INSTR. NUMBER : 71622	PG: 1	REV: V
PART NUMBER : TFK__T178HM23W		
PART DESC. : ASM INS, TFK__T178HM23W		

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

BOM FOR 6.5' F-150

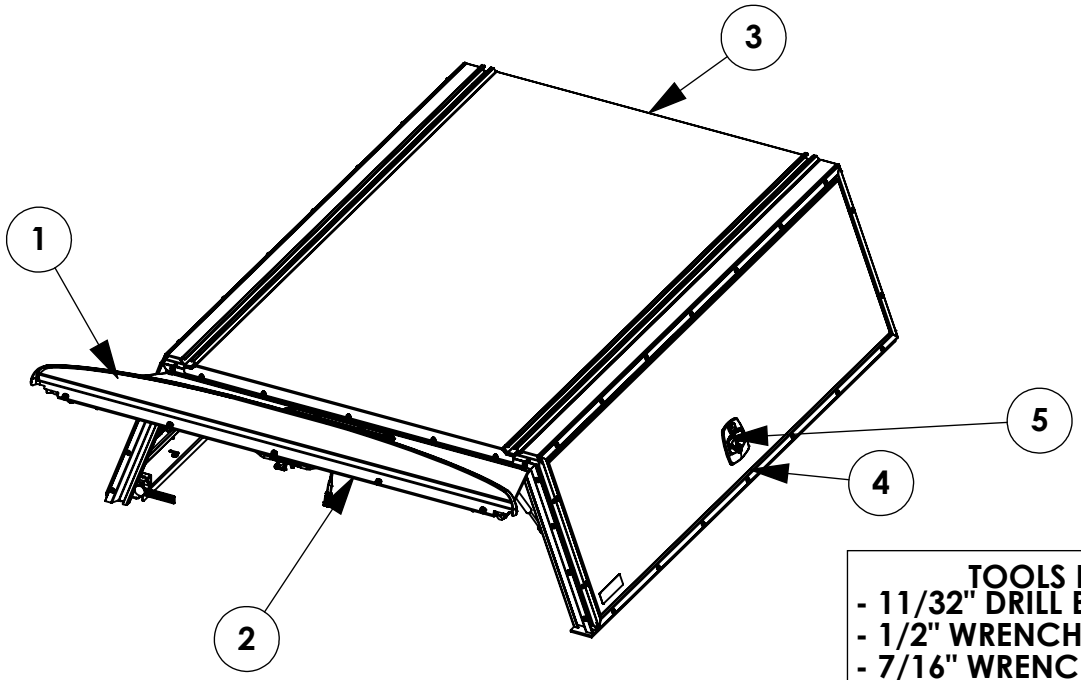
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK78M23W	TOP, SIDE KIT,78",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK7823W	TOP, ROOF KIT,78",23,W	1
4	THKFDT178M23	HDW KIT, TFKFDT178HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** 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**



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

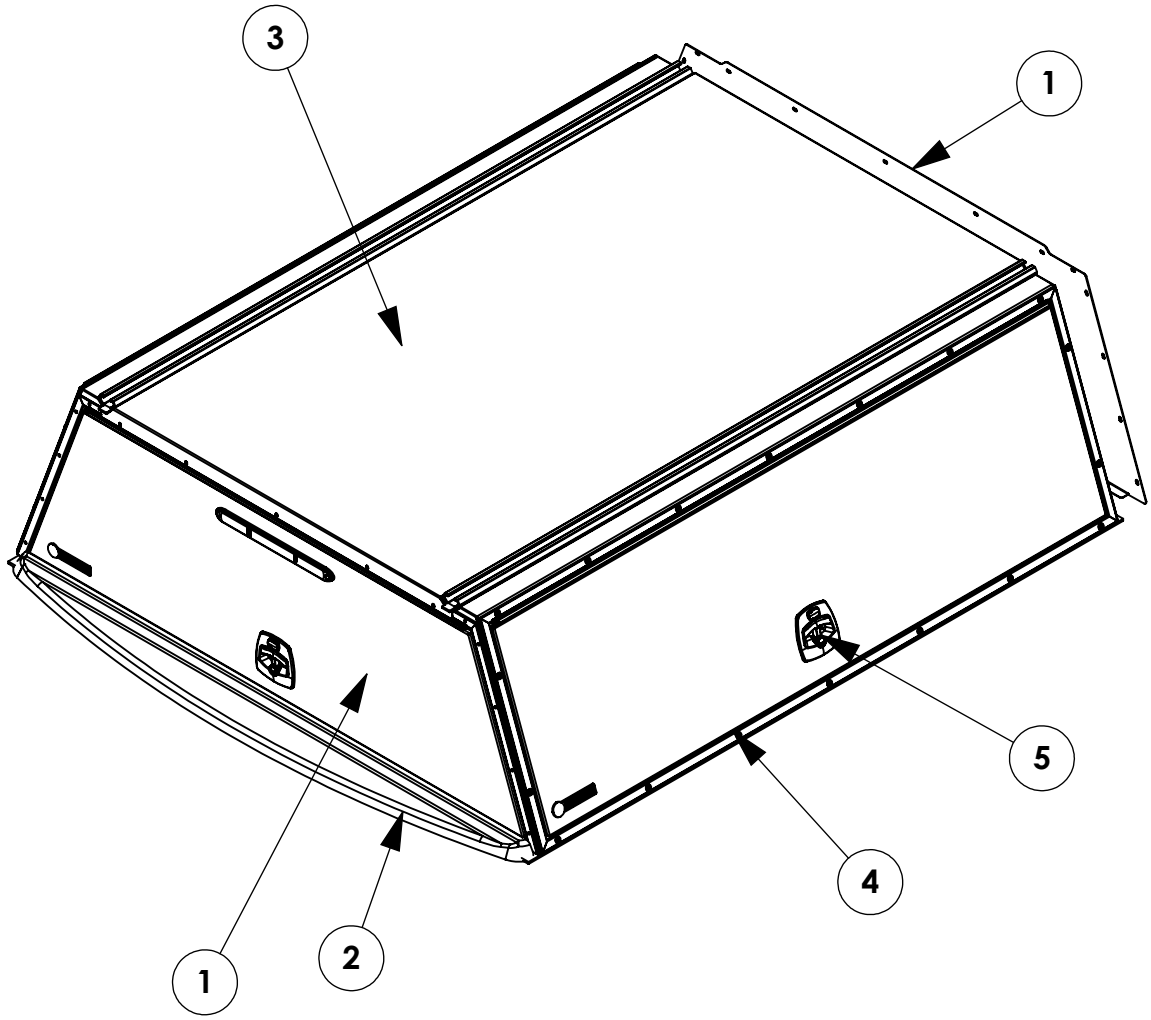
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
2	THKRAM175M23	HDW KIT, TCKRAMT175HM23W	1
3	TRK7523W	TOP, ROOF PANEL KIT, RAM	1
4	TSK75M23W	TOP, SIDE KIT, 78" RAM	2
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** 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

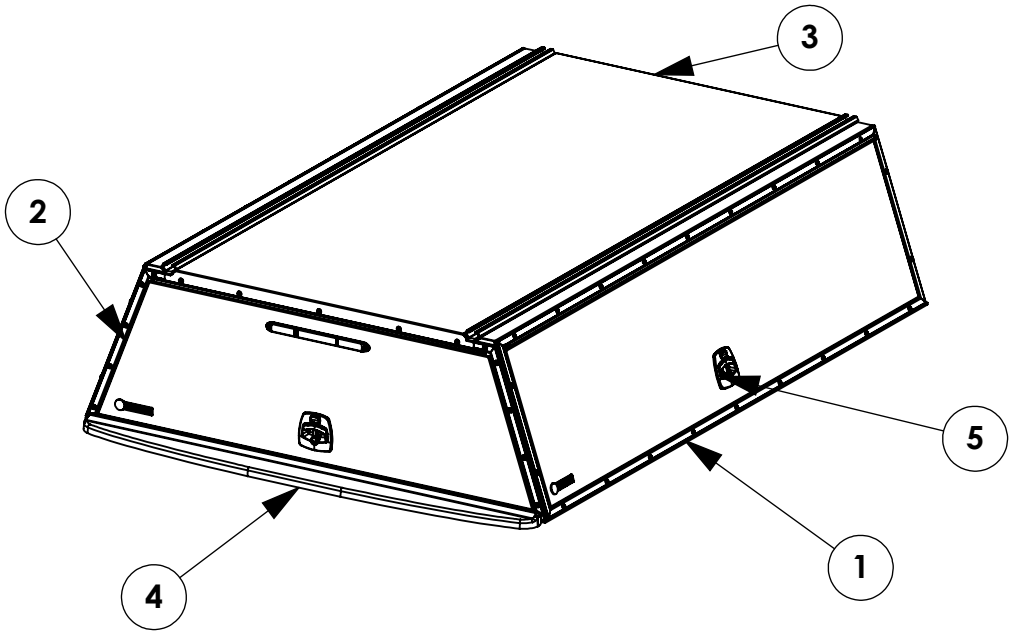
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M23W	TOP, SIDE KIT,96",M,23,W	2
2	TCK78HM23W	TOP,CLOSE KIT,78",HM23,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKGMT196M23	HDW KIT, TFKGMT196HM23W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** 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	PG:	REV:
71622	4	V

PART NUMBER : **TFK__T296HM26W**

PART DESC. : ASM INS, TFK__T178HM23W

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

BOM FOR 8.0' 26" TALL FORD F-150, F-250, F-350

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	THKFDT296M26	HDW KIT, TFKFDT296HM26W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

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

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

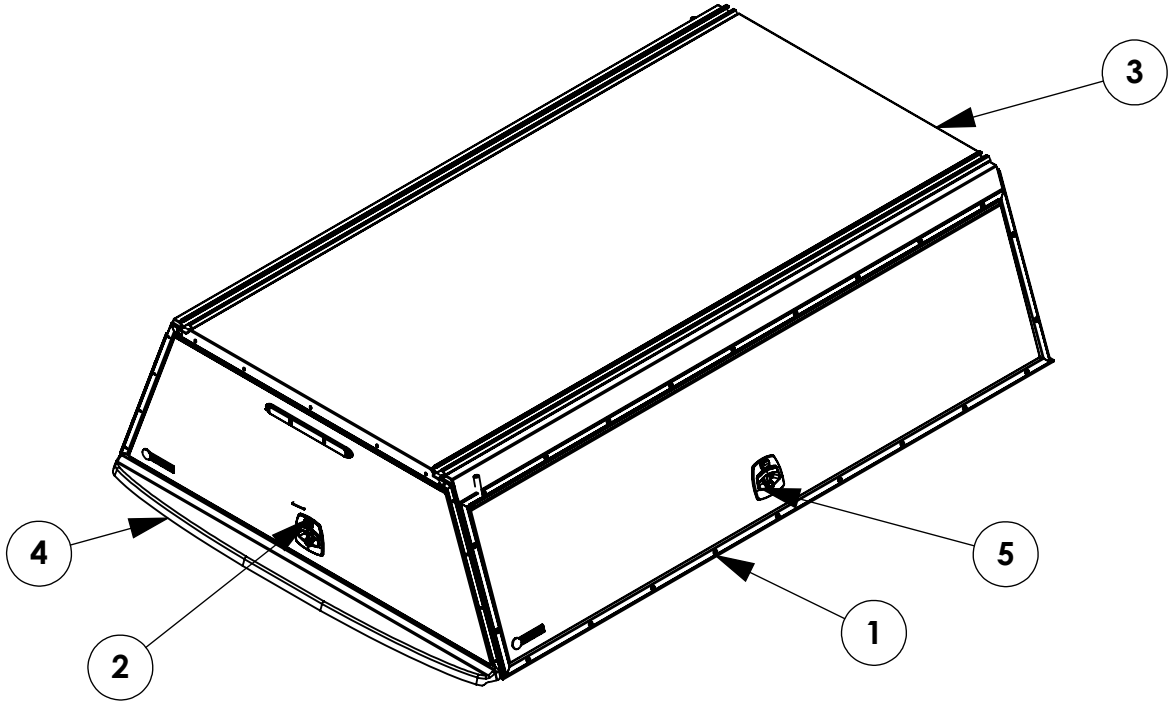
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK96M26W	TOP, SIDE KIT,96",M,26,W	2
2	TCK80HM26W	TOP,CLOSE KIT,80",HM263,W	1
3	TRK9623W	TOP, ROOF KIT,96",23,W	1
4	THKGMT296M26	HDW KIT, TFKGMT296HM26W	1
5	TMLHK	Topper Mechanical Lock Hatch Kit	1

*** 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**



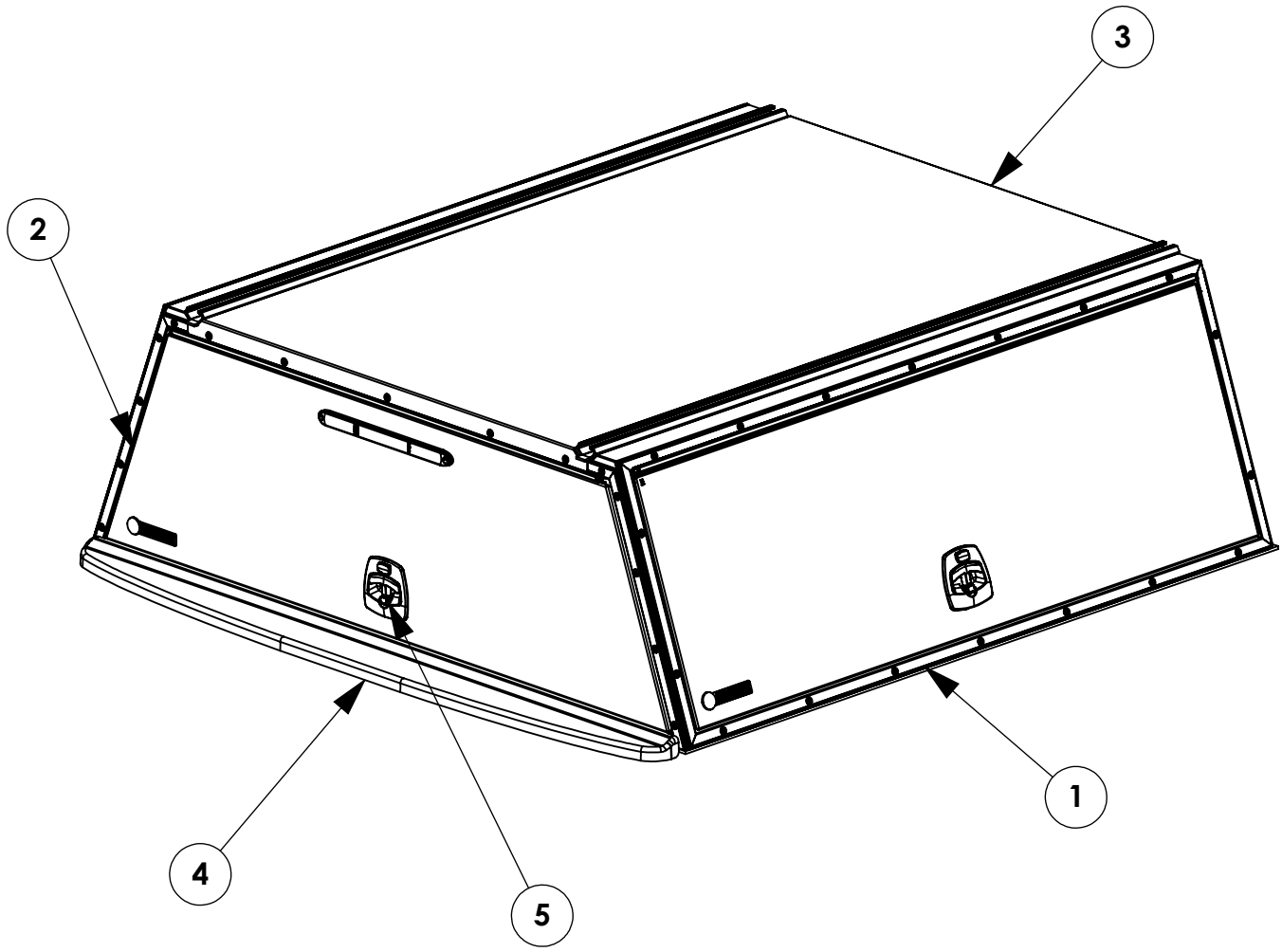
INSTR. NUMBER : 71622	PG: 5	REV: V
PART NUMBER : TFKFDT166HM23W		
PART DESC. : ASM INS, TFK__T178HM23W		

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**



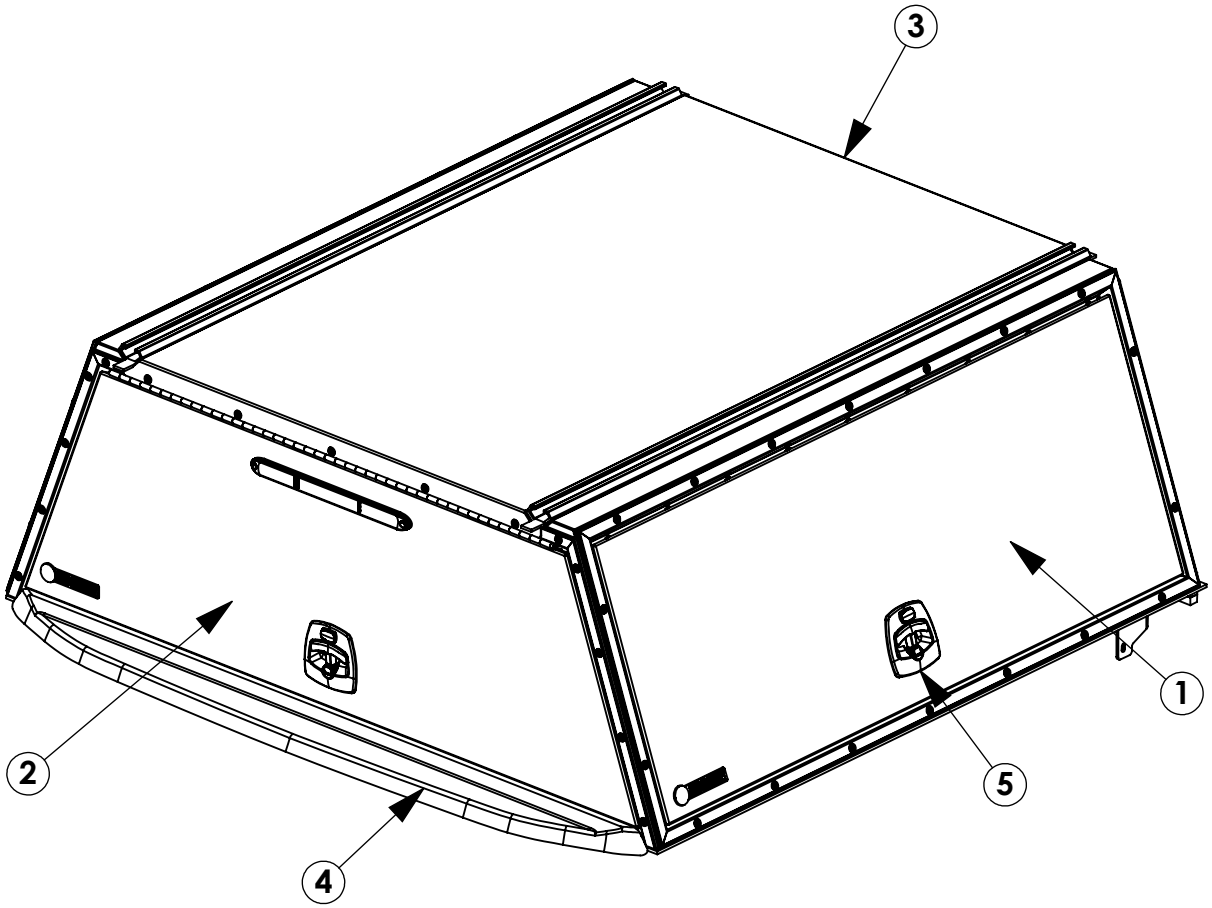
INSTR. NUMBER : 71622	PG: 6	REV: V
PART NUMBER : TFKRNG160HM23W		
PART DESC. : ASM INS, TFK__T178HE23W		

BOM FOR 5' FORD RANGER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSKRNG60M23W	TOP, SIDE KIT,60", RANGER,M,23,W	2
2	TCK72HM23W	TOP,CLOSE KIT,72",HM23,W	1
3	TRK6023W	TOP, ROOF KIT,60",23,W	1
4	THKRNG160M23	HDW KIT, TFKNFT172HM23W	1
5	TMLHK	TOPPER MECHANICAL LOCK HATCH KIT	1

E-LOCK VERSION: TFKRNG160HE23W

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



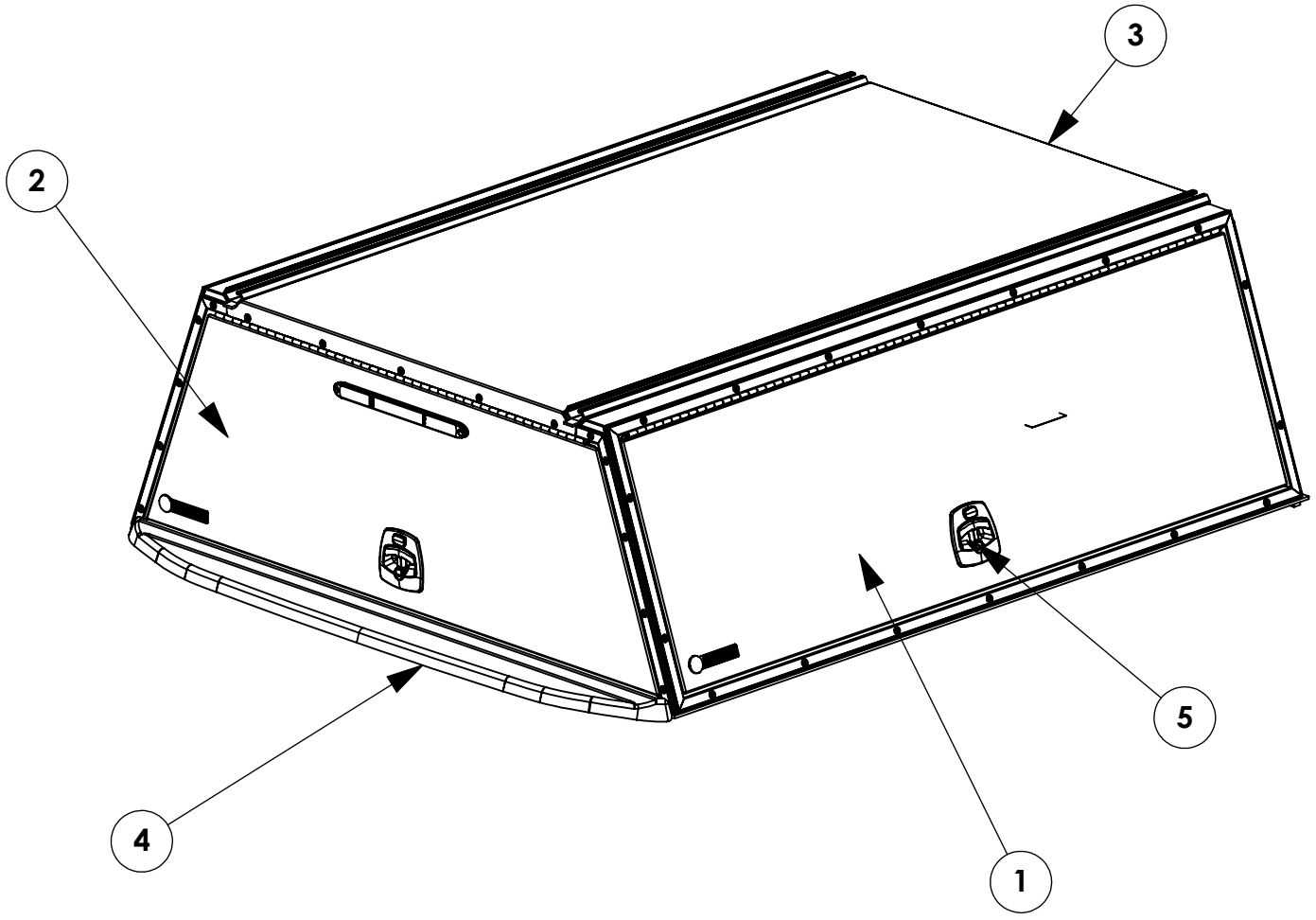
INSTR. NUMBER : 71622	PG: 7	REV: V
PART NUMBER : TFKNFT172HM23W		
PART DESC. : ASM INS, TFK__T178HM23W		

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**



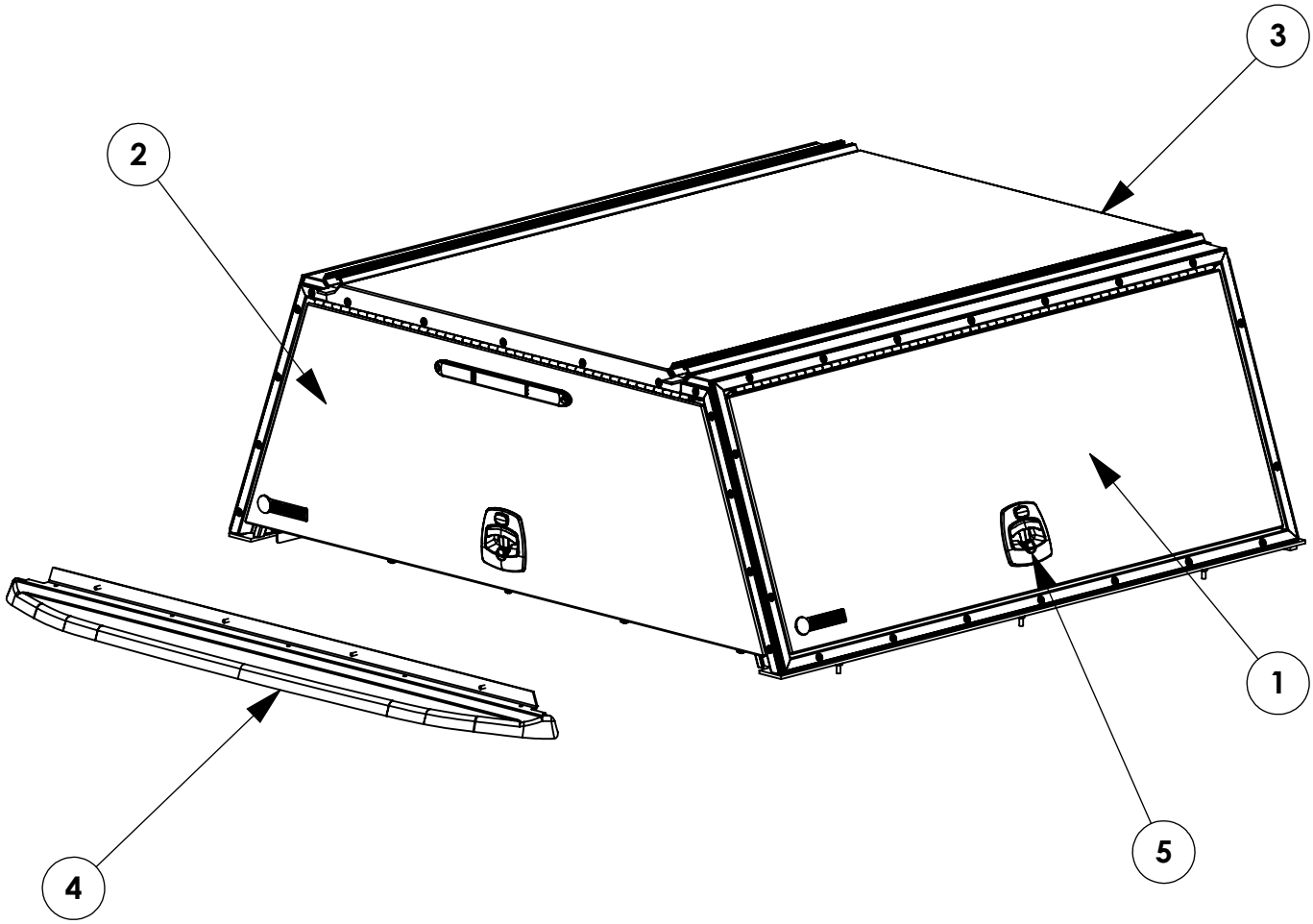
INSTR. NUMBER : 71622	PG: 8	REV: V
PART NUMBER : TFKNFT160HM23W		
PART DESC. : ASM INS, TFK__T178HM23W		

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. NUMBER : 71622	PG: 9	REV: V	BOM FOR 5.1' 23" TALL COLORADO

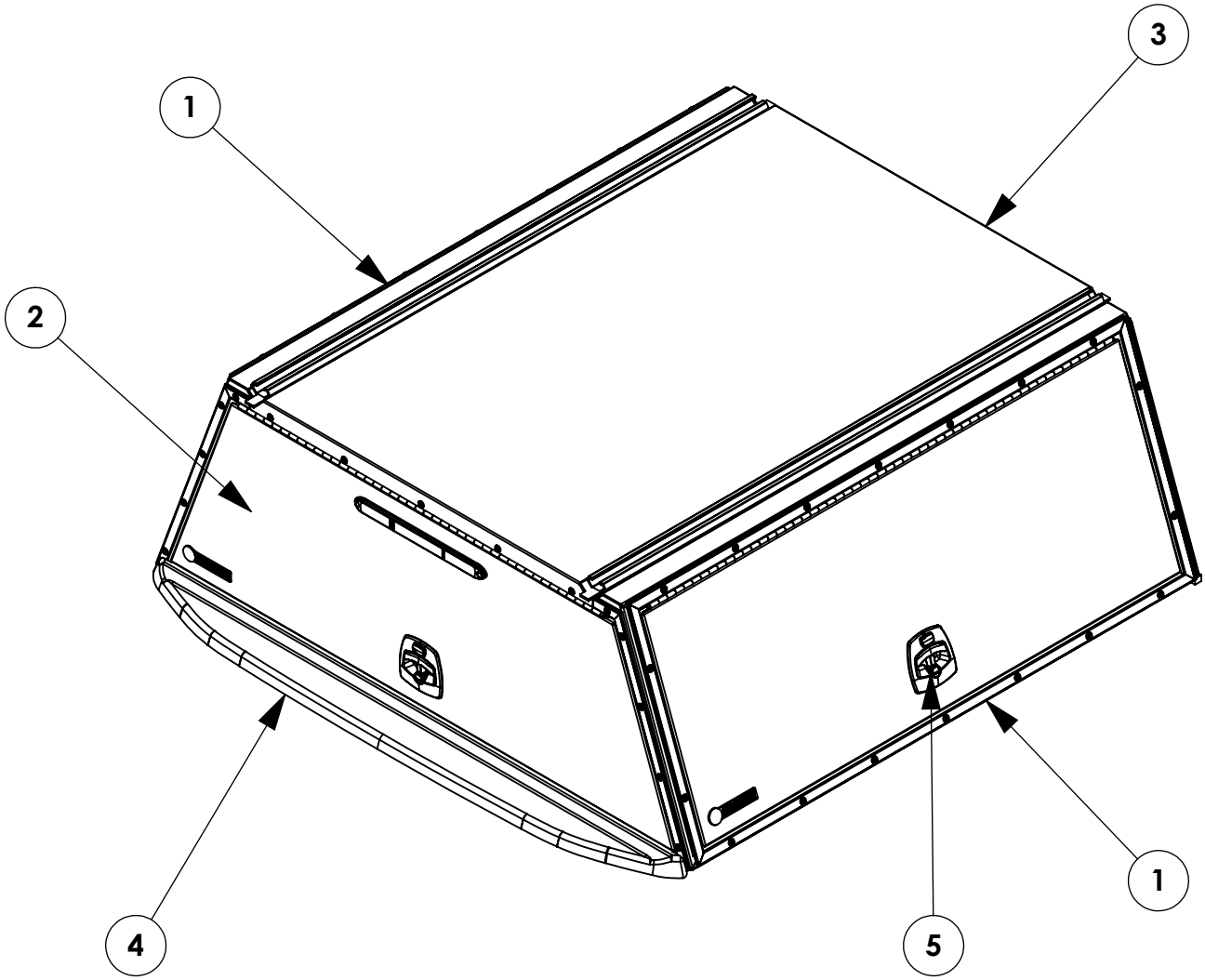
PART NUMBER : **TFKNFT160HM23W**

PART DESC. : ASM INS, TFK__T178HM23W

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
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. NUMBER	PG:	REV:
71622	10	V

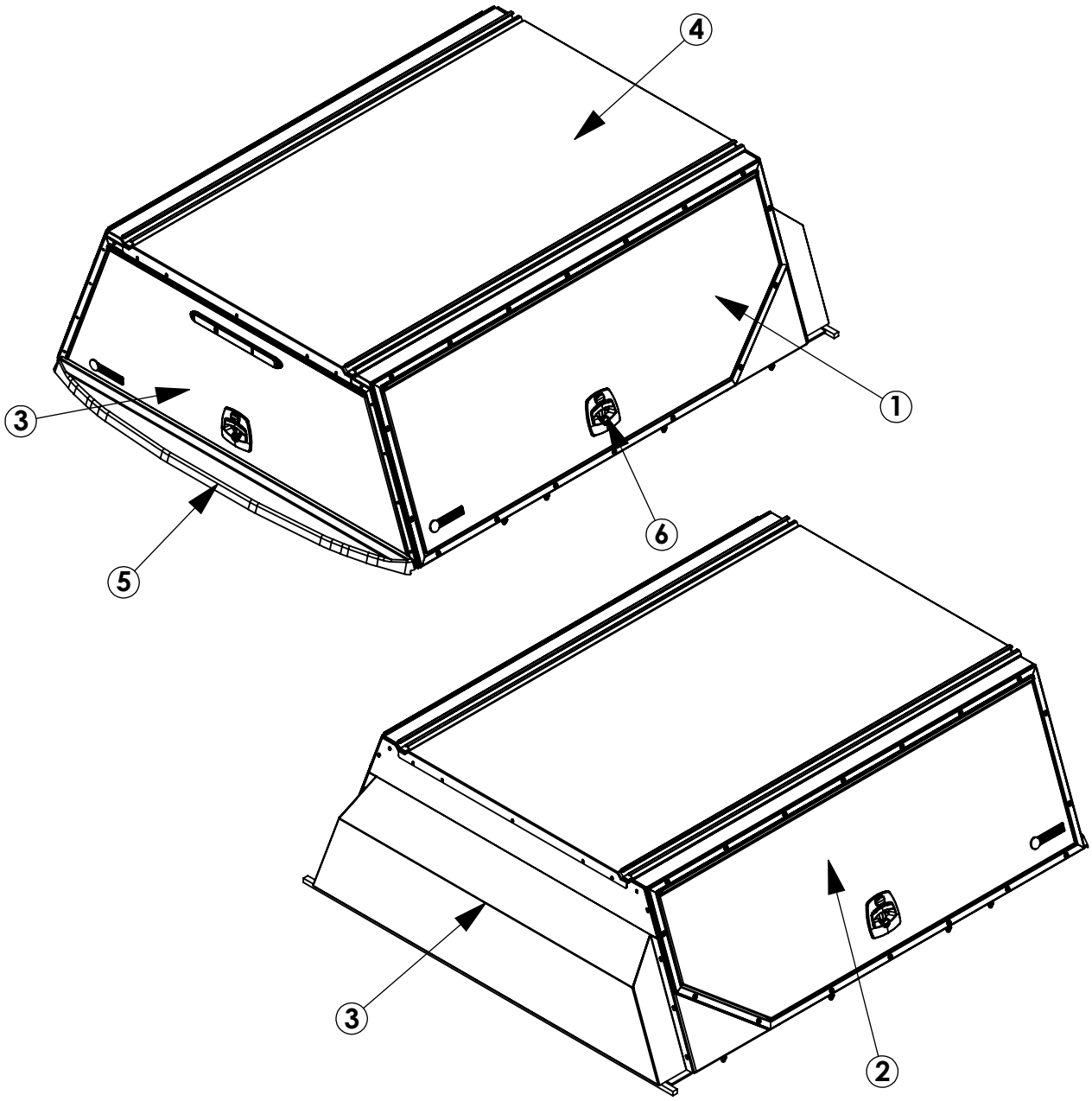
PART NUMBER : **TFKGME169HM23W**

PART DESC. : ASM INS, TFKGME169HM23W

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

BOM FOR 69" 23" TALL SILVERADO EV 1500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TSK69M23WPS	TOP, SIDE KIT,SILVERADO EV, 69", PS	1
2	TSK69M23WDS	TOP, SIDE KIT,SILVERADO EV, 69",DS	1
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	PG:	REV:
71622	11	V

PART NUMBER : **TFKGMT280HM23W**

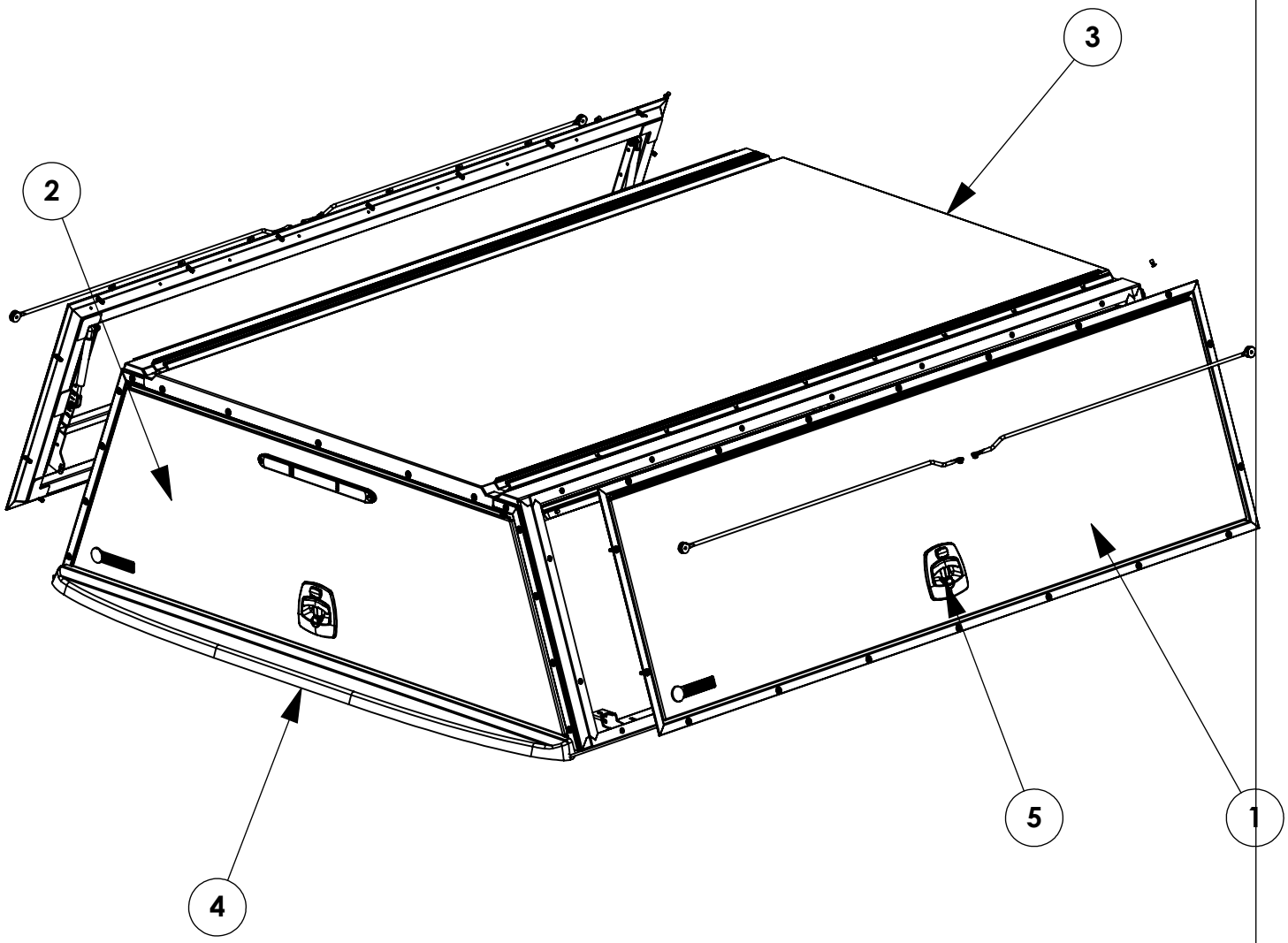
PART DESC. : ASM INS, TFK__T178HM23W

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	PG:	REV:
71622	12	V

PART NUMBER : **TFKGMT170HM23W**

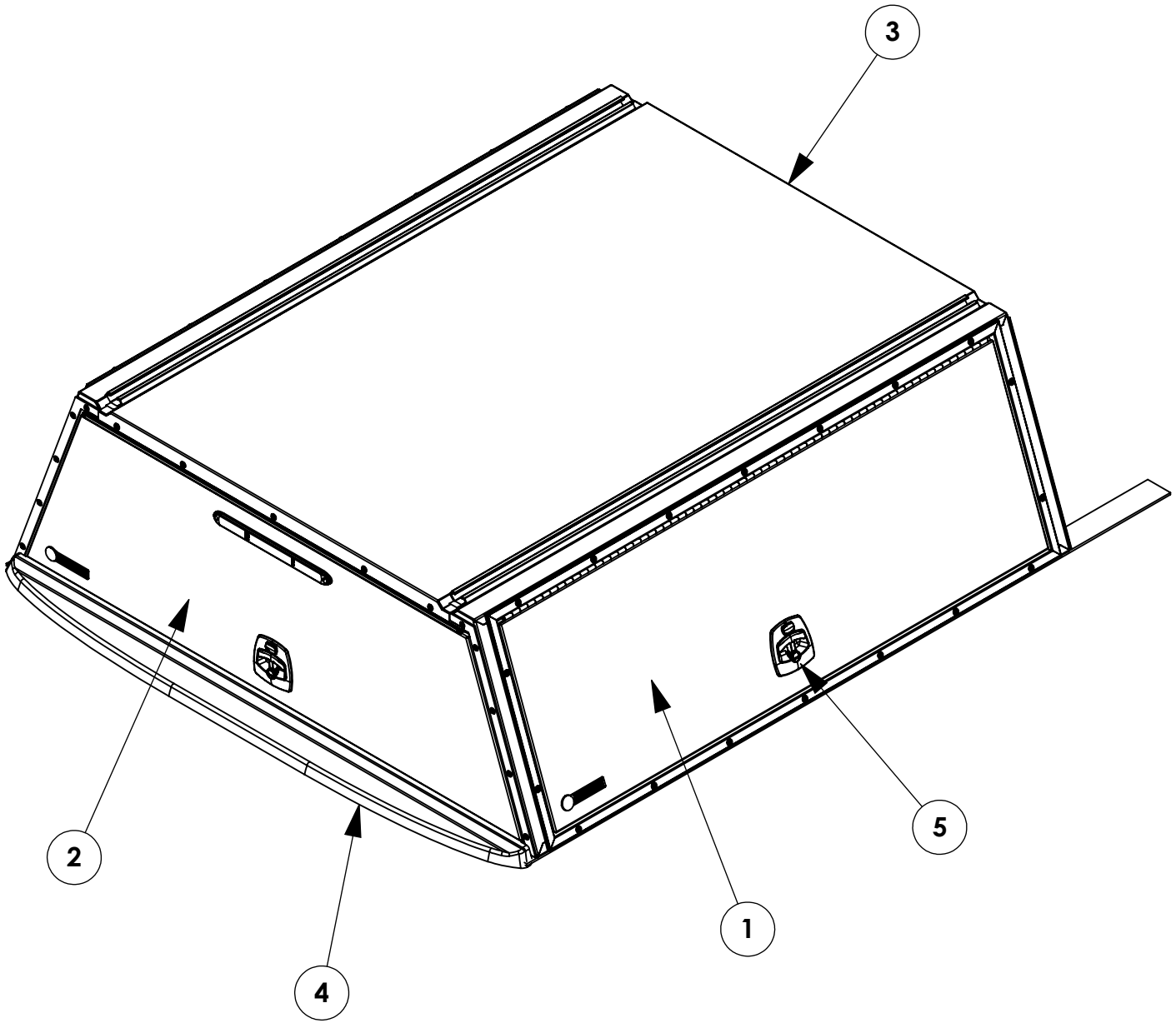
PART DESC. : ASM INS, TFK__T178HM23W

BOM FOR 70" 23" TALL SILVERADO 1500

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**



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).

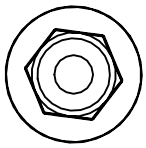
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

INTENTIONALLY LEFT BLANK

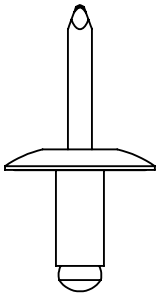
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

FASTENERS USED

BAG REFERENCE: **ALL**

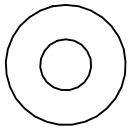


FAS0055
1/4-20 ZP
HFLNG NLK NUT
QTY: 10

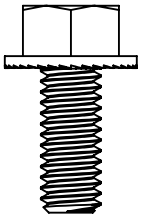


FAS1014
.25X.11GR AL
RIVET, BLND
QTY: 5

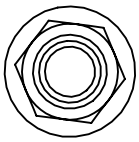
FAS0919
5/16-18 X 1.25 SST
BHC SCREW
QTY: 10



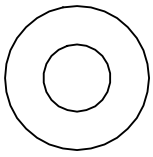
FAS0234
1/4 SST
FLAT WASHER
QTY: 30



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

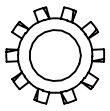


FAS0440
5/16-18 ZP
HFLNG NLK NUT
QTY: 16

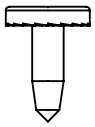


FAS0552
5/16 SST
FLAT WASHER
QTY: 10

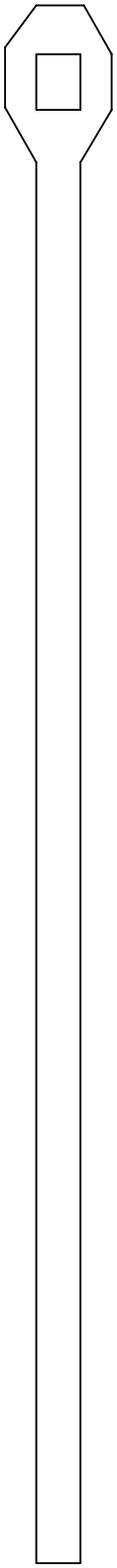
FAS0940
1/4-20 X 1.0 SS NP
BHTX SCREW
QTY: 30



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

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

FASTENERS USED

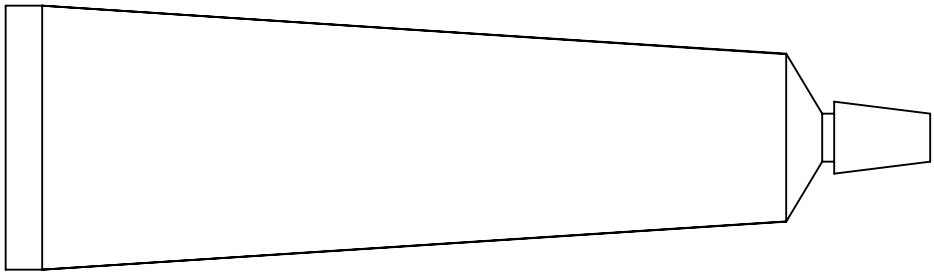
BAG REFERENCE: **ALL**

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

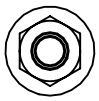


26618-0
1 OZ TUBE
SILICONE
QTY BAG71794: 2
QTY BAG71801: 2

INTENTIONALLY LEFT BLANK

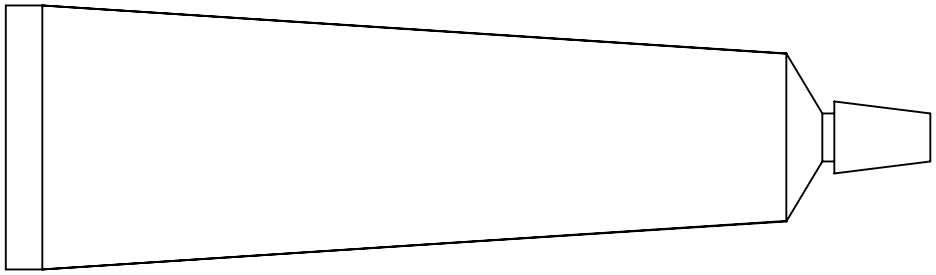
FASTENERS USED

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

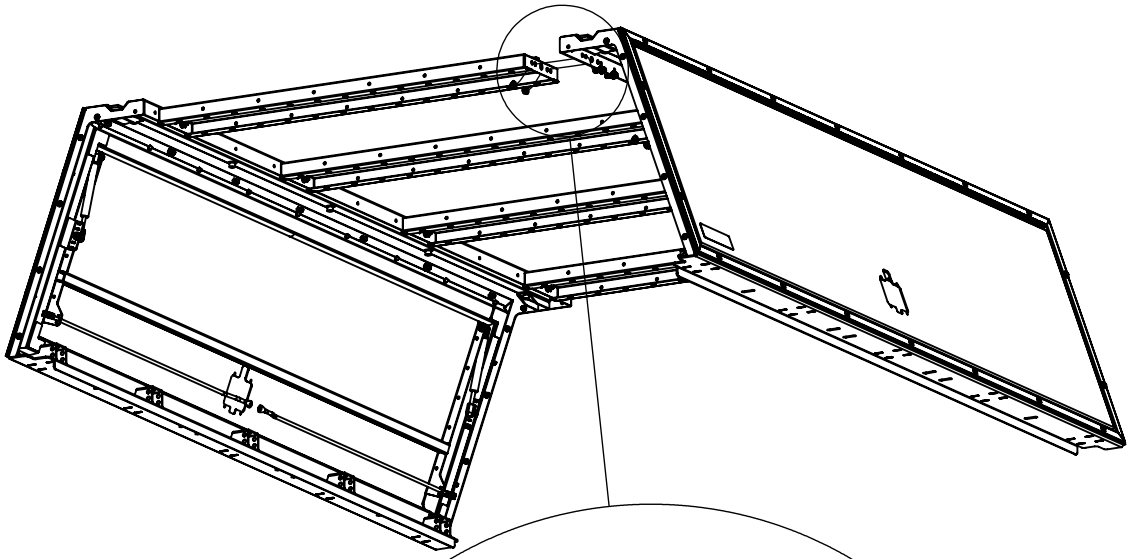
STEP 1 - ASSEMBLE BODY FRAME: SIDES AND CROSSBOWS

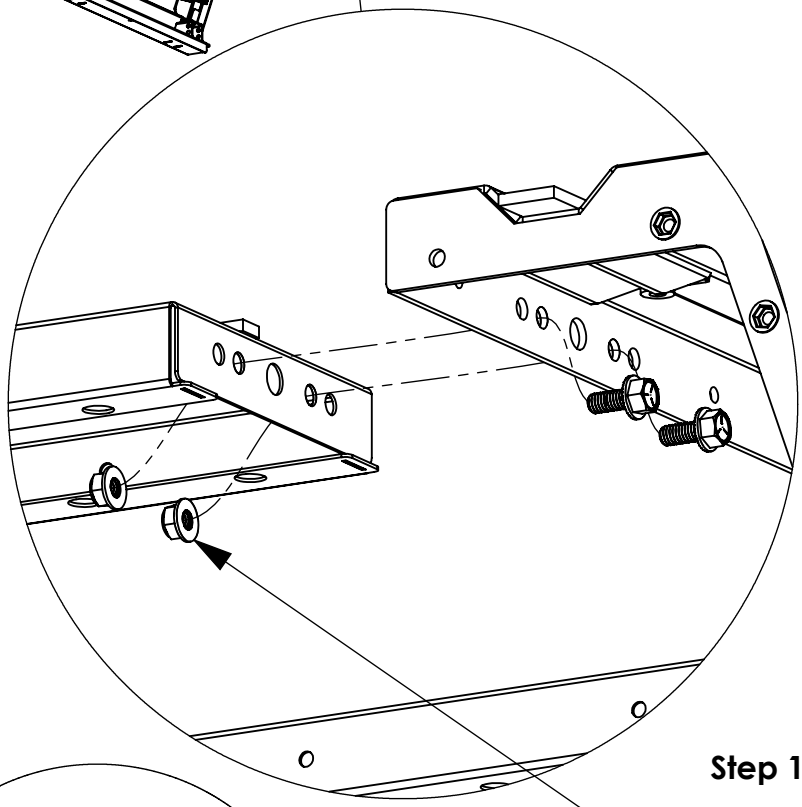
Step 1.1
OPEN [x2] TOPPER SIDE KITS [TSK78M23W]

Step 1.2
OPEN TOPPER ROOF KIT [TRK7823W]

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

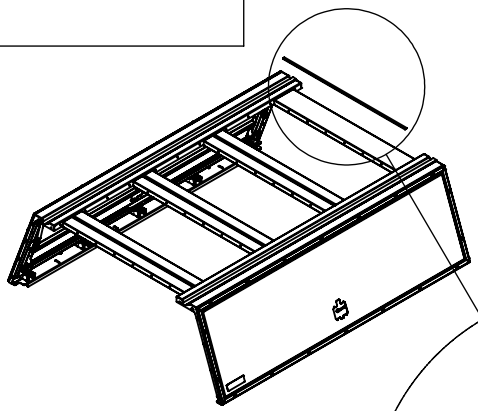
Step 1.4
ADD FOAM STRIP 80402 TO THE MIDDLE OF EACH CROSSBOW (4 PLACES)

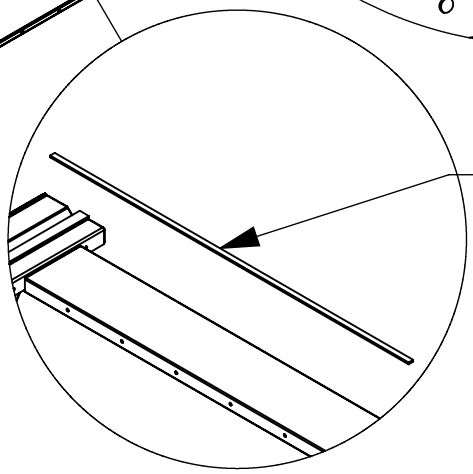




Step 1.3

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

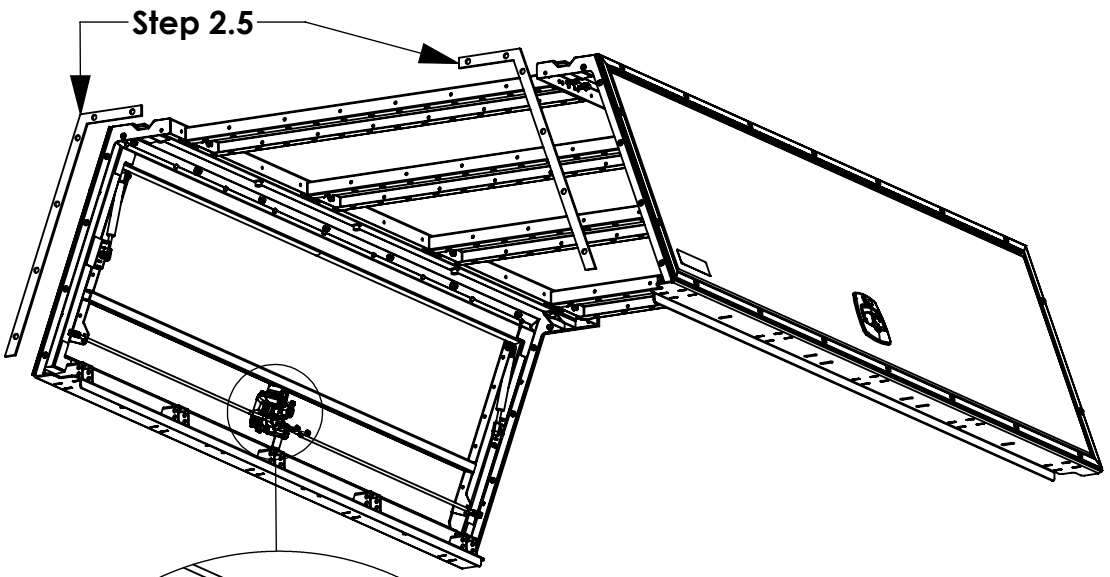
DO NOT OVERTIGHTEN

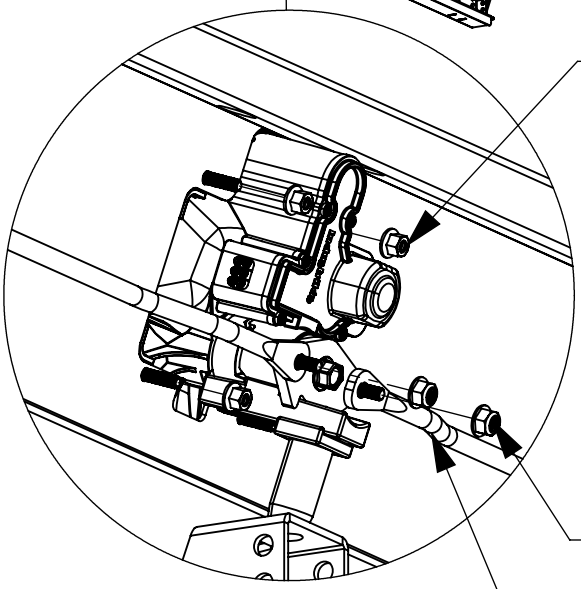
Step 2.4
ADJUST HANDLE POINT TO ALIGN WITH CASTING LINE ON HANDLE BODY
(APPROX: 1.0")

FULLY TIGHTEN
4mm ALLEN
(2 PLACES)

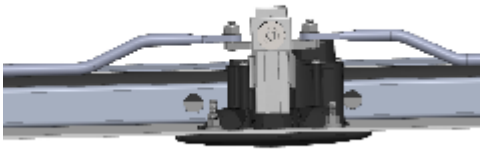
Step 2.5
APPLY FOAM SEALS TO ALL CORNERS.

USE HOLES IN SEAL TO ALIGN MATERIAL.

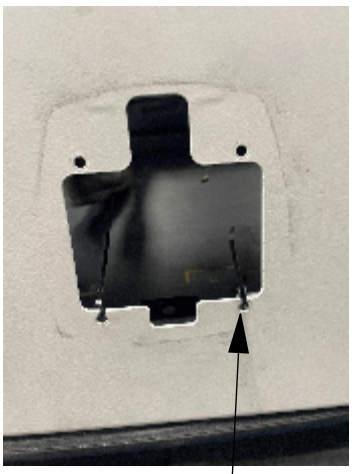


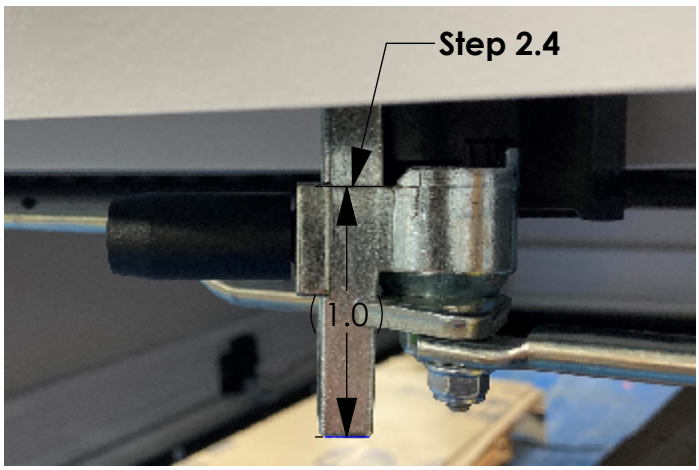


STOP STEP 2.2 & 2.3 HAVE DIFFERENT SIZED FASTENERS



NOTE THAT ORIENTATION OF LOCKRODS IS CRITICAL STOP





STEP 3 - ATTACH FRONT PANEL

Step 3.1
OPEN TOPPER CLOSURE KIT [TCK78HM23W]

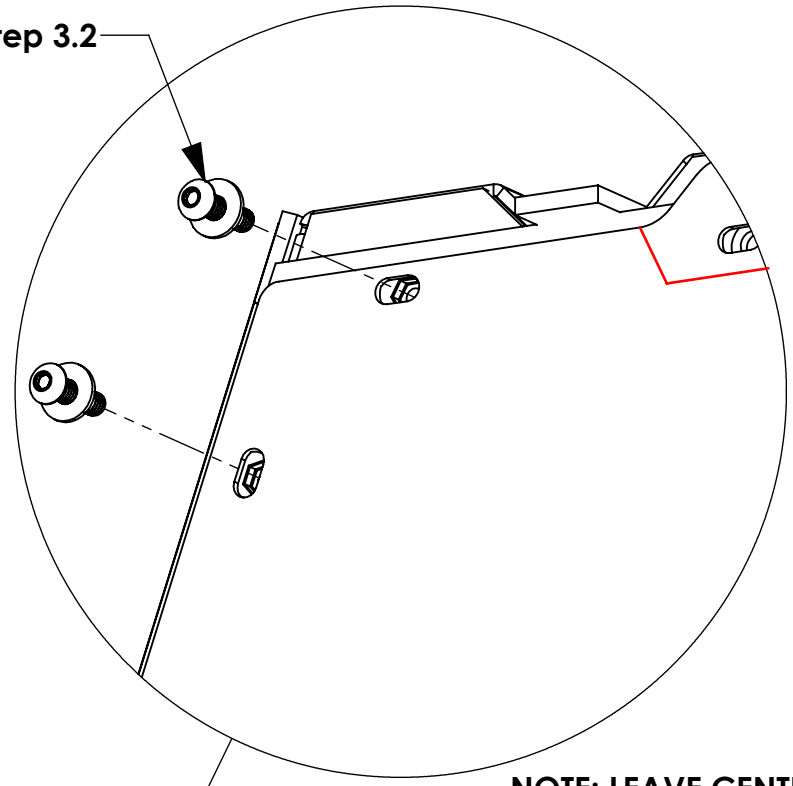
Step 3.2
ATTACH FRONT PANEL

<u>HAND TIGHTEN</u>
FAS0234, FAS0940 (10 PLACES)

DO NOT TIGHTEN UNTIL AFTER STEP 4

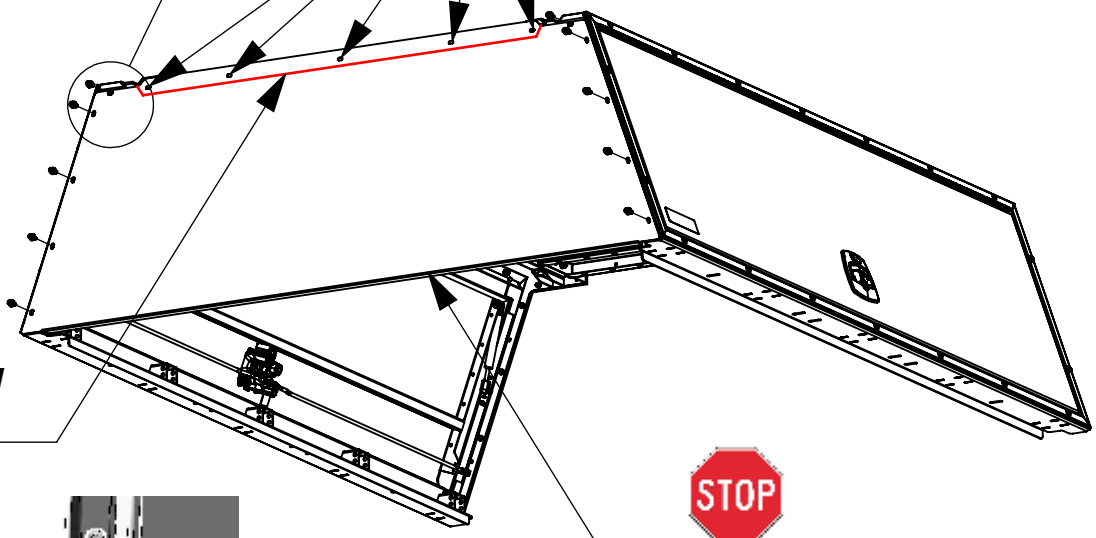
Step 3.2B
COLORADO FRONT PANEL FLANGE IS OUTBOARD

DO NOT TIGHTEN UNTIL AFTER STEP 4



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

STOP

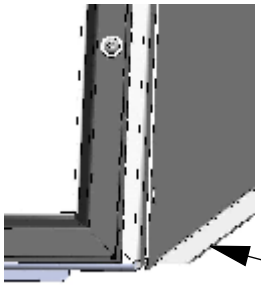


APPLY A STRIP OF SILICONE THEN RUNS THE LENGTH OF THE FRONT PANEL JUST BELOW THE SCREWS

STOP

NOTE: FRONT PANEL FLANGE GOES INBOARD.

SEE STEP 3.2B FOR THE COLORADO AS THE FLANGE IS OUTBOARD



STEP 3.2B

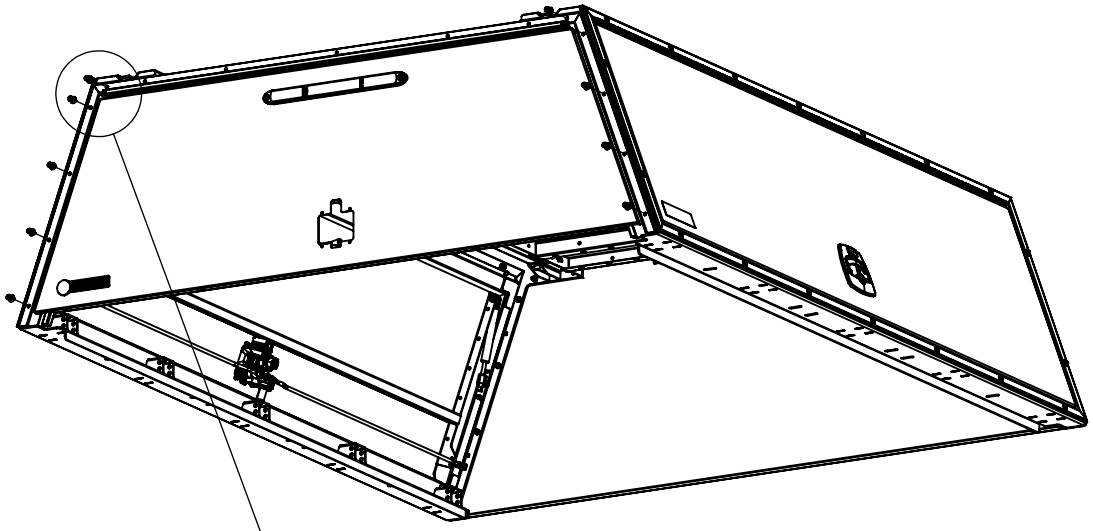
STEP 4 - ATTACH LIFTGATE

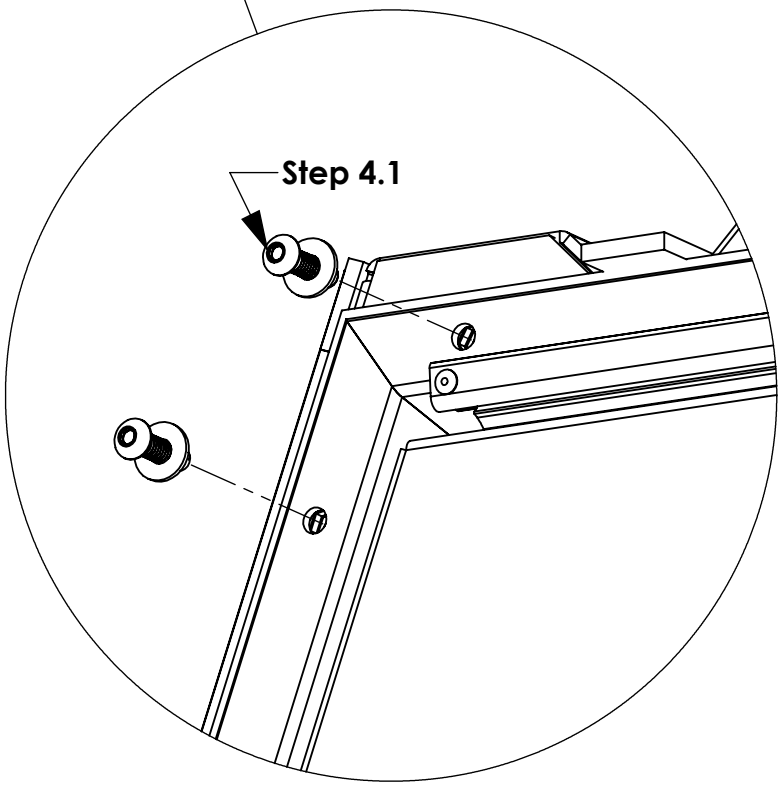
Step 4.1
ATTACH LIFTGATE FRAME

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

Step 4.2
GO BACK AND <u>FULLY TIGHTEN</u> FASTENERS FROM <u>STEP 3.2</u>

(10 PLACES)
5/32" ALLEN

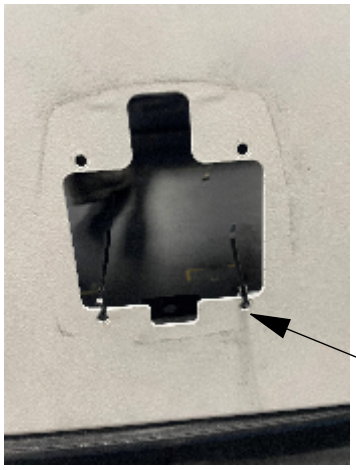


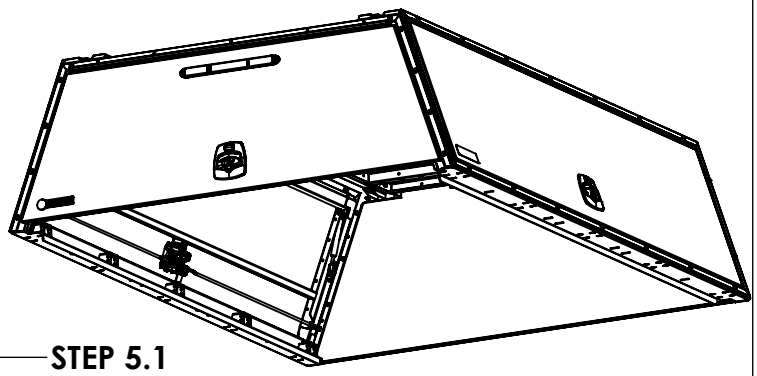


STEP 5 - ATTACH LIFTGATE HANDLE

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

!! CAUTION !!
DOOR MAY TRY TO OPEN.





Step 5.2
ATTACH HANDLE TO DOOR

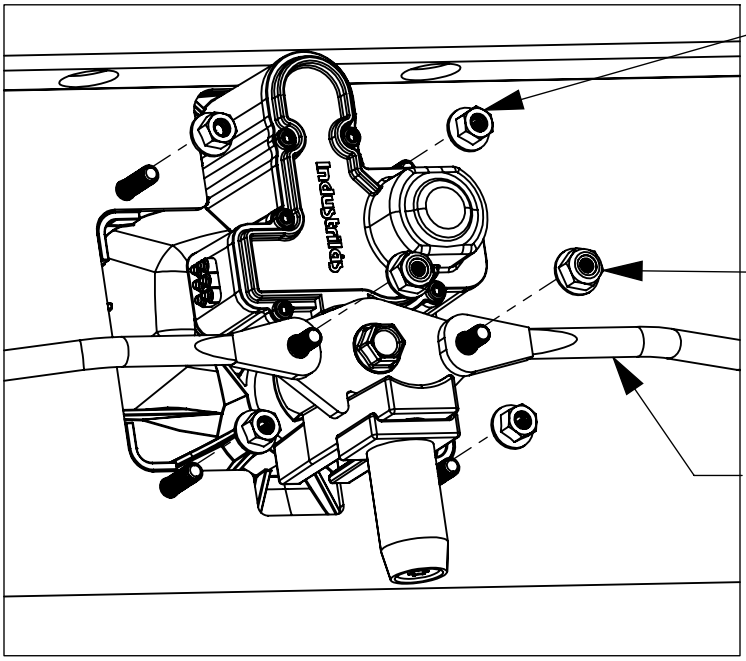
<u>FULLY TIGHTEN</u>
FAS0917
(4 PER DOOR)
M10 SOCKET

DO NOT OVERTIGHTEN

Step 5.3
ATTACH LOCKRODS TO HANDLE

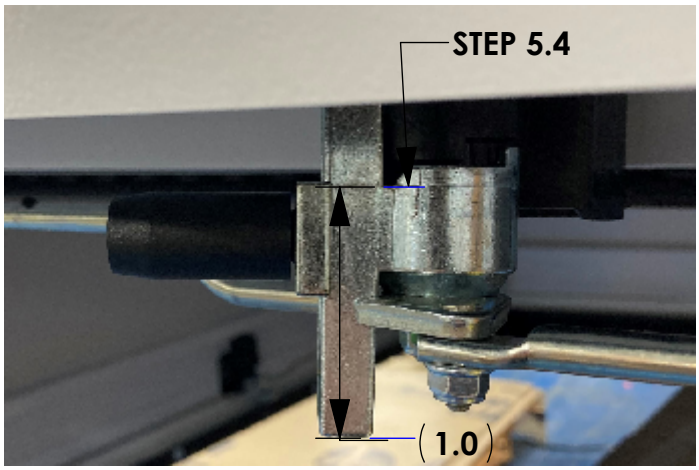
<u>FULLY TIGHTEN</u>
FAS0918
(2 PLACES)
M8 SOCKET

DO NOT OVERTIGHTEN



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.

Step 6.2
ATTACH MOUNTING RAILS TO TOPPER BODY.

USE AN ALIGNMENT PUNCH TO POKE THROUGH SEALS

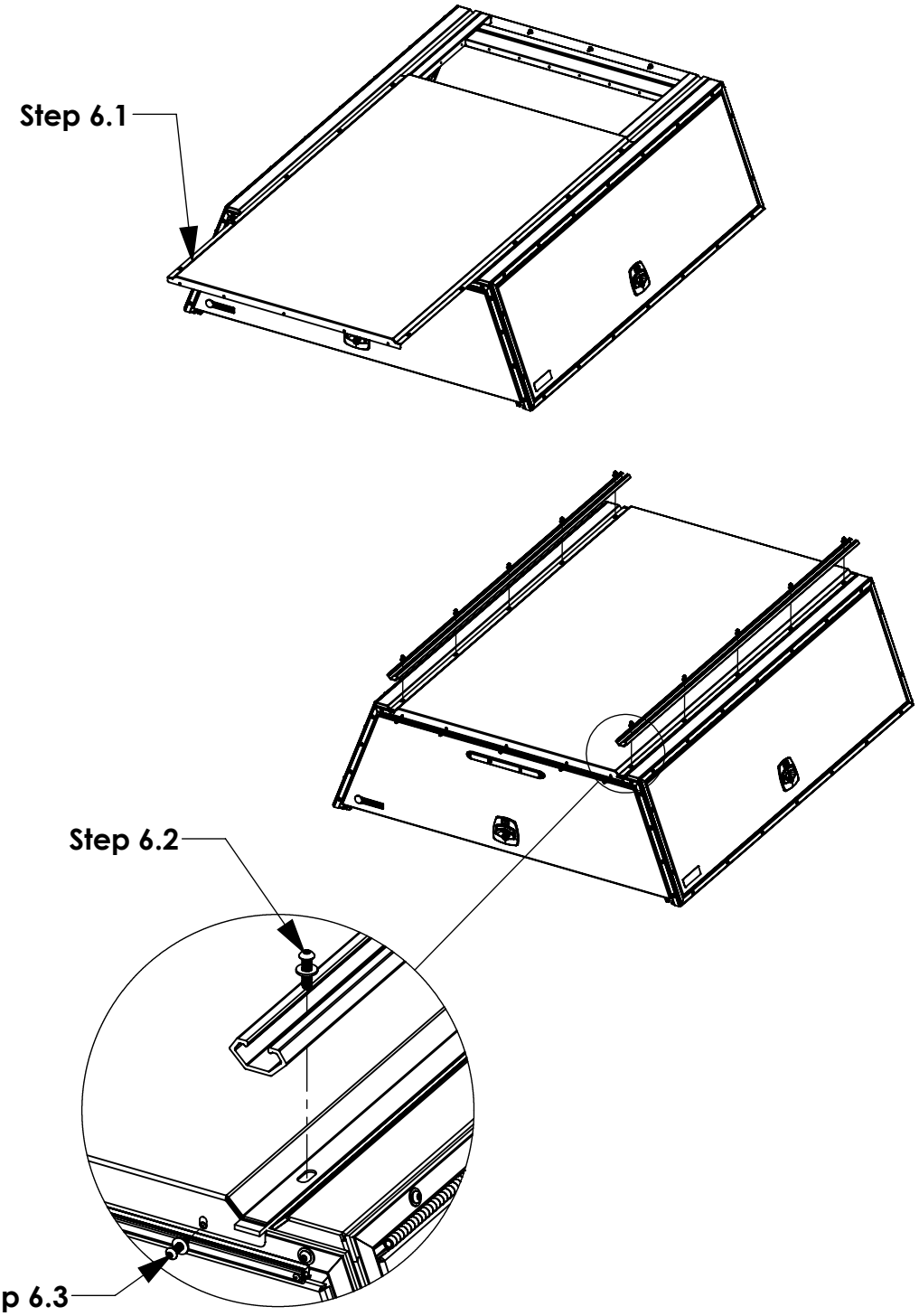
<u>FULLY TIGHTEN</u>
FAS0552, FAS0919 (10 PLACES) 3/16" ALLEN

Step 6.3
ATTACH ROOF TO TOPPER BODY.

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

STOP

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



STEP 7 - ATTACH TAILGATE COVER

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

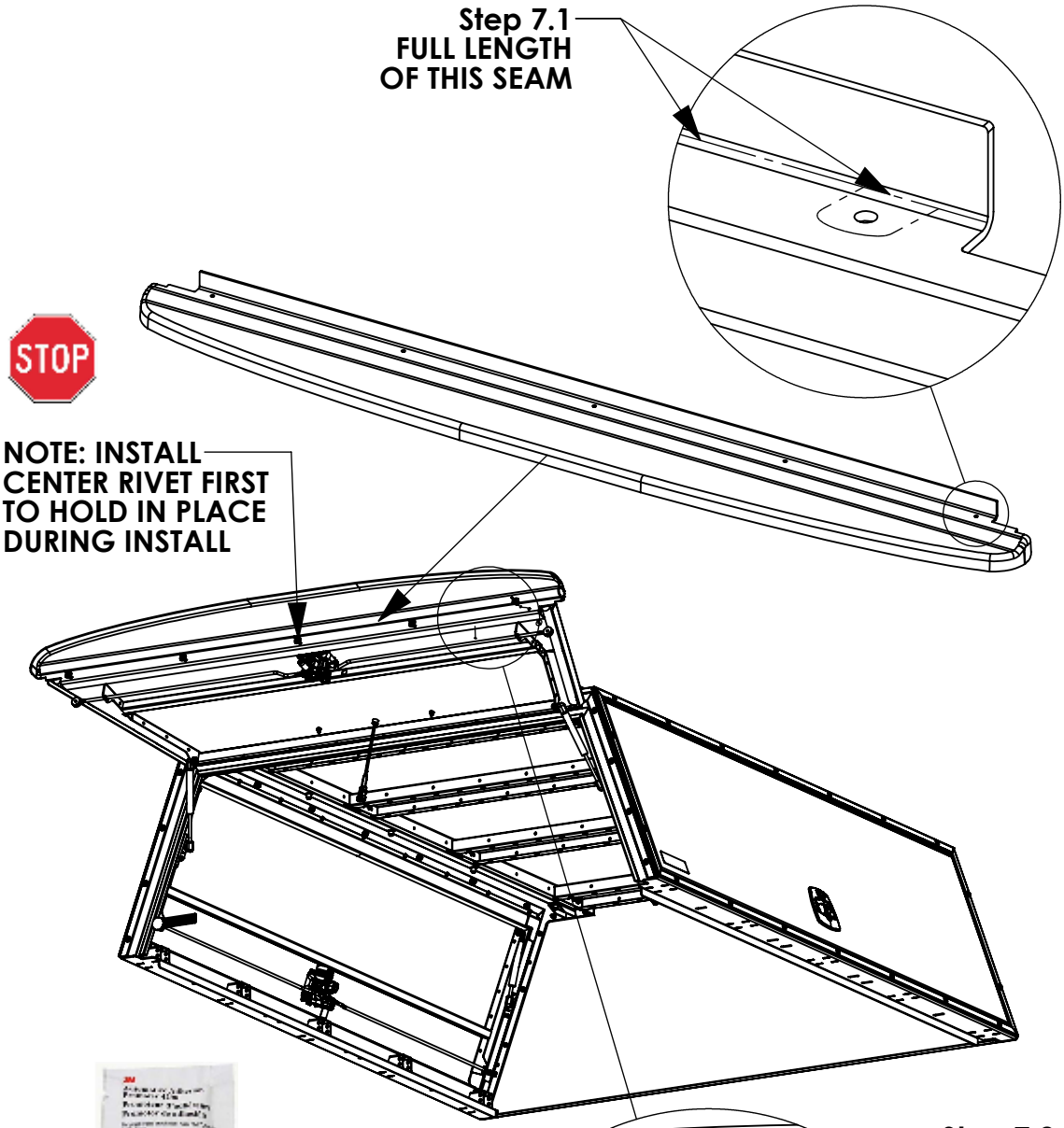
Step 7.2
ATTACH TAILGATE COVER TO REAR DOOR.

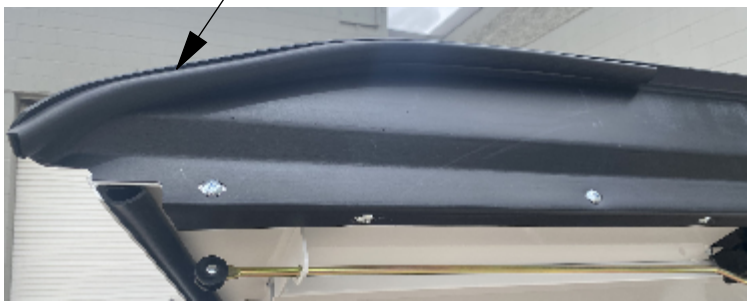
FULLY SECURE
FAS1014
(5 PLACES)

1/4" RIVET TIP

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

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





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.

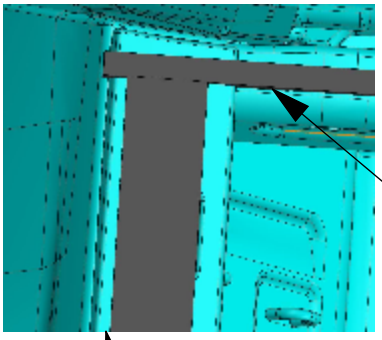
Step 8.2
INSTALL SIDE BED SEALS. ALIGN TO THE FRONT AND INSIDE EDGES OF THE SIDE BED RAIL TRIM.

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.

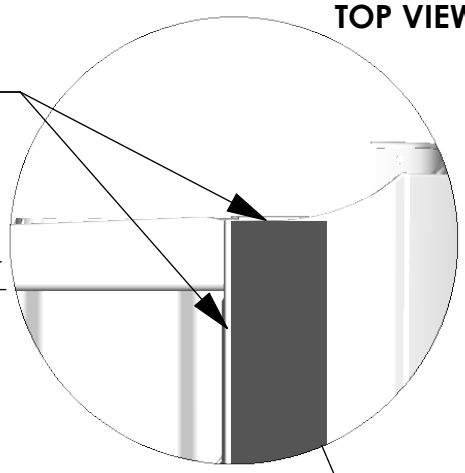
DO NOT TRIM EXCESS UNTIL TOPPER IS ON THE TRUCK.

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



STEP 8.3 1/4" GAP

TOP VIEW



FRONT

DRIVER'S SIDE

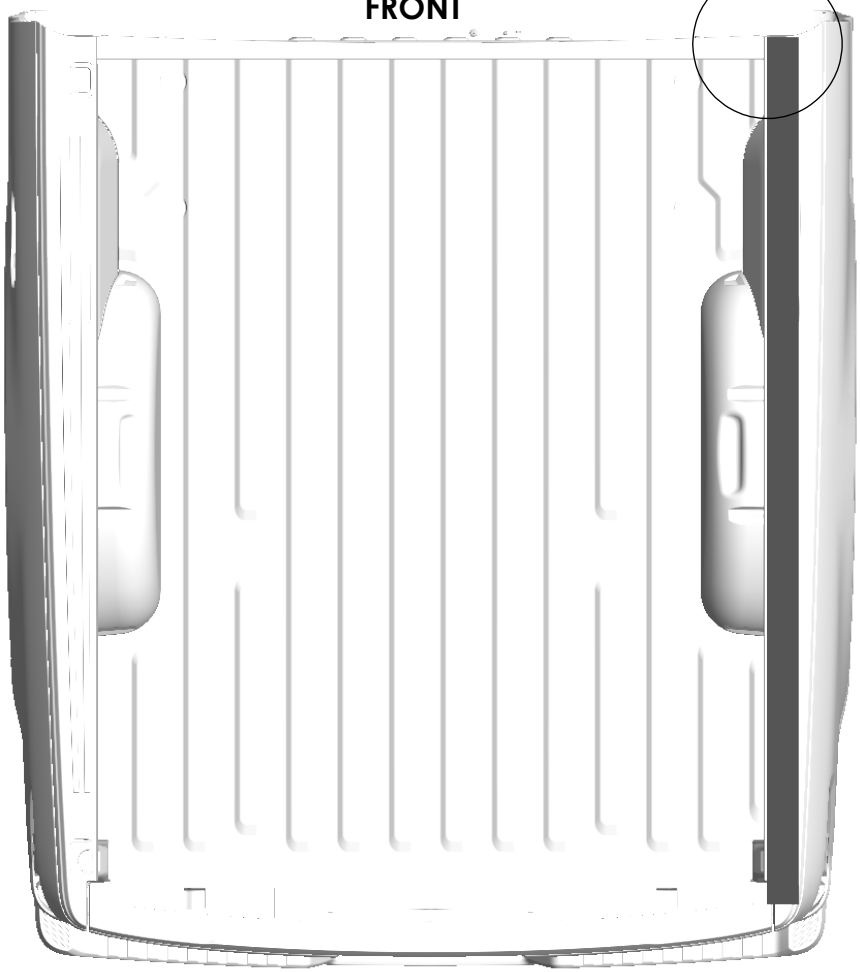


TABLE 1:

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

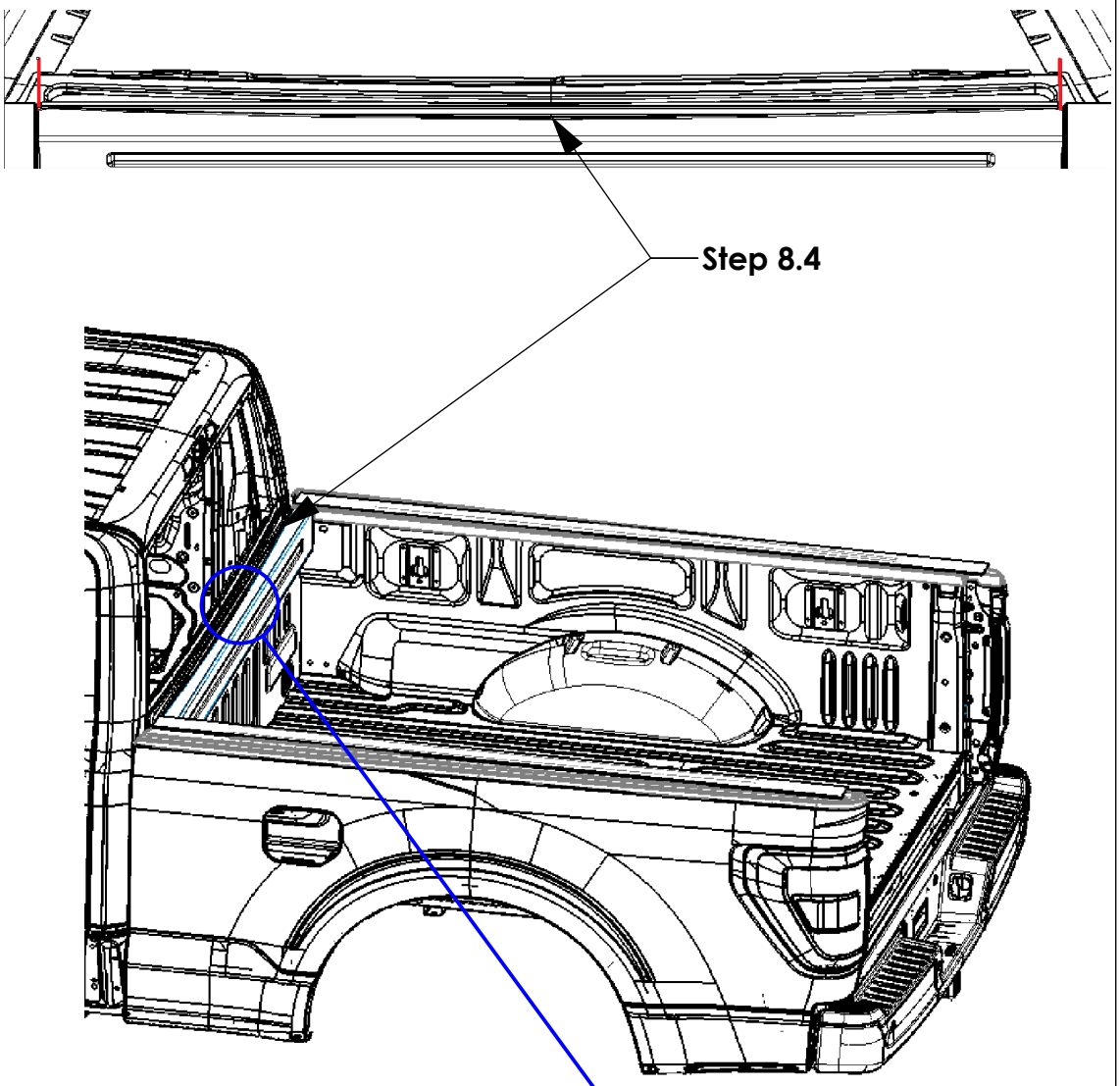
STEP 8 - ATTACH SEALS TO TRUCK BED (NOTE: FOR CHEVY SILVERADO ONLY)

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

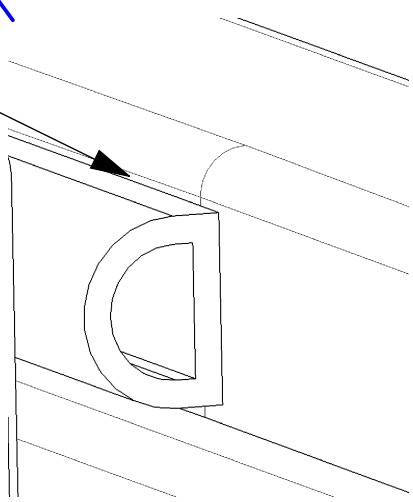
BEFORE ATTACHING TO TRUCK BED, CLEAN AND PREP AREA. DO NOT ATTACH TO PLASTIC TRIM. IF TRIM IS ON FRONT OF BED ATTACH TO CAB.

ONCE AREA IS PREPARED CENTER GASKET ON THE REAR WINDOW.

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



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



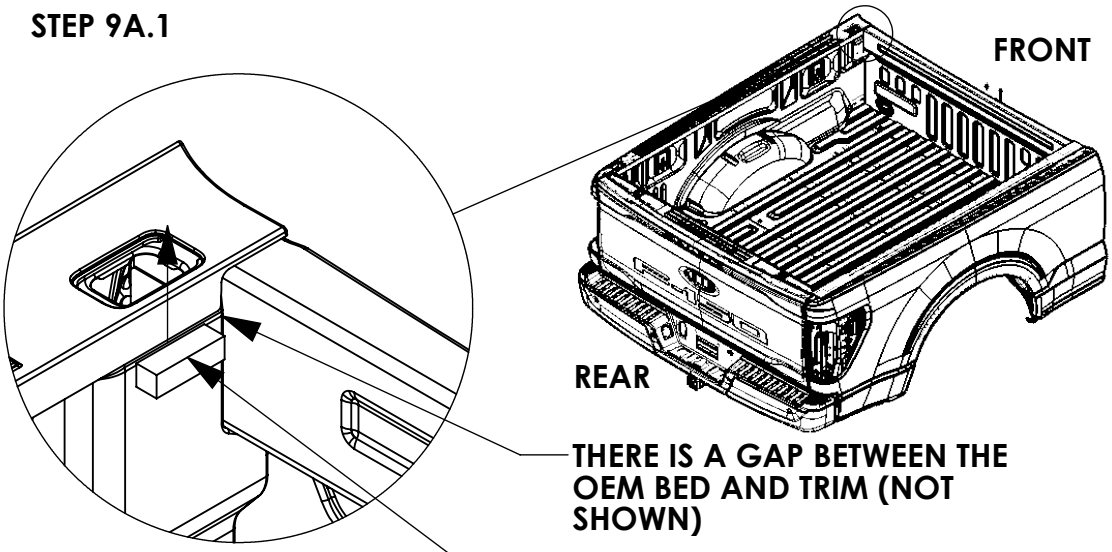
STEP 9A - INSTALL FOAM & 73740 SEALANT TO TRUCK CAB AND BED SEAMS *(NOTE: FOR CHEVY SILVERADO ONLY)*

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.2
INSERT A 2ND FOAM OF THE SAME DIMENSION INTO THE GAP, PERPENDICULAR TO THE ONE IN STEP 9.1, BOTH PIECES SHOULD BE TOUCHING

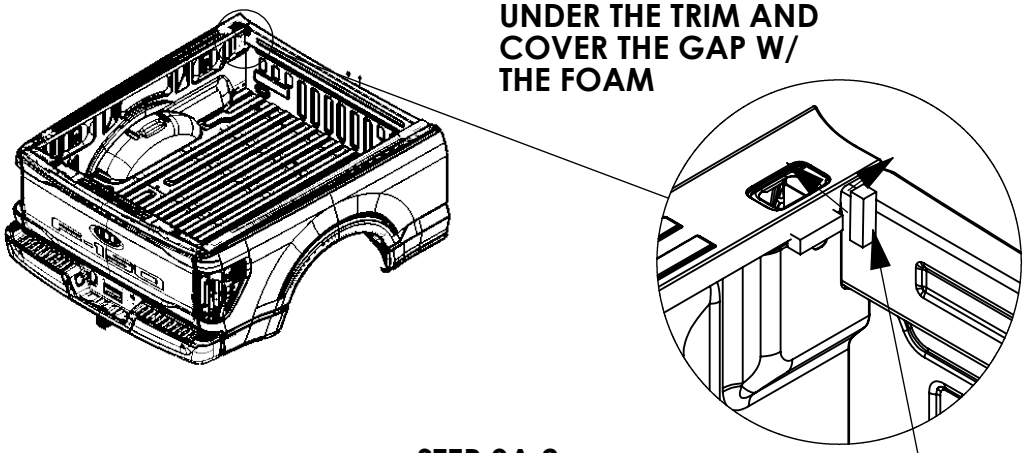
STEP 9A.3
SECURE BOTH PIECES OF FOAM IN PLACE WITH 3M SEALANT AROUND THE PERIMETER AND FILL ANY REMAINING GAPS, REPEAT ON PASSENGER SIDE

STEP 9A.1



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

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

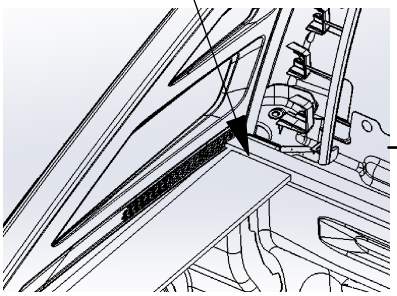
STEP 9B - INSTALL FOAM TO TRUCK CAB AND BED SEAMS (NOTE: FOR CHEVY SILVERADO EV ONLY)

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

STEP 9B.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

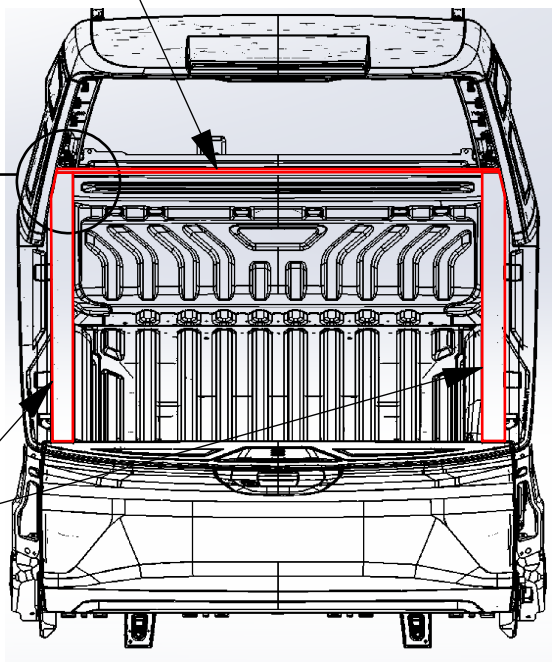
STEP 9B.1



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

71766

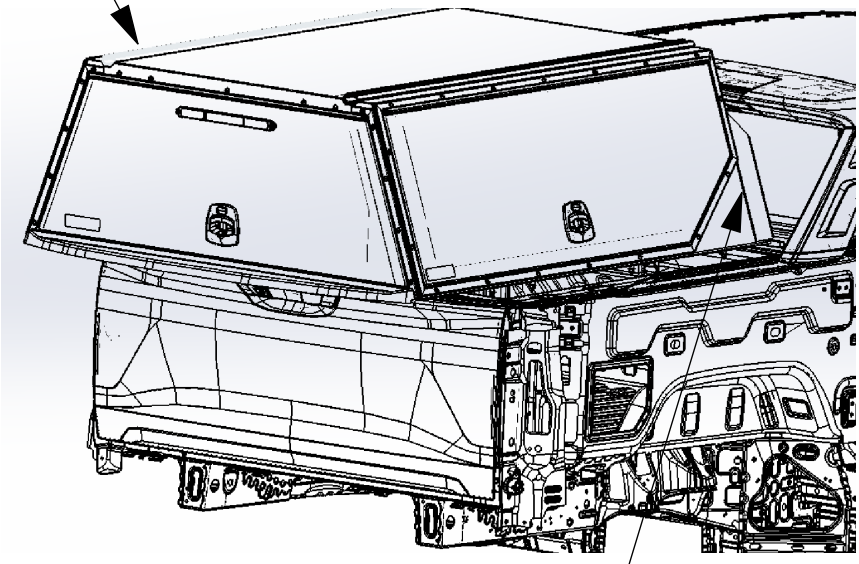
FRONT

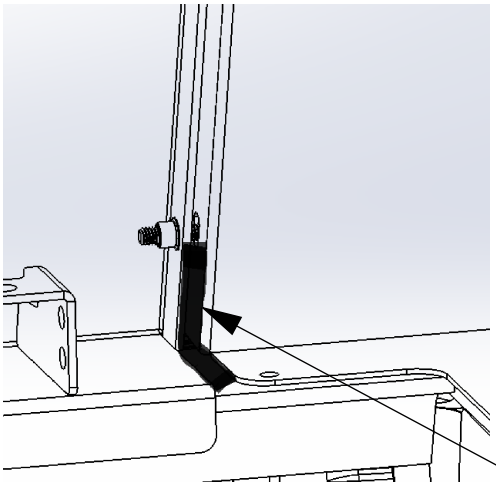


71768

REAR

STEP 9B.2





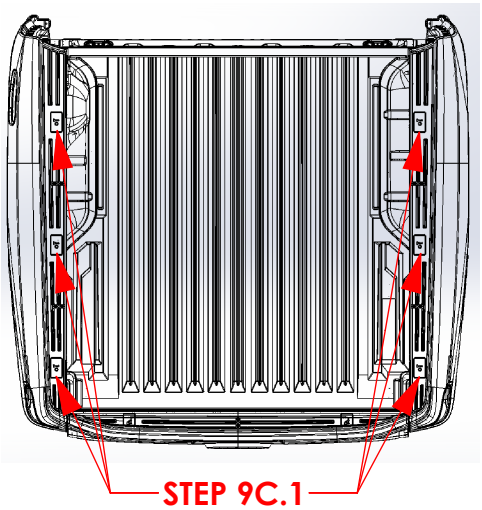
NOTE:
WHEN TOPPER IS IN PLACE USE SLICONE INSIDE OF TOPPER TO SEAL GAPS AT FRONT OF TOPPER . (AS SHOWN)

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,

STOP

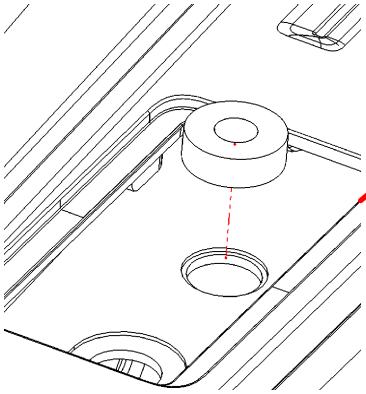
DO NOT DRILL INTO THE RAIL

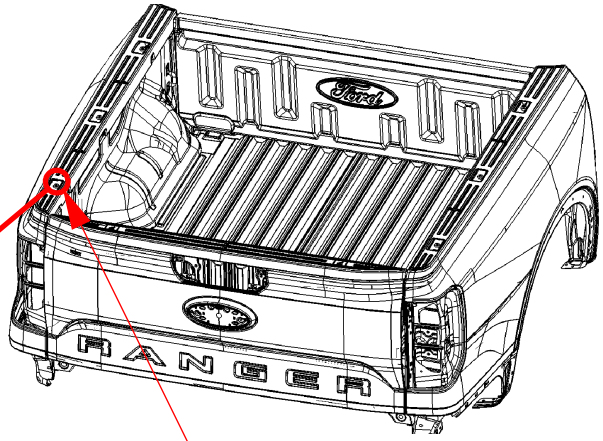


STEP 9C.2
CENTER (6)SPACERS OVER HOLE, TAPE SPACER TO HOLD IT IN THE LOCATION

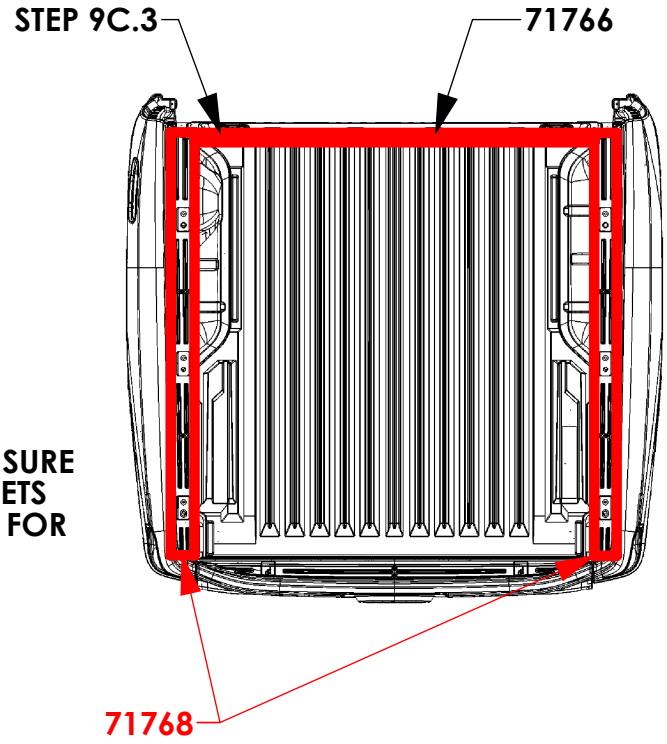
NOTE:
TALL SPACERS TO BE USED WITH 2025 MODELS,

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



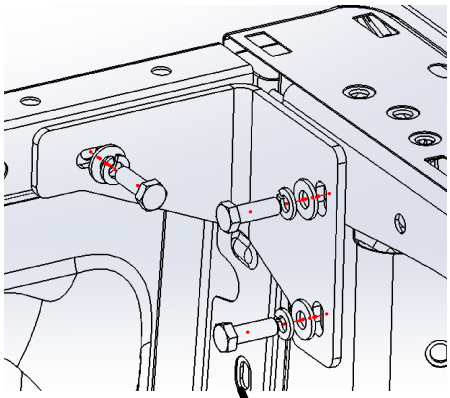
STOP

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

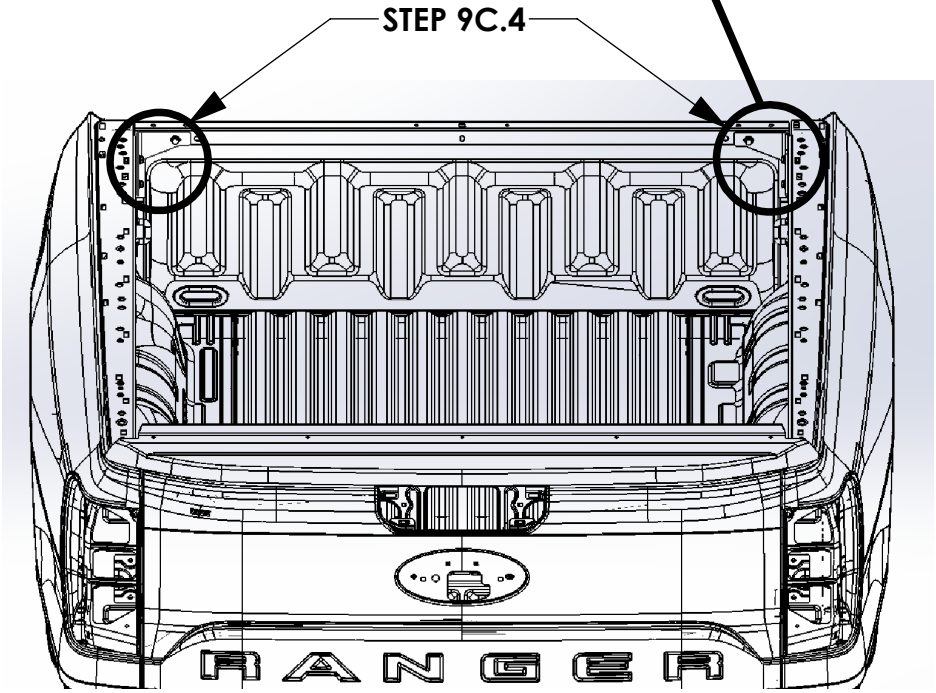
STEP 9C - INSTALL FOAM, (6) SPACER & 73740 SEALANT TO TRUCK CAB AND BED SEAMS (NOTE: FOR FORD RANGER ONLY)

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



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

STEP 10 - ATTACH TOPPER TO TRUCK BED

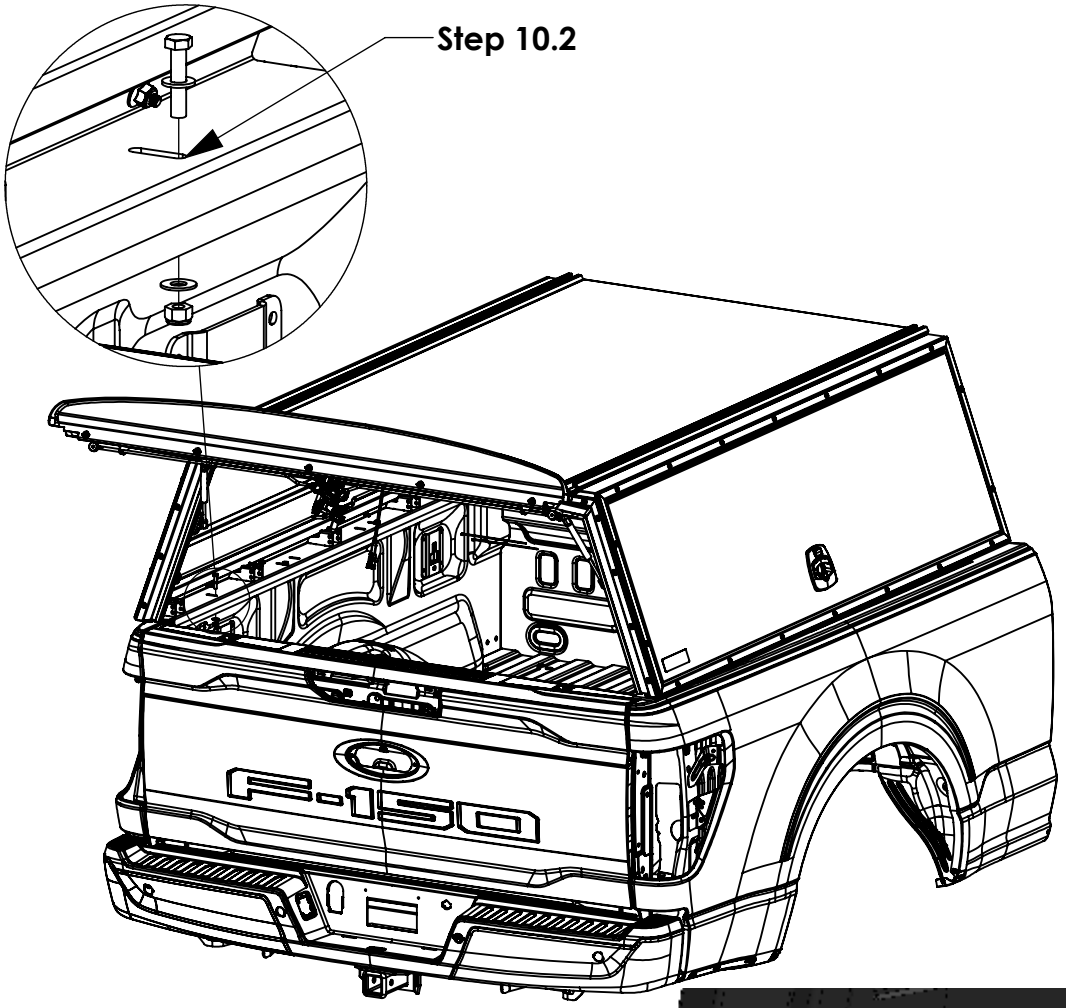
NOTE: (FOR 8.0' 26" TALL RAM 1500, 2500, 3500 ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.

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.

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

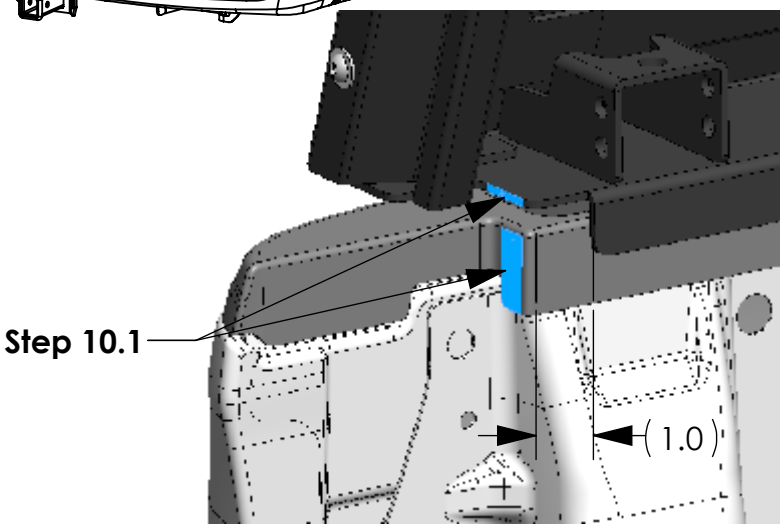
-HOIST: ATTACH TO THE ROOF RAILS OF THE TOPPER
-FORKLIFT: OPEN THE REAR DOOR AND SET FORKS ON THE ROOF BOWS
-MANUAL: HAVE 1 INDIVIDUAL AT EACH CORNER OF THE TOP AND CARRY OVER THE SIDES OF THE TRUCK. DO NOT SCRATCH THE VEHICLE.



Step 10.2
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 10 ALT- ATTACH TOPPER TO TRUCK BED

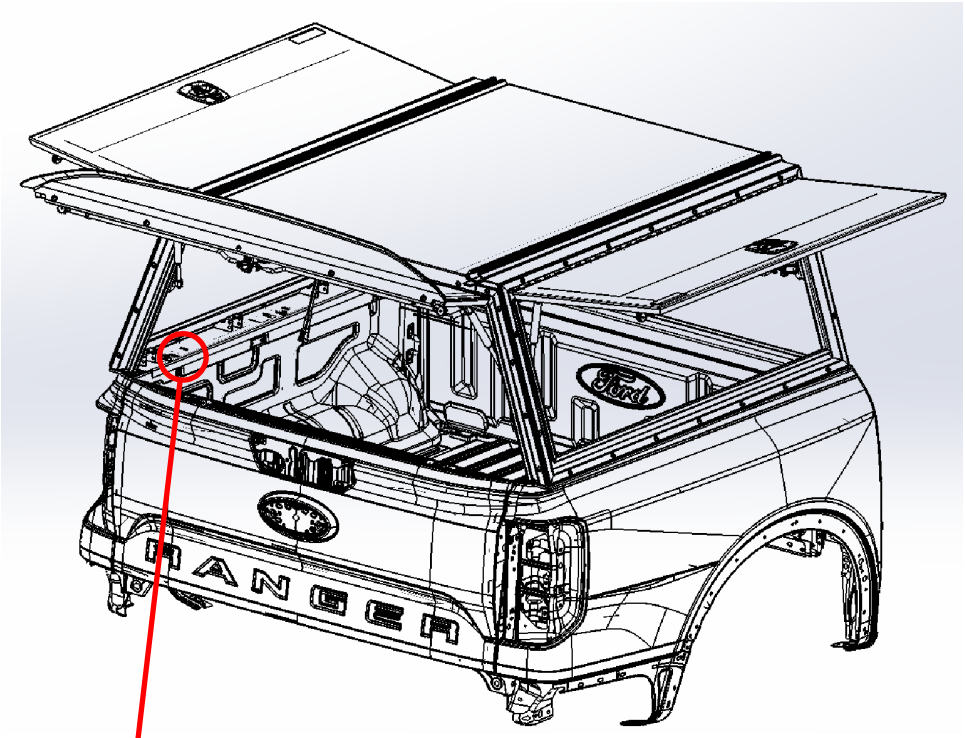
STOP **NOTE: (FOR 5.0' FORD RANGER ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.**

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.

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.

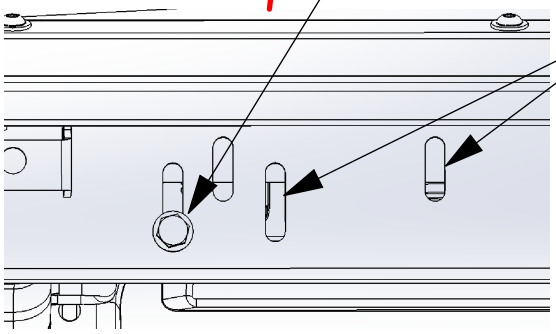


Step 10.2 ALT
USE HOLES IN THE BED RAIL TO MARK AND DRILL MOUNTING LOCATIONS. IT IS NOT NECESSARY TO REMOVE THE TOPPER FOR THIS STEP.

(8 PLACES)
11/32" DRILL BIT

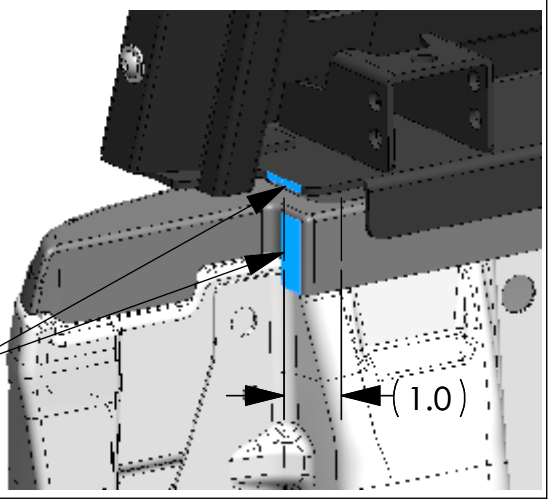
STOP

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



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



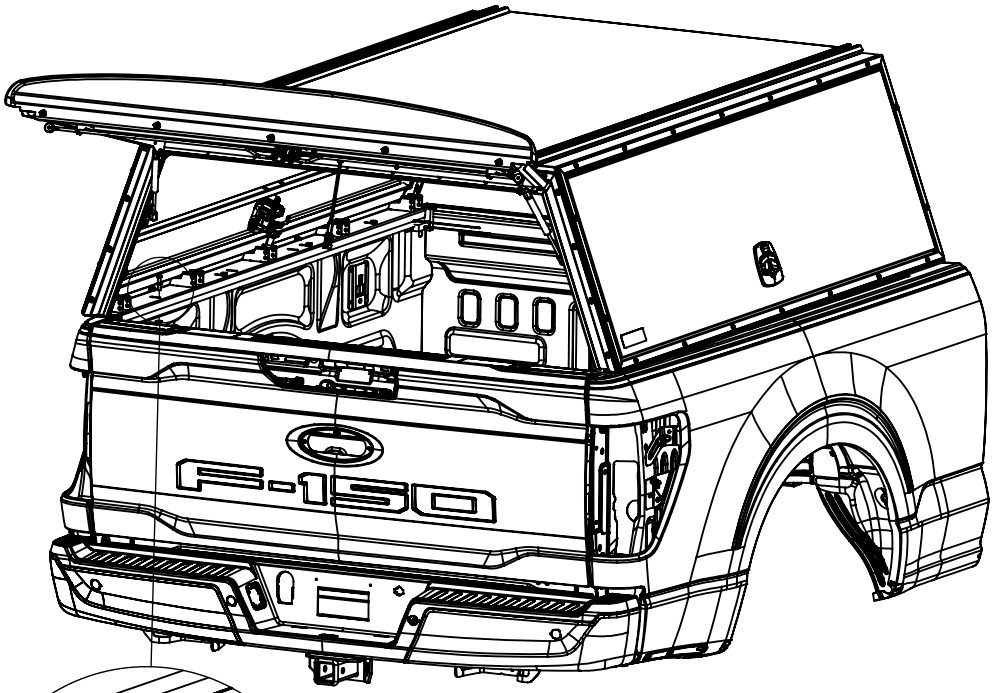
STEP 10 - ATTACH TOPPER TO TRUCK BED

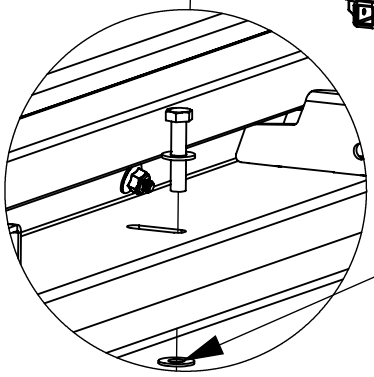
NOTE: (FOR 8.0' 26" TALL RAM 1500, 2500, 3500 ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.

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.



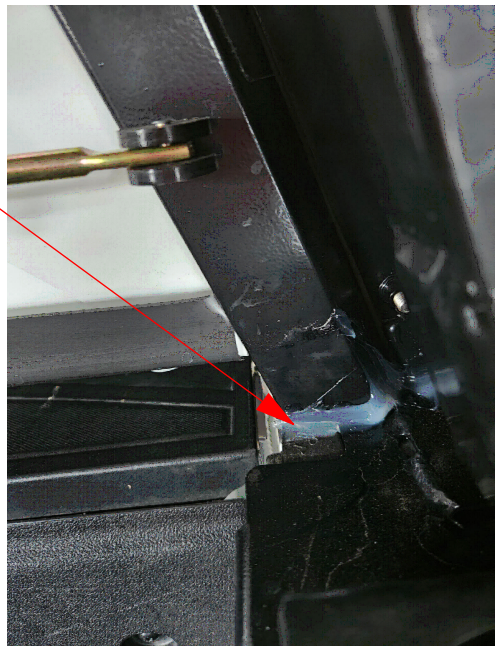


Step 10.3

FRONT

REAR

Step 10.4



MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

STEP 10 (CON'T) - ATTACH TOPPER TO TRUCK BED

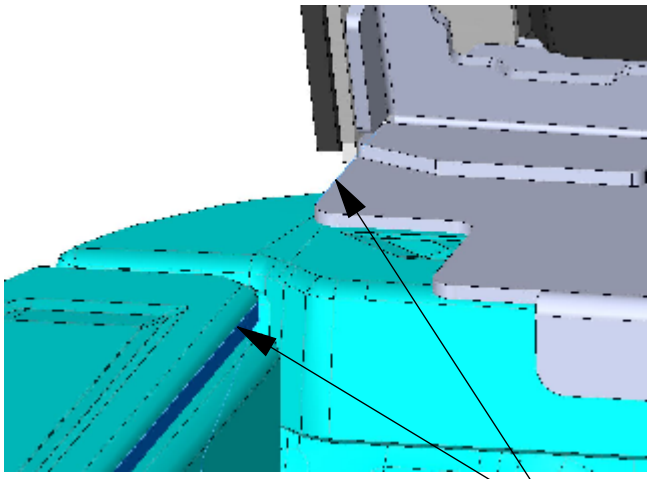
NOTE: (FOR 8.0' 26" TALL RAM 1500, 2500, 3500 ONLY) TOPPER MUST BE SOFT INSTALLED TO MARK FOR DRILLING. TOPPER TO BE REMOVED PRIOR TO DRILLING.

Step 10.4
COLORADO TOPPER. ALIGNMENT IS BASED OFF OF THE TAILGATE AND THE SIDE BED RAILS.

THESE 2 FACES SHOULD BE ALIGNED.

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.

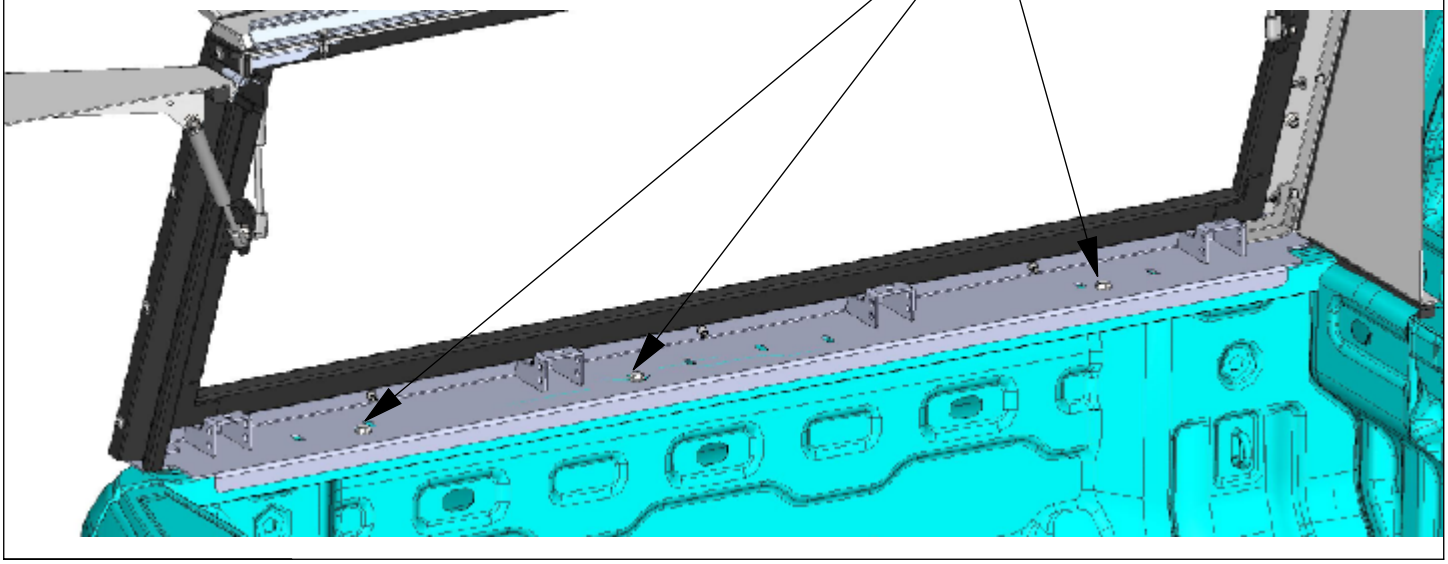


Step 10.4 IN LINE

Step 10.5
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

STEP 10.5 INSIDE SLOTS FOR THE COLORADO



MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

Introduction / Comments:

Install Instructions Brake Light Topper - Chevy Colorado

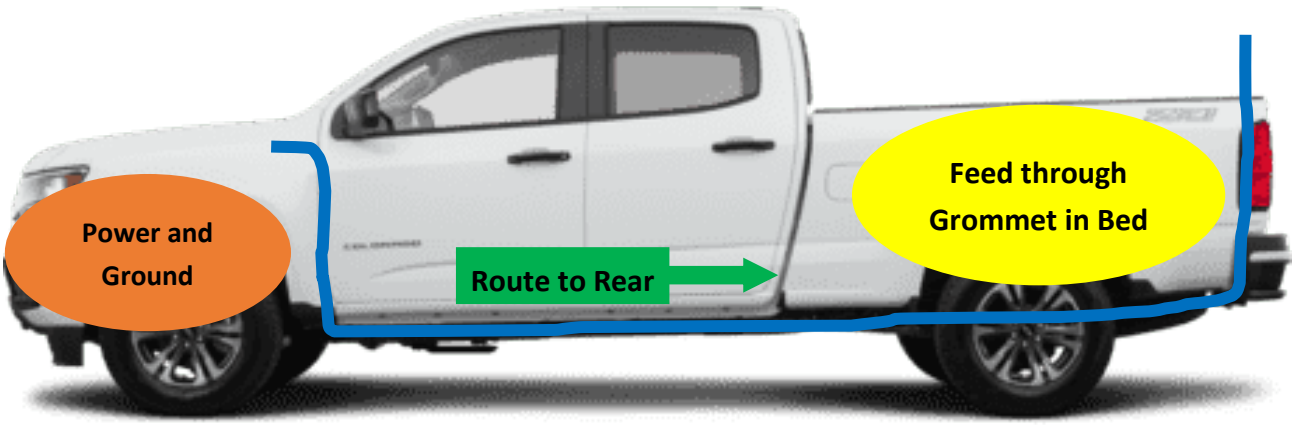
Note:

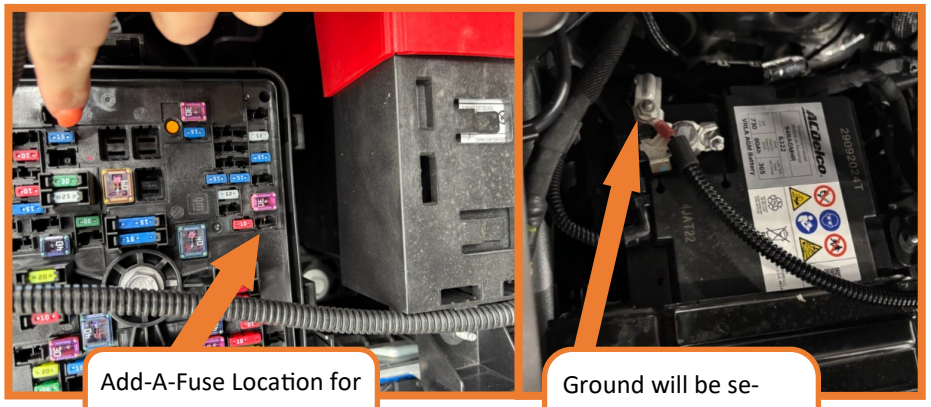
Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638)** before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting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

Installation Instructions Topper 3rd

Brake Light - Chevy Colorado

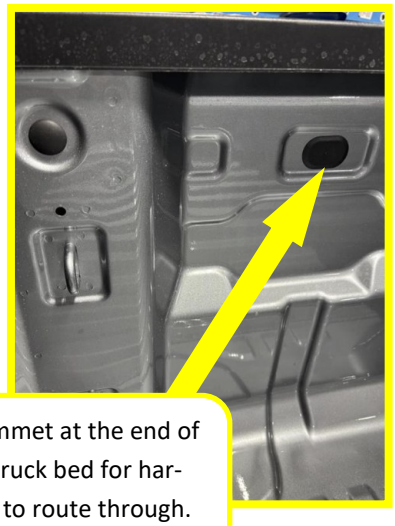
Routing Overview





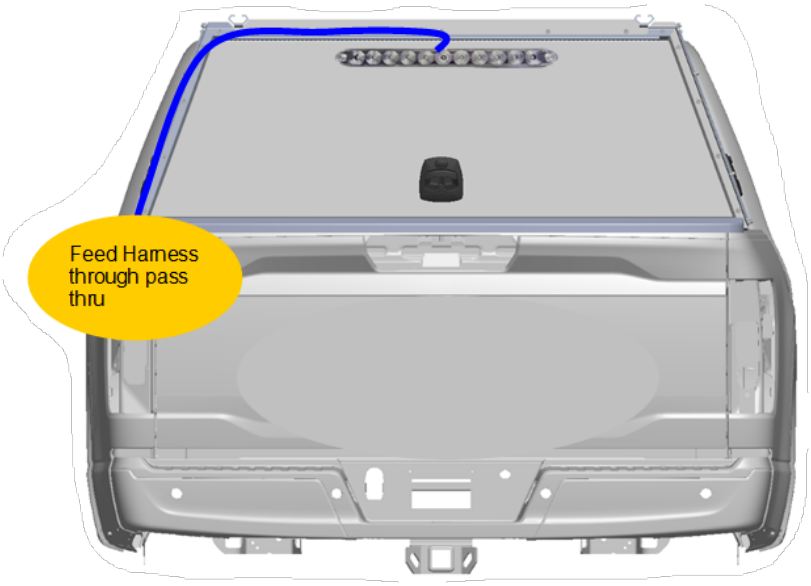
Add-A-Fuse Location for the power harness.

Ground will be secured to the ground post on the battery.



Grommet at the end of the truck bed for harness to route through.

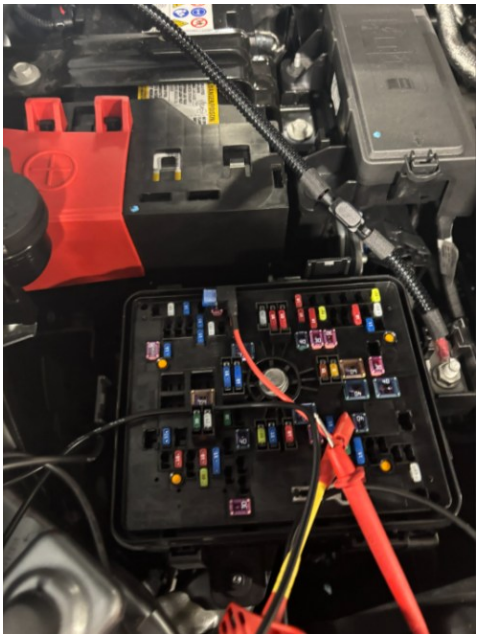
Color	Key - Items
Orange	Power and Ground Location
Blue	Harness Routing
Yellow	Bed Wire Pass Thru



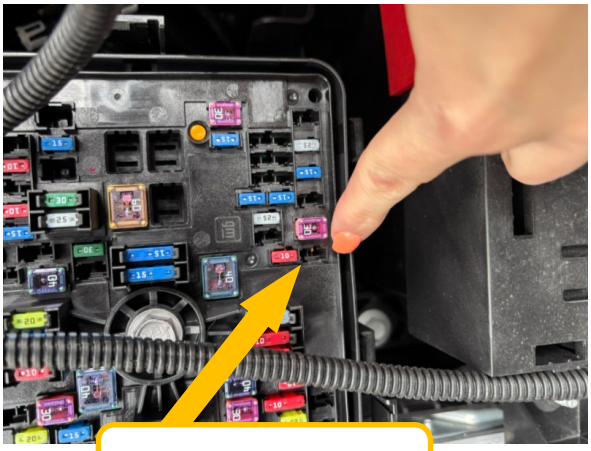
BEFORE BEGINNING THE INSTALL

PLEASE NOTE: REMOVE THE FUSE IN THE IN-LINE FUSE HOLDER. HOLD ON TO IT UNTIL THE END OF THE IN-STALL.

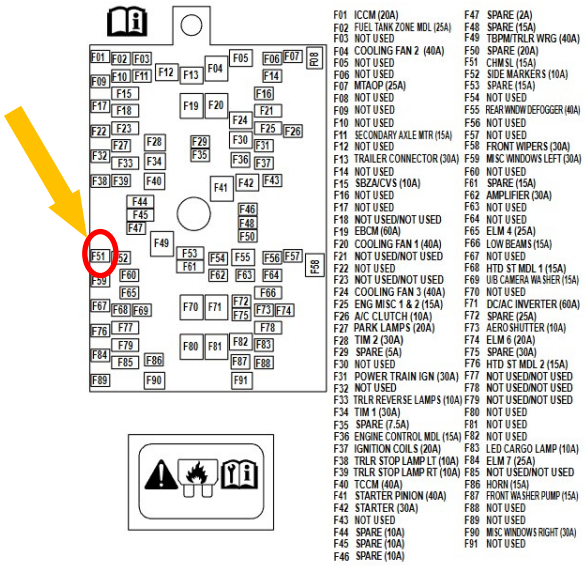
Step 1:



- Locate the brake light harness 77304 and the add-a-fuse.
- Locate the fuse panel that is in the engine bay next to the battery. Remove the plastic cover on the fuse panel.
- If harness has add-a-fuse pre-connected to harness, Locate the 15A fuse (F51) pointed out in the photo. Insert the OEM fuse into the add-a-fuse and insert the add-a-fuse into this location.
- If harness does not have the add-a-fuse pre-connected, crimp the add-a-fuse to the red wire on the 77304 harness. Locate the 15A fuse (F51) pointed out in the photo. Insert the OEM fuse into the add-a-fuse and insert the add-a-fuse into this location.

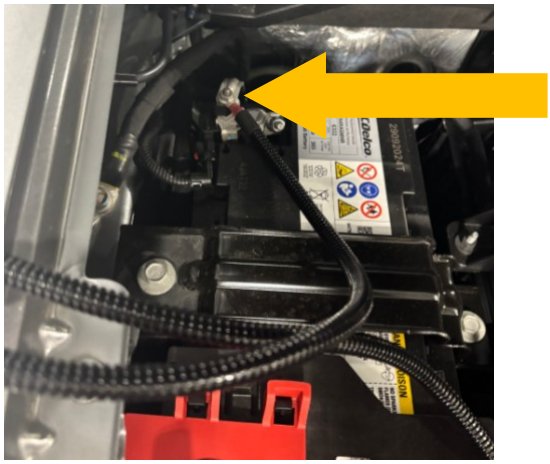


Add-A-Fuse Location



F01 ICCM (20A)
F02 FUEL TANK ZONE MDL (25A)
F03 NOT USED
F04 COOLING FAN 2 (40A)
F05 NOT USED
F06 NOT USED
F07 MTAOP (25A)
F08 NOT USED
F09 NOT USED
F10 NOT USED
F11 SECONDARY AXLE MTR (15A)
F12 NOT USED
F13 TRAILER CONNECTOR (30A)
F14 NOT USED
F15 SBZA/CVS (10A)
F16 NOT USED
F17 NOT USED
F18 NOT USED/NOT USED
F19 EBCM (60A)
F20 COOLING FAN 1 (40A)
F21 NOT USED/NOT USED
F22 NOT USED
F23 NOT USED/NOT USED
F24 COOLING FAN 3 (40A)
F25 ENG MISC 1 & 2 (15A)
F26 A/C CLUTCH (10A)
F27 PARK LAMPS (20A)
F28 TIM 2 (30A)
F29 SPARE (5A)
F30 NOT USED
F31 POWER TRAIN IGN (30A)
F32 NOT USED
F33 TRLR REVERSE LAMPS (10A)
F34 TIM 1 (30A)
F35 SPARE (7.5A)
F36 ENGINE CONTROL MDL (15A)
F37 IGNITION COILS (20A)
F38 TRLR STOP LAMP LT (10A)
F39 TRLR STOP LAMP RT (10A)
F40 TCCM (40A)
F41 STARTER PINION (40A)
F42 STARTER (30A)
F43 NOT USED
F44 SPARE (10A)
F45 SPARE (10A)
F46 SPARE (10A)
F47 SPARE (2A)
F48 SPARE (15A)
F49 TBPM/TRLR WRG (40A)
F50 SPARE (20A)
F51 CHMSL (15A)
F52 SIDE MARKERS (10A)
F53 SPARE (15A)
F54 NOT USED
F55 REAR WNDW DEFOGGER (40A)
F56 NOT USED
F57 NOT USED
F58 FRONT WIPERS (30A)
F59 MISC WNDOWS LEFT (30A)
F60 NOT USED
F61 SPARE (15A)
F62 AMPLIFIER (30A)
F63 NOT USED
F64 NOT USED
F65 ELM 4 (25A)
F66 LOW BEAMS (15A)
F67 NOT USED
F68 HTD ST MDL 1 (15A)
F69 UB CAMERA WASHER (15A)
F70 NOT USED
F71 DC/AC INVERTER (60A)
F72 SPARE (25A)
F73 AERO SHUTTER (10A)
F74 ELM 6 (20A)
F75 SPARE (30A)
F76 HTD ST MDL 2 (15A)
F77 NOT USED/NOT USED
F78 NOT USED/NOT USED
F79 NOT USED/NOT USED
F80 NOT USED
F81 NOT USED
F82 NOT USED
F83 LED CARGO LAMP (10A)
F84 ELM 7 (25A)
F85 NOT USED/NOT USED
F86 HORN (15A)
F87 FRONT WASHER PUMP (15A)
F88 NOT USED
F89 NOT USED
F90 MISC WINDOWS RIGHT (30A)
F91 NOT USED

Step 2:

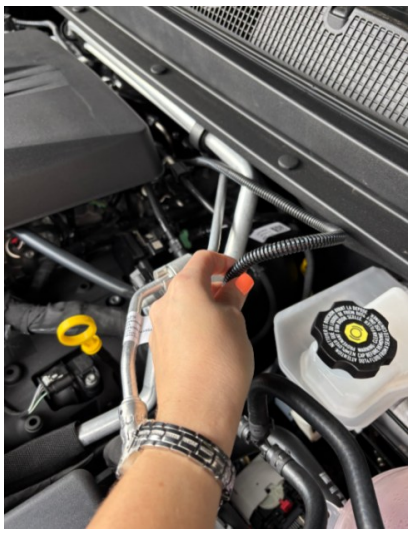


- Ground the harness to the negative terminal of the OEM battery.
- Make sure to tighten the nut so that it does not come loose later.

Step 3:

- Begin routing the wire harness. Route the harness along the cowl in the front of the engine bay towards the driver side of the vehicle.
- Make sure to use fasteners supplied in the kit to secure the harness to the cowl. Use them frequently so that the harness is tight.

Step 4:



- Once the wire harness is routed to the drivers side of the vehicle drop the harness to below the vehicle as pictured.

Step 5:

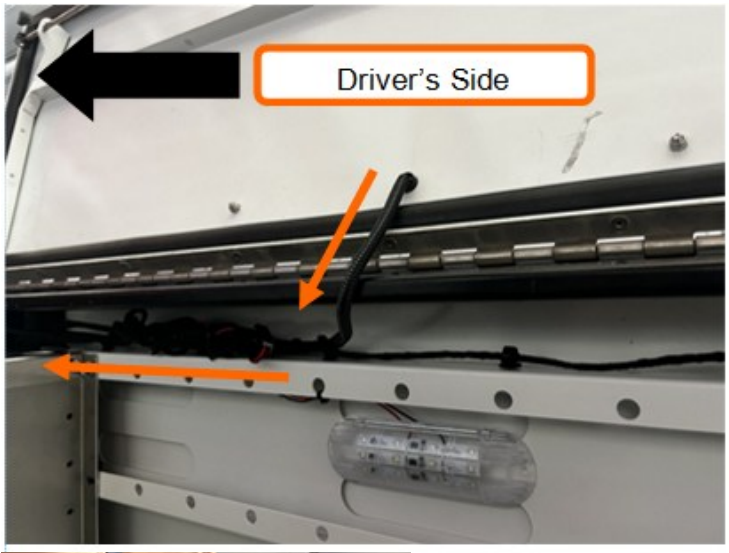
- Underneath the vehicle route the harness towards the rear along the frame of the vehicle.
- Make sure not to secure the harness near anything that could damage the wire.
- Locate BAG71680. Use P-clips and self tappers to secure harness along the underside of the vehicle.

Step 6:

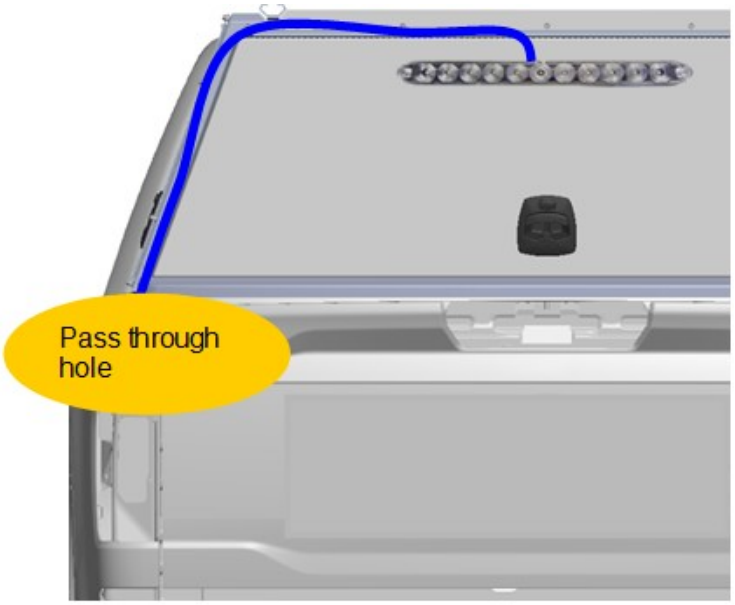
- Once the harness is at the rear of the vehicle go into the bed of the truck and remove the grommet on the drivers side of the bed. (Yellow arrow)
- Route the harness up through the cavity and through the grommet into the bed of the truck. Note: You may need to use fish tape to feed the harness through.

Use silicone once the install is complete to secure the wire harness in the grommet.

Step 7:



- 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 (Orange 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.



Final Steps:

Insert the fuse back 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, by pressing the brake and releasing.

Make sure to trim all zip ties and replace anything that was removed during the install.