



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

ALUM. TOPPER, W/ SIDE DOORS AND HINGED REAR DOOR

PRODUCT WEIGHT

200 LBS

WIDTH X DEPTH X HEIGHT

70" X 23.9" X 86.1"

CAPACITY

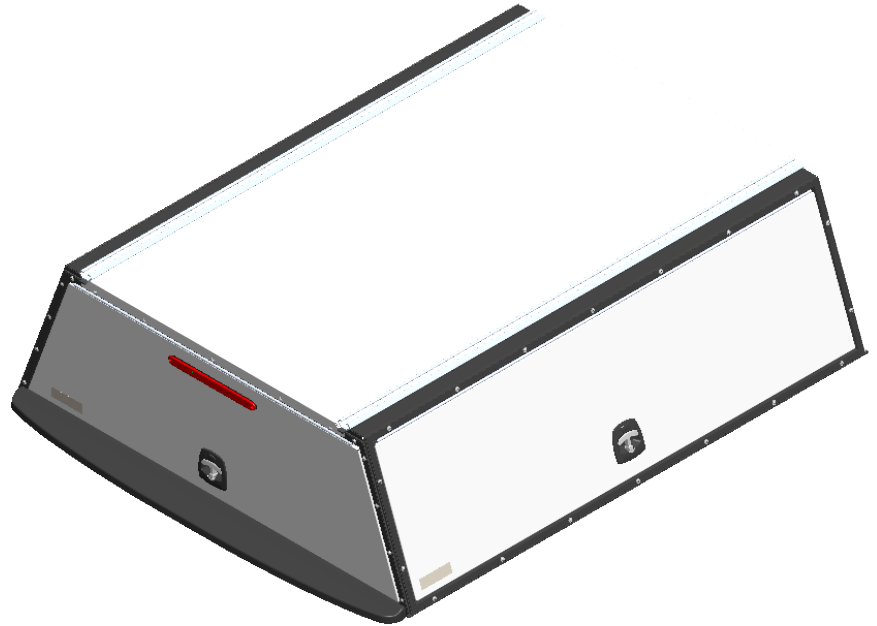
400# ROOF CAPACITY

COLOR

**WHITE PANELS
BLACK TRIM**

CATALOG NUMBER

TFKFDT178HM23W



PRODUCT FEATURES

THIS IS ADRIAN STEEL'S STANDARD ALUMINUM TOPPER FOR 6.5' BED F-150 PICKUPS. PLEASE NOTE THAT THIS IS DESIGNED TO FIT THE 2022 TO CURRENT YEAR M.Y. PICKUP BEDS.

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 PAGES 2-4 FOR OTHER PRODUCTS THAT WORK WITH THIS UNIT.



**ALUM. TOPPER, W/ SIDE DOORS AND
HINGED REAR DOOR**

CATALOG NUMBER TFKFDT178HM23W

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).**

**WHEN TOOLBOXES ARE PRESENT ON BOTH SIDES,
THE "AISLE" BETWEEN IS APPROX. 31".**

CATALOG NUMBER	DESCRIPTION (smart)
INTERIOR TOOLBOX COMPONENTS	
TTBBK177520	TBOX, BODY KIT, 177520
TTBSDK1720	TBOX, SPL DIV KIT, 1720
TTBSK1737	TBOX, SHELF KIT, 1737
TTBSK1775	TBOX, SHELF KIT, 1775
TTBTDK1720	TBOX, TALL DIV KIT, 1720
INTERIOR TOOLBOX CONFIGURATIONS (REFER TO WEBSITE)	
TTB177520C01	TBOX CONFIG, 01
TTB177520C02	TBOX CONFIG, 02
TTB177520C03	TBOX CONFIG, 03
TTB177520C04	TBOX CONFIG, 04
TTB177520C05	TBOX CONFIG, 05
TTB177520C06	TBOX CONFIG, 06
TTB177520C07	TBOX CONFIG, 07
TTB177520C08	TBOX CONFIG, 08
TTB177520C09	TBOX CONFIG, 09
TTB177520C10	TBOX CONFIG, 10
TTB177520C11	TBOX CONFIG, 11

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time with prior notification.



**ALUM. TOPPER, W/ SIDE DOORS AND
HINGED REAR DOOR**

CATALOG NUMBER TFKFDT178HM23W

LADDER RACK 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
PLSDPSLT5W	PROLIFT,STD,PS,LOW T,5,W
PLSDDSLT5W	PROLIFT,STD,DS,LOW T,5,W
PLMDPSLT5W	PROLIFT,MAX,PS,LOW T,5,W
PLMDDSLT5W	PROLIFT,MAX,DS,LOW T,5,W
PLMDPSMT5W	PROLIFT,MAX,PS,MID T,5,W
PLMDDSM5T5W	PROLIFT,MAX,DS,MID T,5,W
GL-CVPS	GRIP LOCK,COMPACT VAN,PS
GL-CVDS	GRIP LOCK,COMPACT VAN,DS
LADDER RACK KITS	
PLS61LT5	PROLIFT SGL STD DR 5' TOP
PLS63LT5	PROLIFT DBL STD DR 5' TOP
PLS64LT5	PROLIFT CMB STD DR 5' TOP
PLS65LT5	PROLIFT-UT CMB SDR 5' TOP
GL61LT5	SGL GL,6'2"-6'10" TOP
GL63LT5	DUAL GL,6'2"-6'10" TOPPER
2B6TOPW	2-BAR UTY RK TOP 6" UPRT
PLM61LT5	PROLFT SGL SIDE MAX 5'
PLM63LT5	PROLFT DUAL SIDE MAX 5'

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time with prior notification.

**ALUM. TOPPER, W/ SIDE DOORS AND
HINGED REAR DOOR****CATALOG NUMBER TFKFDT178HM23W****ELECTRICAL ACCESSORIES THAT WILL WORK WITH THIS PRODUCT**

CATALOG NUMBER	DESCRIPTION (smart)
LIGHITNG KITS	
72548	COMPLETE PLUG & PLAY LIGHTING KIT: 2 DOME, 3 STRIP
72607	COMPLETE PLUG & PLAY KIT: 3 STRIP LIGHTS
72604	PLUG & PLAY STRIP LIGHT KIT: 1 REAR DOOR
72606	PLUG & PLAY STRIP LIGHT KIT: 1 DRIVER DOOR
72605	PLUG & PLAY STRIP LIGHT KIT: 1 PASSENGER DOOR
E-LOCK KITS	
TELH05	E-LOCK CREW,PASS,6.75 [USE WITH CREW CAB]
TELH09	E-LOCK REG,PASS,6.75 [USE WITH REGULAR CAB]

INSTR.
NUMBER : **71622**

PG:
1

REV:
V

PART
NUMBER : **TFK__T178HM23W**

PART
DESC. : ASM INS, TFK__T178HM23W

BOM FOR 6.5' F-150

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK78M23W	TOP, SIDE KIT,78",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK7823W	TOP, ROOF KIT,78",23,W	1
4	THKFDT178M23	HDW KIT, TFKFDT178HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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

BOM FOR 6.5' SILVERADO 1500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK78M23W	TOP, SIDE KIT,78",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK7823W	TOP, ROOF KIT,78",23,W	1
4	THKGMT178M23	HDW KIT, TFKGMT178HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1
19	81552-W	INTERIOR, LGT MAG BRKT, WHITE	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH02**

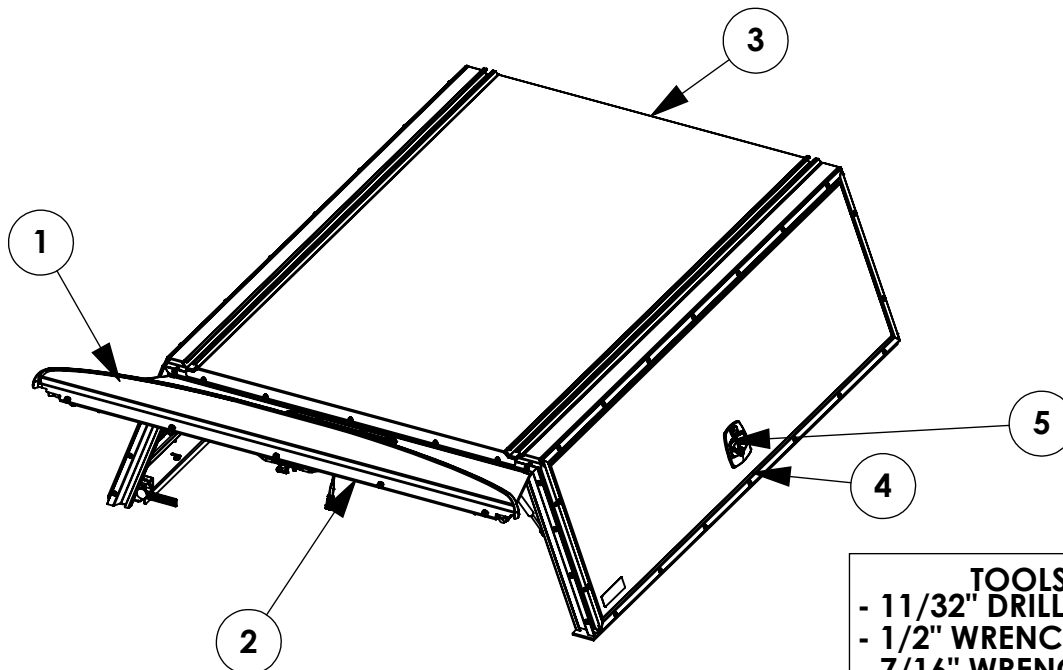
NOTE: THESE INSTRUCTIONS ARE VALID FOR ALL TFK FULL TOPPER KITS. A FEW BOM KITS ARE SHOWN FOR REFERENCE ONLY.

INSTRUCTIONS SHOWS F-150 BODY DURING INSTALLATION

FASTENER AND HOLE COUNTS MAY BE DIFFERENT BETWEEN TOPPER KITS.

**E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER**

EXAMPLE: TFKFDT178HM23W BECOMES TFKFDT178HE23W



TOOLS NEEDED:

- 11/32" DRILL BIT
- 1/2" WRENCH & SOCKET
- 7/16" WRENCH
- M10 SOCKET
- M8 SOCKET
- M4 ALLEN
- 3/16" ALLEN
- 5/32" ALLEN
- DRIVE RATCHET / IMPACT
- SCISSORS
- TAPE MEASURE
- ALIGNMENT PUNCH
- 1/4" RIVET TIP

INSTR.
NUMBER : 71622

PG:
2

REV:
V

PART
NUMBER : TFK__T178HM23W

PART
DESC. : ASM INS, TFK__T178HM23W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

BOM FOR 6.3' RAM

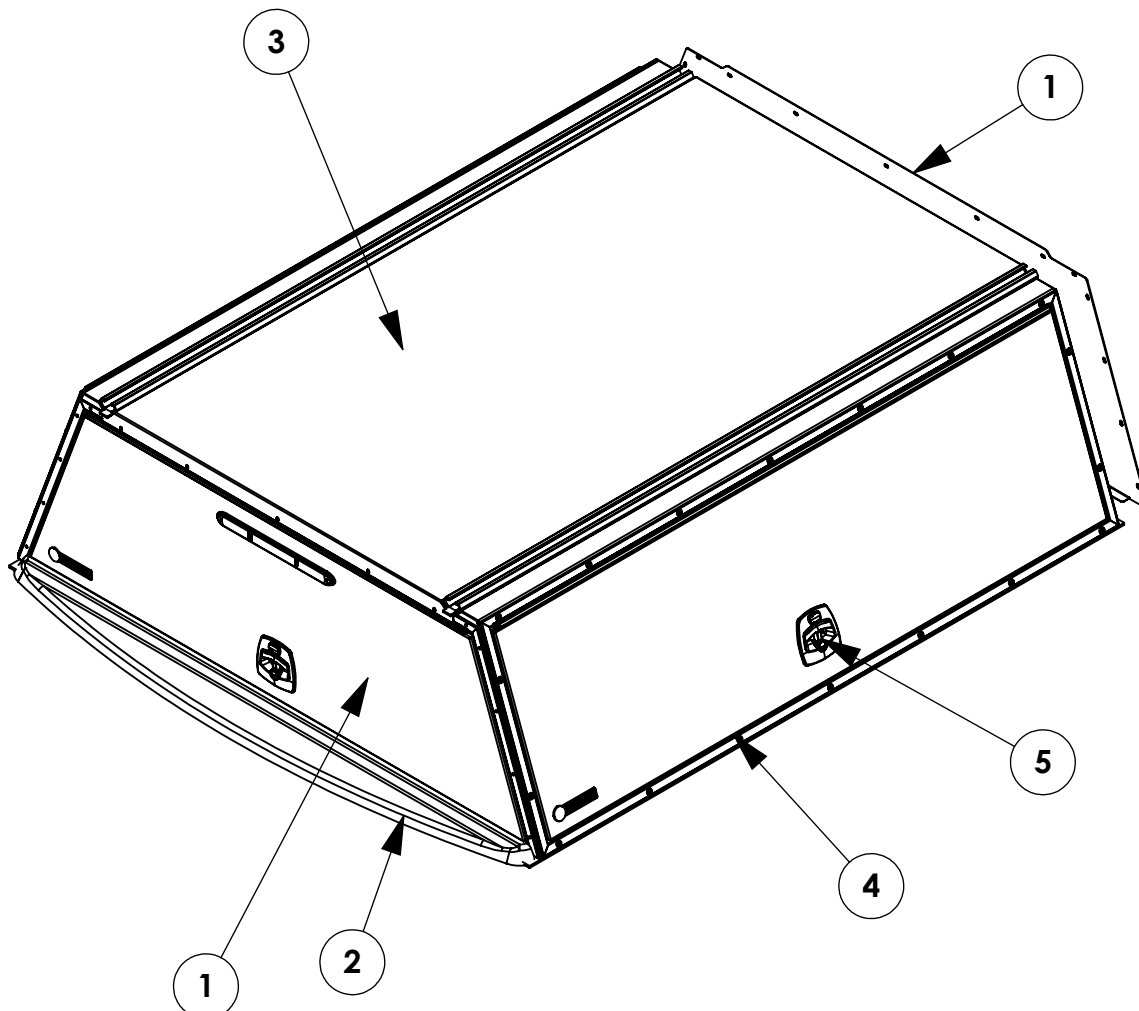
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
2	THKRAM175M23	HDW KIT, TCKRAMT175HM23W	1
3	TRK7523W	TOP, ROOF PANEL KIT, RAM	1
4	TSK75M23W	TOP, SIDE KIT, 78" RAM	2
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH02**

BOM FOR 5.7' RAM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK66M23W	TOP, SIDE KIT,66",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK6623W	TOP, ROOF KIT,66",23,W	1
4	THKRAM167M23	HDW KIT, TFKRAM167HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** E-LOCK VERSION SWAP TMLHK WITH TELH01**



INSTR.
NUMBER : 71622

PG:
3

REV:
V

PART
NUMBER : TFK__T196HM23W

PART
DESC. : ASM INS, TFK__T178HM23W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

BOM FOR 8.0' 23" TALL FORD F-150, F-250, F-350

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKFDT196M23	HDW KIT, TFKFDT196HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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

BOM FOR 8.0' 23" TALL SILVERADO 1500, 2500, 3500

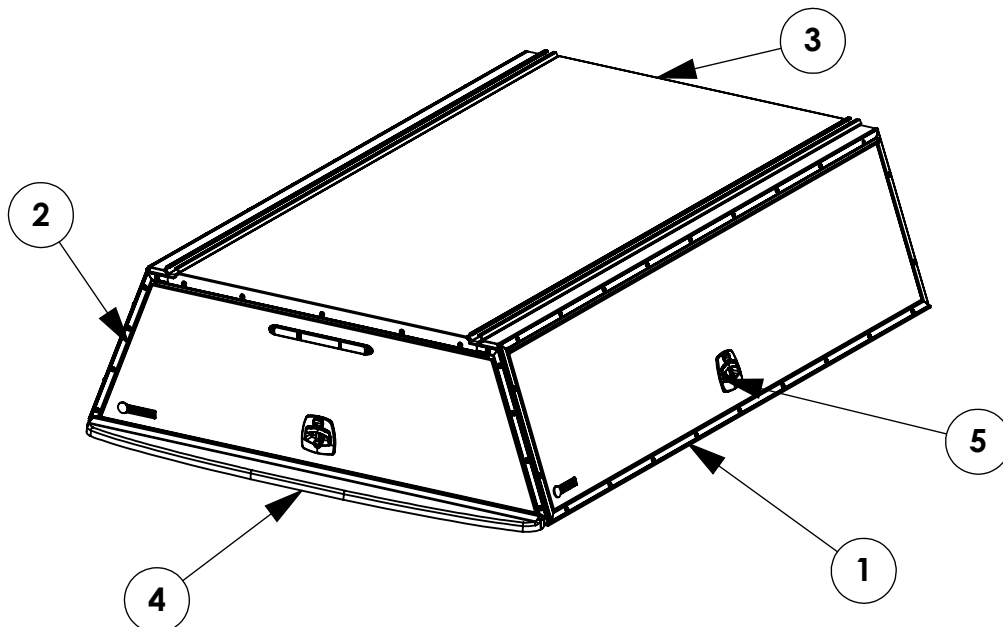
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKGMT196M23	HDW KIT, TFKGMT196HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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

BOM FOR 8.0' 23" TALL RAM 1500, 2500, 3500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKRAM196M23	HDW KIT, TFKRAM196HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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



INSTR. NUMBER : 71622	PG: 4	REV: V	BOM FOR 8.0' 26" TALL FORD F-150, F-250, F-350			
			ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART NUMBER : TFK__T296HM26W			1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
			2	TCK80HM26W	TOP,CLOSE KIT,80",HM263,W	1
PART DESC. : ASM INS, TFK__T178HM23W			3	TRK9623W	TOP, ROOF KIT,96",23,W	1
			4	THKFDT296M26	HDW KIT, TFKFDT296HM26W	1
			5	TMLHK	Topper Mechanical Lock Hatch Kit	1

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

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

BOM FOR 8.0' 26" TALL SILVERADO 1500, 2500, 3500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TCK80HM26W	TOP,CLOSE KIT,80",HM263,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKGMT296M26	HDW KIT, TFKGMT296HM26W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

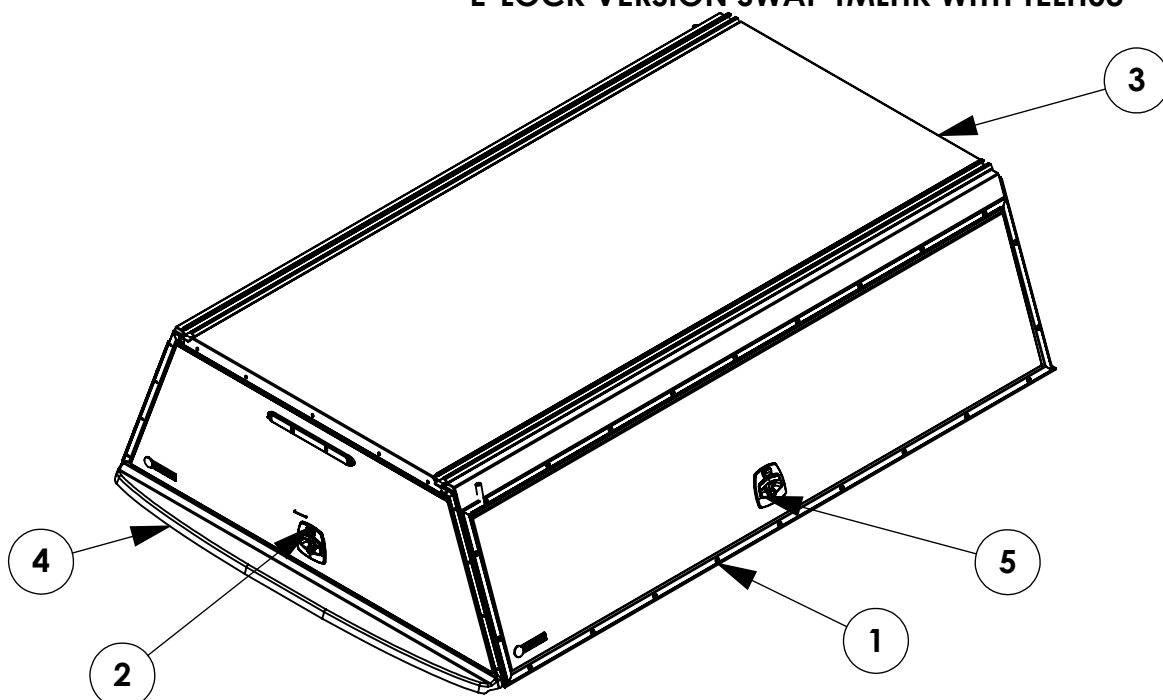
*** E-LOCK VERSION SWAP TMLHK WITH TELH03**



BOM FOR 8.0' 26" TALL RAM 1500, 2500, 3500
NOTE: SPECIAL ASSEMBLY INSTRUCTION SHOWN ON SHEET 20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TCK80HM26W	TOP,CLOSE KIT,80",HM263,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKRAM296M26	HDW KIT, TFKRAM296HM26W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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



INSTR. : 71622
NUMBER

PG: 5

REV: V

PART : TFKFDT166HM23W
NUMBER

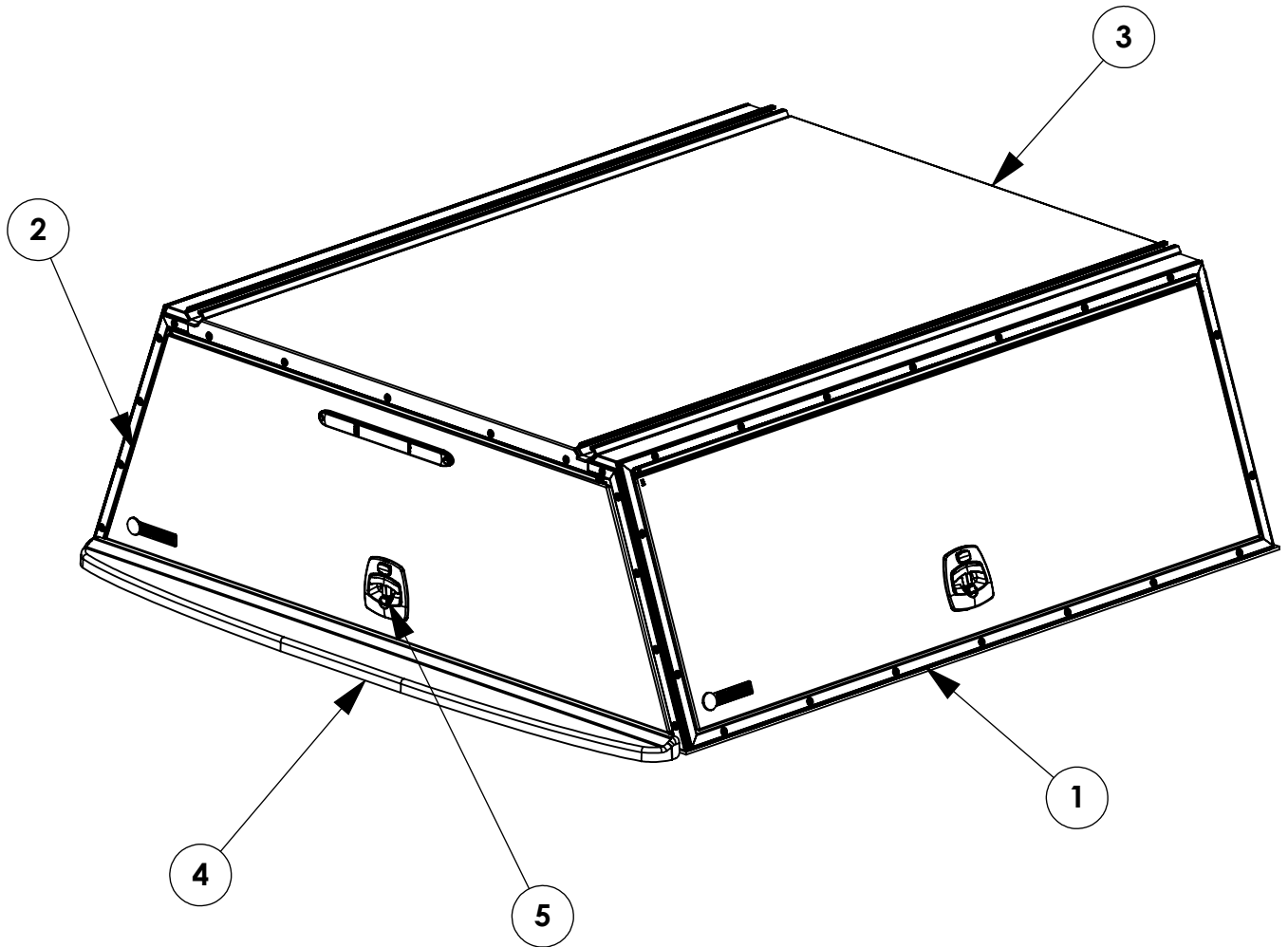
PART :
DESC. : ASM INS, TFK__T178HM23W

E-LOCK VERSION: TFKFDT166HE23W

BOM FOR 5.5' 23" TALL FORD F-150 LIGHTNING/ICE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK66M23W	TOP, SIDE KIT,66",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK6623W	TOP, ROOF KIT,66",23,W	1
4	THKFDT166M23	HDW KIT, TFKFDT166HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

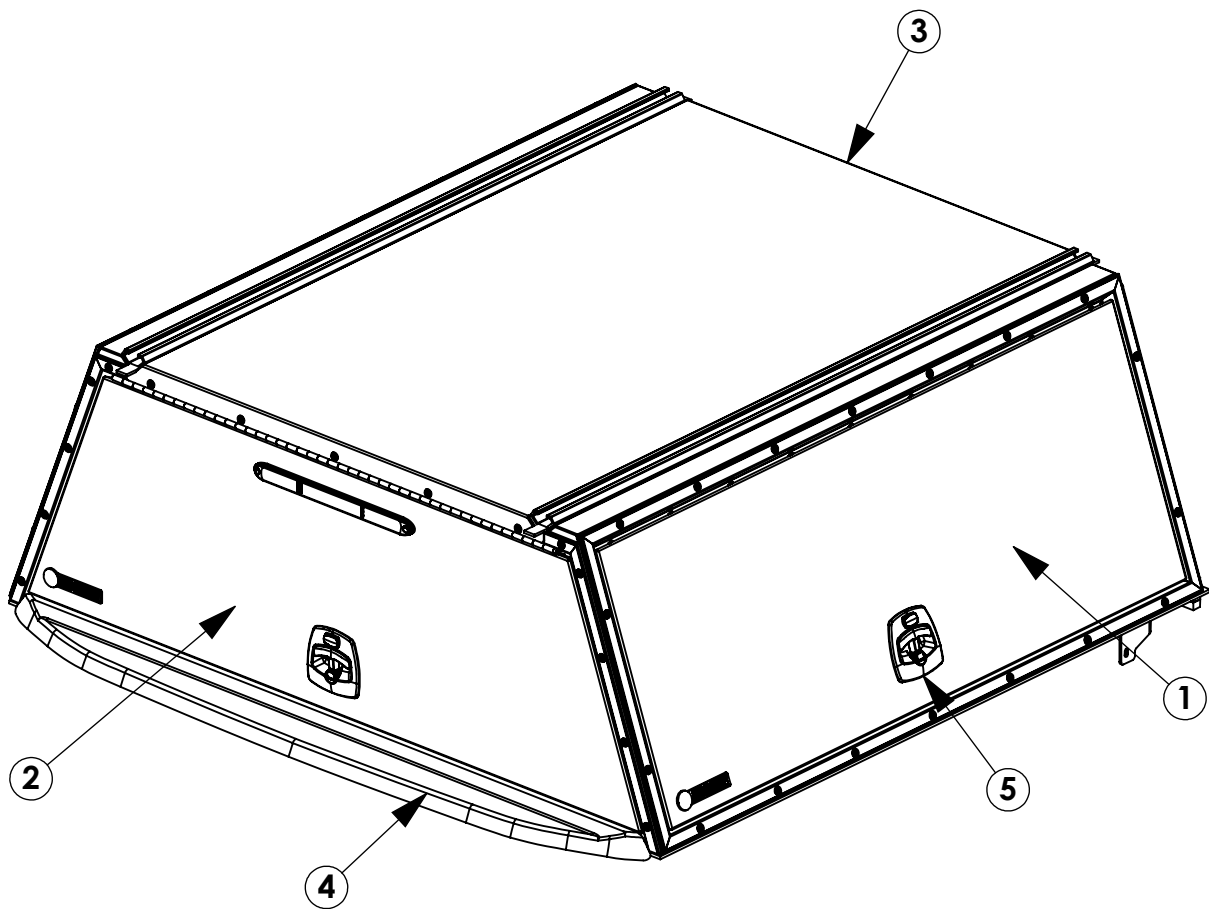
*** E-LOCK VERSION SWAP TMLHK WITH TELH04**



INSTR. : 71622		PG: 6	REV: V	BOM FOR 5' FORD RANGER			
PART : TFKRNG160HM23W				ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : TFKRNG160HM23W				1	TSKRNG60M23W	TOP, SIDE KIT,60", RANGER,M,23,W	2
PART : TFKRNG160HM23W				2	TCK72HM23W	TOP,CLOSE KIT,72",HM23,W	1
PART : TFKRNG160HM23W				3	TRK6023W	TOP, ROOF KIT,60",23,W	1
PART : TFKRNG160HM23W				4	THKRNG160M23	HDW KIT, TFKNFT172HM23W	1
PART : TFKRNG160HM23W				5	TMLHK	TOPPER MECHANICAL LOCK HATCH KIT	1

E-LOCK VERSION: TFKRNG160HE23W

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



INSTR.
NUMBER : **71622**

PG:
7

REV:
V

PART
NUMBER : **TFKNFT172HM23W**

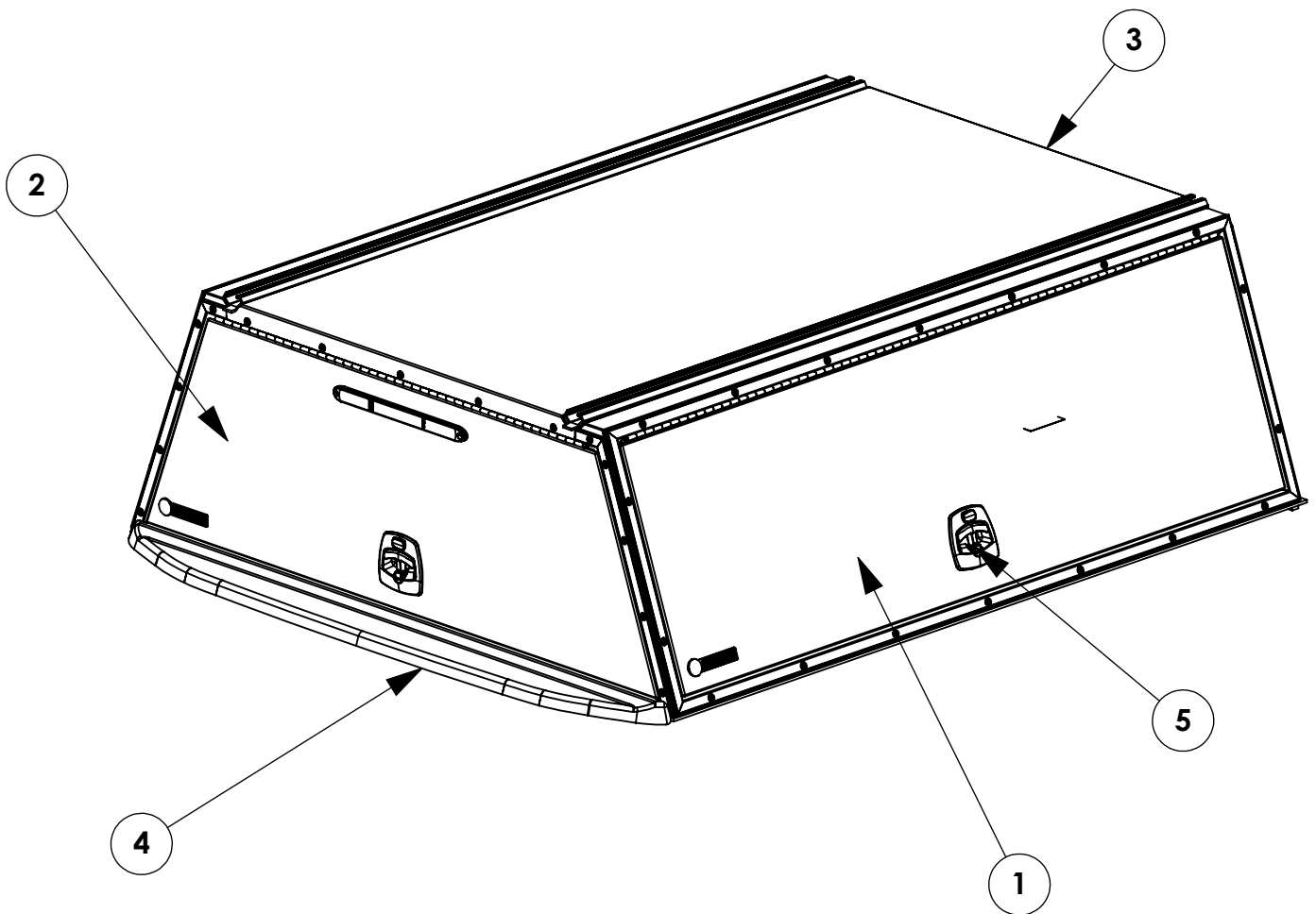
PART
DESC. : ASM INS, TFK__T178HM23W

E-LOCK VERSION: TFKNFT172HE23W

BOM FOR 6.0' 23" TALL NISSAN FRONTIER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK72M23W	TOP, SIDE KIT,72",M,23,W	2
2	TCK72HM23W	TOP,CLOSE KIT,72",HM23,W	1
3	TRK7223W	TOP, ROOF KIT,72",23,W	1
4	THKNFT172M23	HDW KIT, TFKNFT172HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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



INSTR.
NUMBER : 71622

PG:
8

REV:
V

PART
NUMBER : TFKNFT160HM23W

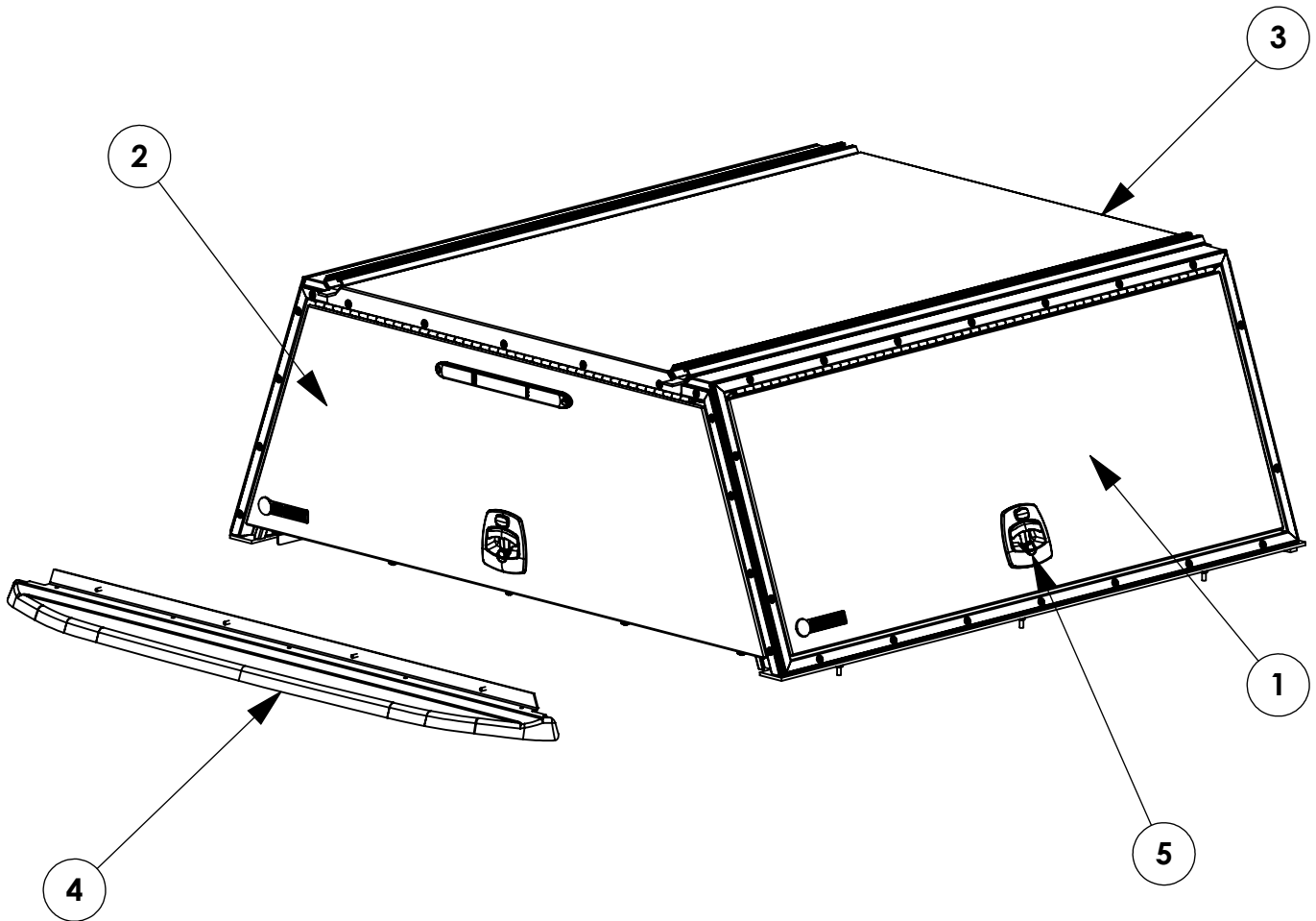
PART :
DESC. : ASM INS, TFK__T178HM23W

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

BOM FOR 5.0' 23" TALL NISSAN FRONTIER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK60M23W	TOP, SIDE KIT,60",M,23,W	2
2	TCK72HM23W	TOP,CLOSE KIT,72",HM23,W	1
3	TRK6023W	TOP, ROOF KIT,60",23,W	1
4	THKNFT172M23	HDW KIT, TFKNFT172HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

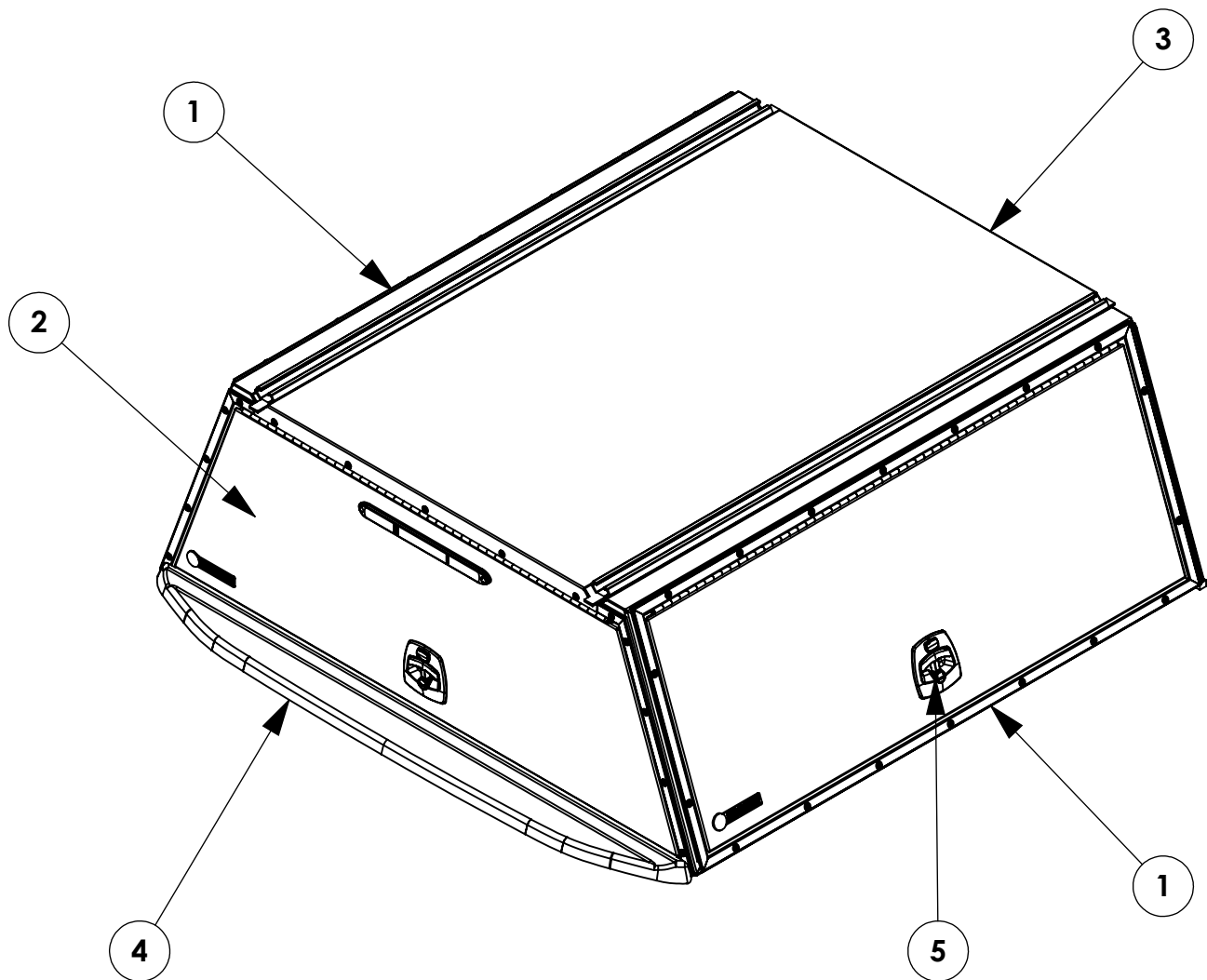
*** E-LOCK VERSION SWAP TMLHK WITH TELH04**



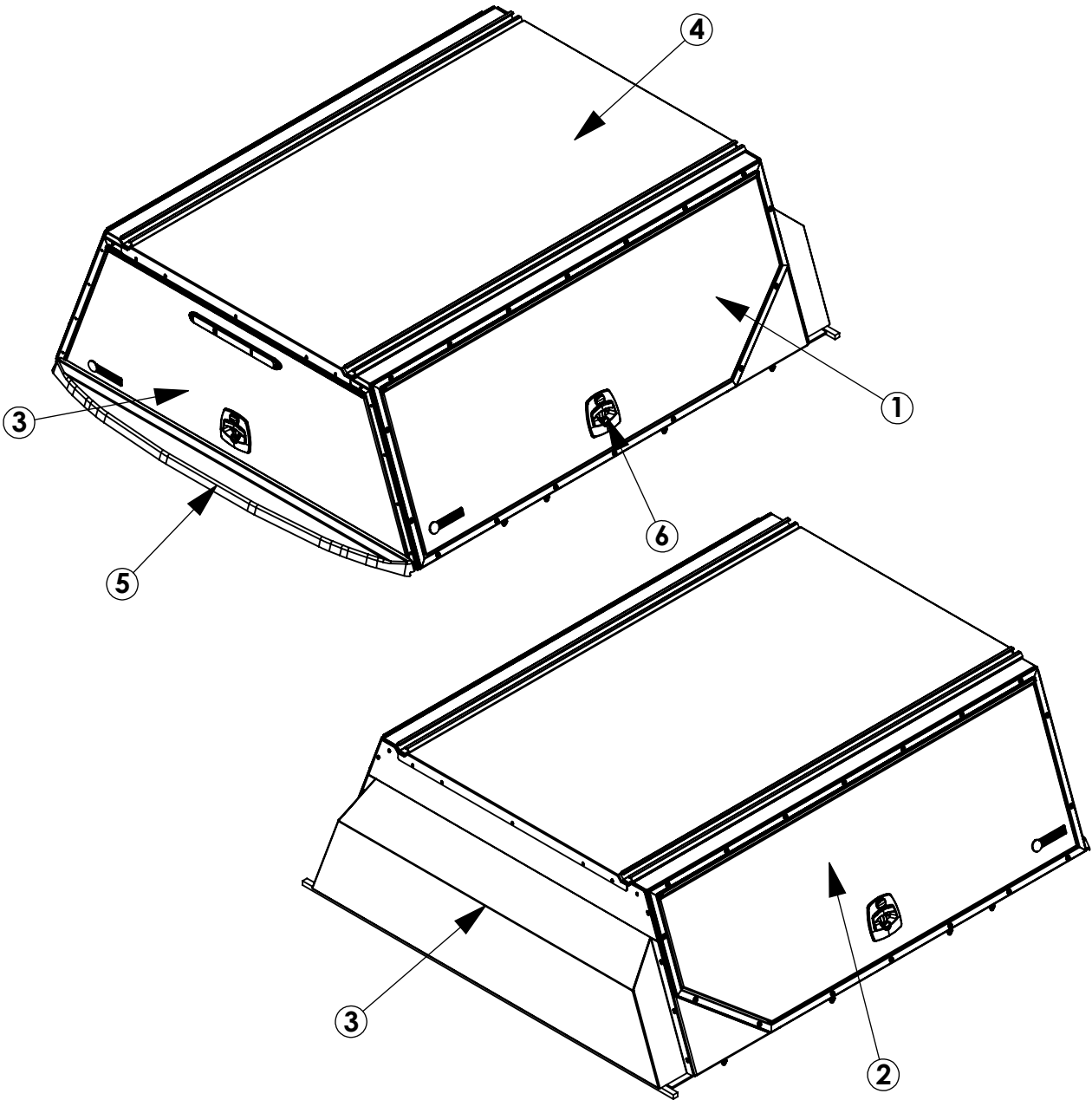
INSTR. : 71622		PG: 9	REV: V	BOM FOR 5.1' 23" TALL COLORADO		
PART : TFKNFT160HM23W		ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	
PART : ASM INS, TFK__T178HM23W DESC. :		1	TSKCOL60M23W	TOP, SIDE KIT,60",M,23,W	2	
		2	TCK72HM23W	TOP,CLOSE KIT,72",HM23,W	1	
		3	TRK6123W	TOP, ROOF KIT,61",23,W	1	
		4	THKCOL60M23	HDW KIT, TFKCOL160HM23W	1	
		5	TMLHK	Topper Mechanical Lock Hatch Kit	1	

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

* E-LOCK VERSION SWAP TMLHK WITH TELH04



INSTR. : 71622		PG: 10	REV: V	BOM FOR 69" 23" TALL SILVERADO EV 1500			
PART : TFKGME169HM23W				ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
				1	TSK69M23WPS	TOP, SIDE KIT,SILVERADO EV, 69", PS	1
PART : ASM INS, TFKGME169HM23W				2	TSK69M23WDS	TOP, SIDE KIT,SILVERADO EV, 69",DS	1
E-LOCK VERSIONS: SWAP M WITH E IN PART NUMBER EXAMPLE: TFKFDT178HM23W BECOMES TFKFDT178H<u>E</u>23W				3	TCKGMEHM23W	TOP,CLOSE KIT,SILVERADO EV,HM23,W	1
				4	TRKGME6923W	TOP, ROOF KIT,69",23,W	1
				5	THKGME169M23	HDW KIT, TFKGME169HM23W	1
				6	TMLHK	Topper Mechanical Lock Hatch Kit	1



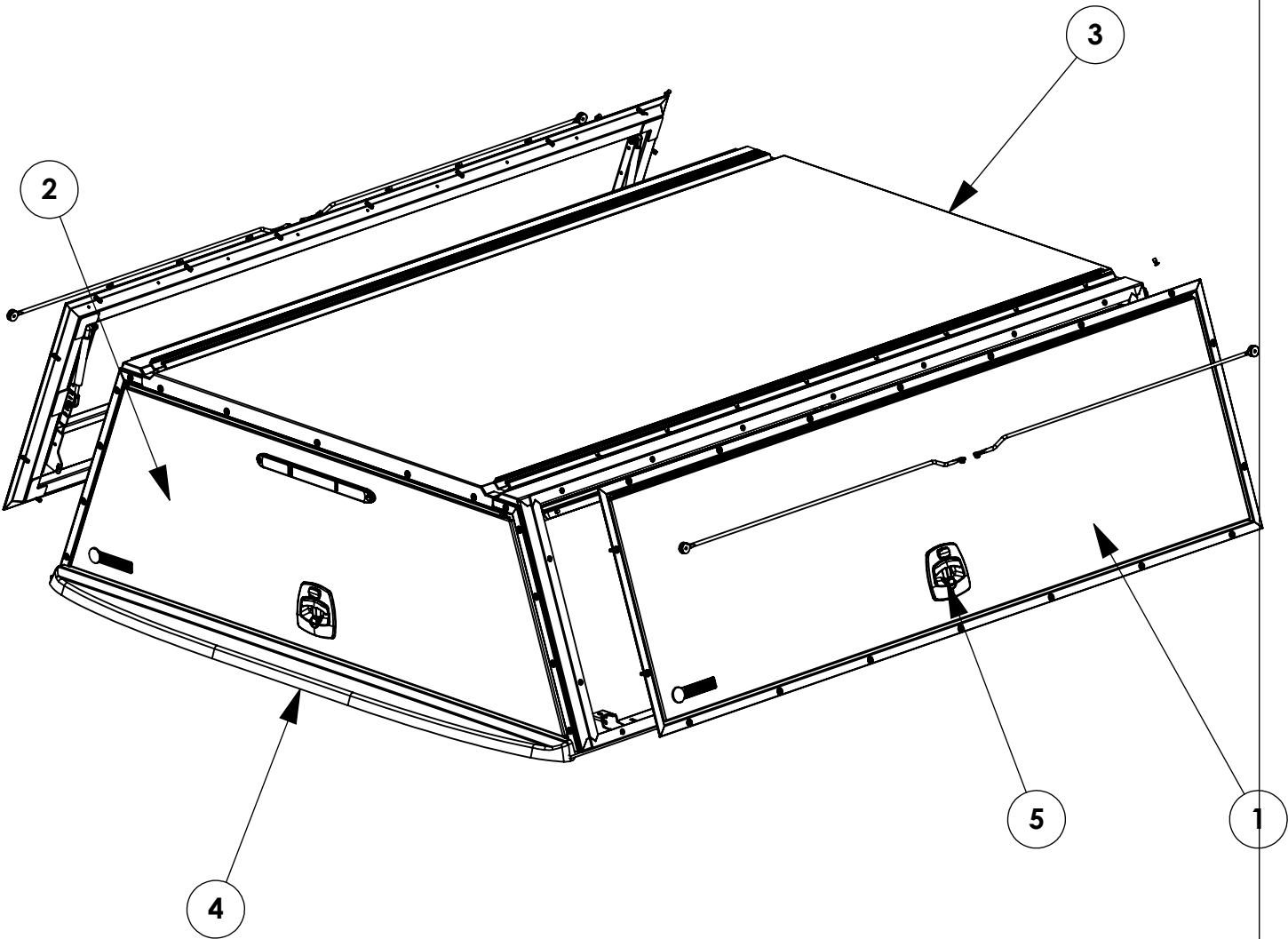
INSTR. NUMBER	: 71622	PG: 11	REV: V
PART NUMBER	: TFKGMT280HM23W		
PART DESC.	: ASM INS, TFK__T178HM23W		

BOM FOR 80" 23" TALL SILVERADO 2500, 3500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK80M23W	TOP, SIDE KIT,80",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK8026W	TOP, ROOF KIT,80",26,W	1
4	THKGMT280M23	HDW KIT, TFKGMT280HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

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



INSTR.
NUMBER : 71622

PG:
12

REV:
V

BOM FOR 70" 23" TALL SILVERADO 1500

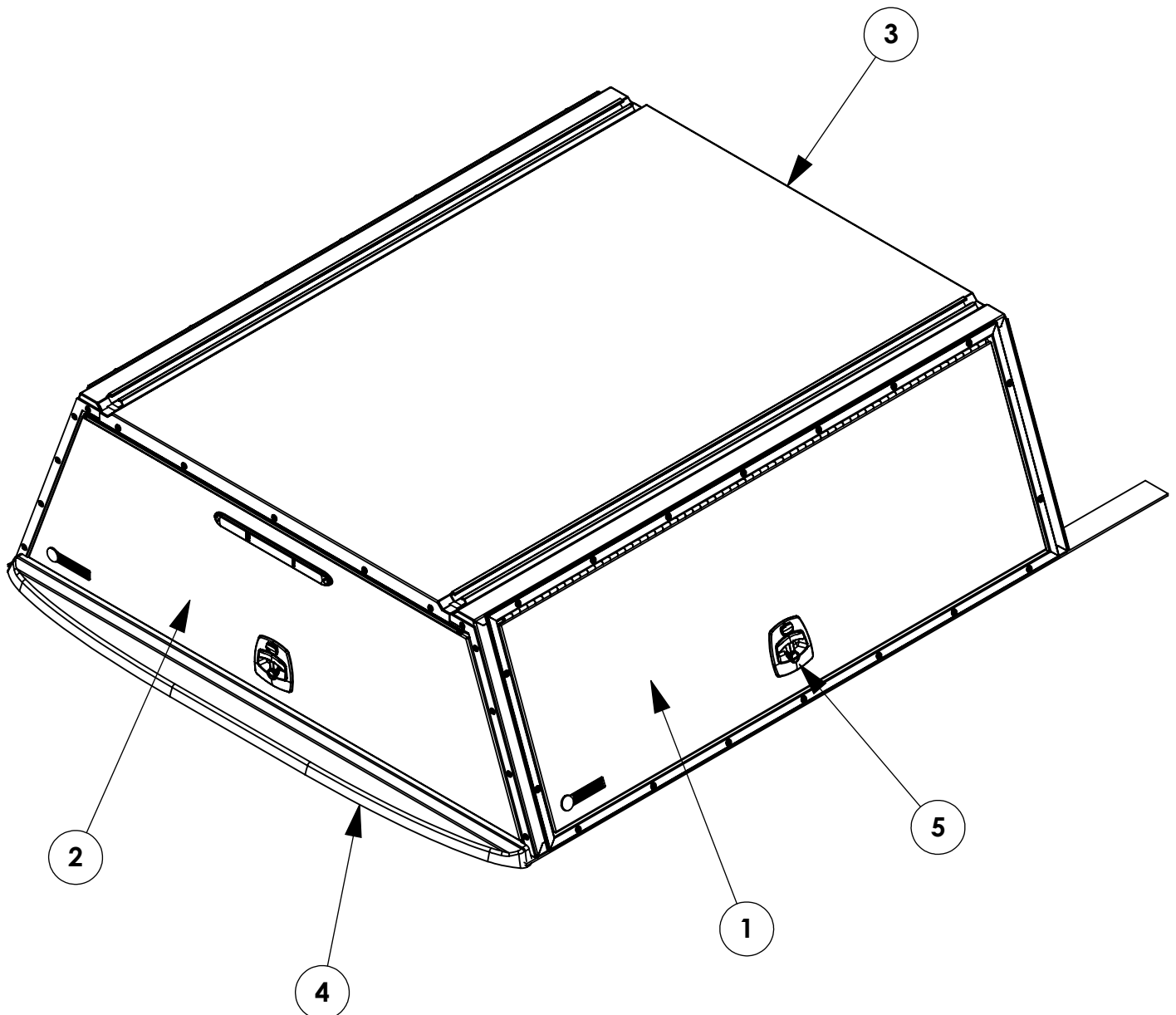
PART
NUMBER : TFKGMT170HM23W

PART :
DESC. : ASM INS, TFK__T178HM23W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK70M23W	TOP, SIDE KIT,70",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK7023W	TOP, ROOF KIT,70",23,W	1
4	THKGMT280M23	HDW KIT, TFKGMT280HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

E-LOCK VERSIONS:
SWAP M WITH E IN PART NUMBER
EXAMPLE: TFKFDT178HM23W
BECOMES TFKFDT178HE23W

*** 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.

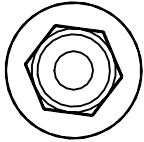
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

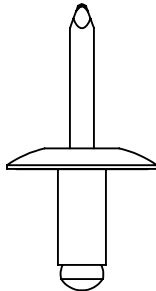
INTENTIONALLY LEFT BLANK

FASTENERS USED

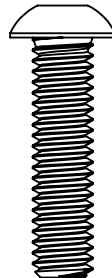
BAG REFERENCE: ALL



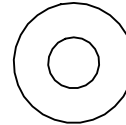
FAS0055
1/4-20 ZP
HFLNG NLK NUT
QTY: 10



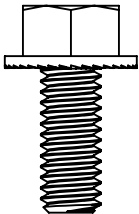
FAS1014
.25X.11GR AL
RIVET, BLND
QTY: 5



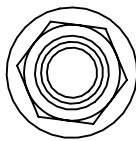
FAS0919
5/16-18 X 1.25 SST
BHC SCREW
QTY: 10



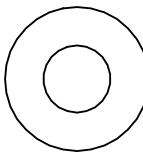
FAS0234
1/4 SST
FLAT WASHER
QTY: 30



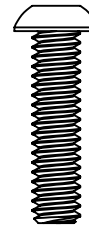
FAS0438
5/16-18 X .75 ZP
HFNLG SCREW
QTY: 16



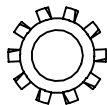
FAS0440
5/16-18 ZP
HFLNG NLK NUT
QTY: 16



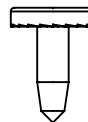
FAS0552
5/16 SST
FLAT WASHER
QTY: 10



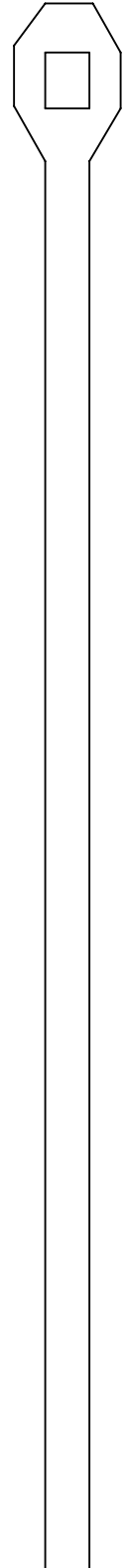
FAS0940
1/4-20 X 1.0 SS NP
BHTX SCREW
QTY: 30



FAS0066
1/4 LOCK WASHER
EXT. TOOTH
QTY: 1



FAS0148
#10 X 0.5 NI-ZN
PH SELF DRILL SCREW
QTY: 1



78320
7.5" STUD MNT
CABLE TIE
QTY: 5

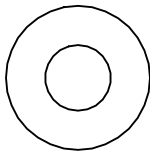
INTENTIONALLY LEFT BLANK

PAGE:

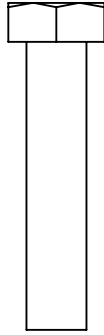
17

FASTENERS USED

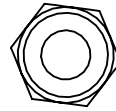
BAG REFERENCE: ALL



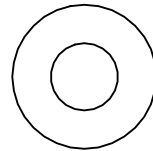
FAS0164
5/16 ALUM
FLAT WASHER
QTY BAG71794: 0
QTY BAG71801: 8



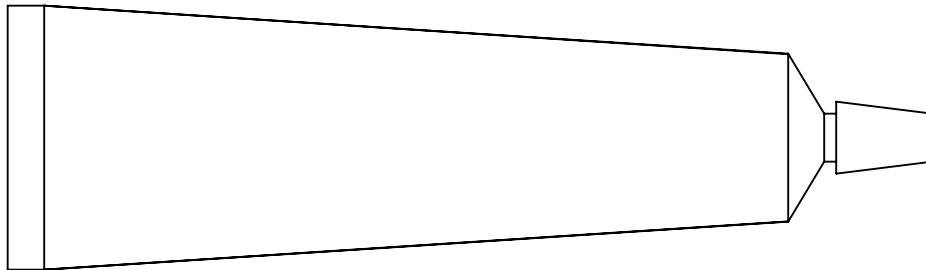
FAS0242
5/16-18 X 1.5 SST
HH SCREW
QTY BAG71794: 8
QTY BAG71801: 8



FAS0248
5/16-18 SST
HH NLK NUT
QTY BAG71794: 8
QTY BAG71801: 8



FAS0552
5/16 SST
FLAT WASHER
QTY BAG71794: 16
QTY BAG71801: 8



26618-0
1 OZ TUBE
SILICONE
QTY BAG71794: 2
QTY BAG71801: 2

INTENTIONALLY LEFT BLANK

PAGE:

19

FASTENERS USED

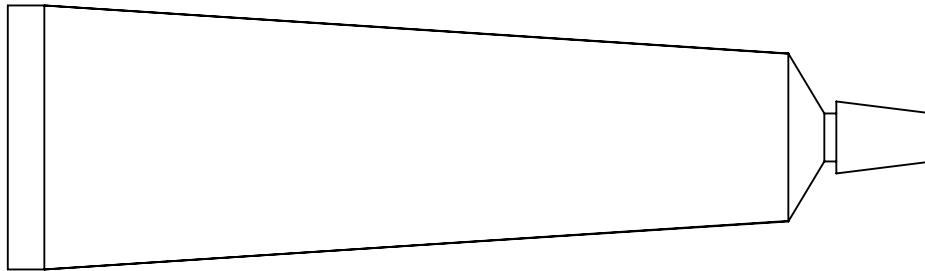
BAG REFERENCE: BAG76637



**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**

INTENTIONALLY LEFT BLANK

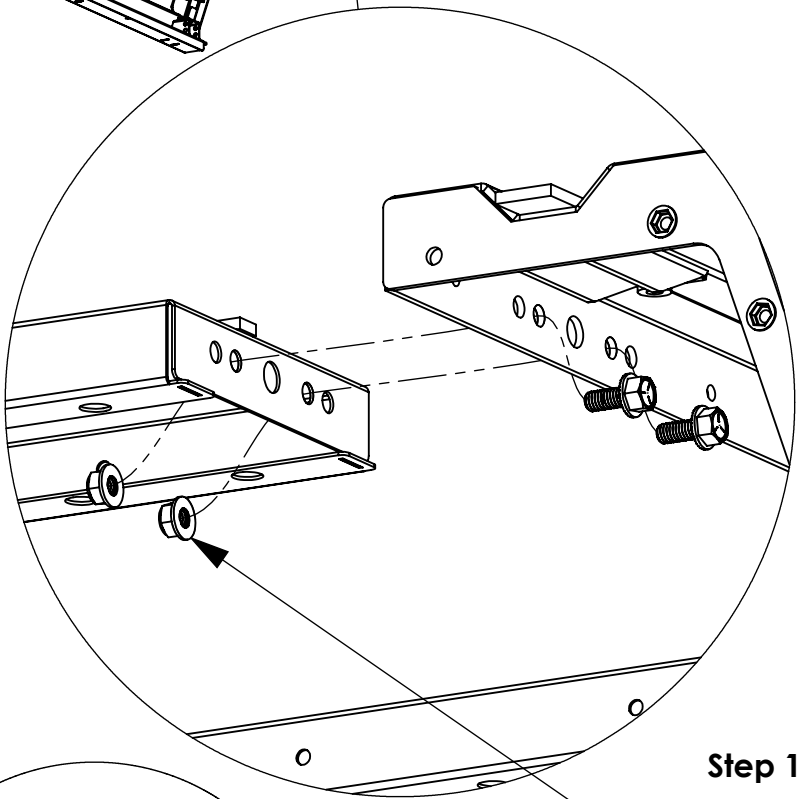
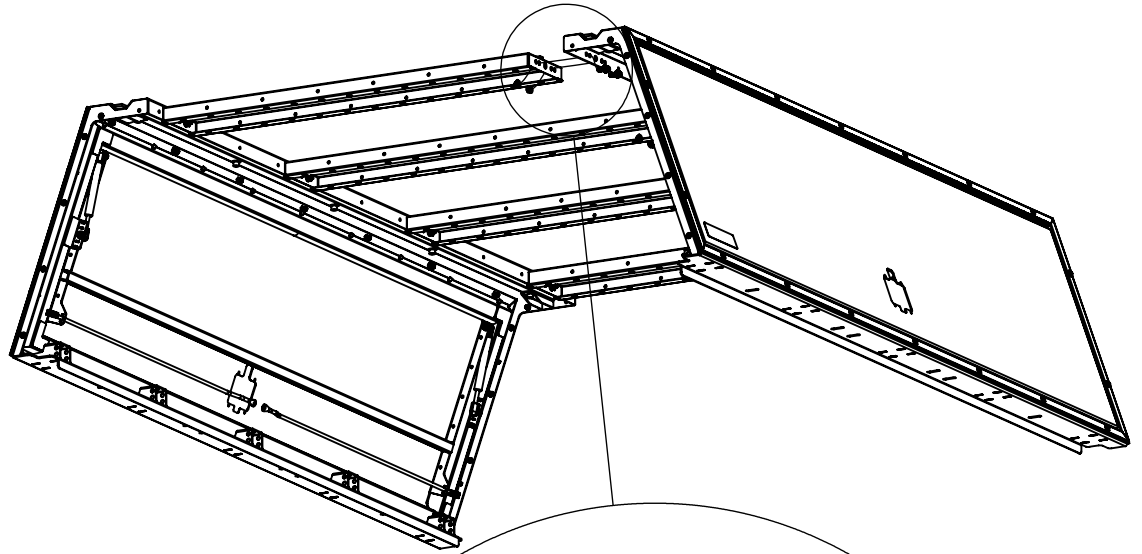
STEP 1 - ASSEMBLE BODY FRAME: SIDES AND CROSSBOWS

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

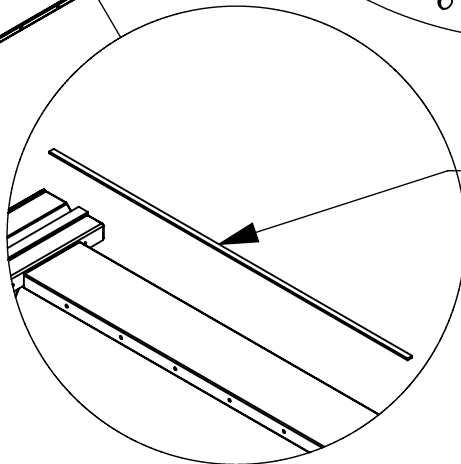
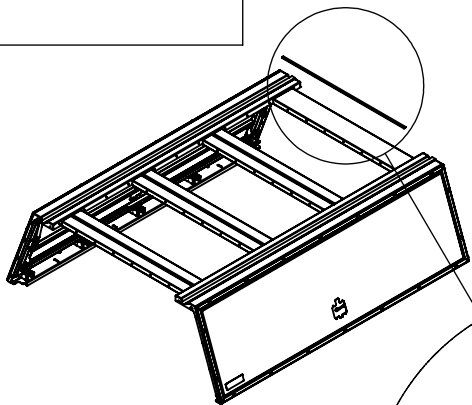
Step 1.4
ADD FOAM
STRIP 80402
TO THE
MIDDLE OF
EACH
CROSSBOW
(4 PLACES)



Step 1.3

NOTE: Nut
inboard

Step 1.4



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)
M10 SOCKET

DO NOT
OVERTIGHTEN

Step 2.3
ATTACH
LOCKRODS TO
HANDLE

FULLY TIGHTEN
FAS0918
(2 PLACES)
M8 SOCKET

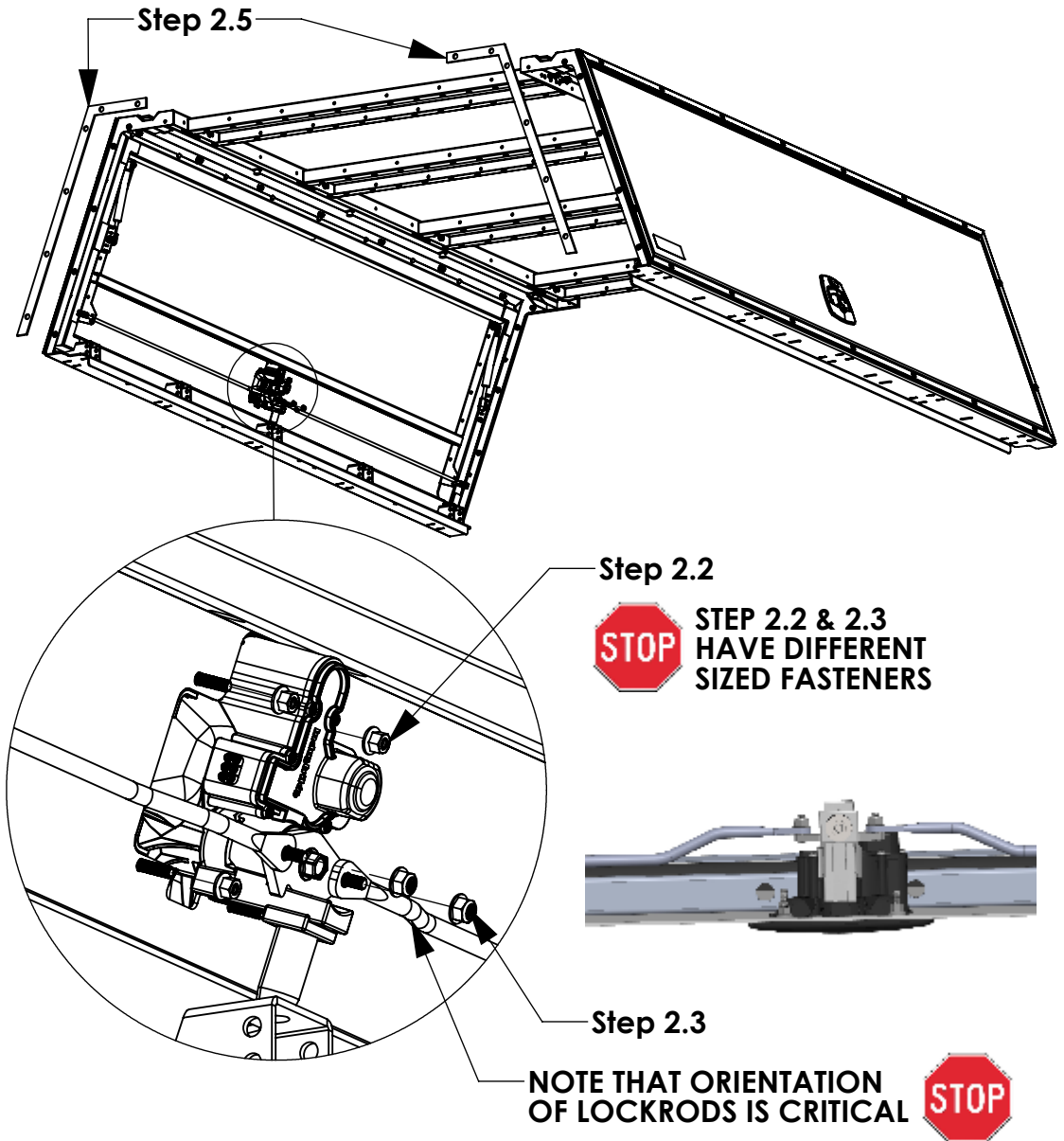
DO NOT
OVERTIGHTEN

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

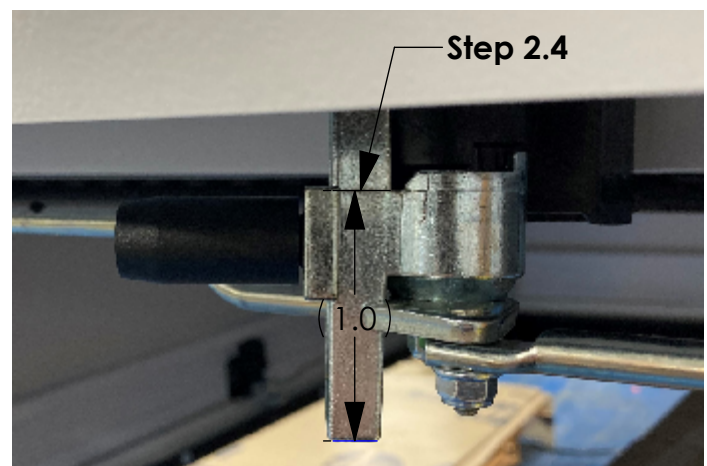
FULLY TIGHTEN
4mm ALLEN
(2 PLACES)

Step 2.5
APPLY FOAM
SEALS TO ALL
CORNERS.

USE HOLES IN
SEAL TO ALIGN
MATERIAL.



Step 2.1



Step 2.4

STEP 3 - ATTACH FRONT PANEL

Step 3.1
OPEN TOPPER
CLOSURE KIT
[TCK78HM23W]

Step 3.2
ATTACH FRONT
PANEL

HAND TIGHTEN
FAS0234,
FAS0940
(10 PLACES)

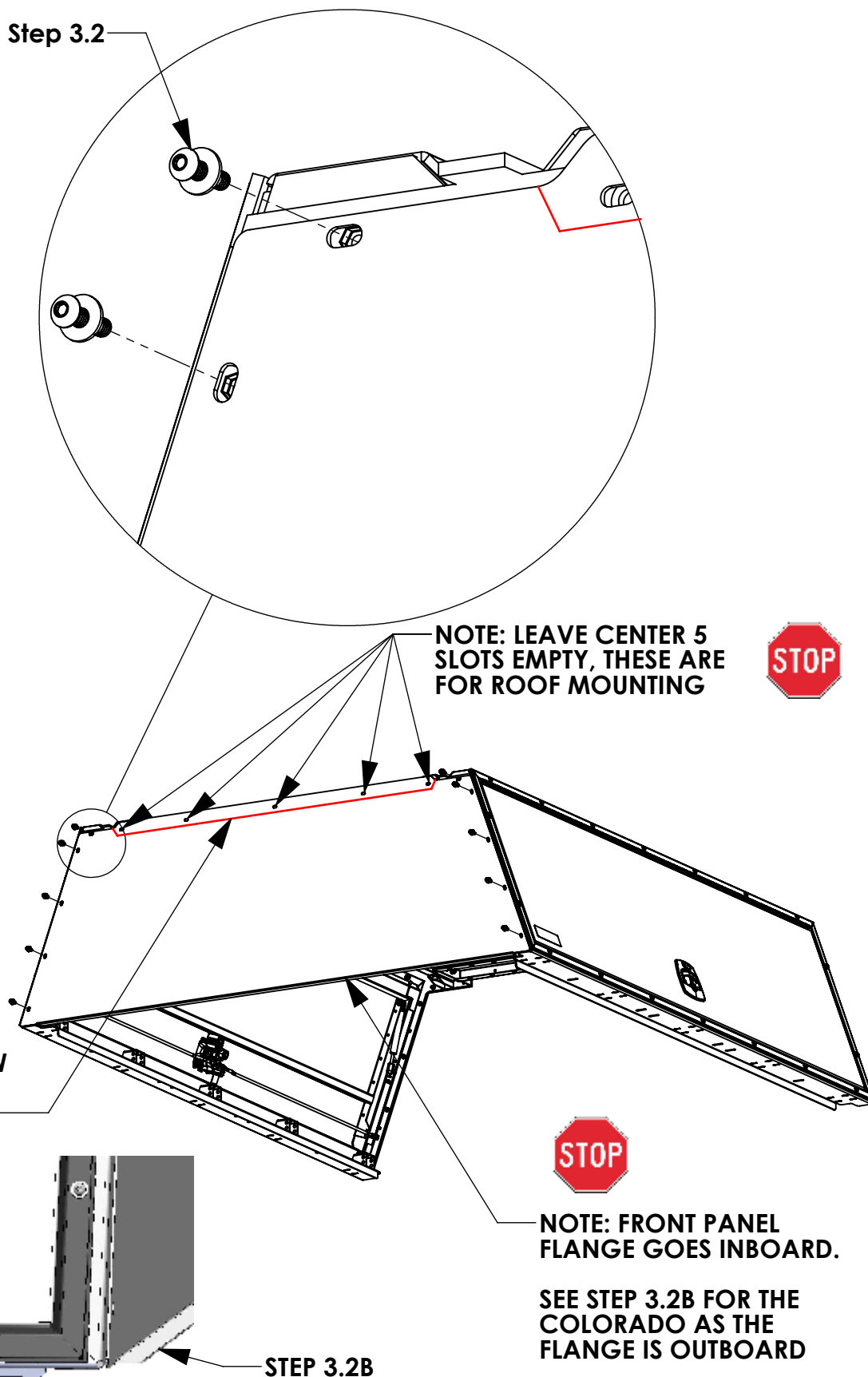
DO NOT
TIGHTEN UNTIL
AFTER STEP 4

Step 3.2B
COLORADO
FRONT PANEL
FLANGE IS
OUTBOARD

DO NOT
TIGHTEN UNTIL
AFTER STEP 4

APPLY A STRIP OF
SILICONE THEN
RUNS THE LENGTH
OF THE FRONT
PANEL JUST BELOW
THE SCREWS

Step 3.2

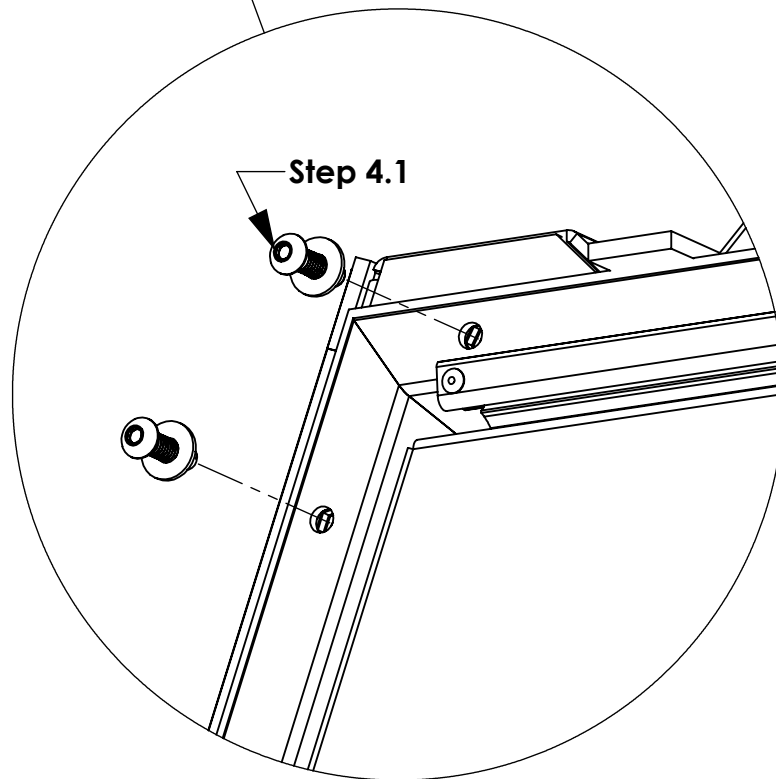
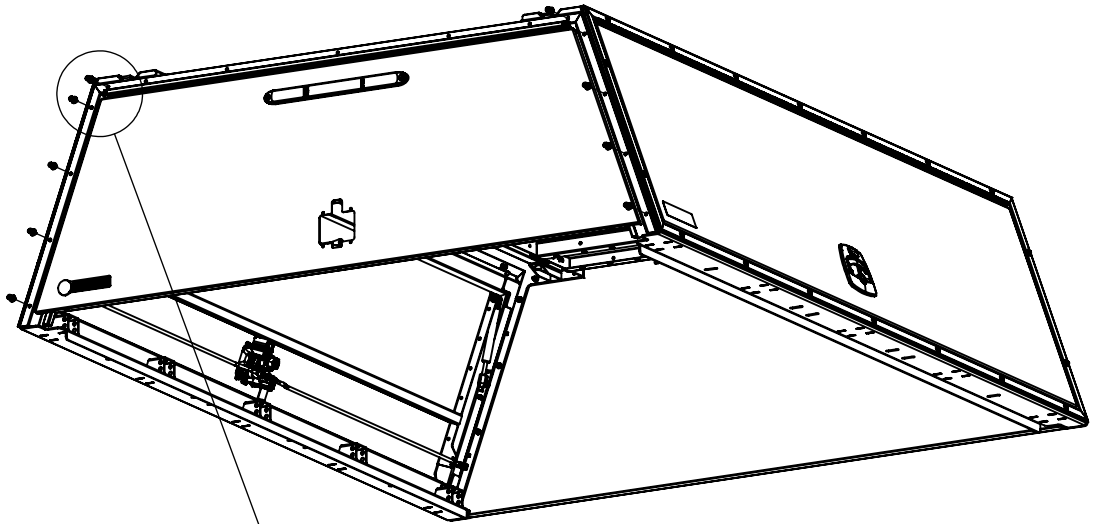


STEP 4 - ATTACH LIFTGATE**Step 4.1
ATTACH
LIFTGATE FRAME**

FULLY TIGHTEN
FAS0234,
FAS0940
(10 PLACES)
5/32" ALLEN

**Step 4.2
GO BACK AND
FULLY TIGHTEN
FASTENERS
FROM STEP 3.2**

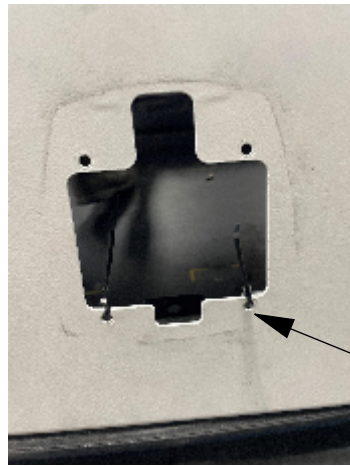
(10 PLACES)
5/32" ALLEN



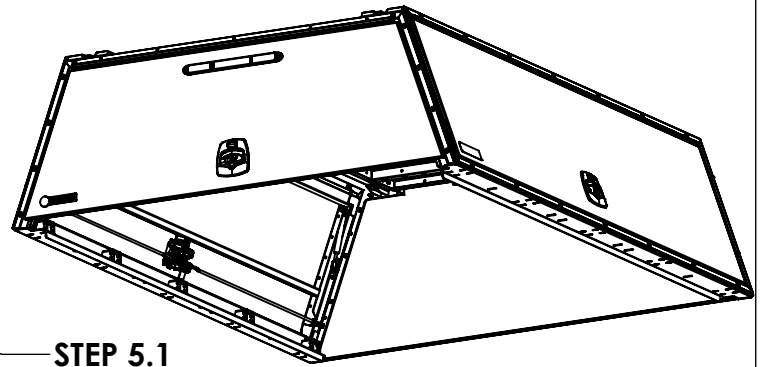
STEP 5 - ATTACH LIFTGATE HANDLE

Step 5.1
CUT ZIP TIES
THAT ARE
HOLDING
LOCKRODS IN
PLACE.

!! CAUTION !!
DOOR MAY TRY
TO OPEN.



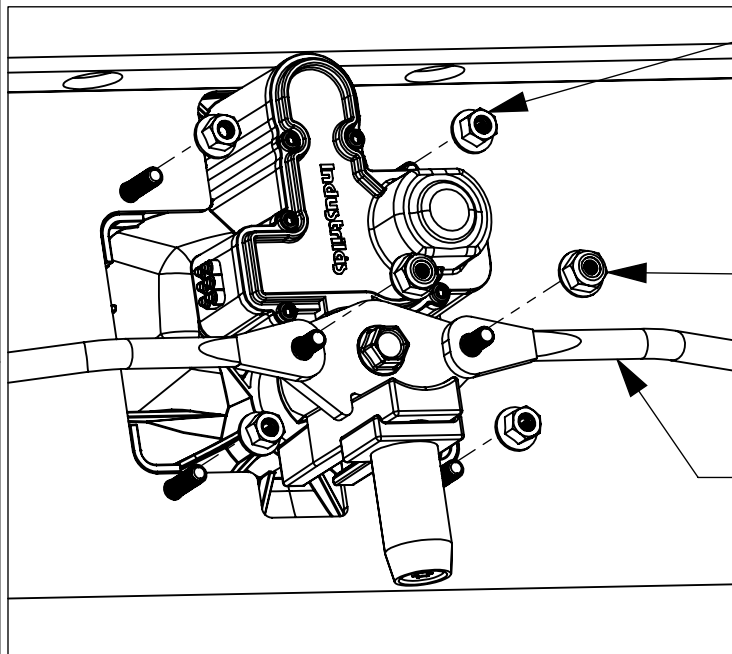
STEP 5.1



Step 5.2
ATTACH HANDLE
TO DOOR

FULLY TIGHTEN
FAS0917
(4 PER DOOR)
M10 SOCKET

DO NOT
OVERTIGHTEN



STEP 5.2



STEP 5.2 & 5.3
HAVE DIFFERENT
SIZED FASTENERS

STEP 5.3

Step 5.3
ATTACH
LOCKRODS TO
HANDLE

FULLY TIGHTEN
FAS0918
(2 PLACES)
M8 SOCKET

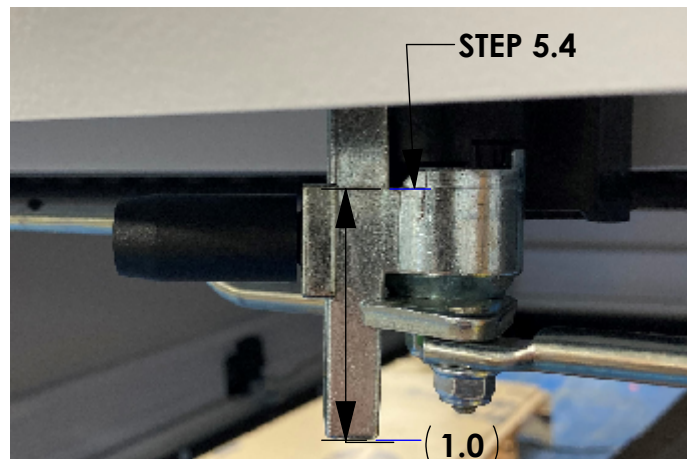
DO NOT
OVERTIGHTEN

NOTE THAT ORIENTATION
OF LOCKRODS IS
CRITICAL



Step 5.4
ADJUST HANDLE
POINT TO ALIGN
WITH CASTING
LINE ON HANDLE
BODY
(APPROX: 1.0")

FULLY TIGHTEN
M4 ALLEN
(2 PLACES)



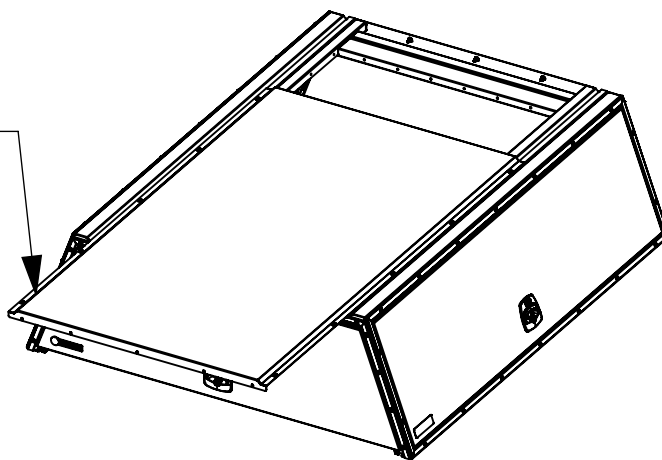
STEP 6 - ATTACH ROOF AND ROOF RAILS

Step 6.1
PLACE ROOF
PANEL ON
TOPPER BODY,
BUT SLID
FORWARD OF
FRONT PANEL TO
AVOID
REMOVING
SILICONE APPLIED
IN STEP 3. THEN
SLIDE ROOF
PANEL INTO
CORRECT
POSITION.



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

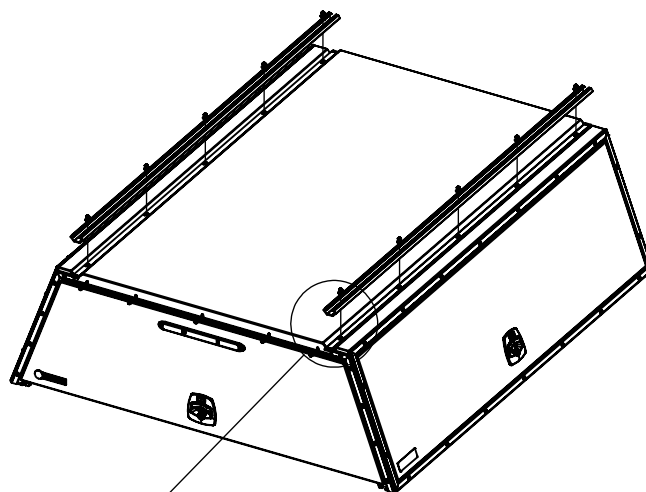
Step 6.1



Step 6.2
ATTACH
MOUNTING RAILS
TO TOPPER BODY.

USE AN
ALIGNMENT
PUNCH TO POKE
THROUGH SEALS

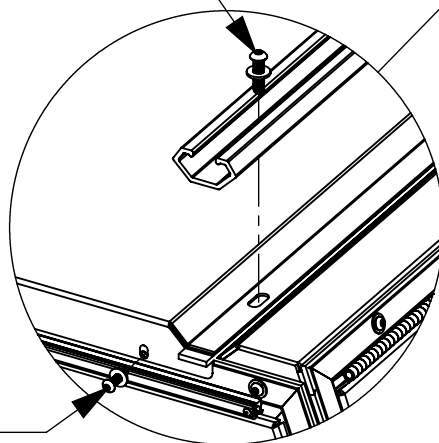
FULLY TIGHTEN
FAS0552,
FAS0919
(10 PLACES)
3/16" ALLEN



Step 6.2

Step 6.3
ATTACH ROOF
TO TOPPER
BODY.

FULLY TIGHTEN
FAS0055,
FAS0552,
FAS0940
(10 PLACES)
5/32" ALLEN
7/16" WRENCH

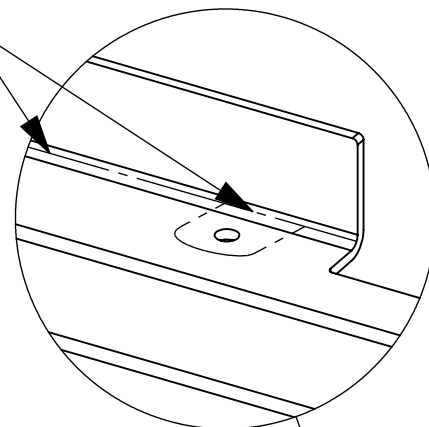


Step 6.3

STEP 7 - ATTACH TAILGATE COVER

Step 7.1
ADD SILICONE TO
CORNER OF
TAILGATE COVER
AND AROUND
BOTTOM FACE
MOUNTING
HOLES.

Step 7.1
FULL LENGTH
OF THIS SEAM

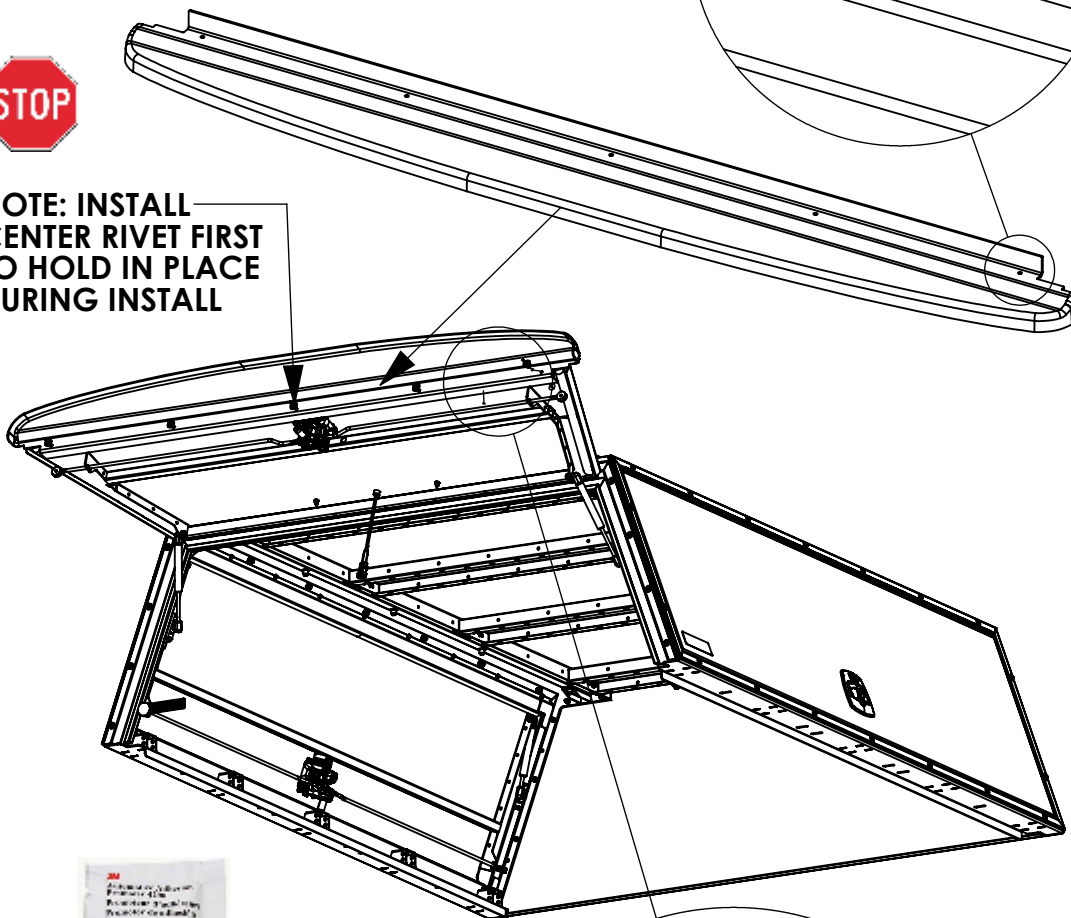


Step 7.2
ATTACH TAILGATE
COVER TO REAR
DOOR.

FULLY SECURE
FAS1014
(5 PLACES)

1/4" RIVET TIP

NOTE: INSTALL
CENTER RIVET FIRST
TO HOLD IN PLACE
DURING INSTALL



Step 7.3
COLORADO &
SILVERADO.
PREP WITH 57392
ADHESION
PROMOTER.

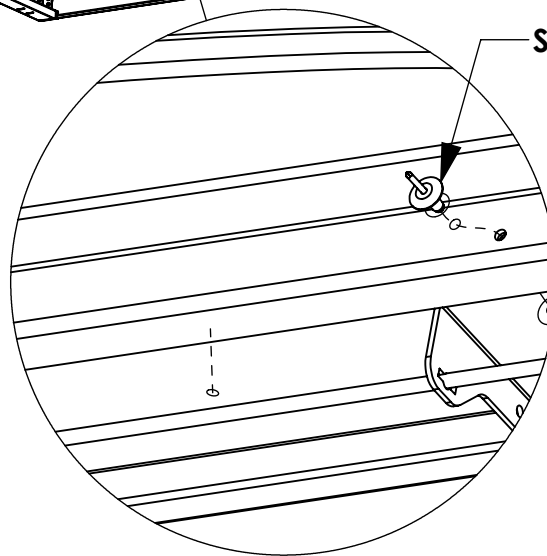
ADD 77152
D-SEAL X 22" LG
TO BOTH SIDE OF
TAILGATE COVER



Step 7.3
COLORADO &
SILVERADO



Step 7.2

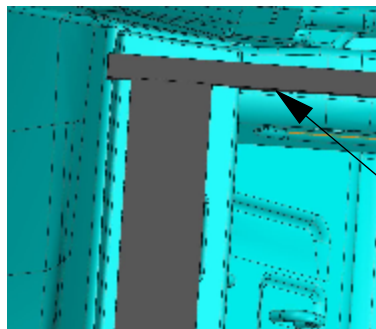


STEP 8 - ATTACH SEALS TO TRUCK BED

Step 8.1
INSTALL FRONT
BED SEAL. 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.

TRIM OFF EXTRA,
IF NECESSARY.

**TOP VIEW - COLORADO, SILVERADO
& RAM, FULL DISTANCE AT FRONT
EDGE**



**STEP 8.3
1/4" GAP**

**STEP 8.3
AT FLAT**

**Step 8.1
DIST**

TOP VIEW

FRONT

**DRIVER'S
SIDE**

Step 8.2
INSTALL SIDE BED
SEALS. ALIGN TO
THE FRONT AND
INSIDE EDGES OF
THE SIDE BED
RAIL TRIM.

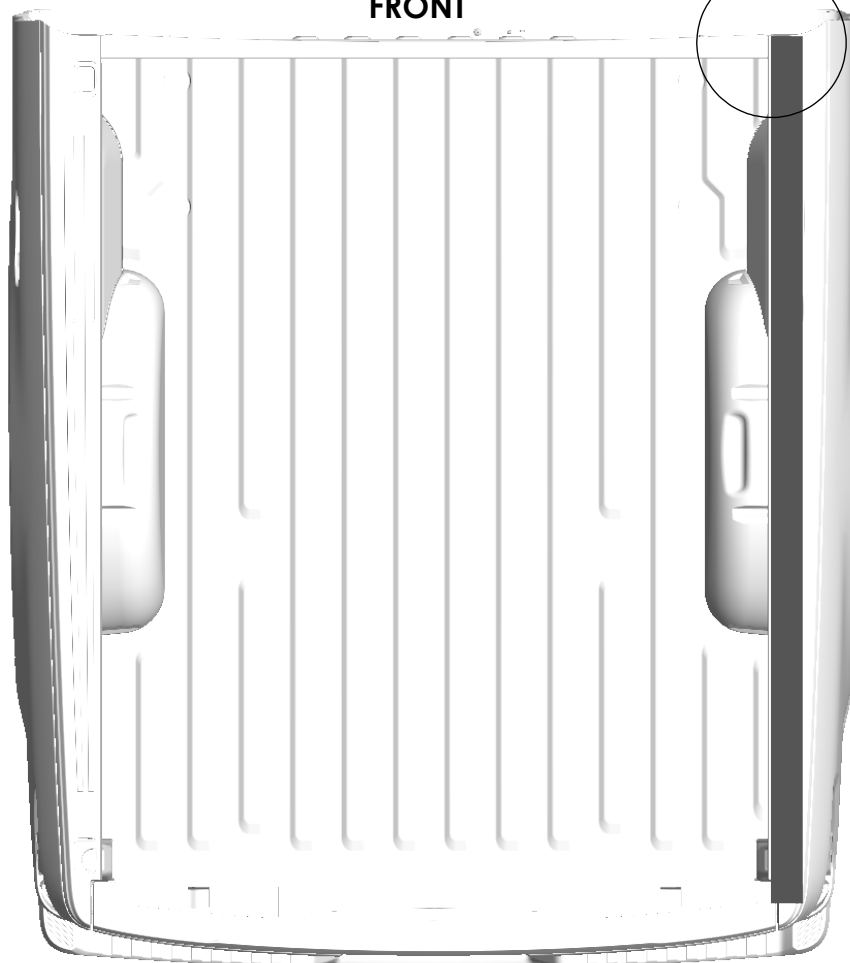
DO NOT TRIM
EXCESS UNTIL
TOPPER IS ON
THE TRUCK.

Step 8.3
**COLORADO
ONLY !**
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.

TABLE 1:

VEHICLE PLATFORM	DIST.
F-150	.875"
SILVERADO	0.25"
RAM	.15"



STEP 8 - ATTACH SEALS TO TRUCK BED (NOTE: FOR CHEVY SILVERADO ONLY)

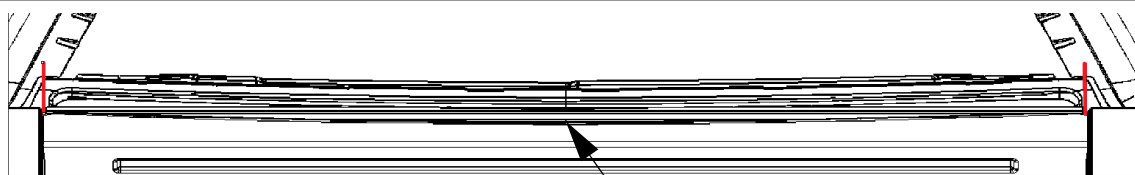
Step 8.4
PLACE 81456
GASKET IN THE
GAP BETWEEN
THE TRUCK BED
AND CAB.



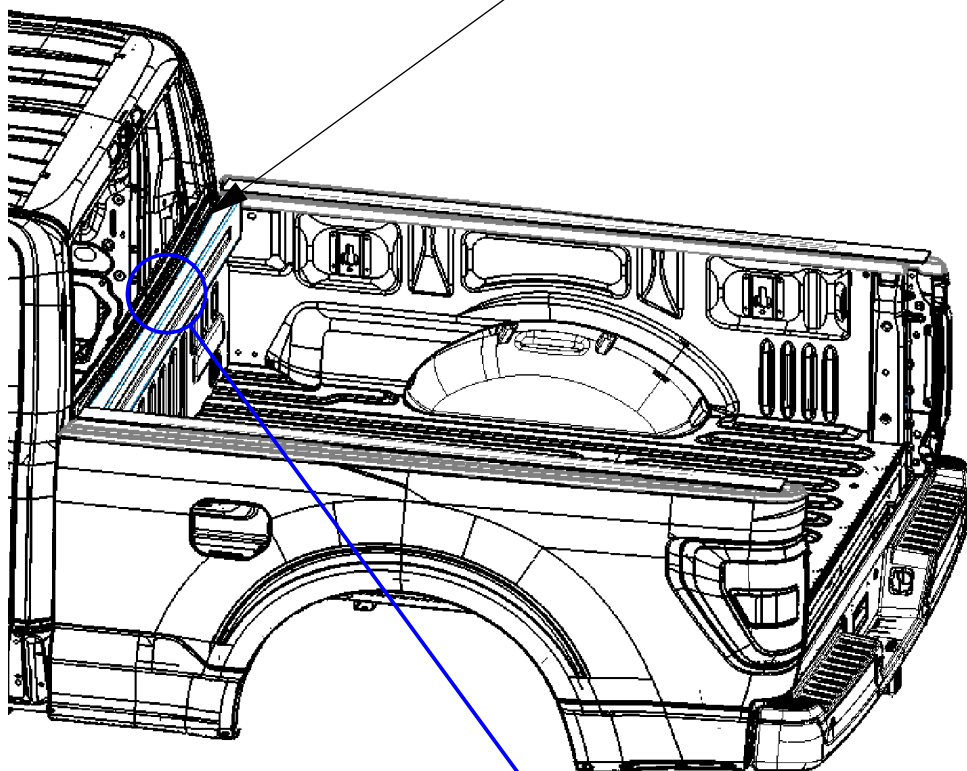
BEFORE
ATTACHING TO
TRUCK BED,
CLEAN AND PREP
AREA. DO NOT
ATTACH TO
PLASTIC TRIM. IF
TRIM IS ON
FRONT OF BED
ATTACH TO CAB.

ONCE AREA IS
PREPARED
CENTER GASKET
ON THE REAR
WINDOW.

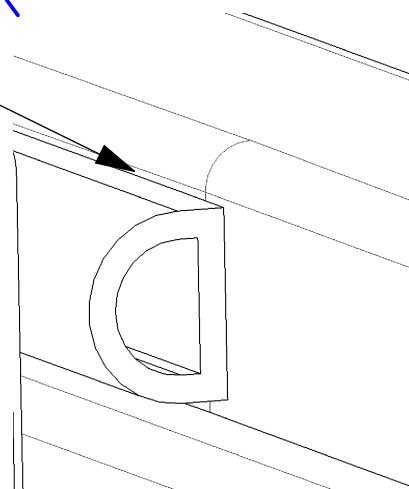
MAKE SURE THAT
GASKET HAS FULL
SURFACE
CONTACT SO
ADHESIVE WILL
PROPERLY BOND.



Step 8.4



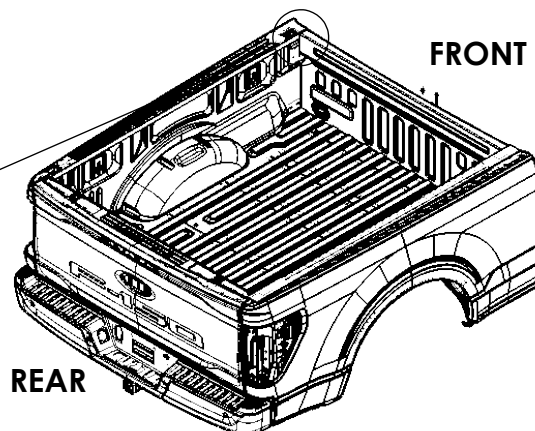
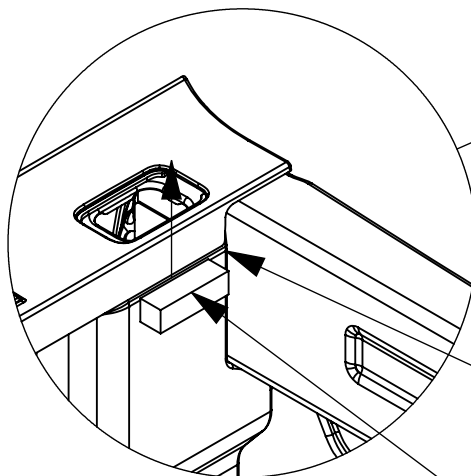
NOTE:
IF TRUCK BED HAS A SPRAY
ON BED LINER, PLACE
GASKET UNDER LINER ON
TRUCK BED



STEP 9A - INSTALL FOAM & 73740 SEALANT TO TRUCK CAB AND BED SEAMS (NOTE: FOR CHEVY SILVERADO ONLY)

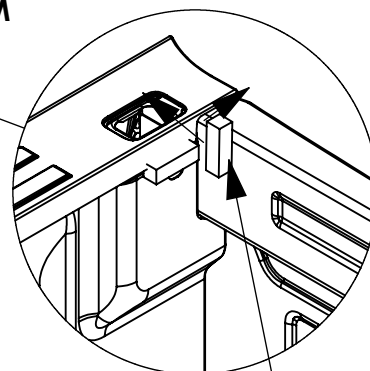
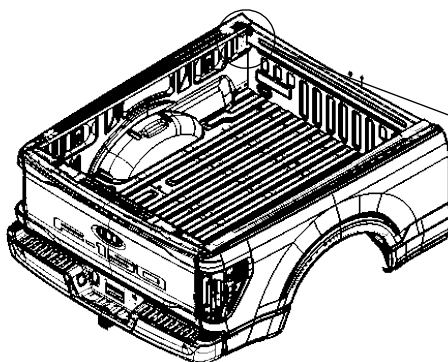
STEP 9A.1
CUT A 2.5" FOAM PIECE OF 73398, INSERT UNDER TRIM OF THE BED RAIL, GOING INTO THE GAP AS SHOWN

STEP 9A.1



REAR
THERE IS A GAP BETWEEN THE OEM BED AND TRIM (NOT SHOWN)

INSERT THE FOAM UNDER THE TRIM AND COVER THE GAP W/ THE FOAM



STEP 9A.2

INSERT THE 2ND PIECE OF FOAM PERPENDICULAR TO THE 1ST PIECE. FOLD OVER THE FOAM TO ALSO COVER THE GAP BETWEEN THE TRIM AND WALL RAIL

STEP 9A.3
SECURE BOTH PIECES OF FOAM IN PLACE WITH 3M SEALANT AROUND THE PERIMETER AND FILL ANY REMAINING GAPS, REPEAT ON PASSENGER SIDE



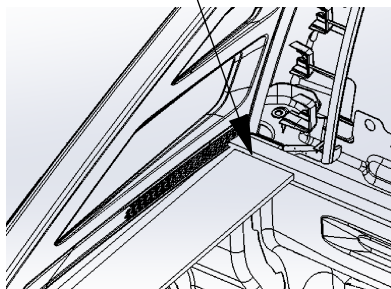
STEP 9A.3

ADD 3M SEALANT AROUND THE PERIMETER OF THE FOAMS, BETWEEN THE RAIL TRIM & THE BED, & REPEAT ON PASSENGER SIDE

STEP 9B - INSTALL FOAM TO TRUCK CAB AND BED SEAMS (NOTE: FOR CHEVY SILVERADO EV ONLY)

STEP 9B.1
PLACE FOAM
AROUND TOP
OF BED RAILS,
STRIPS WILL
BUTT UP
AGAINST EACH
OTHER AT
CORNERS

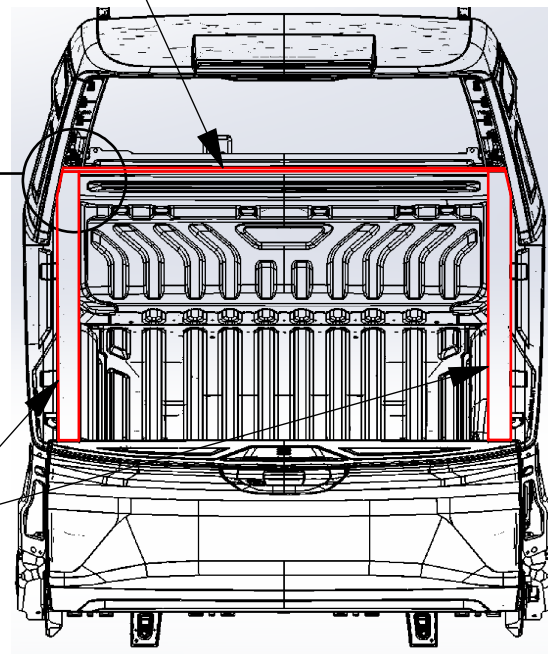
STEP 9B.1



NOTE:
LOCATE DRAIN HOLES AND
TRIM FOAM AROUND THEM,
TO MAKE SURE HOLES AREN'T
BEING BLOCKED

71766

FRONT



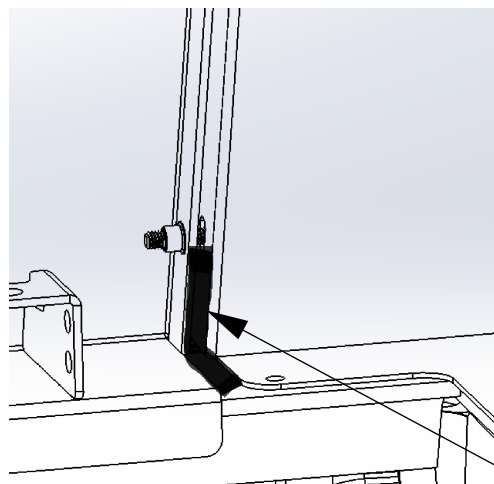
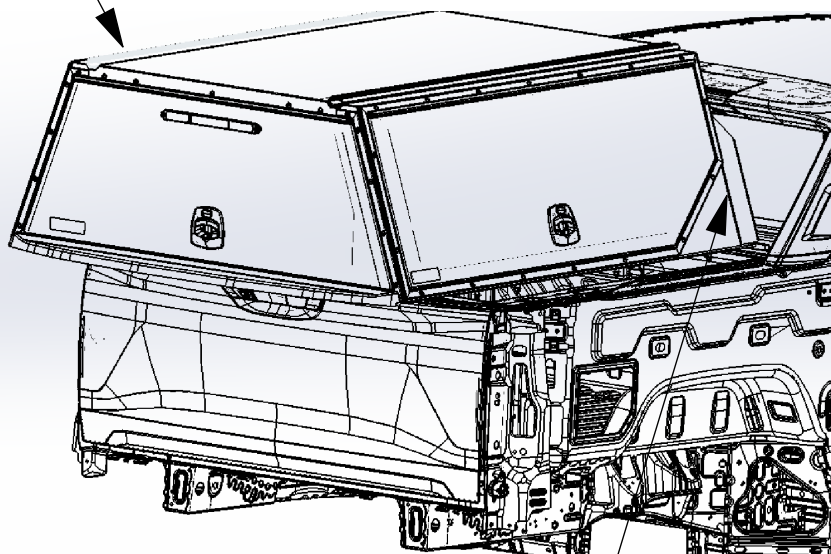
71768

REAR

STEP 9B.2
WHEN PLACING
TOPPER ON BED,
TOPPER WILL
NEED TO BE
BROUGHT IN
LOW AND THEN
MOVED
FORWARD TO FIT
INSIDE TRUCK
TRIM. (AS
SHOWN)

STEP 9B.3
WITH TOPPER IN
PLACE EXCESS
TRIM

STEP 9B.2



NOTE:
WHEN TOPPER IS IN PLACE USE
SLICONE INSIDE OF TOPPER TO
SEAL GAPS AT FRONT OF TOPPER .
(AS SHOWN)

STEP 9C - INSTALL FOAM, (6) SPACER & 73740 SEALANT TO TRUCK CAB AND BED SEAMS (NOTE: FOR FORD RANGER ONLY)

STEP 9C.1
REMOVE PLUGS
LOCATED ON
THE TRUCK BED
RAIL,



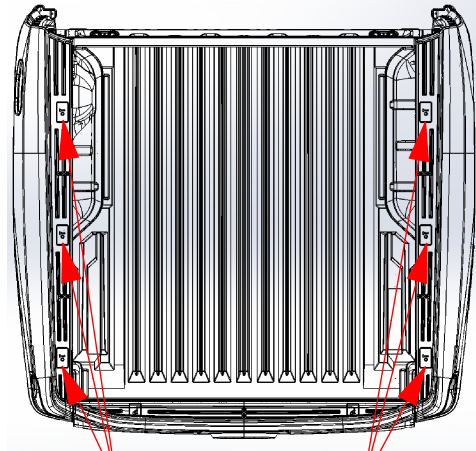
**DO NOT DRILL
INTO THE RAIL**

STEP 9C.2
CENTER
(6) SPACERS
OVER HOLE,
TAPE SPACER TO
HOLD IT IN THE
LOCATION

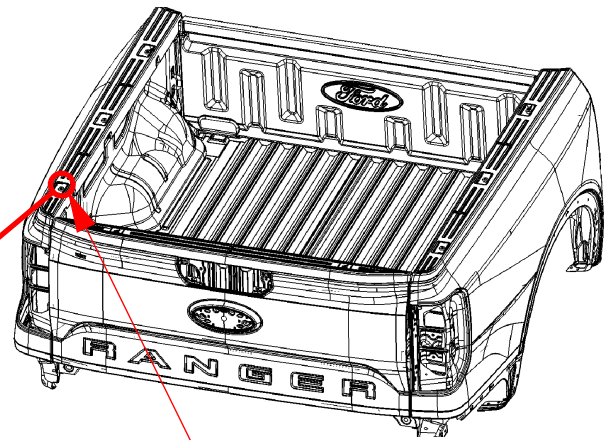
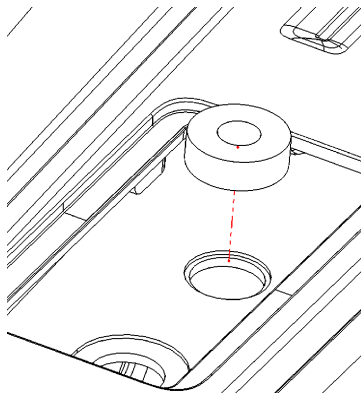
NOTE:
TALL SPACERS
TO BE USED
WITH 2025
MODELS,

**SHORT SPACERS
TO BUT USED
WITH 2026 OR
NEWER MODELS**

STEP 9C.3
PLACE FOAM
AROUND TOP OF
BED RAILS, STRIPS
WILL BUTT UP
AGAINST EACH
OTHER AT
CORNERS



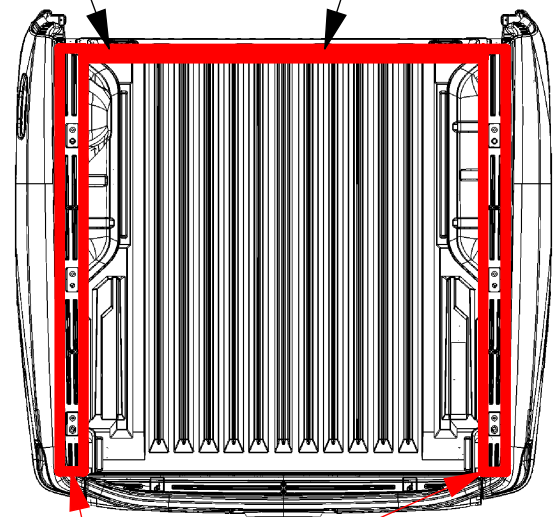
STEP 9C.1



STEP 9C.2

STEP 9C.3

71766



71768



NOTE:
BEFORE INSTALL PREP IS STARTED,
IF RANGER MODEL YEAR IS 2024, MAKE SURE
THAT LOAD BOX REINFORCEMENT BRACKETS
HAVE BEEN INSTALLED. SCAN QR CODE FOR
DOCUMENTED DIRECTION

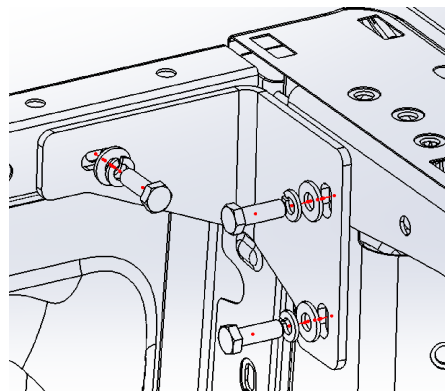


STEP 9C - INSTALL FOAM, (6) SPACER & 73740 SEALANT TO TRUCK CAB AND BED SEAMS (NOTE: FOR FORD RANGER ONLY)

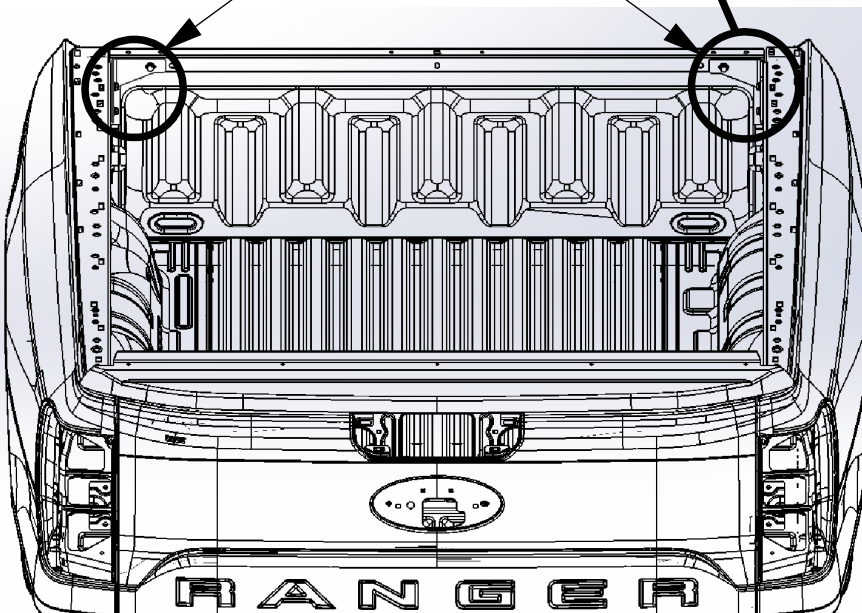
STEP 9C.4
SLIDE 80670 &
80671 UNDER
TRIM AT FRONT
CORNERS OF
BED TO MOUNT
TO OEM HOLES,
FULLY TIGHTEN
(6)FAS0329,
(6)FAS0552, &
(6)FAS0588

**M8 SOCKET
DRILL**

NOTE:
TRIM IS NOT VISIBLE FOR
CLARITY



STEP 9C.4



NOTE:
BEFORE INSTALL PREP IS STARTED,
IF RANGER MODEL YEAR IS 2024, MAKE SURE
THAT LOAD BOX REINFORCEMENT BRACKETS
HAVE BEEN INSTALLED. SCAN QR CODE FOR
DOCUMENTED DIRECTION



STEP 10 - 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 10.1
SET TOPPER ONTO TRUCK BED. ALIGNMENT IS BASED OFF OF THE TAILGATE CLEARANCE CUTOUT IN THE SIDE BED RAILS (FOR FORD ONLY) AND PLACE ON THE PREVIOUSLY INSTALLED FRONT BED SEAL STEP 8.1

THESE 2 FACES SHOULD BE ALIGNED.

Step 10.2
USE HOLES IN THE BED RAIL TO MARK AND DRILL MOUNTING LOCATIONS. IT IS NOT NECESSARY TO REMOVE THE TOPPER FOR THIS STEP.

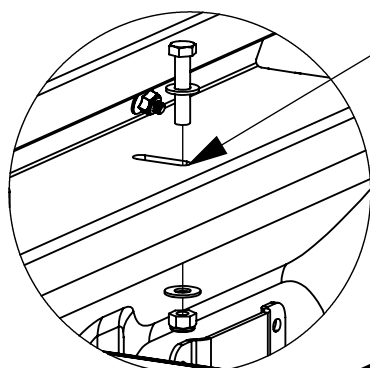
(8 PLACES)
1 1/32" DRILL BIT



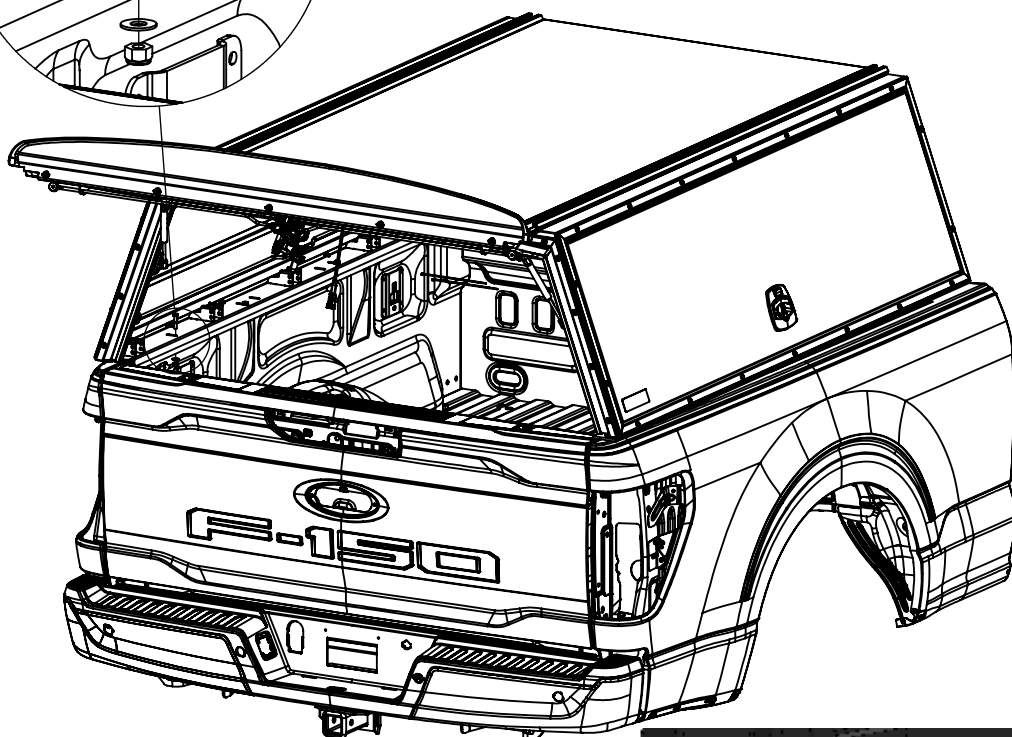
NOTE: IF THESE HOLES INTERFERE WITH THE OEM BODY, DRILL A NEW HOLE IN THE BED RAIL +/- 2" FROM THE INTERFERENCE.

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

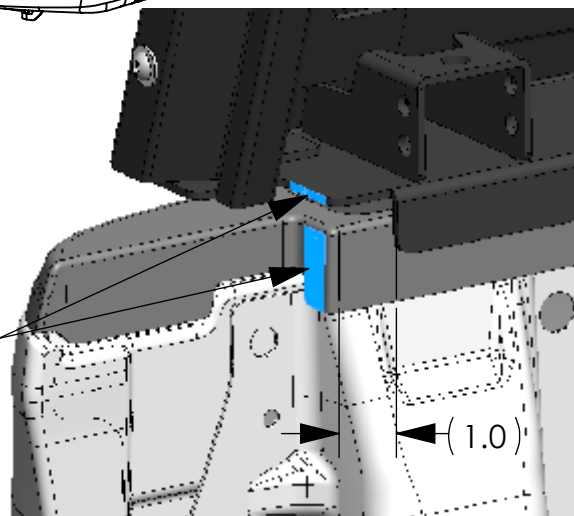
- HOIST: ATTACH TO THE ROOF RAILS OF THE TOPPER
- FORKLIFT: OPEN THE REAR DOOR AND SET FORKS ON THE ROOF BOWS
- MANUAL: HAVE 1 INDIVIDUAL AT EACH CORNER OF THE TOP AND CARRY OVER THE SIDES OF THE TRUCK. DO NOT SCRATCH THE VEHICLE.



Step 10.2



Step 10.1



STEP 10 ALT- ATTACH TOPPER TO TRUCK BED

NOTE: (FOR 5.0' FORD RANGER ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.

Step 10.1 ALT
SET TOPPER ONTO TRUCK BED.
ALIGNMENT IS BASED OFF OF THE TAILGATE CLEARANCE CUTOUT IN THE SIDE BED RAILS (FOR FORD ONLY) AND PLACE ON THE PREVIOUSLY INSTALLED FRONT BED SEAL STEP 8.1

THESE 2 FACES SHOULD BE ALIGNED.

Step 10.2 ALT
USE HOLES IN THE BED RAIL TO MARK AND DRILL MOUNTING LOCATIONS. IT IS NOT NECESSARY TO REMOVE THE TOPPER FOR THIS STEP.

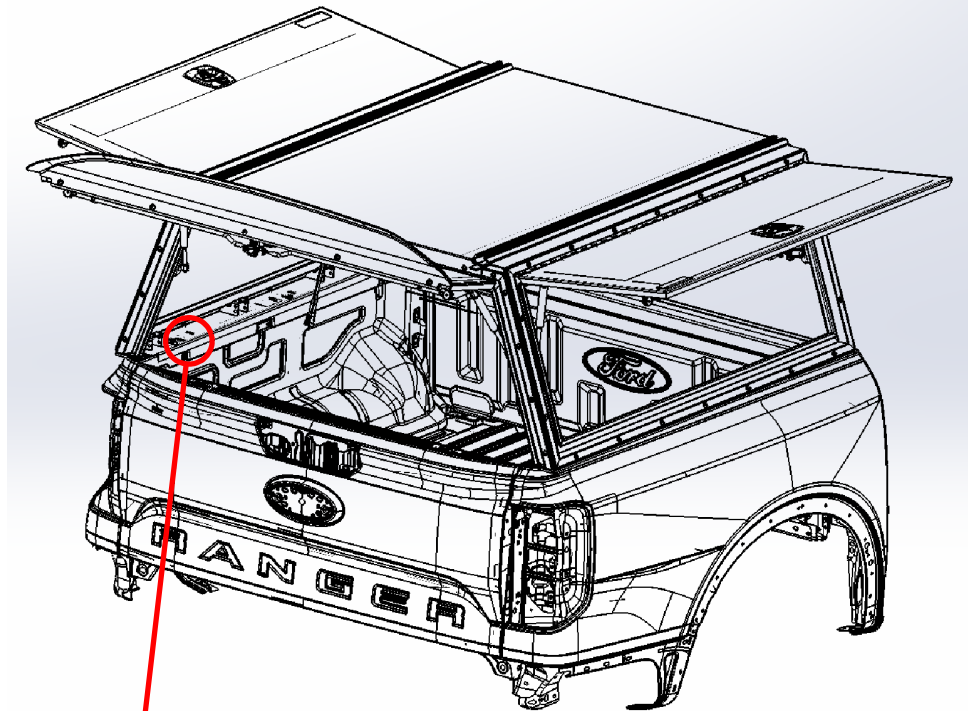
(8 PLACES)
11/32" DRILL BIT



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

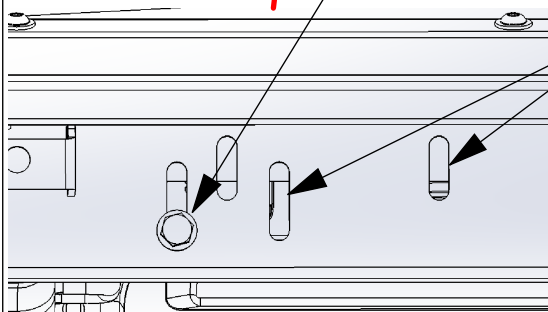
NOTE: IT IS RECOMMENDED THAT YOU LOAD THE TOPPER ONTO A TRUCKBED WITH ONE OF THE FOLLOWING METHODS:

- 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.



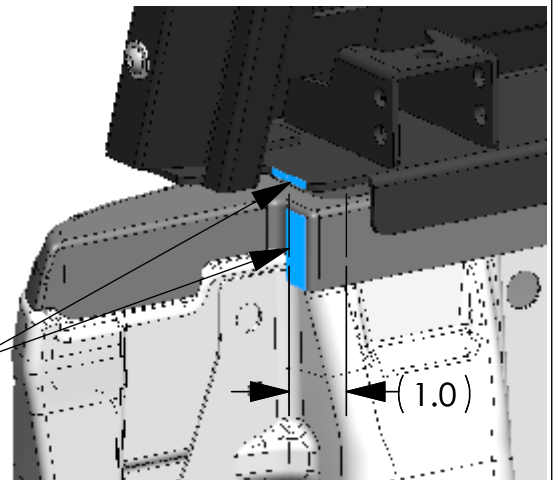
Step 10.2 ALT

NOTE:
OUTER SLOTS ARE TO BE USED WITH 2026 FORD RANGER
INNER AND SMALLER SLOTS TO BE USED WITH 2025 FORD RANGER



NOTE:
OVERHEAD VIEW FOR CLARITY

Step 10.1



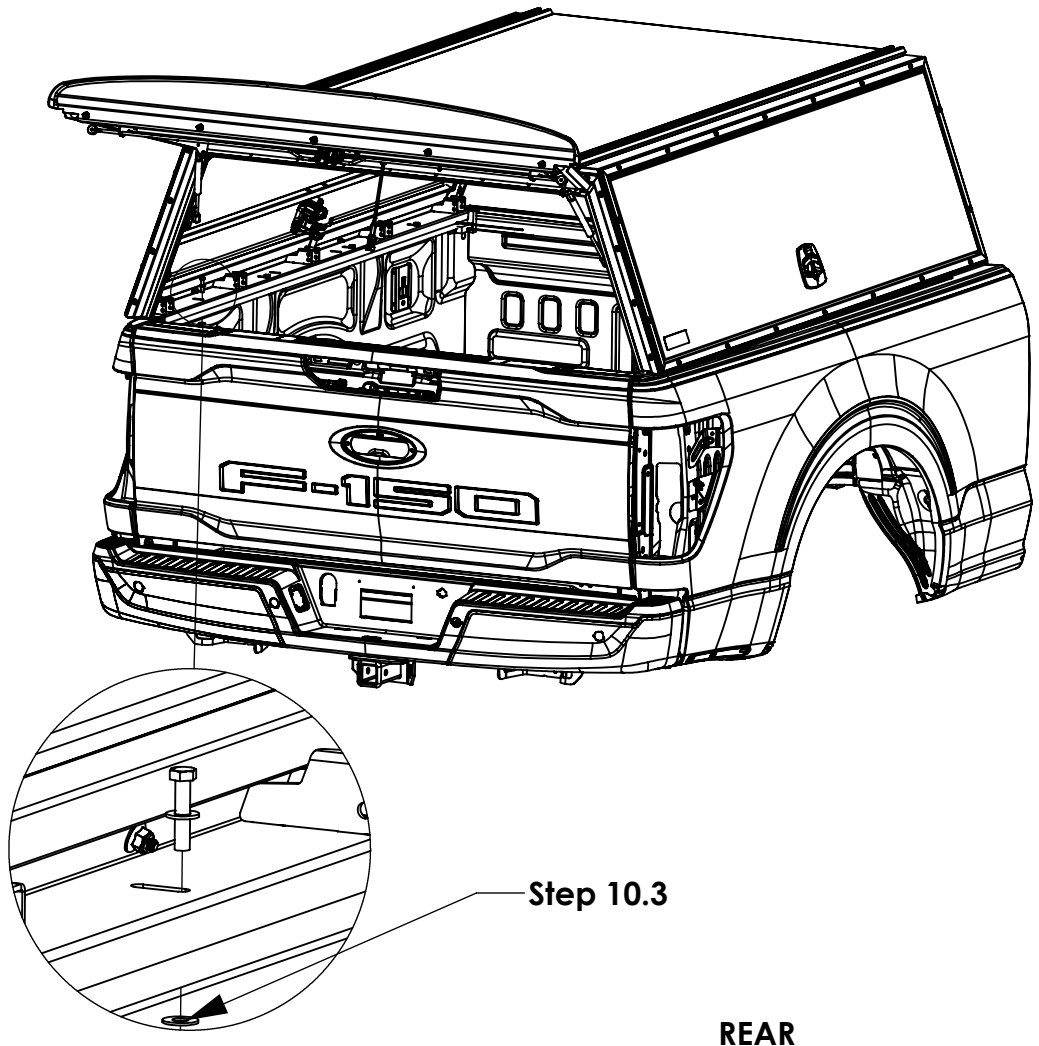
STEP 10 - ATTACH TOPPER TO TRUCK BED

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 10.3
USING THE HOLES
YOU JUST DRILLED
OUT, FASTEN THE
TOPPER TO THE
TRUCK BED.
FAS0242,
FAS0552 [x2],
FAS0248

(8 PLACES)
1/2" SOCKET
1/2" WRENCH

Step 10.4
ADD TO BOTH
SIDES SILICONE
BETWEEN FRONT
PANEL GAP AND
BED RAIL, AND
REAR OF TOPPER.

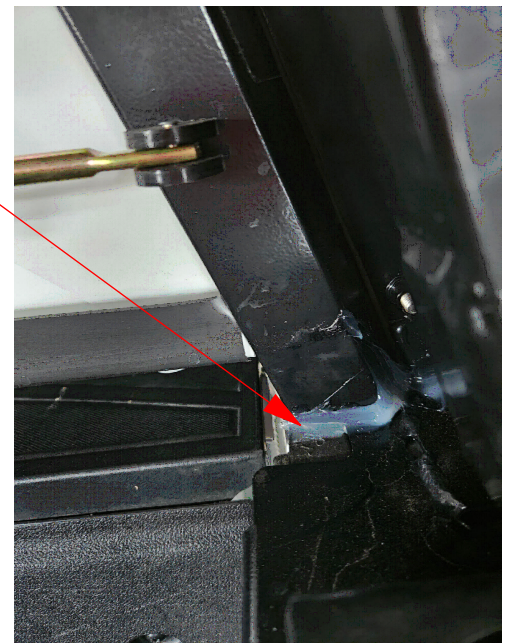


FRONT

REAR



Step 10.4



MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

STEP 10 (CON'T) - 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 10.4
COLORADO
TOPPER.
ALIGNMENT IS
BASED OFF OF
THE TAILGATE
AND THE SIDE BED
RAILS.

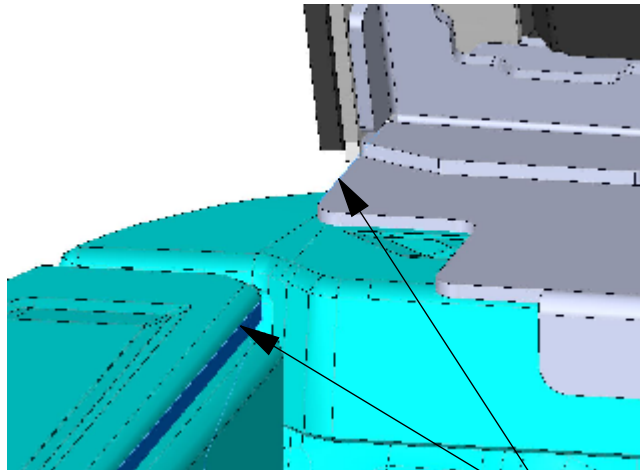
THESE 2 FACES
SHOULD BE
ALIGNED.

Step 10.5
USING THE HOLES
YOU JUST DRILLED
OUT, FASTEN THE
TOPPER TO THE
TRUCK BED.
FAS0242,
FAS0552 [x2],
FAS0248

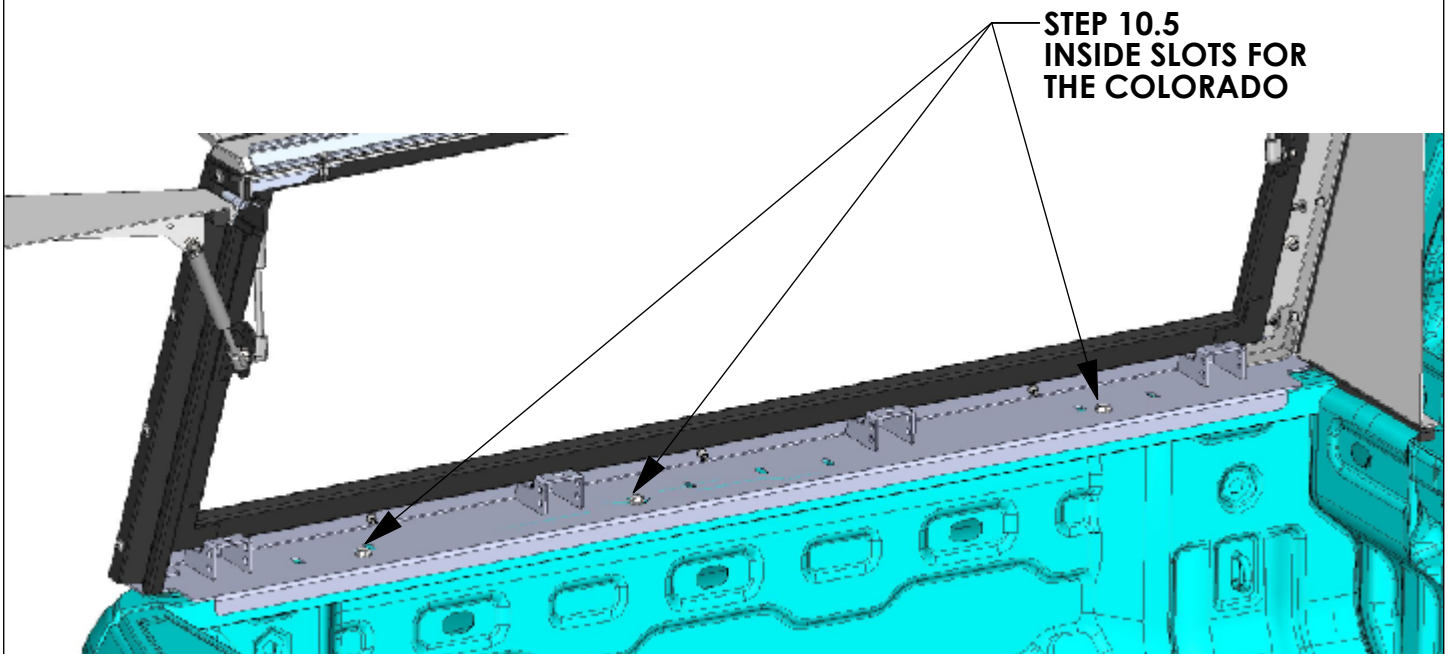
(6 PLACES)
1/2" SOCKET
1/2" WRENCH

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.



Step 10.4
IN LINE



STEP 10.5
INSIDE SLOTS FOR
THE COLORADO

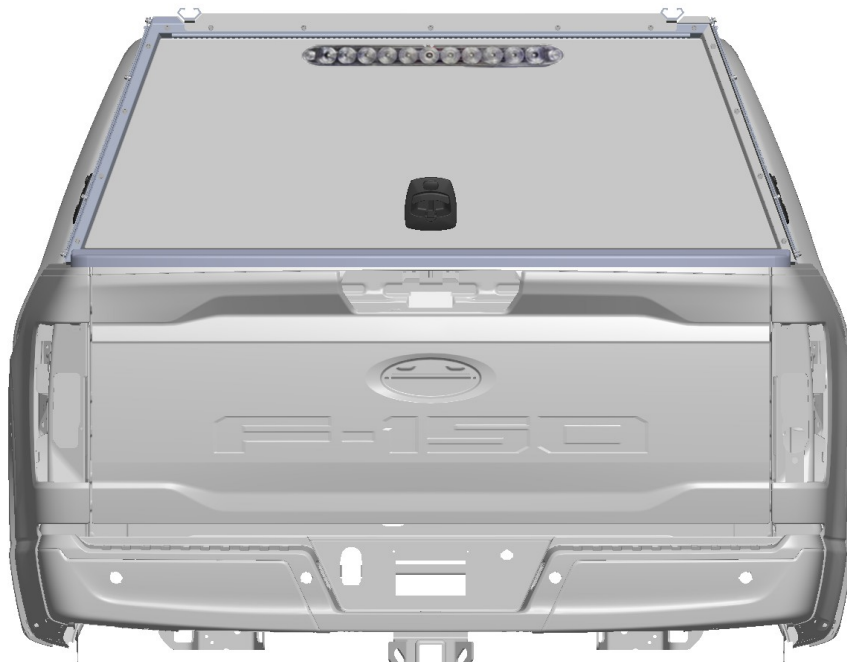
MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

Introduction / Comments:

Install Instructions For Brake Light On Topper For F150 (5.5'/6.5' & 8')

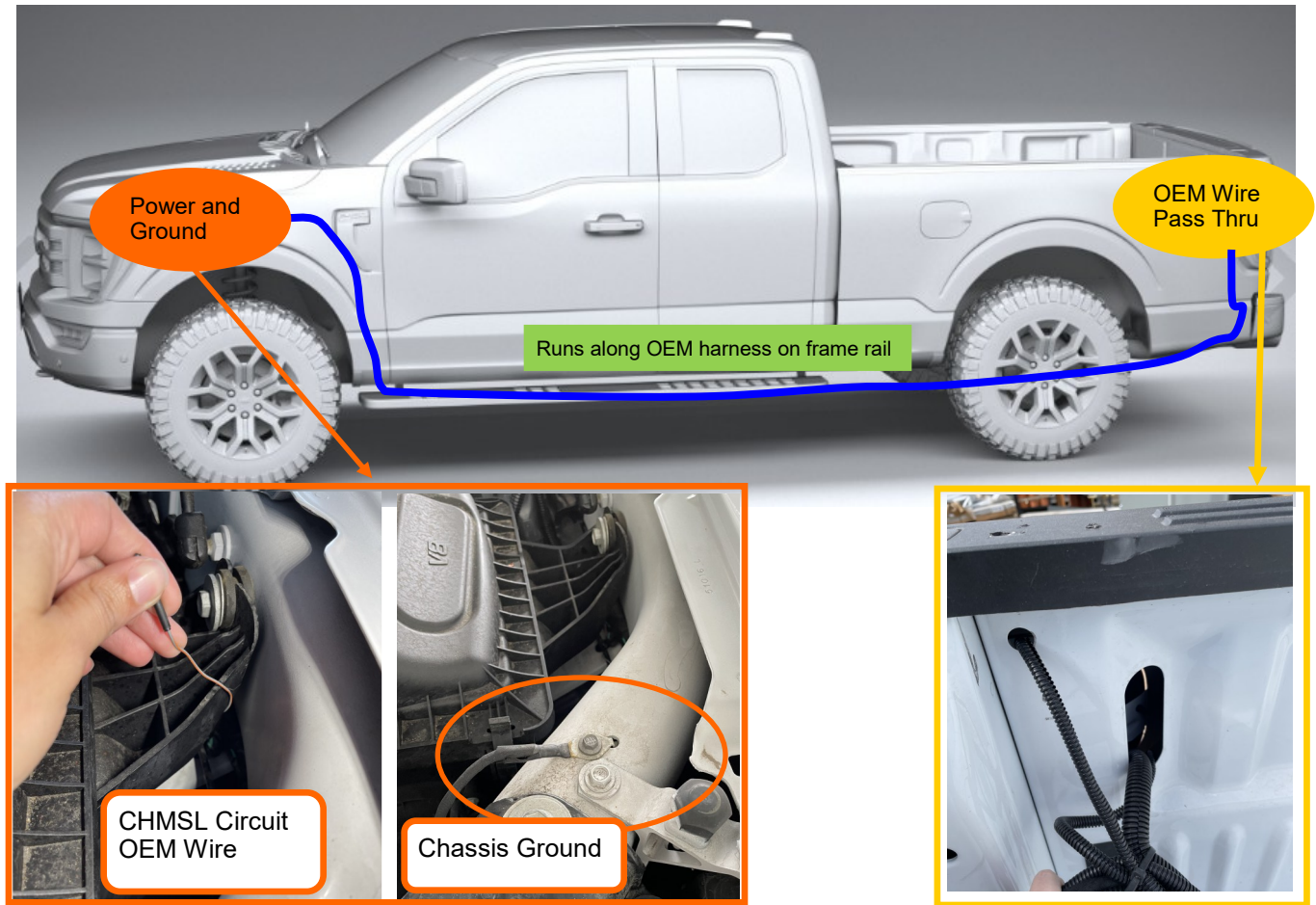
Note:

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.

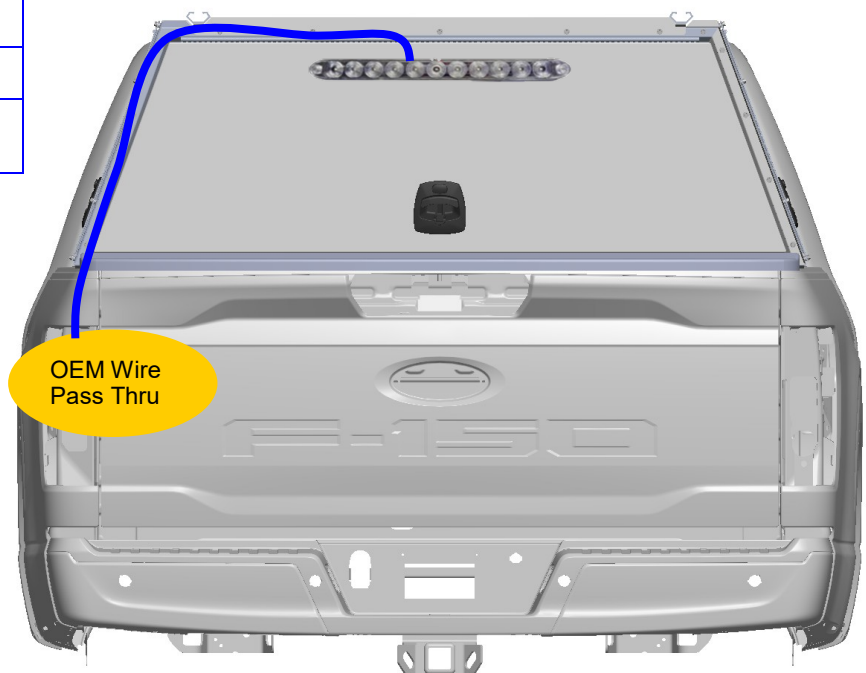


Installation Instructions For Brake Light On Topper For F150 (5.5'/6.5' & 8')

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 71668.

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

Step 2: Open the vehicle hood.

Locate the driver's side frame OEM harness. Follow the harness forward of the truck, until you reach the hood shock area.

There will be a small grey/orange wire separate from the OEM harness. It will have a black covering on the end.

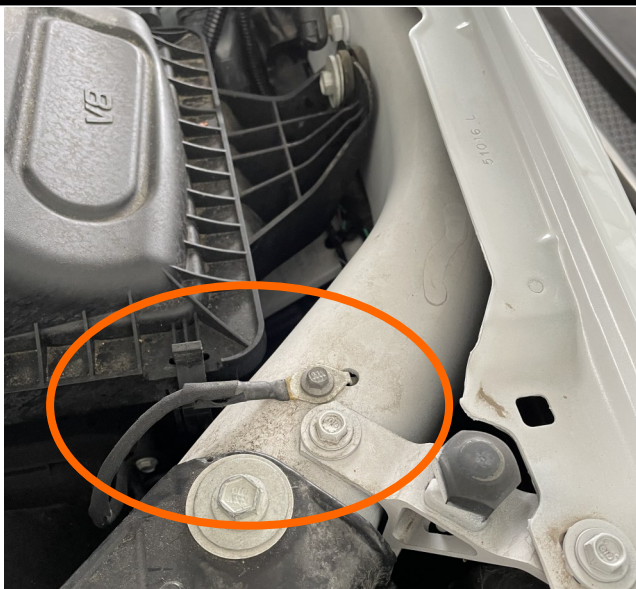
*** Please note the Hybrid F150 may have a green/purple wire instead of grey/orange.

This is the OEM CHMSL circuit wire for the brake light.

Strip the wire covering and prepare it to be connected to the brake light harness.

Locate the end of the harness (PN71668) 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.



Step 3: Locate the OEM chassis ground located on the frame—forward of the CHMSL circuit.

Secure the ring terminal on the brake light harness to the chassis ground.

Torque the ground to 9Nm (80 in lb).



Excess Wire Under Body



Use if grommet is not available

Bed Pass Thru Grommet

Step 4: Routing (Refer to routing diagrams at the beginning of the instructions)

Route the brake light harness rearward and down the engine compartment to the frame (red dotted line).

Follow the OEM wire harness on the frame rearward to the bumper of the truck.

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

Drill a hole in the OEM grommet, for the pass thru. If the grommet has a light in place of it, please utilize the round hole that is up and to the right of it.

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 after routing through the grommet.

Tuck any excess wiring into the empty cavity underneath the bed frame.

For **REV B** of the harnesses there will be a tek screw and p-clip supplied in the bag. 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.

Be sure the bundle of wire is secure and will not fall out over time.



Step 5: 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)

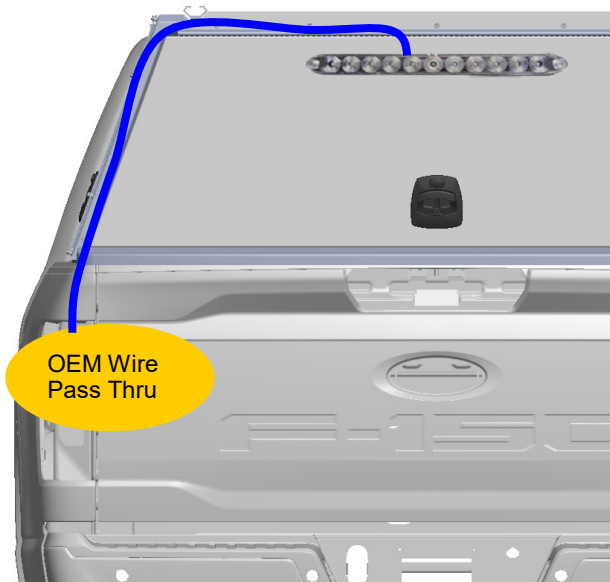
Be sure to leave extra wire from the brake light to the topper rails before securing. This ensures the wires won't brake when the topper door opens and closes.

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.