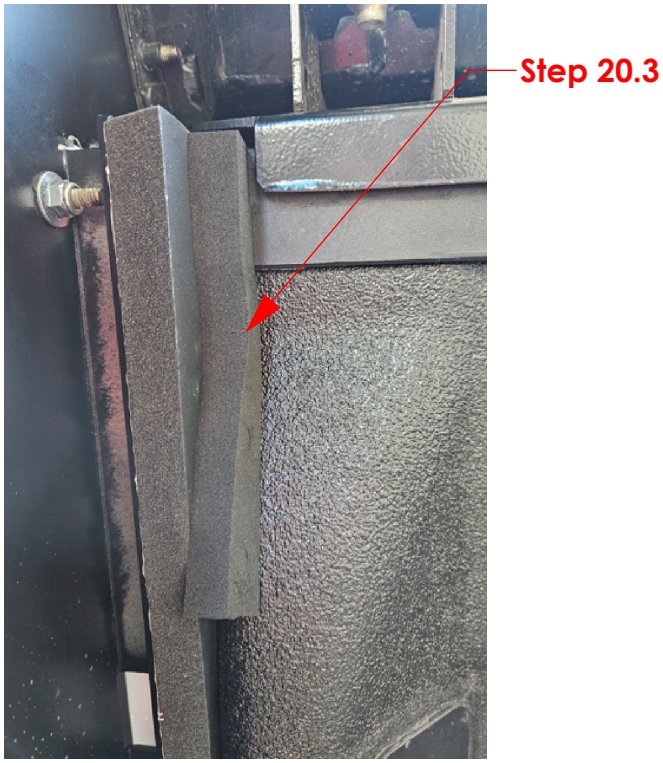
Step 20.2
APPLY A 4" STRIP OF SILICONE TO BOTH INSIDE REAR CORNERS

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

(2) PLACES



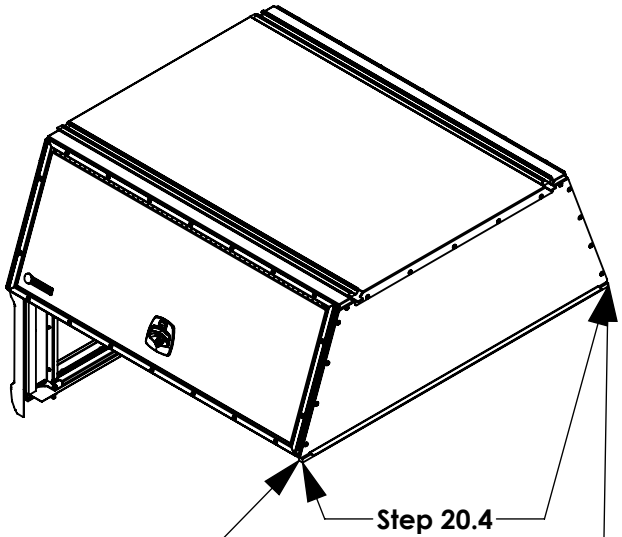




STEP 20 CONTINUED - CHECK BELOW FOR CHEVY COLORADO INSTALLATIONS ONLY

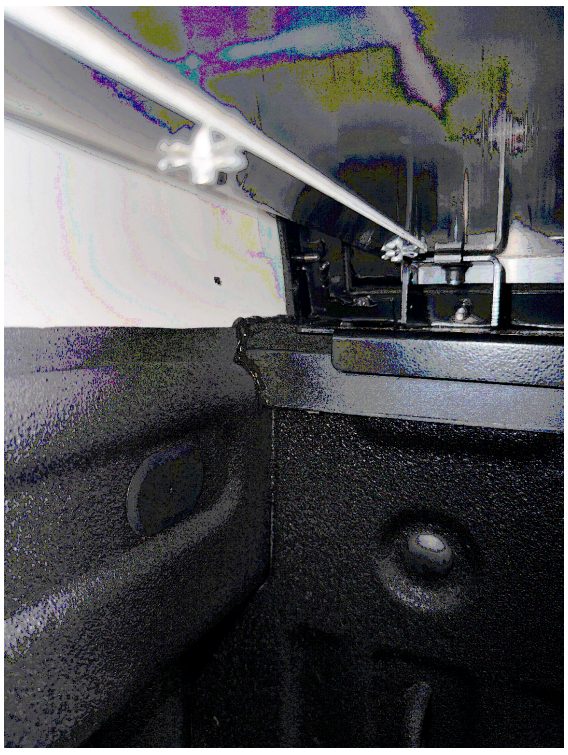
Step 20.4
<u>SEE IMAGES TO THE RIGHT,</u>
APPLY SILICONE TO EACH OF THE FRONT TWO LOWER CORNERS OF THE TOPPPER TO SEAL EDGES TO TRUCK BED

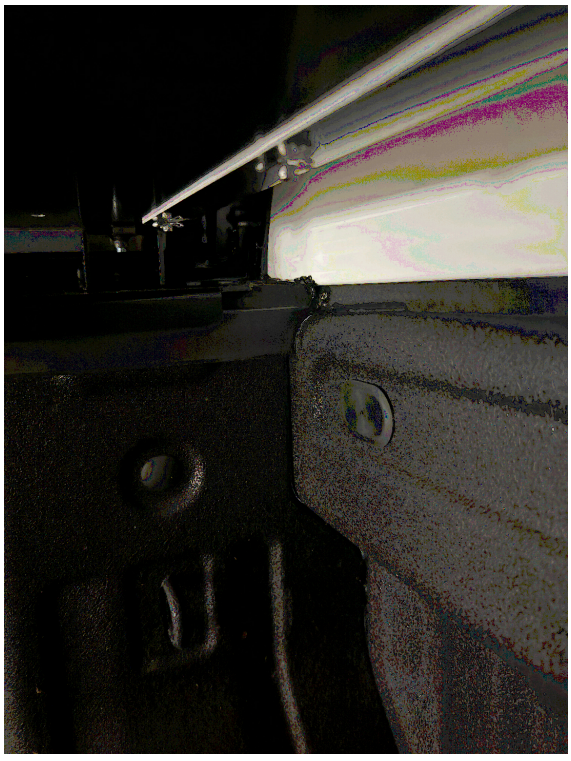
NOTE: IMAGES SHOW BLACK SEALANT, SILICONE PROVIDED WILL BE CLEAR



PASSENGER SIDE

DRIVER SIDE

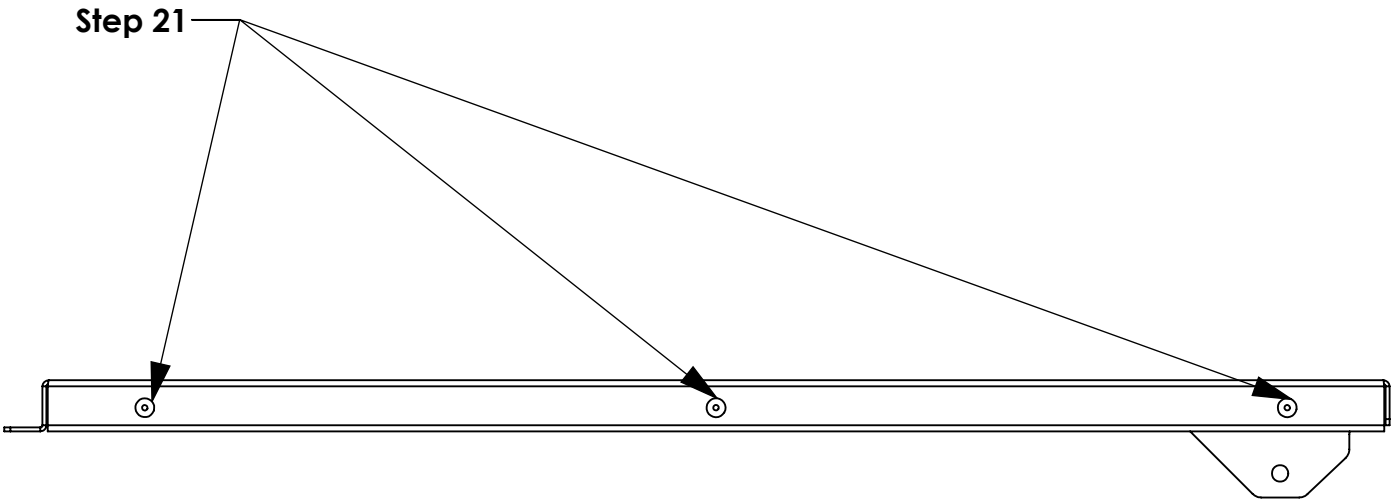


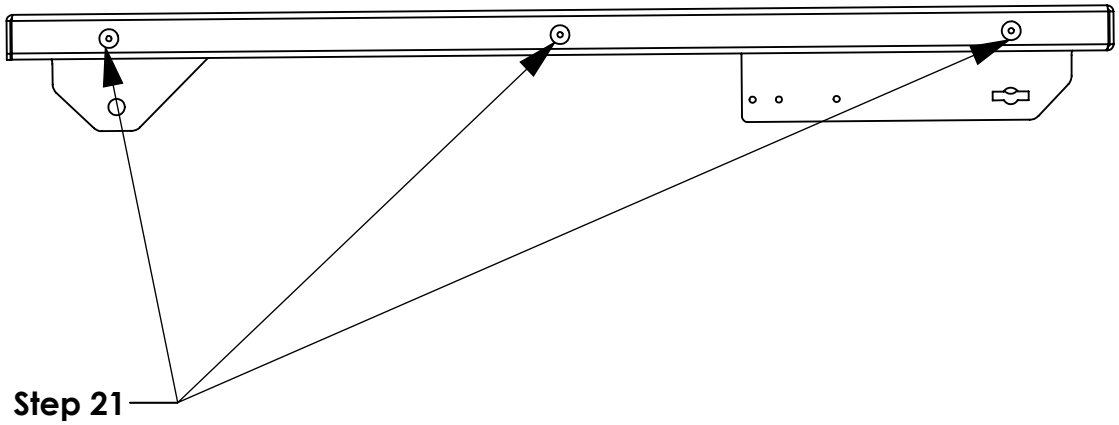


STEP 21 - APPLY SILICONE TO TOP OF BOTH DOORS ON RIVETS.

Step 21
APPLY SILICONE TO TOPS OF DOORS ON RIVETS

(6 PLACES)





STEP 22 - CLOSE DOORS AND ADJUST BED FILLERS.

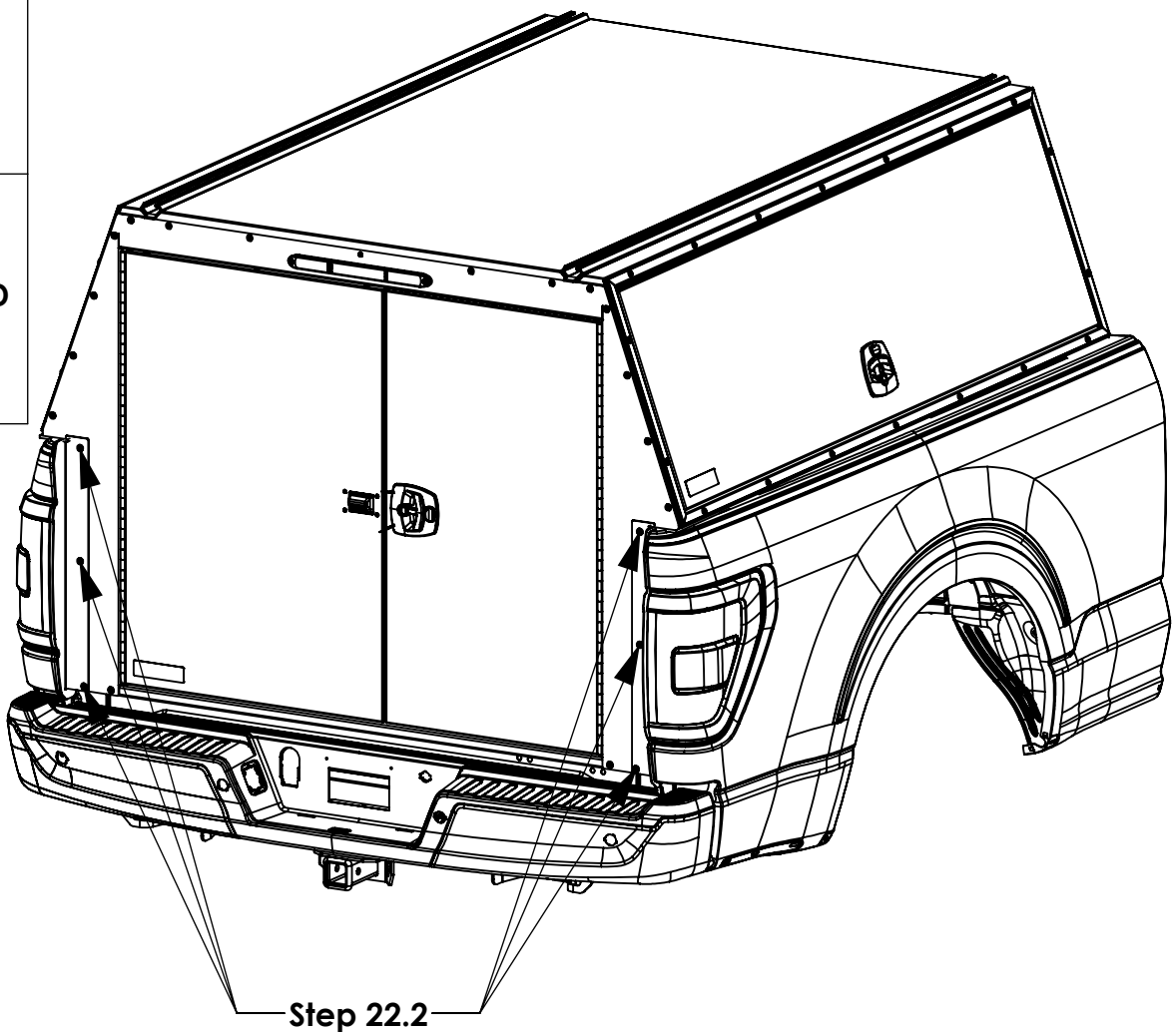
Step 22.1
CLOSE DOORS STARTING WITH DRIVER'S SIDE FIRST THEN PASSENGER SIDE. CONFIRM LOCK ROD IS ENGAGED IN HOLE OF LOWER BRACKET.



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)



Step 22.2

MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

Introduction / Comments:

Install Instructions For Brake Light On Topper For Silverado

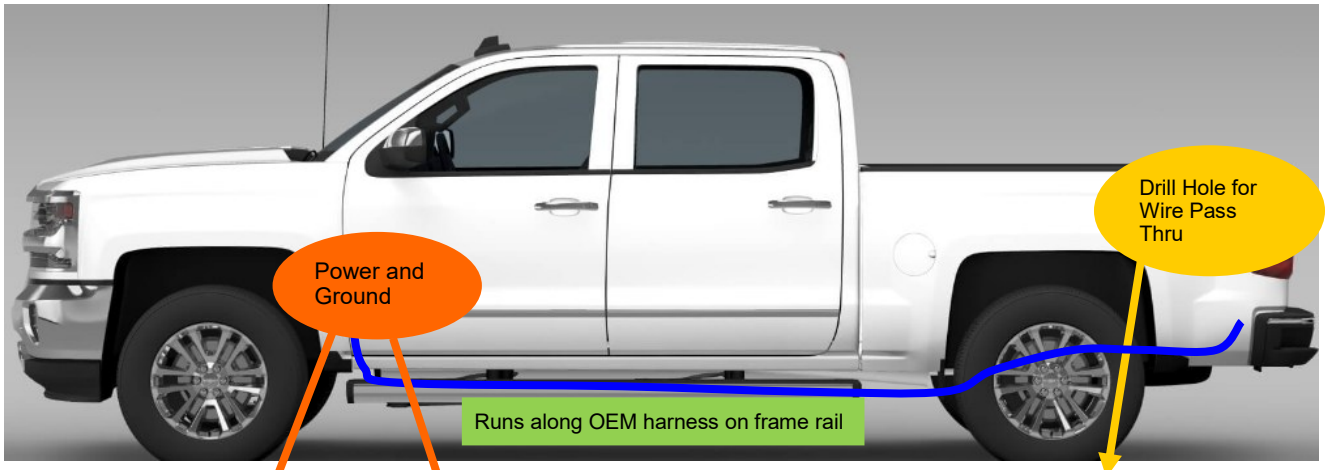
Note:

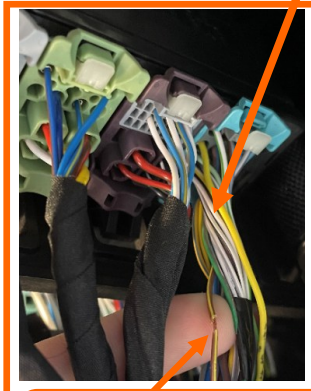
Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638**) before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting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



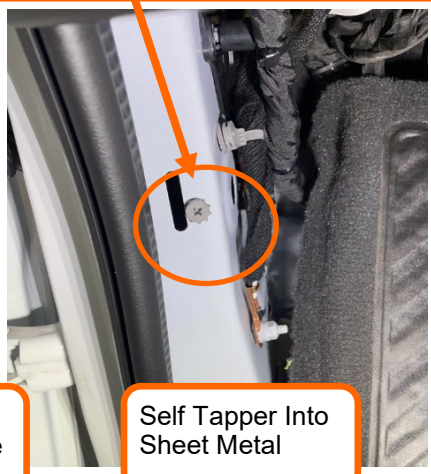
Installation Instructions For Brake Light On Topper For Silverado 1500 / 2500 / 3500

Routing Overview

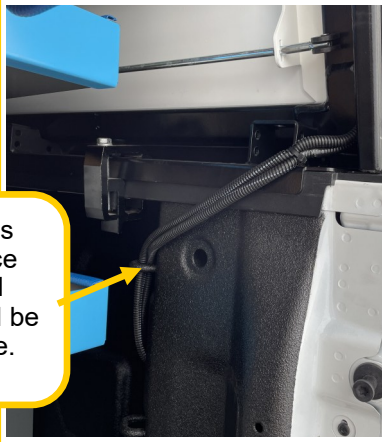




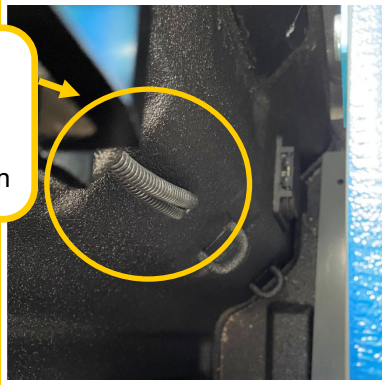
CHMSL Circuit OEM Wire. Brown/Yellow Wire



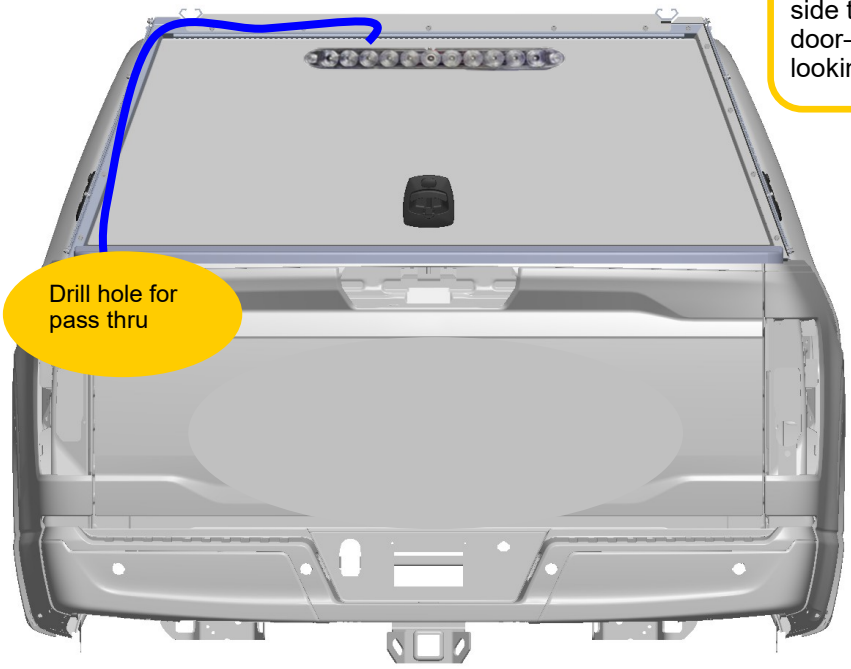
Self Tapper Into Sheet Metal



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



View from passenger side topper door—looking down



Drill hole for pass thru

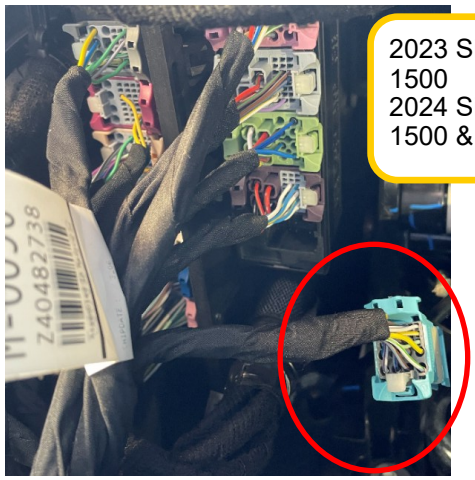
Color	Key - Items
Orange	Power and Ground Location
Blue	Harness Routing
Yellow	Bed Wire Pass Thru



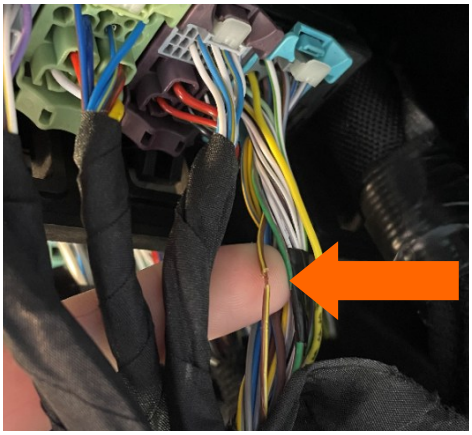
Step 1: Locate the brake light harness 71680.

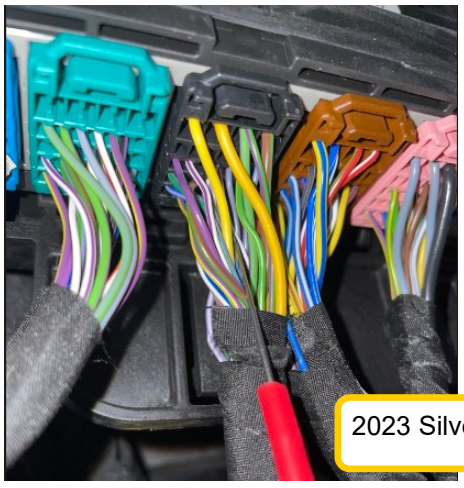
Remove the fuse from the inline fuse holder until he end of the install.

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



2023 Silverado 1500
2024 Silverado 1500 & HD





2023 Silverado HD

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).**

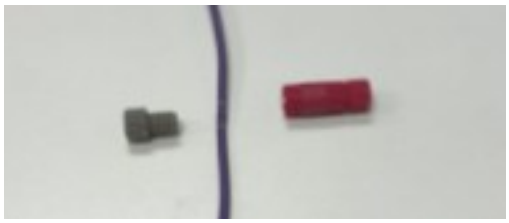
Separate the wire from the bundle (by your finger or a trim tool) to prepare it to be connected with the brake light harness.

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.

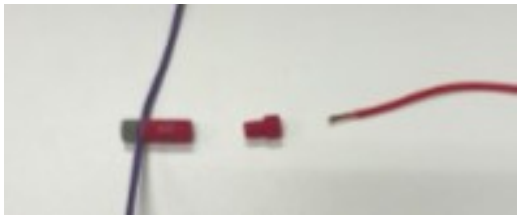


Step 3: Remove the grey cap on the posi-tap.

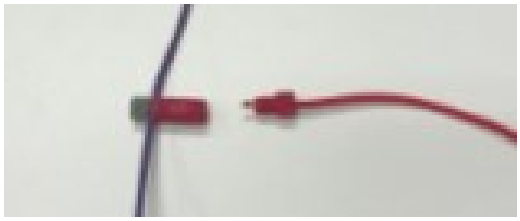
Push the OEM brake signal wire into the insert on the grey cap.



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.



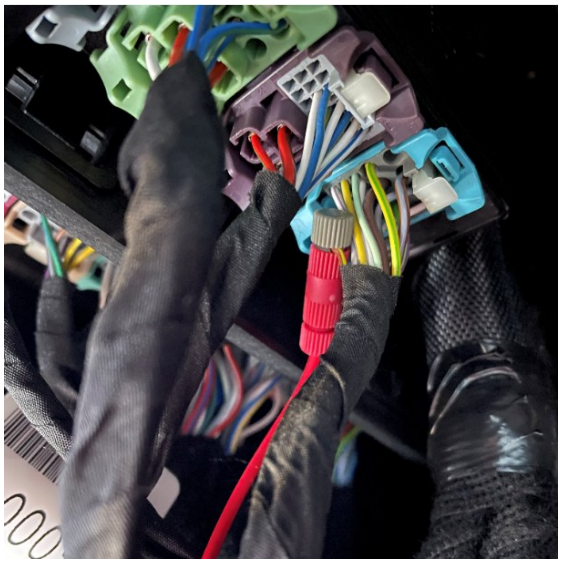
Remove the red cap on the posi-tap.



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.

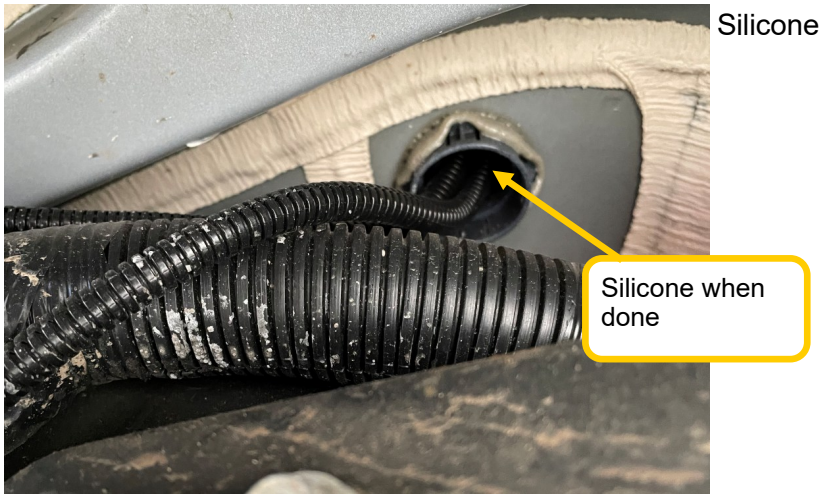


Step 4: Locate the OEM floor grommet by lifting up the carpet on the driver's side.

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.



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



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.

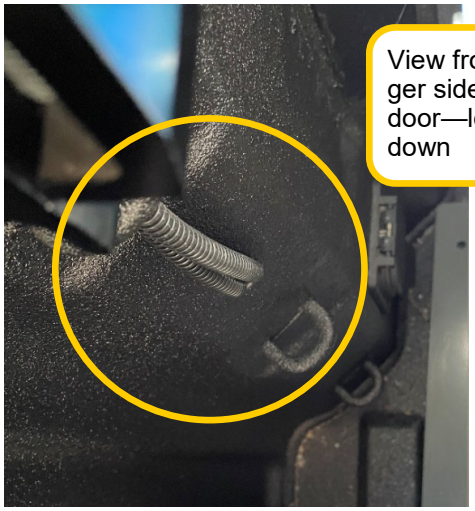
Continue routing the harness upward in the bed cavity, to the bed wire pass thru area.

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.

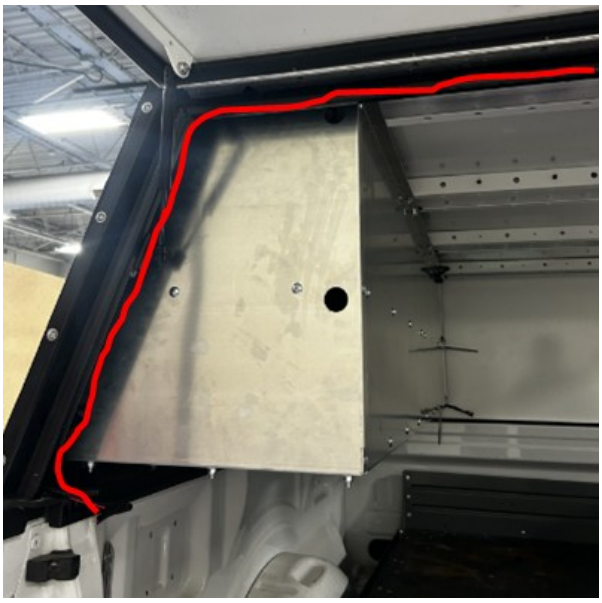
DO NOT secure wiring to any brake lines.



View from passenger side topper door—looking down

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







Step 6: Routing continued
Continue routing the brake light harness inside the topper, to the light.

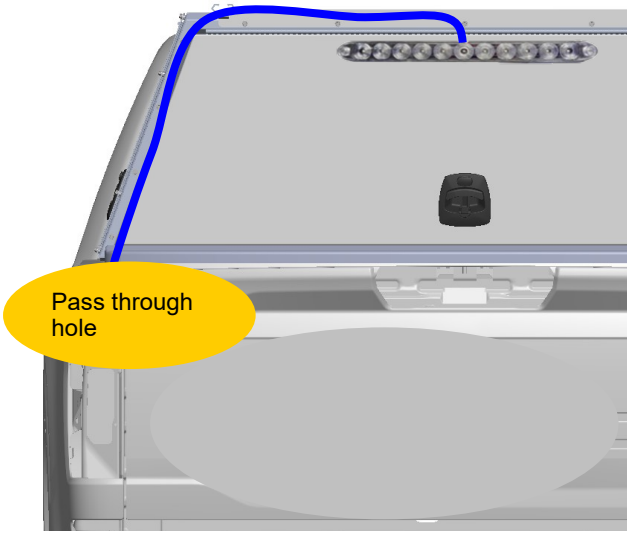
The harness should run along the driver's side rear cavity, then across the top cavity to the light (Red and blue lines shown in pictures.

Be sure to leave extra wire from the brake light to the topper rails before securing. This ensures the wires wont brake 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

Table of Contents:

Page 1: Cover Page/Introduction 1
Section 1: TOC & Safety Precautions Information 2
Section 2: Cable Kit Part Identification 3
Section 3: Tools Needed & Fastener ID/Torque Table 4
Section 4: General Vehicle Layout 6
Section 5: General Wiring Diagram 7
Section 6: Vehicle Integration 8-16
Section 7: Test and Check 17

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:



1. Insulated Splice Crimper
2. Wire Strippers
3. Diagonal Cutters
4. Drill driver
5. Phillips Bit with 9/16" Drill driver bit
6. 3/4" Hole or Step Drill (Unibit)
7. Sockets:
   - 10mm
   - Socket driver and extensions

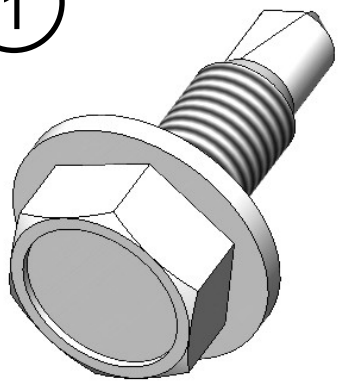
Figure 4-1: Tools Needed for Installation

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

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

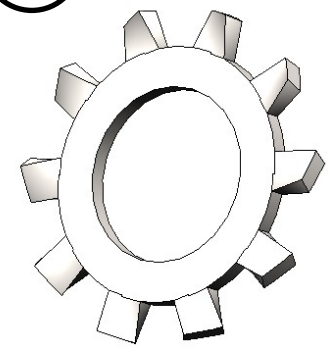
ITEM NO.	ASC PN	Description	PCS	Torque Range	Use Wrench or Size
1	FAS0641	¼" HH Self tapper	1		7/16"
2	FAS0066	¼"Star tooth Washer Galv.	1	—	—
3	Ground Stud Fastener (Used for RAM 1500 only)	10mm Nut	1	12Nm [+/- 1.2Nm] (106 lb.in).	10mm NUT

1

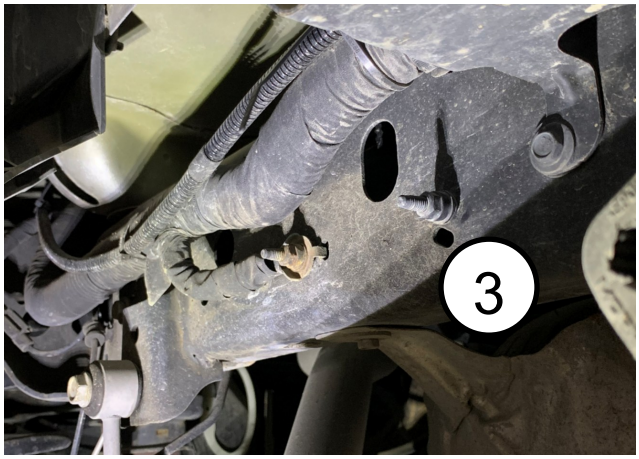


Used for 2500/3500 Only

2

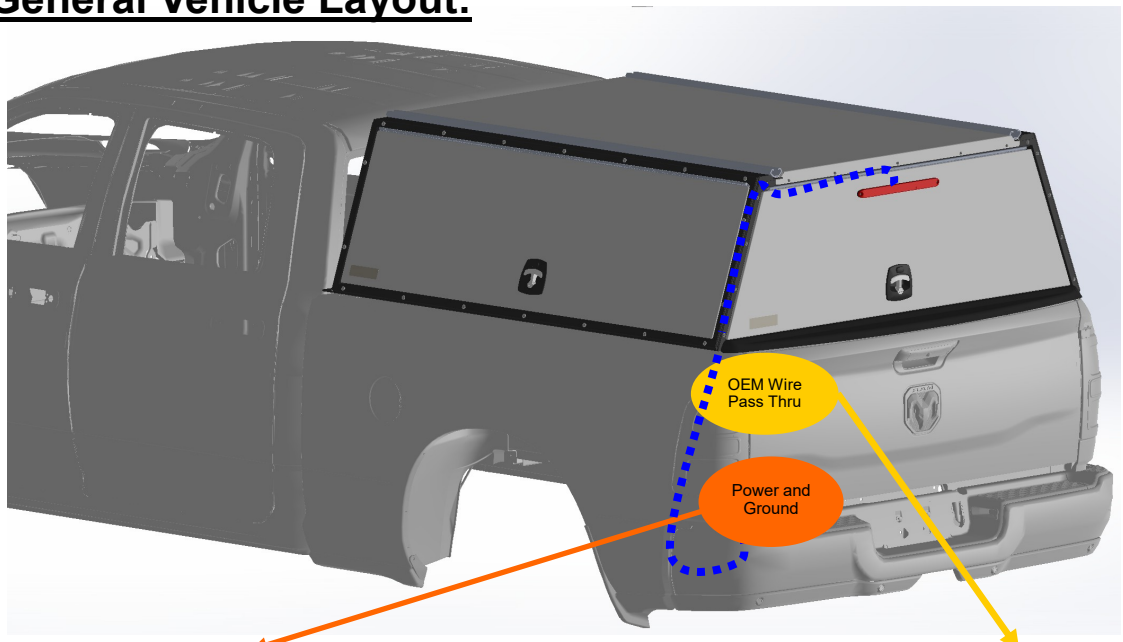


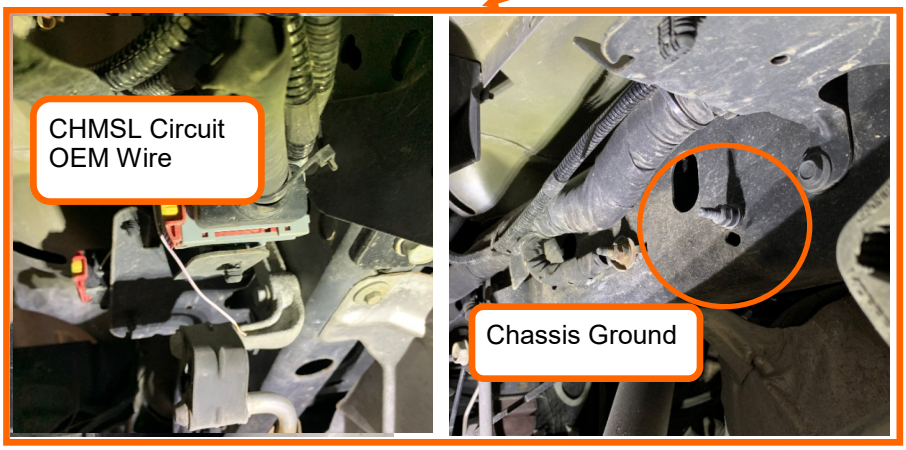
Used for Grounding to Chassis

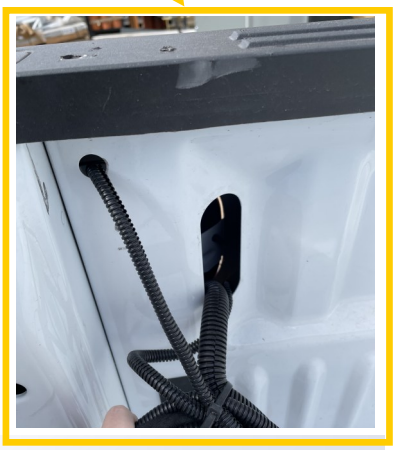


RAM 1500 Only

Section 4: General Vehicle Layout:



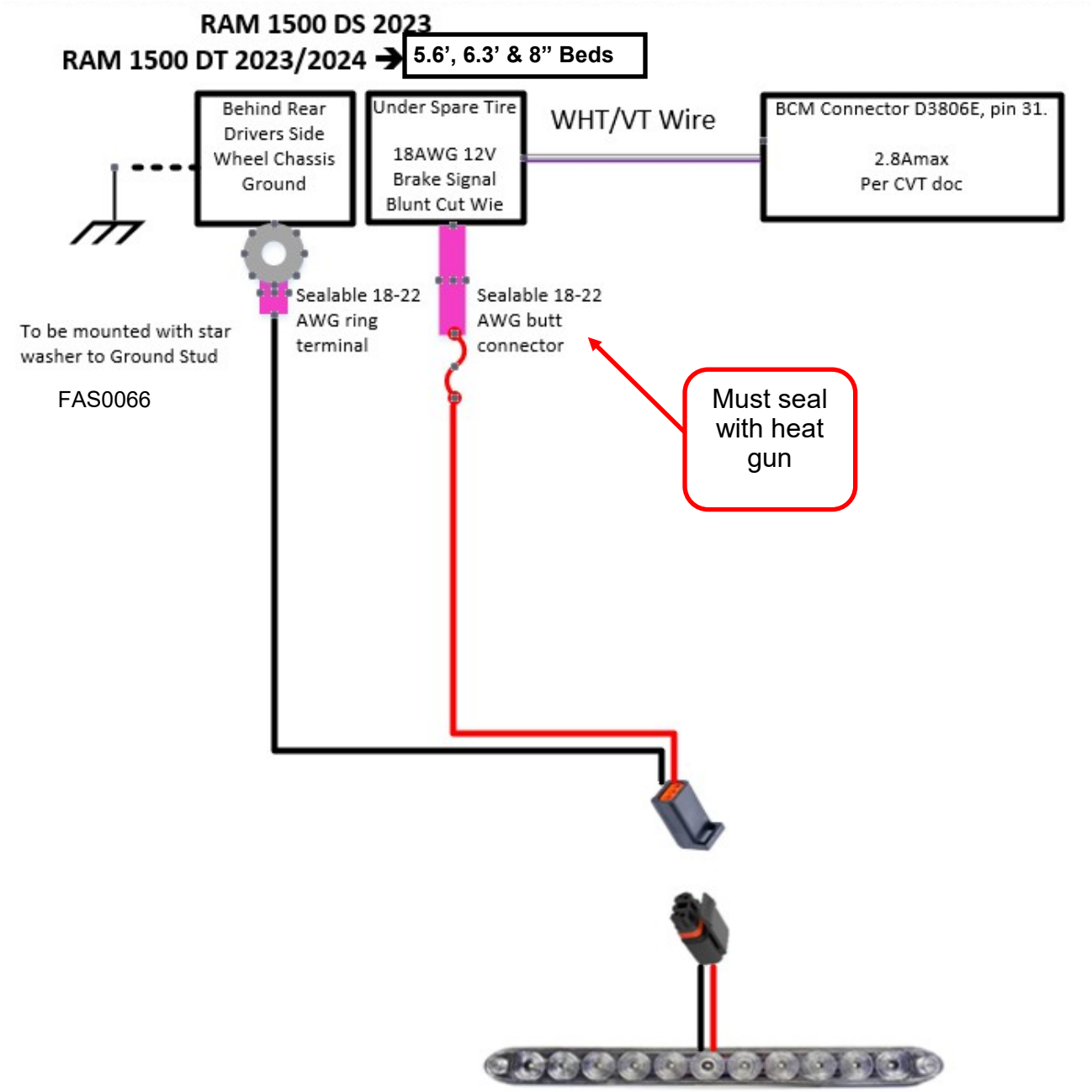




Color	Key - Items
Orange	Power and Ground Location
Blue	Harness Routing
Yellow	Bed Wire Pass Thru



Section 5: General Wiring Diagram:



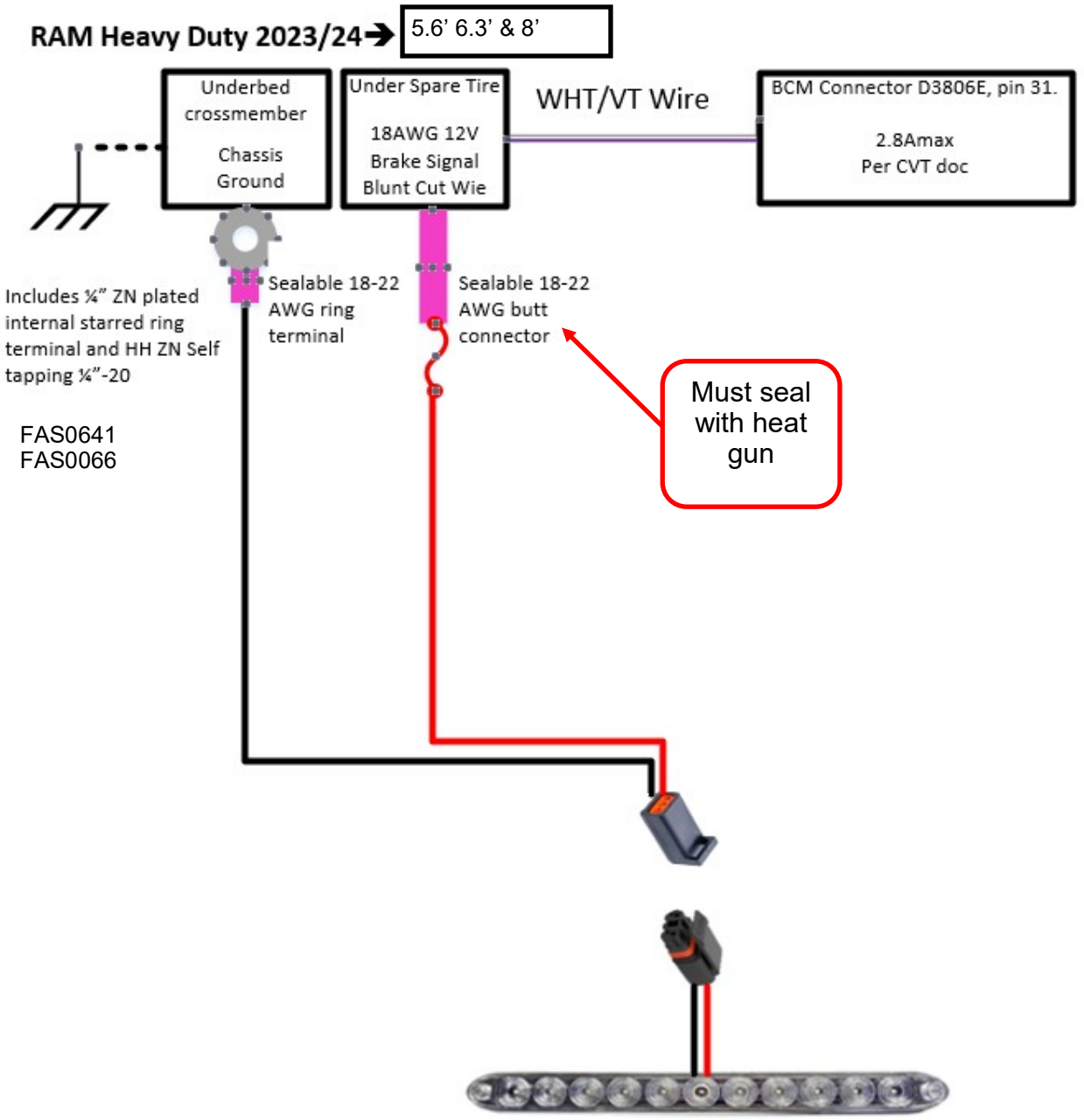
RAM 1500 DS 2023

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

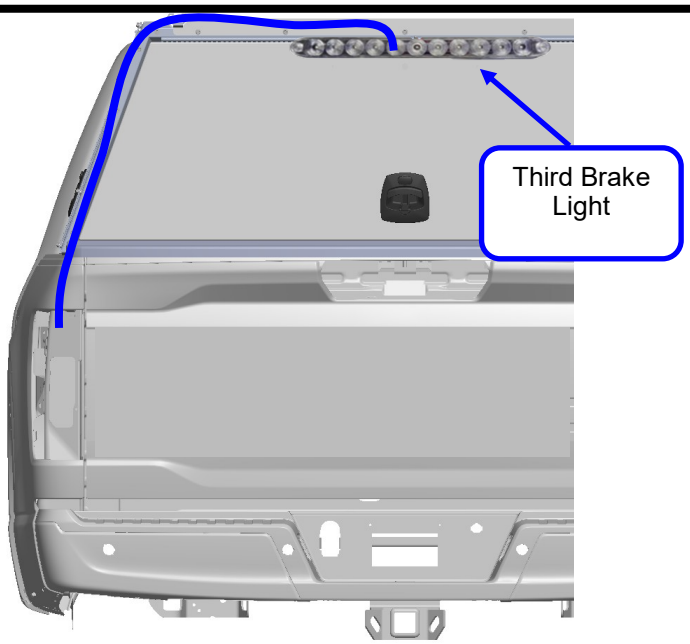
Figure 5-1: Wiring Diagram

Section 6: Vehicle Integration

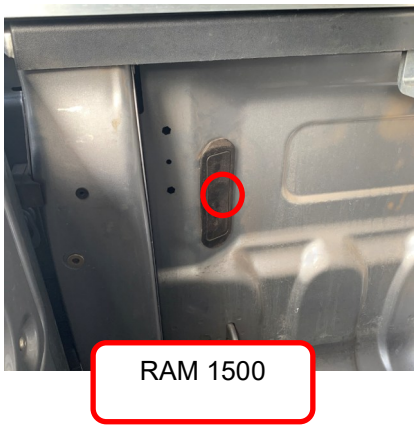


Step 1: Locate the brake light harness 72914.

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.

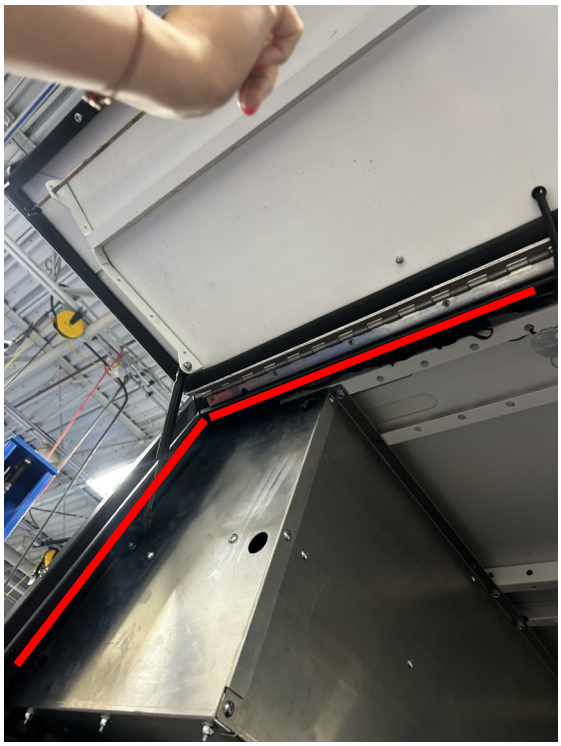




Step 3: Locate OEM grommet cover located in the truck bed wall on the driver side.

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.



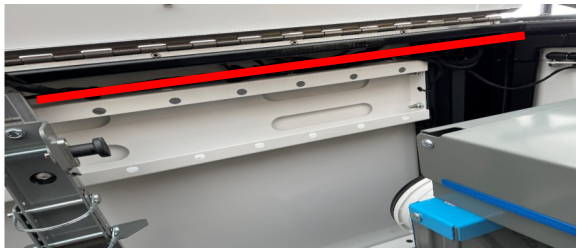
Step 4: Routing (refer to routing diagram at beginning of instructions).
Once connection of the brake light and harness are made, use the push-click-pull method to ensure positive locking of the connector.

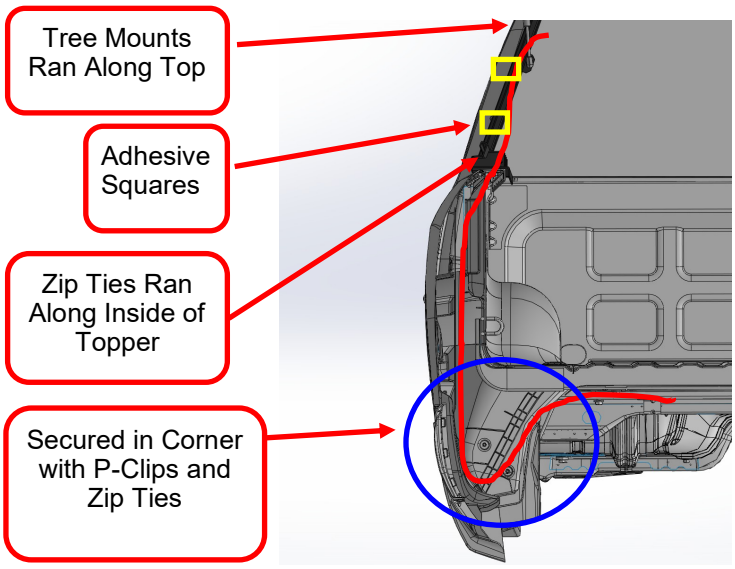
Following the images to the left, begin to route the harness towards the grommet cover.
Continue routing the brake light harness inside the topper. The harness will be roughly routed from the brake light directly towards the driver side door of the topper and routed down as shown in the image.

Be sure to leave extra wire from the brake light to the topper rails before securing. This ensures the wires wont 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).





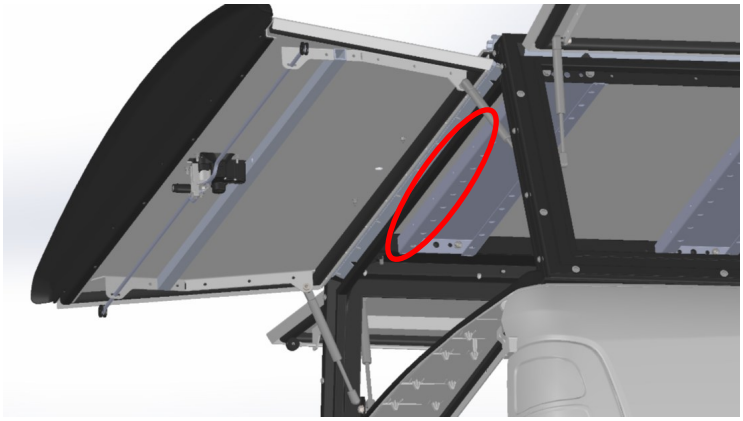


Step 5: Begin to secure the harness using provided zip ties and stud mount zip ties where necessary. Ensure the harness is taut. Once the harness is secured running along the inside of the driver side, drop the harness down the D-pillar of the vehicle, through the grommet cover.

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.

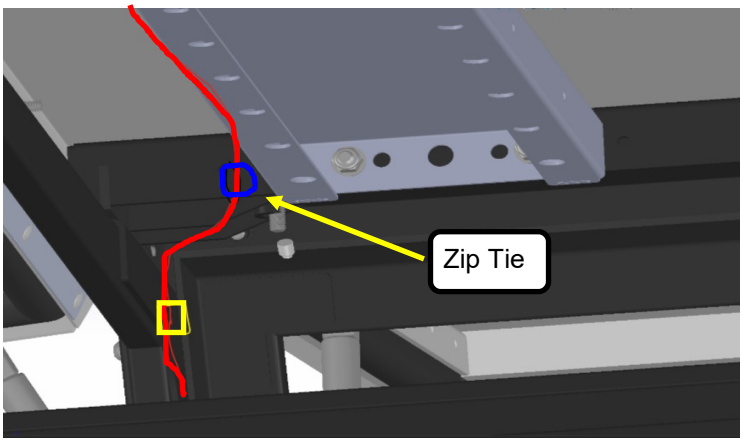
*** Use image as reference only. Drill p-clip into bed crossmember and do not drill into bed floor.



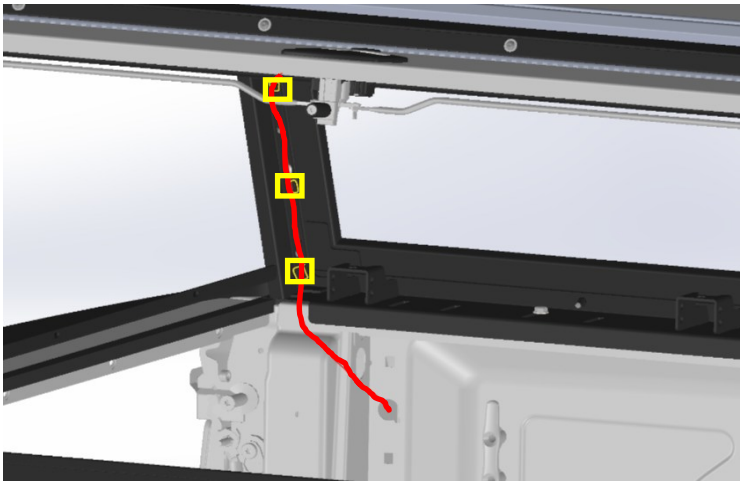
Step 5 Cont. :

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

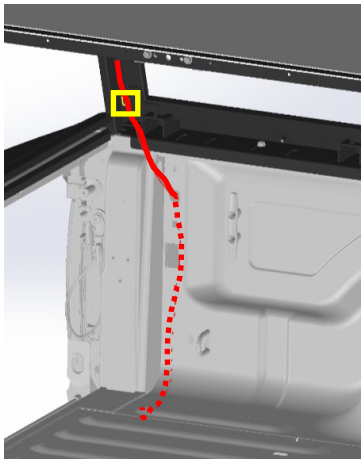
As shown in the first image to the left, route wire harness along first roof bow utilizing tree mounts and zip ties.



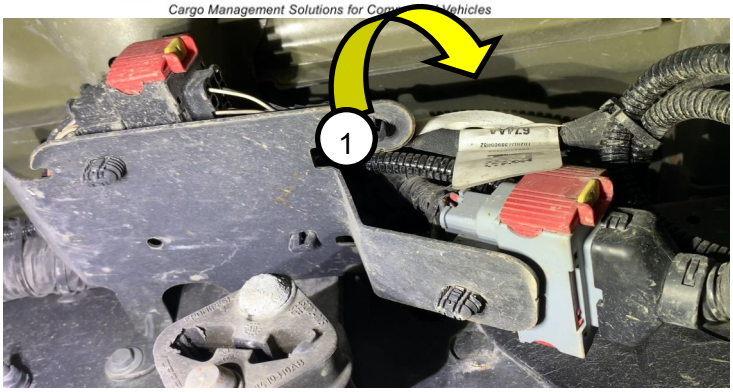
Once harness is secured along first roof bow, locate the first hole running along the driver's side wall, indicated in the 2nd image. Using a zip tie, secure the harness in the first hole. Ensure the harness is avoiding all sharp edges, as well as not too taut to damage the harness.

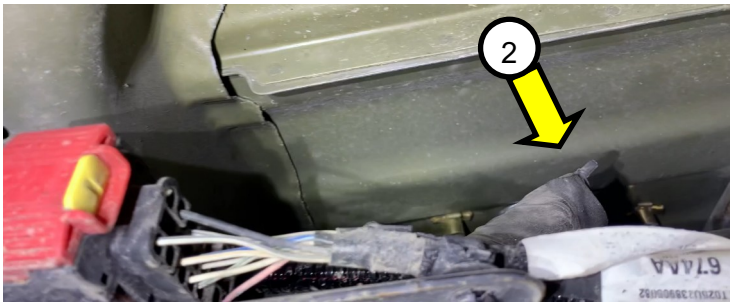


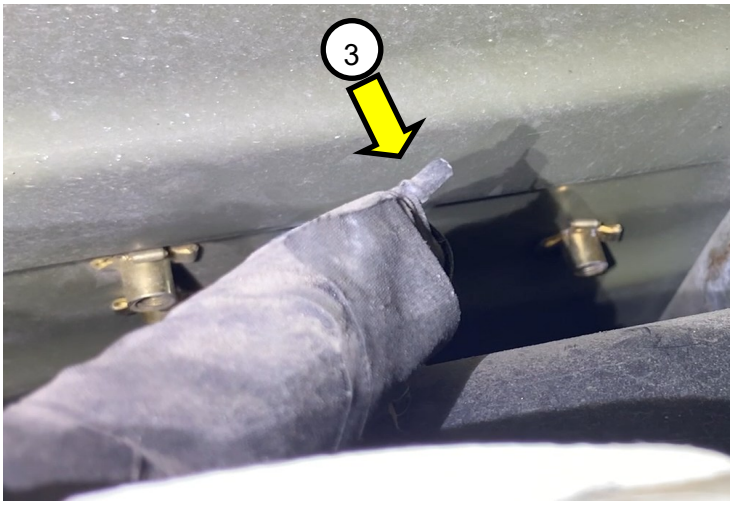
Install stud-mount zip ties along the inside edge of the topper, as shown in the third image. Route the harness along the inside edge and secure it to the stud-mount zip ties.



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.

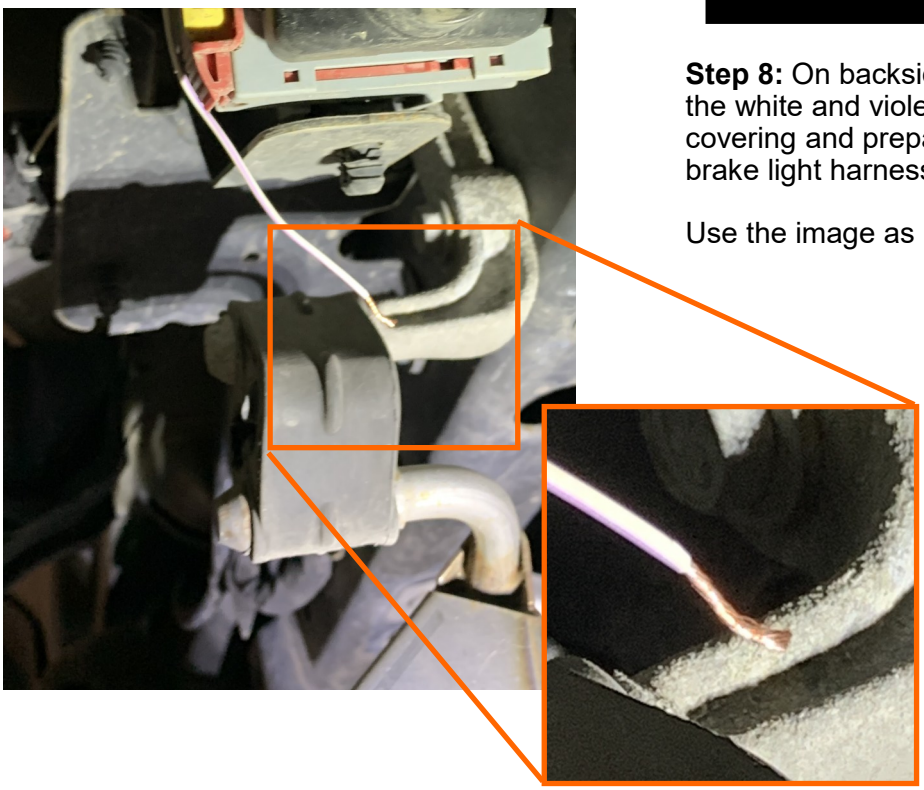
Look around the topside of the harness connections and follow the part of the harness that goes toward the center of the vehicle (towards the curb side) [See yellow arrow 1].

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.



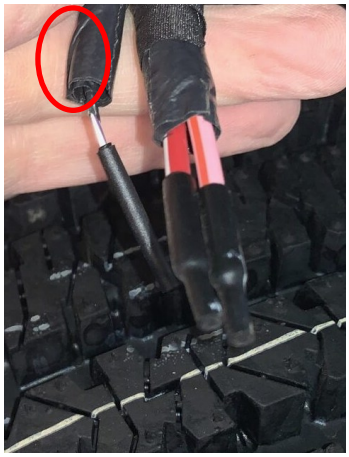


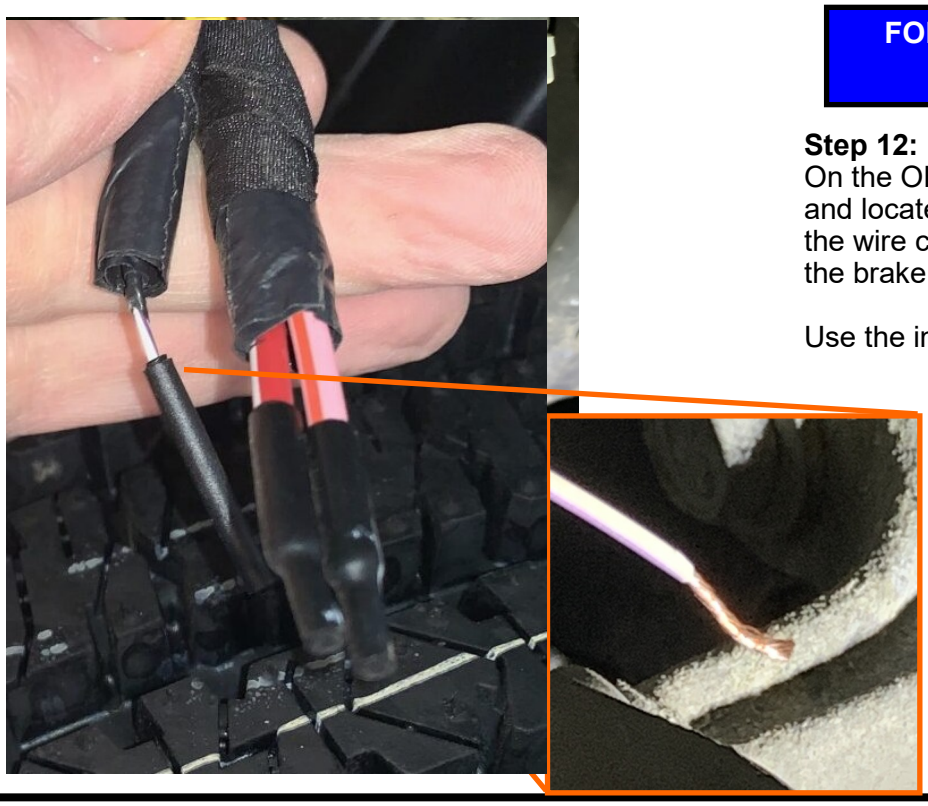
FOLLOW INSTRUCTIONS FOR RAM 2500/3500

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.

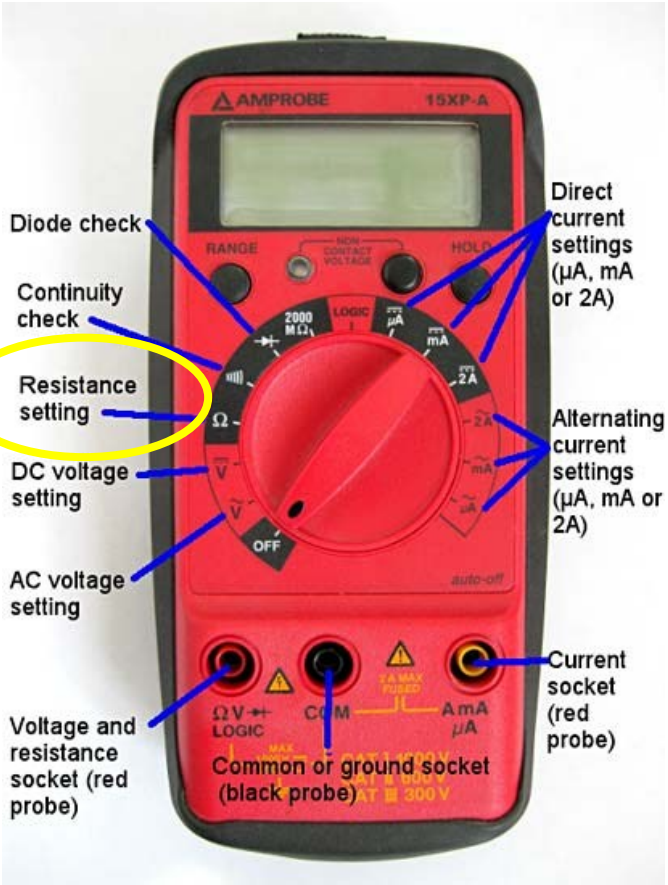
1pc - ¼" HH Self tapper FAS0641
1 pc - ¼"Star tooth Washer Galv. FAS0066



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.

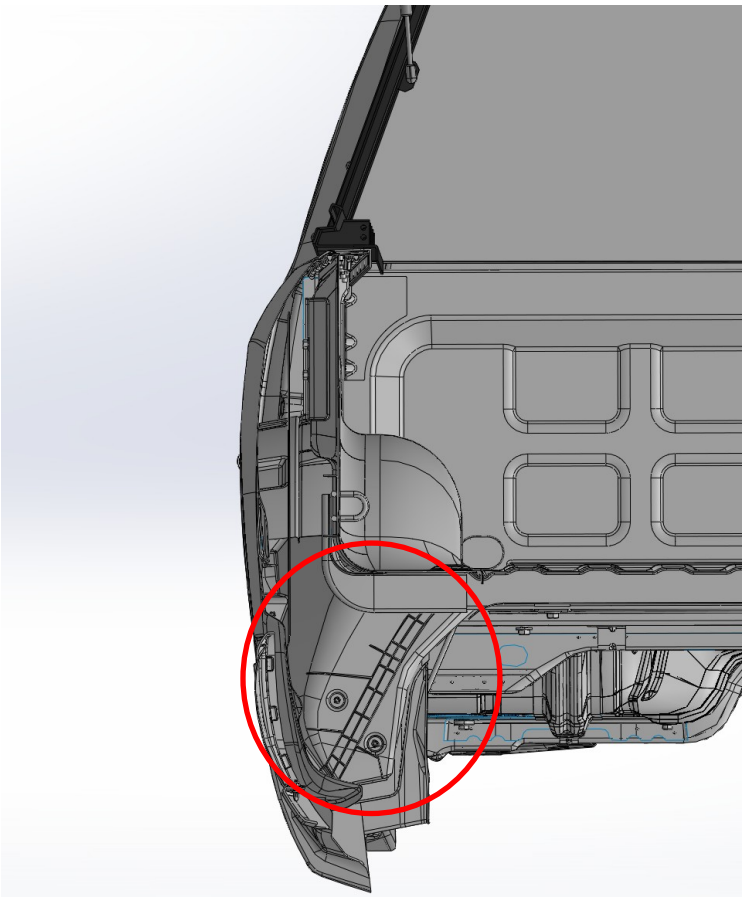


How to check for good ground:

- 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! ***