

Mounting Roof Rail Kit, Transit



PRODUCT WEIGHT
7.2 LBS

HEIGHT OFF ROOF
SEE TABLE BELOW

CAPACITY
**REFER TO OEM'S
RECOMMENDED LOAD
RATING**
COLOR

RAW

CATALOG NUMBER

RRKFT

PRODUCT FEATURES

Ford Transit aluminum mounting roof rail kit for the PROFILE™ HD Utility, Grip-Lock, ProLift, and combo ladder racks. Mounting kit works on all roof height and wheelbase combinations for Ford Transit vans.

Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

SEE PAGES 2 & 3 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.



CATALOG NUMBER **RRKFT**

PRODUCT APPLICATION

This product is designed to be installed Ford Transit vans. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER		DESCRIPTION		CATALOG NUMBER		DESCRIPTION	
White Kit Part Numbers				Black Kit Part Numbers			
Crossbow Kits							
2BARW	2-Crossbar Kit, 68", White, Full Size Van			2BARB	2-Crossbar Kit, 68", Black, Full Size Van		
1BARW	2-Crossbar Kit, 48", White, Full Size Van			1BARB	2-Crossbar Kit, 48", Black, Full Size Van		
2BARCW	2-Crossbar Kit, 48", White, Minivan			2BARCB	2-Crossbar Kit, 48", Black, Minivan		
1BARCW	Single Crossbar Kit, 48", White, Minivan			1BARCB	Single Crossbar Kit, 48", Black, Minivan		
Mounting Bracket Kits							
URMBK4W	Mounting Bracket Kit, 4-Pack, White, Multiple Vehicles			URMBK4B	Mounting Bracket Kit, 4-Pack, Black, Multiple Vehicles		
URMBK2W	Mounting Bracket Kit, 2-Pack, White, Multiple Vehicles			URMBK2B	Mounting Bracket Kit, 2-Pack, Black, Multiple Vehicles		
Ladder Stop & Upright Kits							
ULSKB	Single Ladder Stop Kit, Black			ULSKAB	Single Ladder Stop Kit, Black		
4UPK4B	4" Upright Kit, 4-Pack, Black			4UPK4AB	4" Upright Kit, 4-Pack, Black		
4UPK2B	4" Upright Kit, 2-Pack, Black			4UPK2AB	4" Upright Kit, 2-Pack, Black		
6UPK4B	6" Upright Kit, 4-Pack, Black			6UPK4AB	6" Upright Kit, 4-Pack, Black		
6UPK2B	6" Upright Kit, 2-Pack, Black			6UPK2AB	6" Upright Kit, 2-Pack, Black		
9UPK4B	9" Upright Kit, 4-Pack, Black			9UPK4AB	9" Upright Kit, 4-Pack, Black		
9UPK2B	9" Upright Kit, 2-Pack, Black			9UPK2AB	9" Upright Kit, 2-Pack, Black		
RSK1B	Single Ratchet Upright Kit, 9", Black			RSK1AB	Single Ratchet Upright Kit, 9", Black		

Continued on Page 3

PAGE 2 of 4

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CATALOG NUMBER **RRKFT**

PRODUCT APPLICATION

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ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER		DESCRIPTION		CATALOG NUMBER		DESCRIPTION	
White Kit Part Numbers				Black Kit Part Numbers			
Grip-Lock Kits							
GL-FSVDS	Driver Side Grip-Lock Kit, Full Size Van			GL-FSVDS-B	Driver Side Grip-Lock Kit, Full Size Van, Black		
GL-FSVPS	Passenger Side Grip-Lock Kit, Full Size Van			GL-FSVPS-B	Passenger Side Grip-Lock Kit, Full Size Van, Black		
Standard Drop ProLift Kits							
SDPLDS	Driver Side Standard Drop ProLift Kit, Full Size Van			SDPLDS-B	Driver Side Standard Drop Pro-Lift Kit, Full Size Van, Black		
SDPLPS	Passenger Side Standard Drop ProLift Kit, Full Size Van			SDPLPS-B	Passenger Side Standard Drop ProLift Kit, Full Size Van, Black		
Max Drop ProLift Kits							
DDPLDS	Driver Side Max Drop ProLift Kit, Full Size Van			DDPLDS-B	Driver Side Max Drop ProLift Kit, Full Size Van, Black		
DDPLPS	Passenger Side Max Drop ProLift Kit, Full Size Van			DDPLPS-B	Passenger Side Max Drop Pro-Lift Kit, Full Size Van, Black		
DDPLDSM	Driver Side Max Drop ProLift Kit, Full Size Van, Mid Roof			DDPLDSM-B	Driver Side Max Drop ProLift Kit, Full Size Van, Mid Roof, Black		
DDPLPSM	Passenger Side Max Drop ProLift Kit, Full Size Van, Mid Roof			DDPLPSM-B	Passenger Side Max Drop ProLift Kit, Full Size Van, Mid Roof, Black		
DDPLDSH	Driver Side Max Drop ProLift Kit, Full Size Van, High Roof			DDPLDSH-B	Driver Side Max Drop ProLift Kit, Full Size Van, High Roof, Black		
DDPLPSH	Passenger Side Max Drop ProLift Kit, Full Size Van, High Roof			DDPLPSH-B	Passenger Side Max Drop ProLift Kit, Full Size Van, High Roof, Black		
Double Stack ProLift Kits							
DSPLDS	Driver Side Double Stack ProLift Kit, Full Size Van			DSPLDS-B	Driver Side Double Stack ProLift Kit, Full Size Van, Black		
DSPLPS	Passenger Side Double Stack ProLift Kit, Full Size Van			DSPLPS-B	Passenger Side Double Stack ProLift Kit, Full Size Van, Black		



CATALOG NUMBER RRKFT

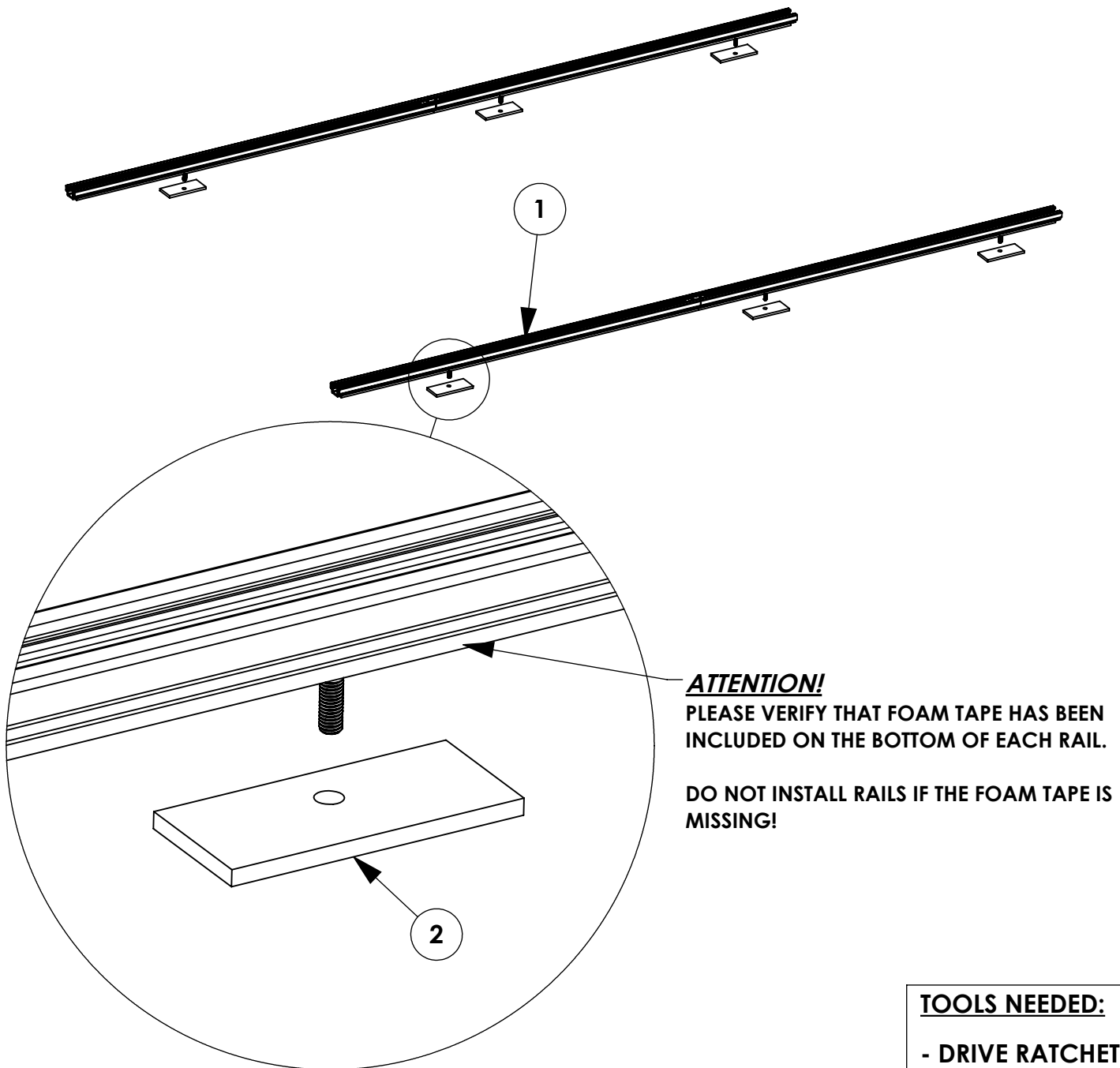
PRODUCT APPLICATION

This product is designed to be installed Ford Transit vans. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

CONFIGURATION	RACK HEIGHT
	LOW / MED / HIGH ROOF
Base Rack	5.5" / 4.6" / 4.6"
Base + Ladder Stop	11.0" / 10.1" / 10.1"
Base + 4" Uprights	9.0" / 8.1" / 8.1"
Base + 6" Uprights	11.0" / 10.1" / 10.1"
Base + 9"/Ratchet Uprights	14.0" / 13.1" / 13.1"
Base + 4" PVC Conduit Kit	9.9" / 9.0" / 9.0"
Base + 6" PVC Conduit Kit	11.9" / 11.0" / 11.0"
Base + Aluminum Box Conduit Kit	12.0" / 11.2" / 11.2"
Base + Grip-Lock	12.2" / (N/A) / (N/A)
Base + Standard Drop ProLift	12.5" / (N/A) / (N/A)
Base + Max Drop ProLift	14.0" / 13.1" / 13.1"
Base + Double Stack ProLift	Coming Soon!

INSTR. NUMBER : 67267	PG: 1	REV: E	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART NUMBER : RRKFT			1	63477	ROOF RAIL, FORD TRNST FSV	4
PART DESC. : ROOF RAIL KIT FT FSV			2	52709	SPACER-PAD .25 TRANSIT LR LDRK	6



TOOLS NEEDED:

- DRIVE RATCHET
- IMPACT DRIVER
- 13mm SOCKET
- 5/32" HEX DRIVE
- M8-1.25 TAP
- TAPE MEASURE

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

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

PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

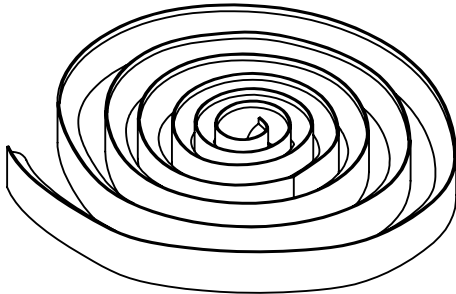
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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

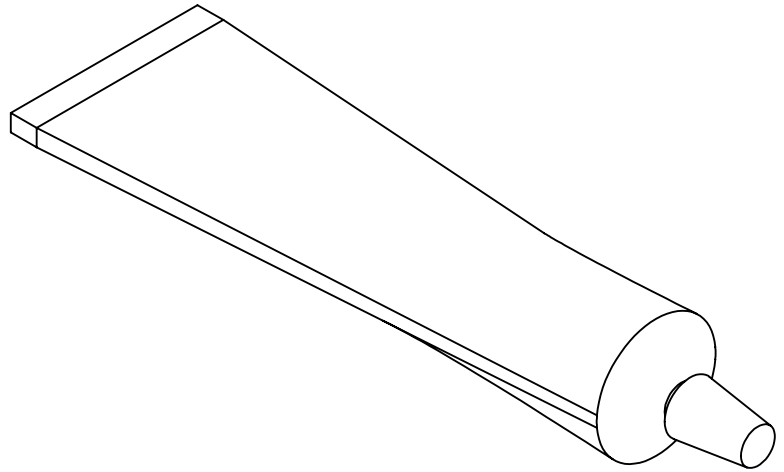
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED

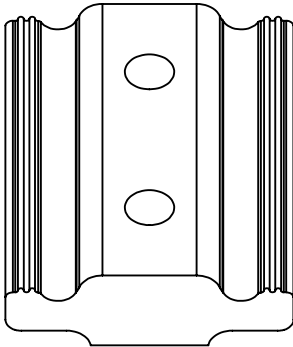
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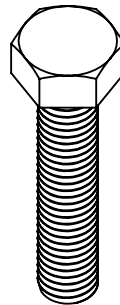
05586-0
BUTYL TAPE
1FT ROLL
QTY: 1



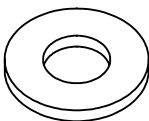
26618-0
SILICONE
1OZ TUBE
QTY: 1



63491
RAIL CONNECTOR, 2"
QTY: 2



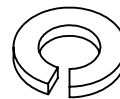
FAS0351
SCREW, HH SS
M8-1.25X40
QTY: 6



FAS0552
WASHER, FLAT
5/16 SS
QTY: 6



FAS0497
SCREW, SET
5/16-18X.75 SS
QTY: 4

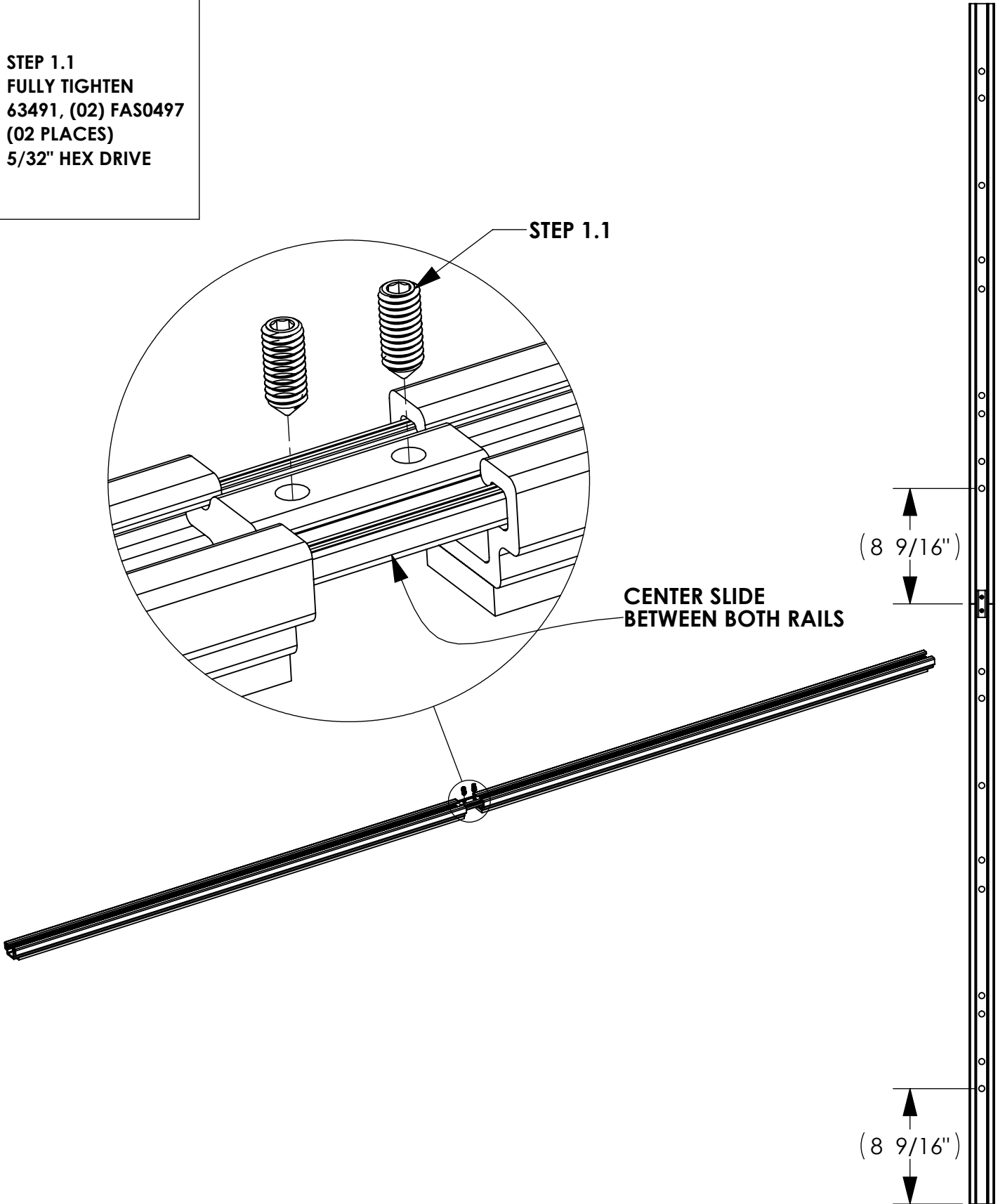


FAS0588
WASHER, LCK
SPLIT 5/16 SS
QTY: 6

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STEP 1 - ASSEMBLE ROOF RAILS

STEP 1.1
FULLY TIGHTEN
63491, (02) FAS0497
(02 PLACES)
5/32" HEX DRIVE

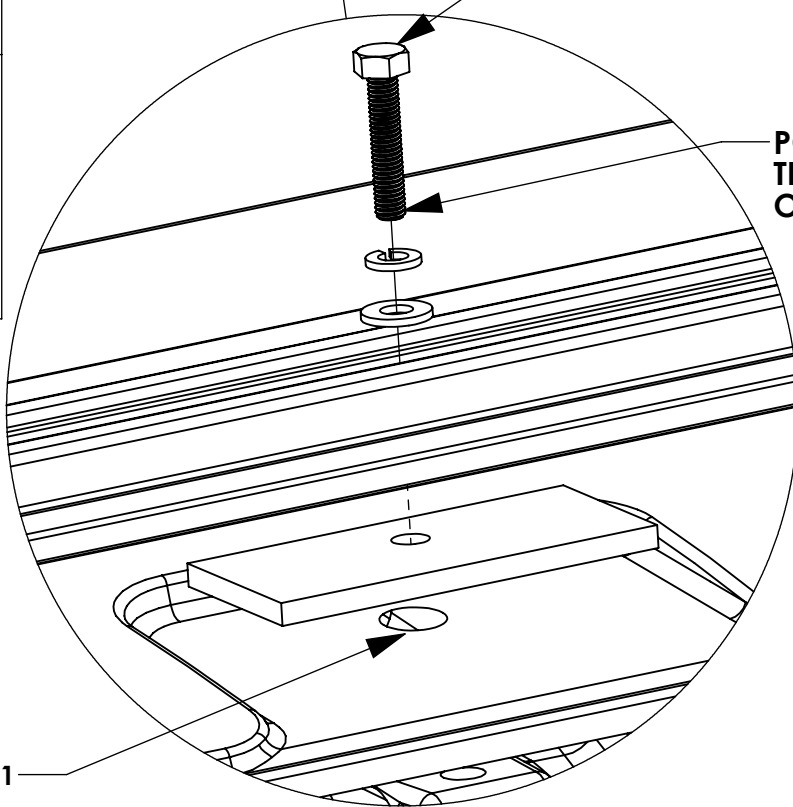
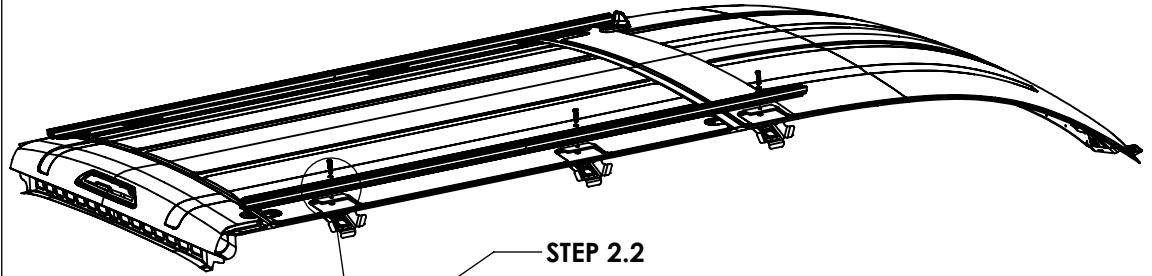
STEP 1.1**CENTER SLIDE
BETWEEN BOTH RAILS** $(8 \frac{9}{16}")$ $(8 \frac{9}{16}")$ 

STEP 2 - INSTALL ROOF RAILS ONTO VEHICLE ROOF**STEP 2.1
REMOVE OEM
PLASTIC PLUG**

USE M8-1.25 TAP
TO CLEAR THREAD
OF OEM WELD NUT
(IF NECESSARY)

ROOF HOLE
CLEARANCING
MAY BE
NECESSARY DO TO
OEM ROOF
TOLERANCE

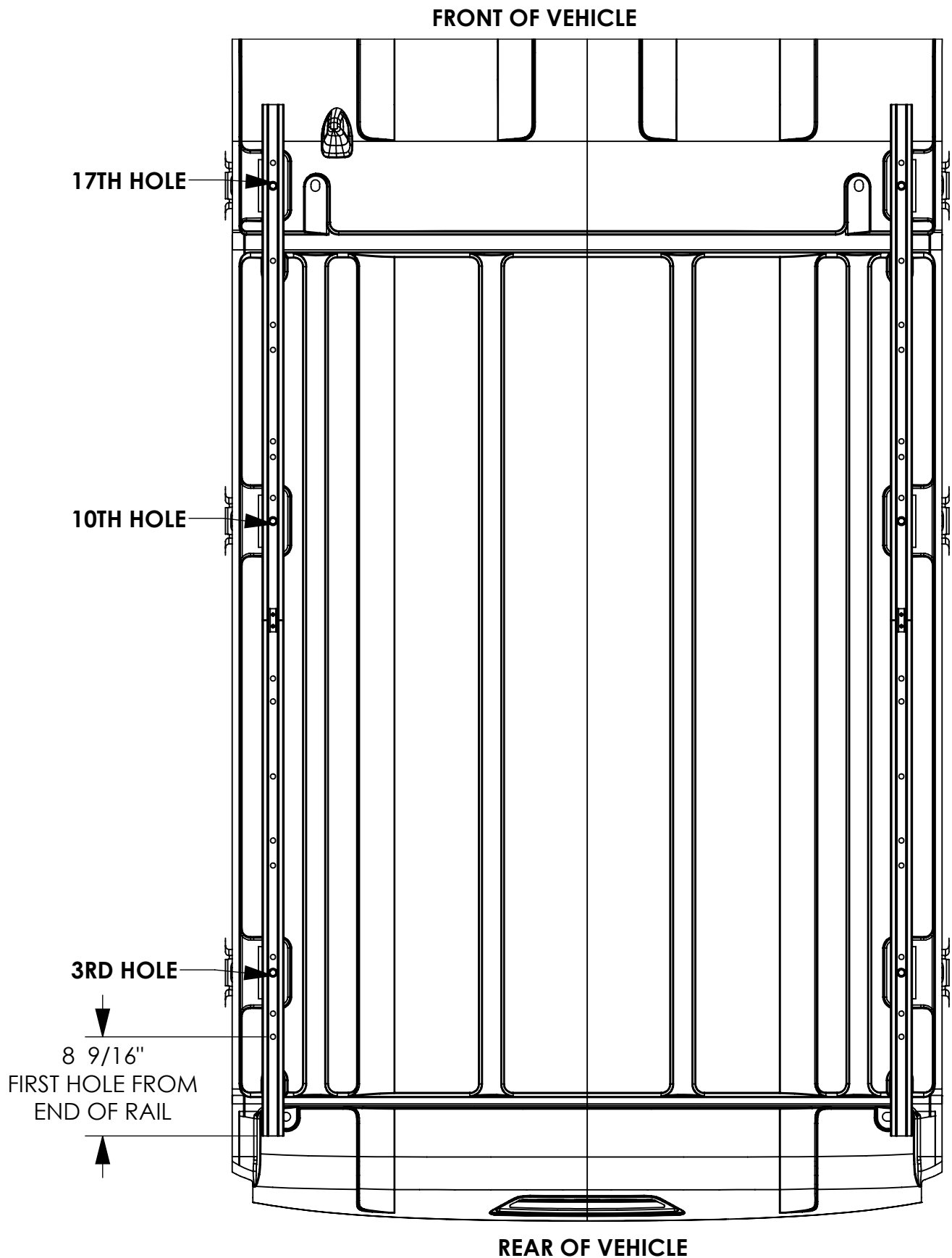
STEP 2.2
FULLY TIGHTEN
FAS0351, FAS0552,
FAS0588
(06 PLACES)
13mm SOCKET

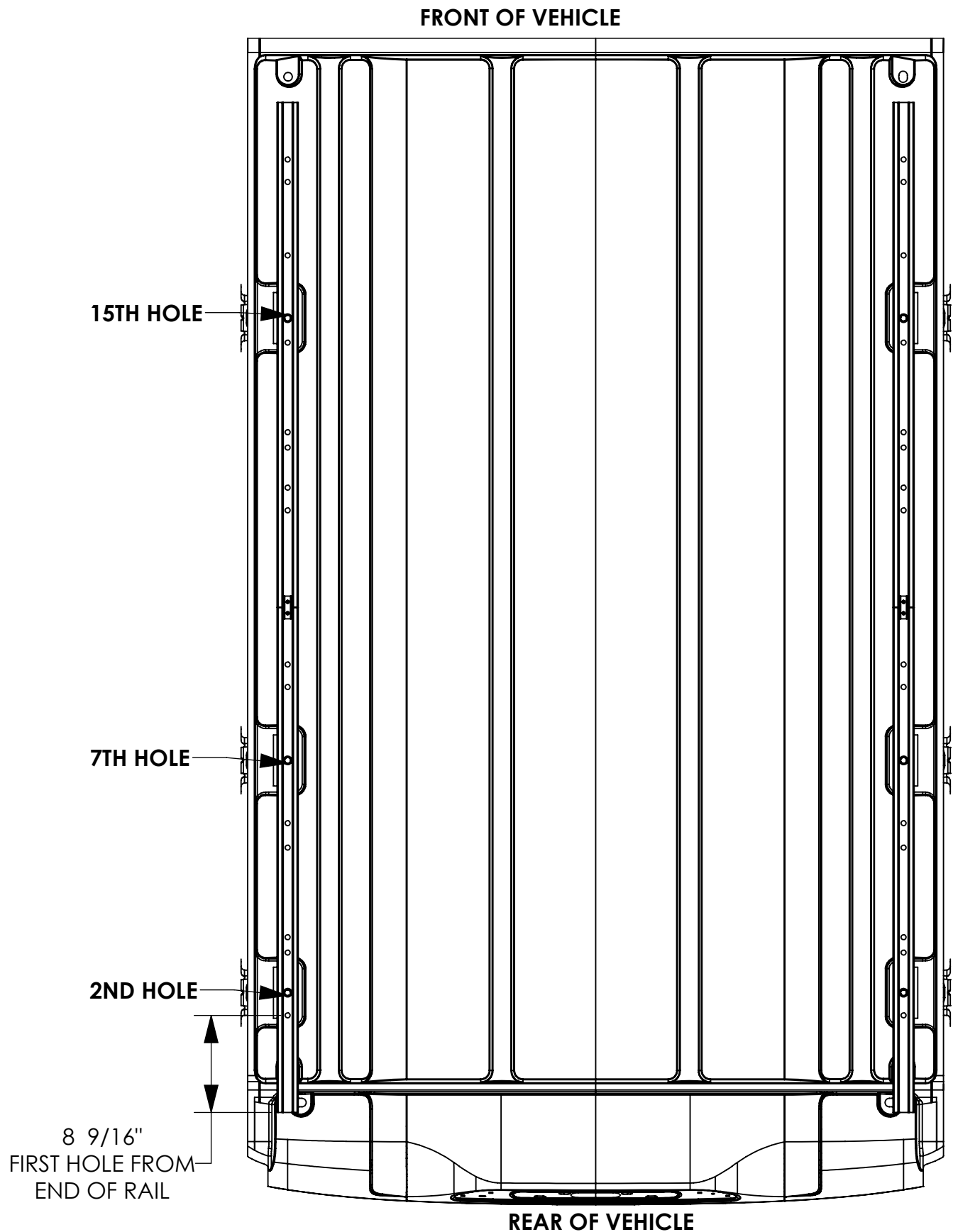


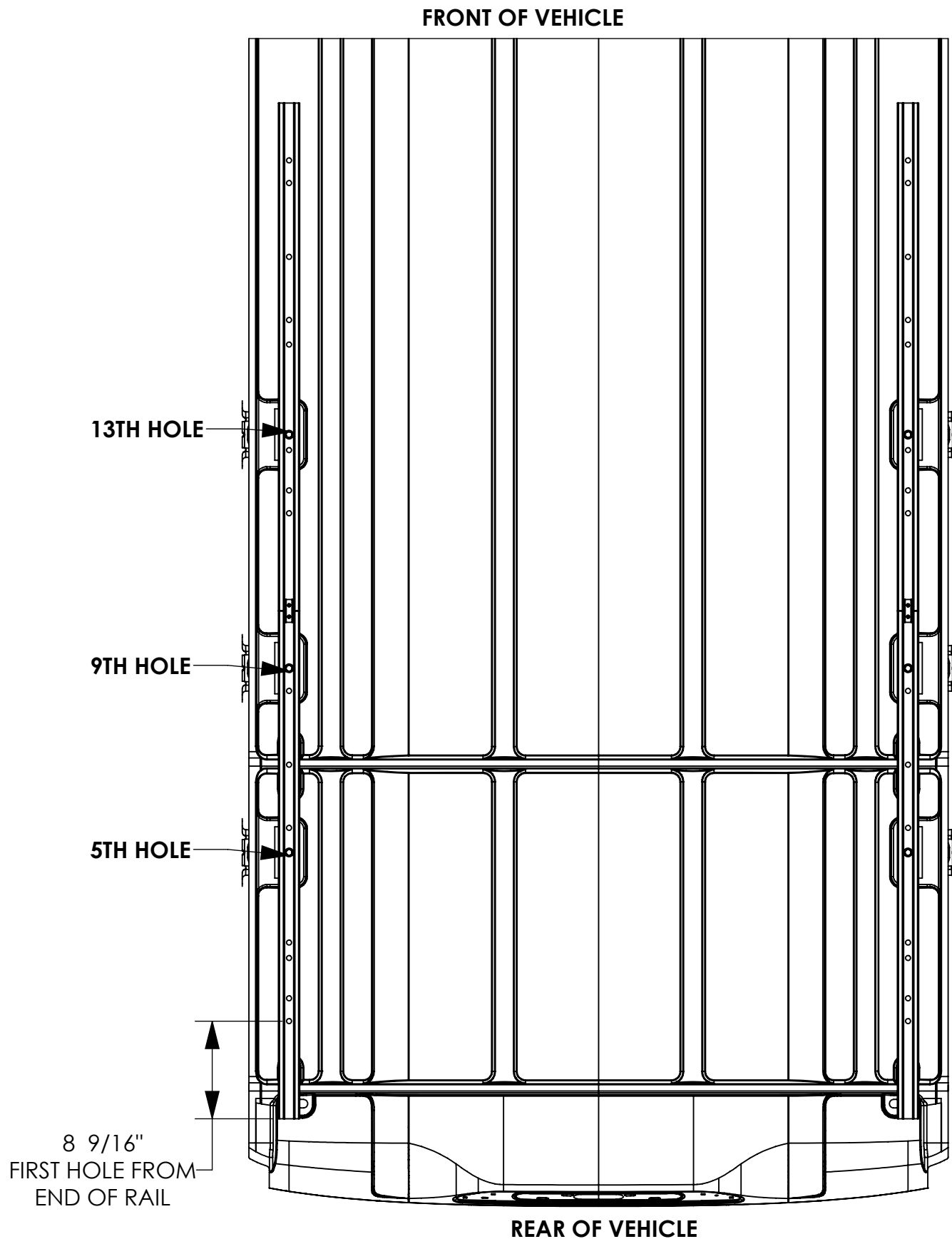
**POKE FASTENER
THROUGH FOAM TAPE
ON RAIL**

**ADD SILICONE TO FILL CAVITY OF EACH OEM WELD NUT IN
VEHICLE ROOF AND BUTYL TAPE UNDER WASHERS ON BOLT**



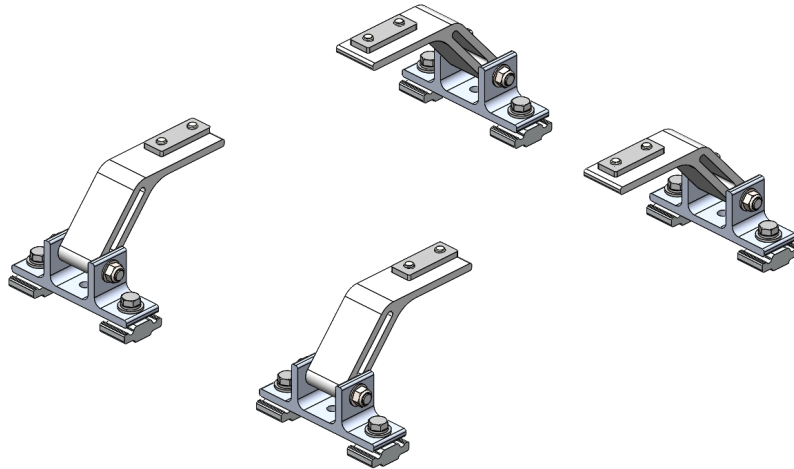




ROOF RAIL INSTALL LOCATION - 148" EXTENDED WHEELBASE



Mounting Bracket Kit, 4-Pack, White, Multiple Pickups



PRODUCT WEIGHT
4.0 LBS

HEIGHT OFF ROOF
SEE TABLE BELOW

CAPACITY
**REFER TO OEM'S
RECOMMENDED LOAD
RATING**
COLOR

WHITE

CATALOG NUMBER

URMBK4W

PRODUCT FEATURES

Aluminum mounting bracket kit for the PROFILE™ HD Utility, Grip-Lock, and/or ProLift ladder racks. Only works with the OEM specific, Adrian Steel supplied roof rail kit.

Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

Reference respective OEM specific roof rail kit for more detailed list of compatible accessories.

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

PAGE 1 of 2

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CATALOG NUMBER URMBK4W

PRODUCT APPLICATION

This product is designed to work with OEM specific rail kit for HD Utility, Grip-Lock, and/or ProLift racks. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
RRKFT	Mounting Roof Rail Kit, Transit	RRKNVFSV	Mounting Roof Rail Kit, NV
RRKSP	Mounting Roof Rail Kit, Sprinter	RRKPM	Mounting Roof Rail Kit, ProMaster, 118" WB, 159" WB, 159" WB Extended
RRKPM136WB	Mounting Roof Rail Kit, ProMaster, 136" WB	RRKSBTOP	Mounting Roof Rail Kit, Multiple Pickups
RRKLBTOP	Mounting Roof Rail Kit, Multiple Pickups		

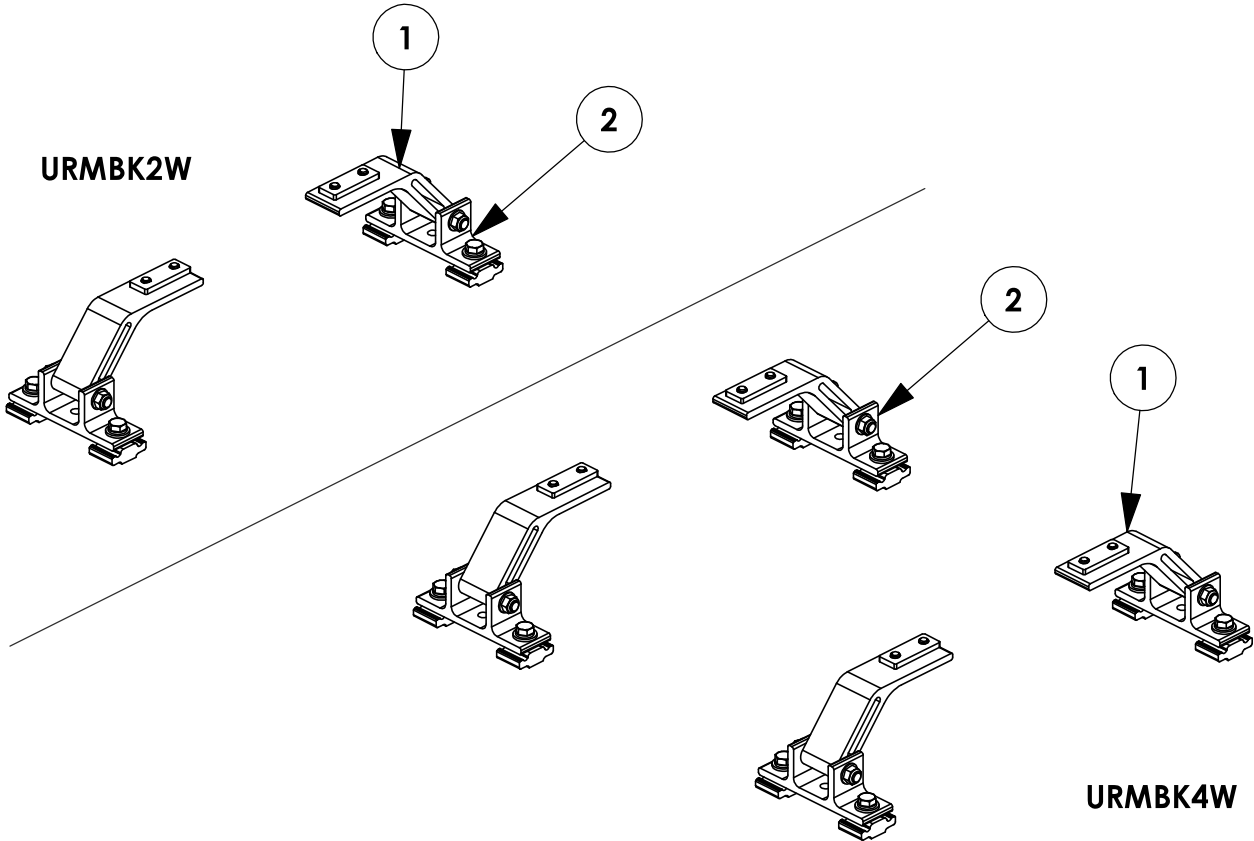
Reference respective OEM specific roof rail kit for more detailed list of compatible accessories.

INSTR. NUMBER : 66850 PART NUMBER : URGBK PART • DESC. • UTILITY,MNT BKT KT,RAIL	PG: 1	REV: E	ITEM NO.	PART NUMBER	DESCRIPTION	URMBK4W	URMBK2W
			1	65123-W	UTILITY,FT MOUNT ARM,ST,W	4	2
			2	63852-W	UTILITY, MOUNTING BRKT, W	4	2

-PART NUMBERS WITH "-W" SUFFIX ARE PAINTED WHITE
-FOR BLACK MOUNTING KITS, REPLACE "-W" PARTS WITH "-B" PARTS

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

- URMBK4W
- URMBK4B
- URMBK2W
- URMBK2B



TOOLS NEEDED:

- DRIVE RATCHET
- IMPACT DRIVER
- 3/16" SOCKET
- 1/2" SOCKET
- 1/2" WRENCH
- TAPE MEASURE

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.

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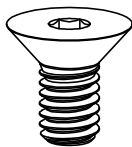
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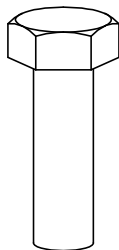
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED

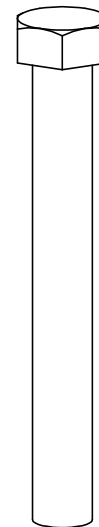
BAG REFERENCE: BAG66848



FAS0858
5/16-18X.63
FHH SCREW
QTY: 8



FAS0597
5/16-18X1.0 SS
HH SCREW
QTY: 8



FAS0243
5/16-18X2.5 SS
HH SCREW
QTY: 4



FAS0857
5/16 SS WASHER,
LOCK EXT CS
QTY: 8



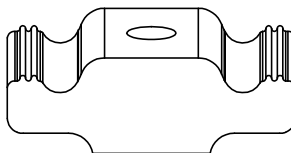
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



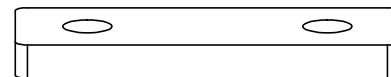
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



FAS0861
5/16-18 SS
HH FLG NUT
QTY: 4



63490
RAIL SLIDE,
1"
QTY: 8



68042
PROFILE FOOT
MOUNTING PLATE
QTY: 4

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STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW

CHECK TABLE 1-3 IN INSTRUCTION 68895 FOR ADDITIONAL ACCESSORY SLIDE INSTALLATION BEFORE INSTALLING MOUNTING BRACKETS (ALL A.2 ITEMS SHOULD BE COMPLETELY ASSEMBLED FIRST!)

STEP 1.1

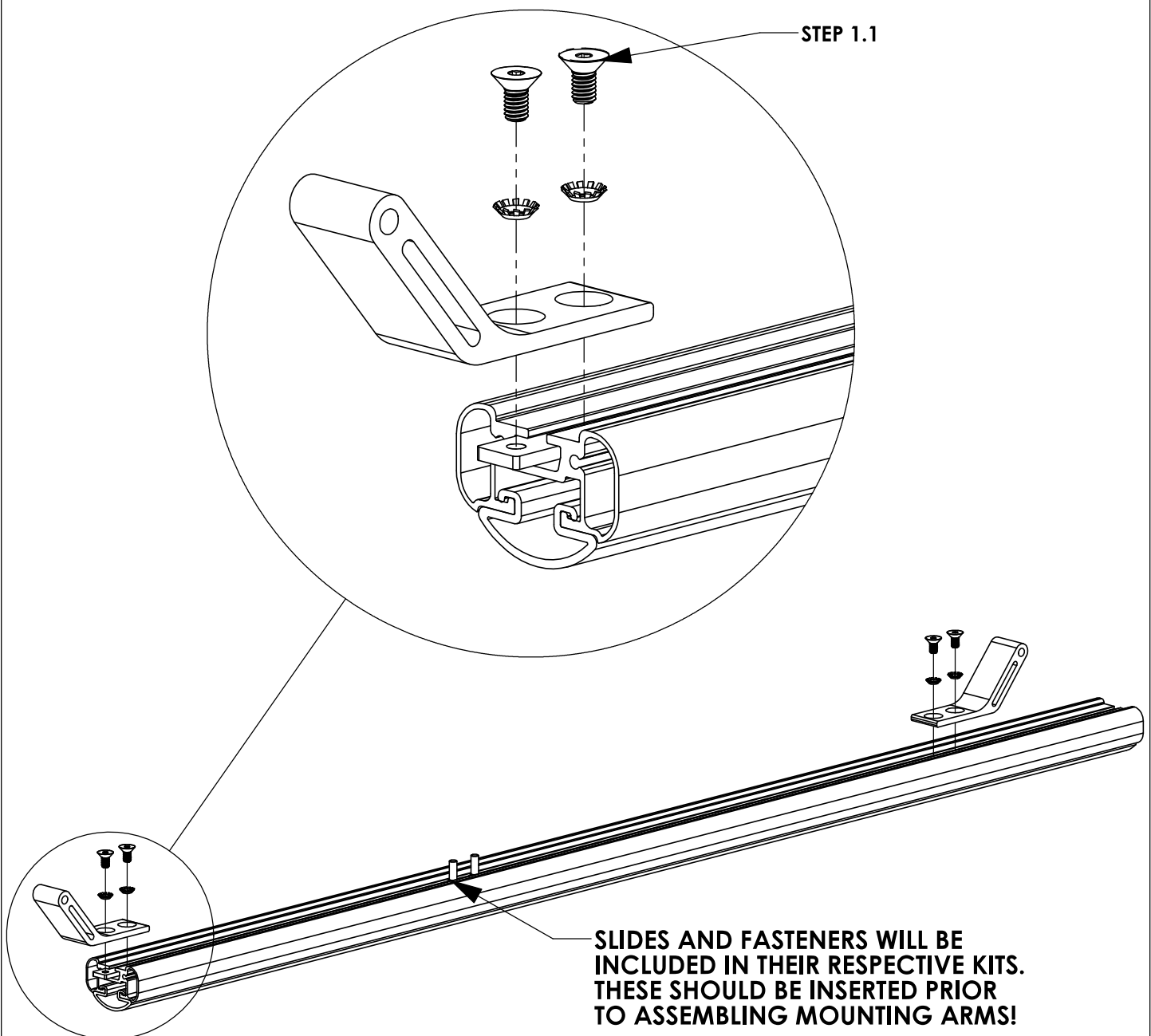
**LOOSELY ASSEMBLE
UNTIL AFTER STEP 3**

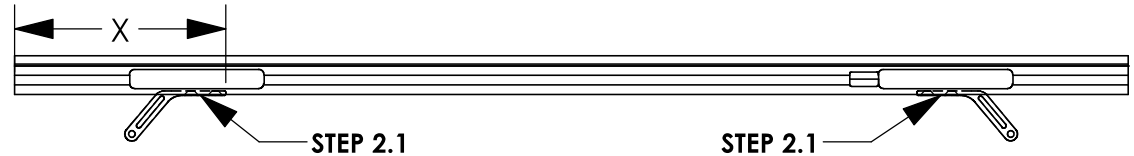
(2) FAS0857, (2)
FAS0858, 68042

(02 PLACES PER
CROSSBOW)
3/16" ALLEN

ATTENTION!

IF INSTALLING A GRIP-LOCK ON A PICKUP TRUCK TOPPER, ASSEMBLE MOUNTING ARMS FACING OUTWARD FOR THAT SIDE OF THE RACK



STEP 2 - SECURE CROSSBOW**STEP 2.1
FULLY TIGHTEN
FROM STEP 1.1****(04 PLACES PER
CROSSBOW)
3/16" ALLEN****FULL SIZE VANS****CENTER CROSSBOW ON MOUNTING BRACKETS****VEHICLE PLATFORM****DIMENSION "X" (in.) -
58" CROSSBOW****DIMENSION "X" (in.) -
68" CROSSBOW****FORD TRANSIT**

6 5/8"

11 5/8"

RAM PROMASTER

6"

11"

NISSAN NV

4 7/8"

9 7/8"

**MERCEDES SPRINTER
(LOW ROOF)**

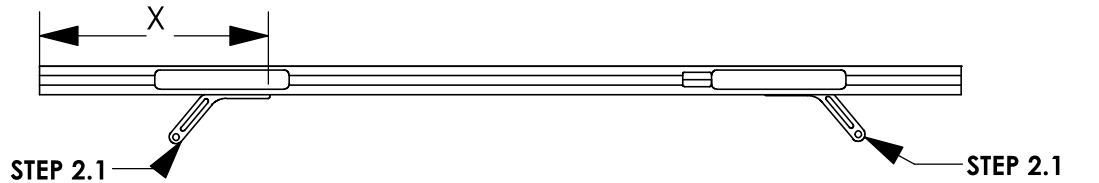
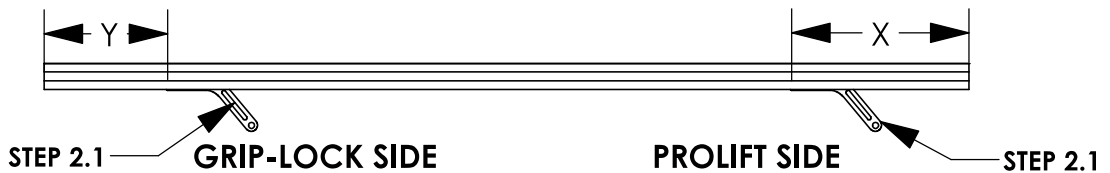
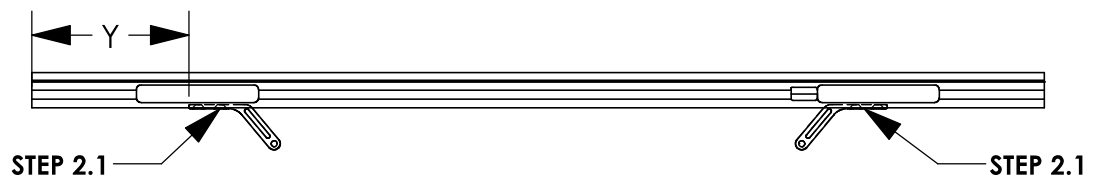
4 5/8"

9 5/8"

**MERCEDES SPRINTER
(HIGH ROOF)**

8 1/8"

13 1/8"

**DIMENSION WILL
VARY BASED ON
ROOF RAIL
PLACEMENT ON
TOPPER****PICKUP TRUCK TOPPERS****FEET ORIENTATION FOR DUAL PROLIFT SHOWN****FEET ORIENTATION FOR COMBO RACK SHOWN****FEET ORIENTATION FOR DUAL GRIP-LOCK SHOWN****MOUNTING FEET
FOR GRIP LOCK SIDE
OF COMBO RACK
WILL FACE
OUTWARD FROM
ROOF CENTERLINE
ON TOPPER****CROSSBOW LENGTH****DIMENSION "X" (in.)
- PROLIFT****DIMENSION "Y" (in.)
- GRIPLOCK****48" (PROLIFT)**

MINIMUM 10 1/8"

N/A

53" (COMBO)

MINIMUM 10 1/8"

MAX 7 1/8"

58" (GRIP-LOCK)

N/A

MAX 7 1/8"

**NOTE - THESE DIMENSIONS ARE APPROXIMATE AND WILL VARY
SLIGHTLY WITH ANY TOLERANCE IN THE BUILD OF THE VEHICLE**

STEP 3 - ASSEMBLE LOWER MOUNTING FOOT TO ROOF RAIL**STEP 3.1****FULLY TIGHTEN**

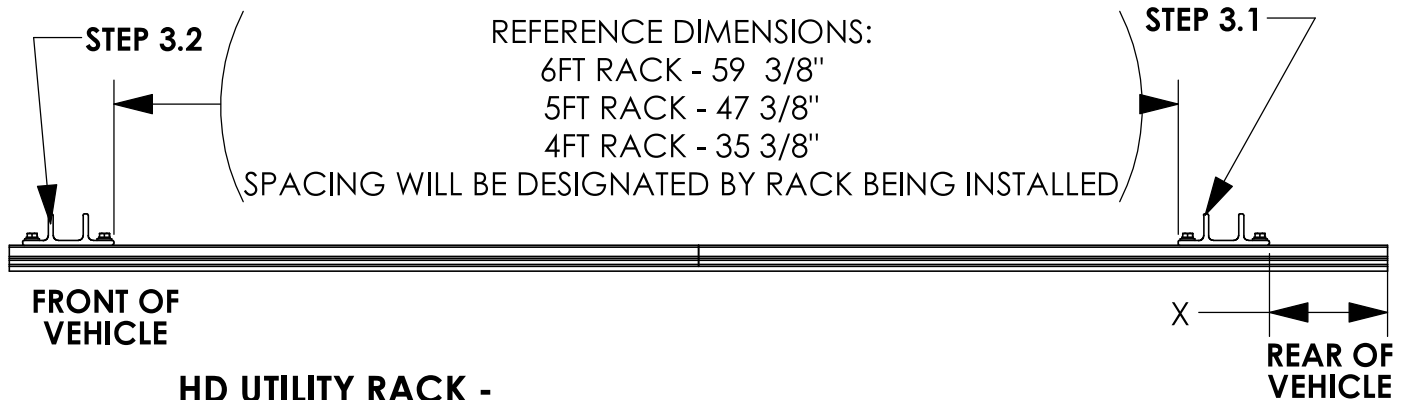
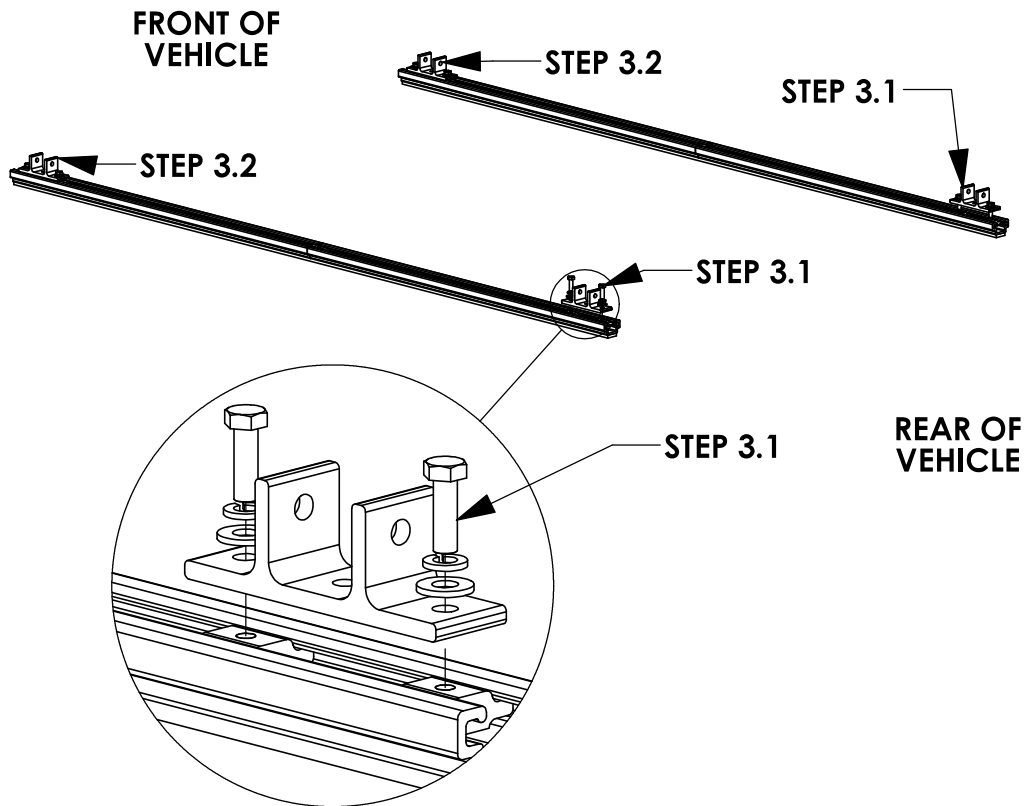
FAS0597, FAS0552,
FAS0588, 63490 ON
REAR MOUNTING FEET

(02 PLACES PER
MOUNTING FOOT)
1/2" SOCKET

STEP 3.2**LEAVE LOOSE UNTIL
AFTER STEP 4**

FAS0597, FAS0552,
FAS0588, 63490 ON
FRONT MOUNTING
FEET

(02 PLACES PER
MOUNTING FOOT)
1/2" SOCKET

**HD UTILITY RACK -**

REAR CROSSBOW - REARWARD AS POSSIBLE

FRONT CROSSBOW- POSITION TO BEST FIT END USER'S PRODUCT

FORD TRANSIT		RAM PROMASTER		MERCEDES SPRINTER	
ROOF HEIGHT/ WHEELBASE	POSITION X (IN)	ROOF HEIGHT/ WHEELBASE	POSITION X (IN)	ROOF HEIGHT/ WHEELBASE	POSITION X (IN)
LOW ROOF	7.5	LR 118	10	LR 144	10.5
MID ROOF	7.5	LR 136	10	HR 144	12.5
HIGH ROOF	7.5	HR 136	10	HR 170	12.5
HIGH ROOF EXT	7.5	HR 159/159 EXT	10	HR 170 EXT	12.5

STEP 4 - ASSEMBLE MOUNTING BRACKETS TO MOUNTING ARMS

BEFORE PROCEEDING WITH THIS STEP FINISH ASSEMBLING ACCESSORIES ONTO RACK. (IE GRIP LOCK, PROLIFT, ETC)

STEP 4.1**FULLY TIGHTEN**

FAS0243, FAS0552,
FAS0861

(02 PLACES PER
CROSSBOW)

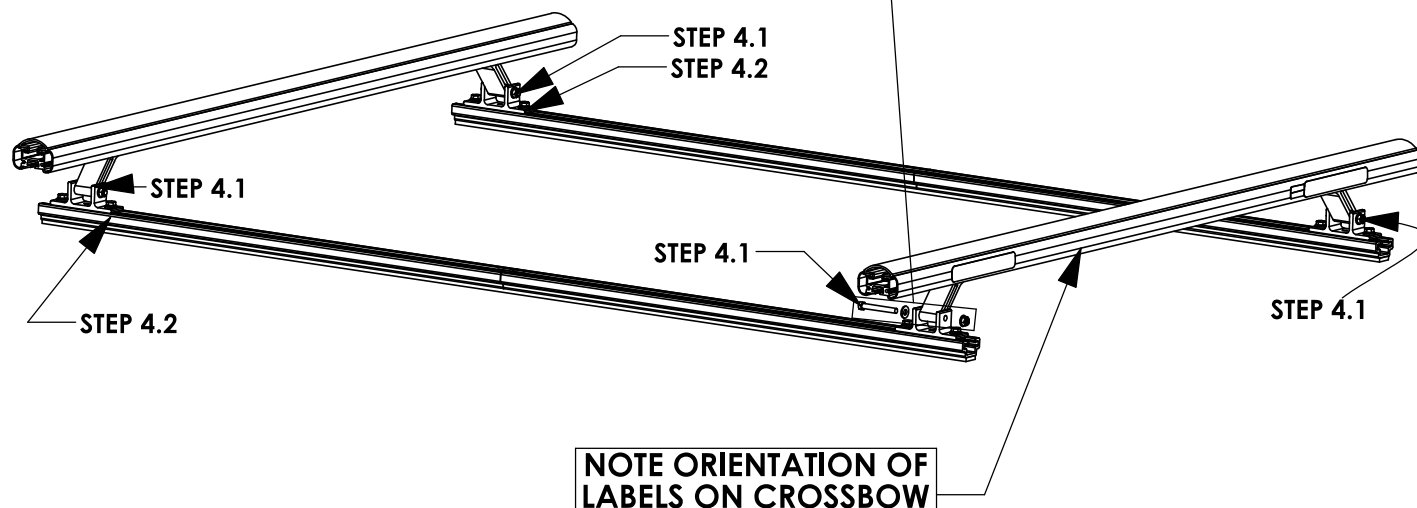
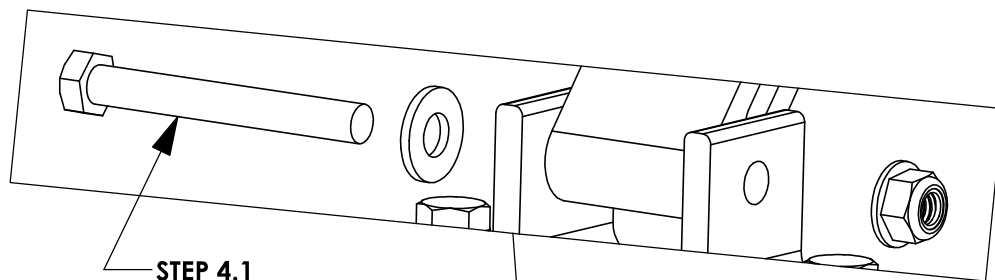
1/2" SOCKET
1/2" WRENCH

STEP 4.2**FULLY TIGHTEN**

FAS0597, FAS0552,
FAS0588, 63490 ON
FRONT MOUNTING
FEET

(02 PLACES PER
MOUNTING FOOT)

1/2" SOCKET



REFERENCE - NO ACCESSORIES SHOWN

STEP 5 - ADJUST MOUNTING BRACKET LOCATION IF NECESSARY

CROSSBOW POSITIONING NOTES:

HD UTILITY RACK -

REAR CROSSBOW - REARWARD AS POSSIBLE

FRONT CROSSBOW- POSITION TO BEST FIT END USER'S PRODUCT

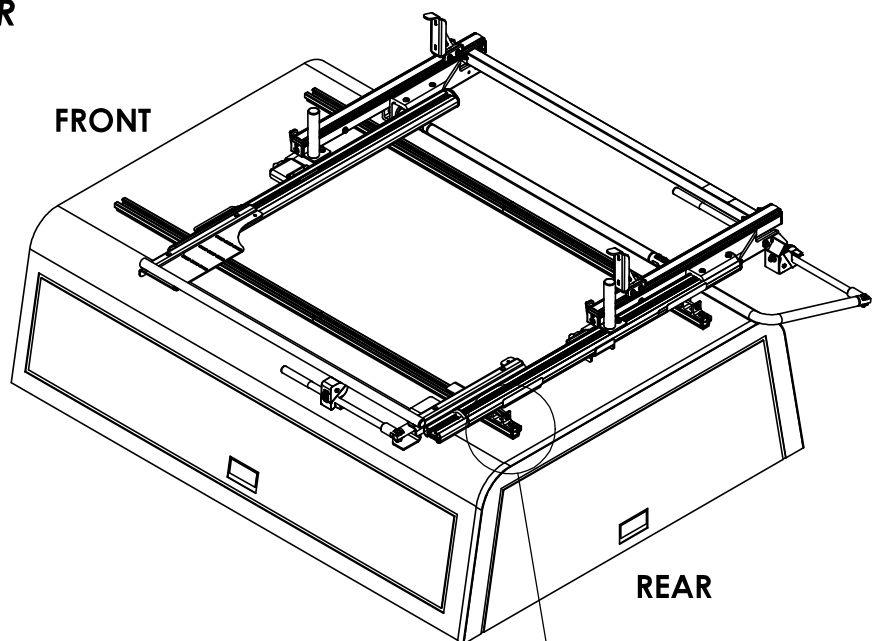
GRIP LOCK/PROLIFT LADDER RACKS -

1/2" FROM END OF RAIL UNLESS OTHERWISE STATED IN RESPECTIVE INSTRUCTION FOR CROSSBOW PLACEMENT.

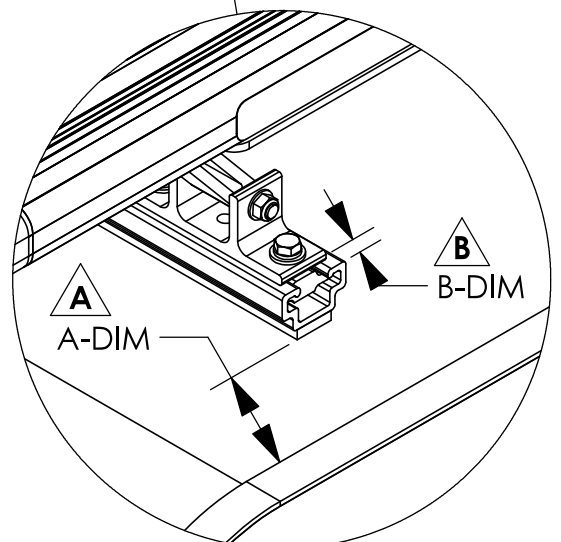
6' ARE TOPPER / 8' LEER TOPPER

A OPTIMAL RAIL KIT POSITION:
TOPPER ROOF RAIL KIT END TO BE
A-DIM FROM BLACK TOPPER TRIM

B UTILITY MOUNTING BRACKET:
REAR MOUNTING BRACKETS WILL
BE B-DIM FROM THE END OF THE
ROOF RAIL KIT



TOPPER/ DIMENSION	6' ARE TOPPER	8' LEER TOPPER
A-DIM	3.00"	1.00"
B-DIM	0.50"	0.50"

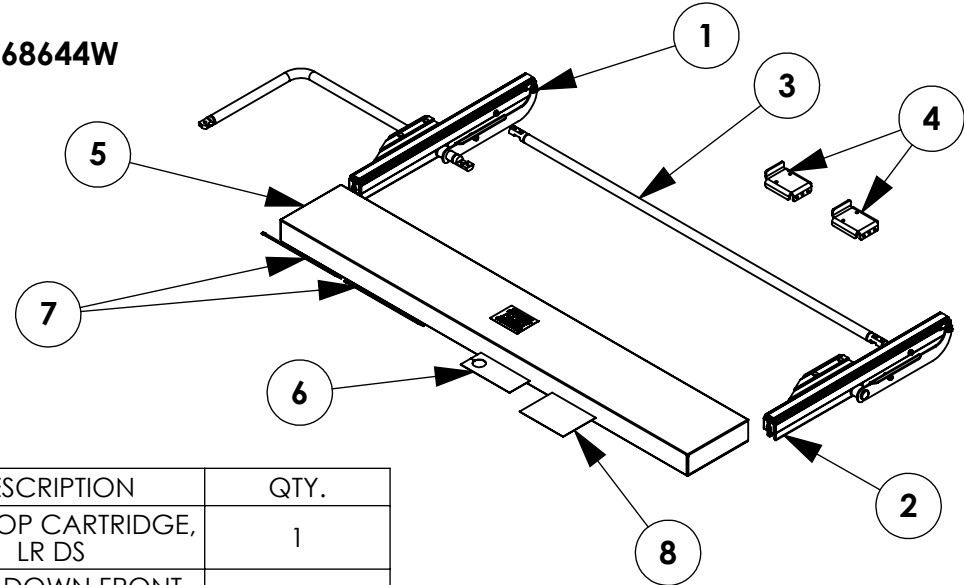


NOTE:

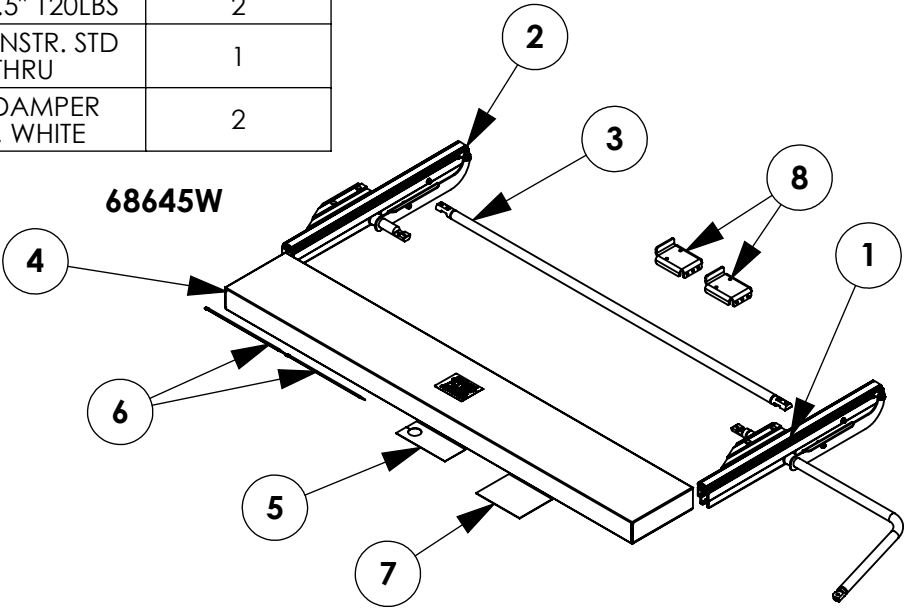
IF RAILS HAVE BEEN PREVOIUSLY INSTALLED, LOOSEN TOPPER RAIL BRACKET RAIL SLIDES AND ADJUST TO MEET DESIRED POSITIONING

INSTALLATION IS COMPLETE!! MAKE SURE ALL FASTENERS ARE TIGHTENED

INSTR. NUMBER : 68654	PG: 1	REV: E	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	68297-W	STD DROP CARTRIDGE, LR PS, WHITE	1
PART NUMBER : 68644W & 68645W			2	68031-W	FRONT CARTRIDGE, PS, WHITE	1
			3	66572-B	DROP DOWN, CS CENTER DRIVELINE, BLK	1
PART DESC. • PROLIFT,STD,PS,LR,SHIP THRU • & • PROLIFT,STD,DS,LR,SHIP THRU			4	68045-W	PROLIFT DAMPER MOUNT, WHITE	2
						5
			6	68653	HANG TAG, SHIP THRU	1
			7	69494	WIRE TIE, 14.5" 120LBS	2
			8	68654	ASM/INST INSTR. STD SHIP THRU	1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	68298	STD DROP CARTRIDGE, LR DS	1
2	68013	DROP DOWN FRONT ARM ASM DS	1
3	66563-B	DROP DOWN, SS CENTER DRIVELINE, BLK	1
4	HDW68647	SHIP THRU PARTS FOR PROLIFT STANDARD	1
5	68653	HANG TAG, SHIP THRU	1
6	69494	WIRE TIE, 14.5" 120LBS	2
7	68654	ASM/INST INSTR. STD SHIP THRU	1
8	68045-W	PROLIFT DAMPER MOUNT, WHITE	2



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.

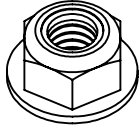
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

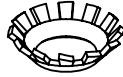
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

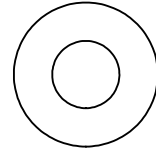
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED

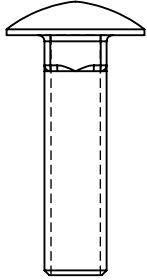
FAS0861
NUT,HEX NLK FLG 5/16-18
QTY: 10



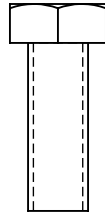
FAS0857
WASHER,LCK EXT CS 5/16
QTY: 4



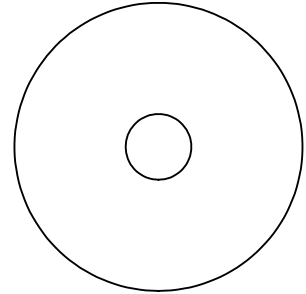
FAS0552
WASHER,FLAT USS 5/16
QTY: 6



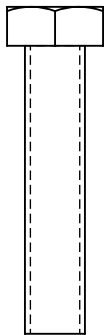
FAS0812
BOLT,CRG 5/16-18X1.25 SS
QTY: 4



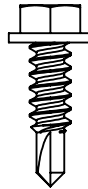
FAS0283
SCREW,HH 5/16-18X.875
QTY: 2



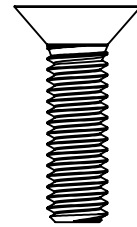
FAS0603
WASHER,FENDER 5/16X1.5
QTY: 2



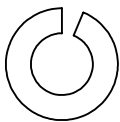
FAS0242
SCREW,HH 5/16-18X1.5
QTY: 4



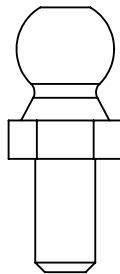
FAS0473
SCREW,HH TEK #12X.75
QTY: 4



FAS0856
SCREW,FHH 5/16-18X1.13
QTY: 4



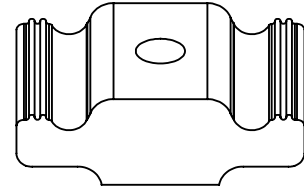
FAS0588
WASHER,LCK SPLIT 5/16
QTY: 2



34927-0
BALL STUD 13MM X 5/16-18
QTY: 2

FASTENERS AND HARDWARE USED

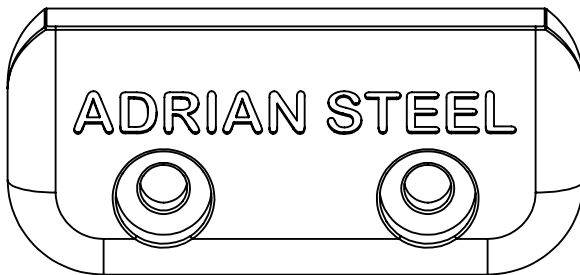
64831
REAR ROLLER, SPACER
QTY: 2



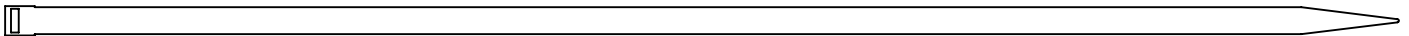
63490
RAIL SLIDE, 1"
QTY: 6



64830
REAR ROLLER, BOLT PLATE
QTY: 2



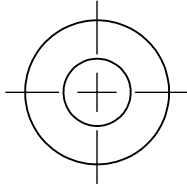
65961
DROP DOWN END CAP
QTY: 2



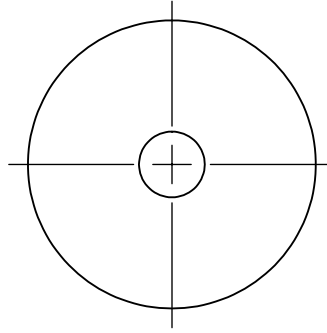
69494
WIRE TIE, 14.5" 120LBS
QTY: 2

INTENTIONALLY LEFT BLANK

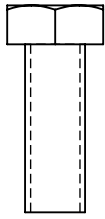
SUPPLEMENTAL FASTENERS AND HARDWARE USED (QTY PER 68644W & 68645W)



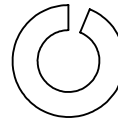
FAS0552
WASHER,FLAT USS 5/16
68644W OR 68645W QTY: 6
BOTH 68644W & 68645W: QTY: 4



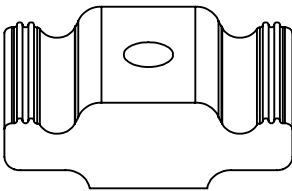
FAS0603
WASHER,FENDER 5/16X1.5
68644W OR 68645W QTY: 6
BOTH 68644W & 68645W: QTY: 4



FAS0283
SCREW,HH 5/16-18X.875
68644W OR 68645W QTY: 6
BOTH 68644W & 68645W: QTY: 4



FAS0588
WASHER,LCK SPLIT 5/16
68644W OR 68645W QTY: 6
BOTH 68644W & 68645W: QTY: 4



63490
RAIL SLIDE, 1"
68644W OR 68645W QTY: 6
BOTH 68644W & 68645W: QTY: 4

STEP 1 - MOUNT DAMPER BRACKETS TO CROSSBOW

Step 1.1
INSTALL SLIDES AND
HARDWARE ON TOP
OF CROSSBOWS
 USING FAS0283,
 FAS0588, FAS0552,
 FAS0603, 63490
 (4 PLACES PER
 CROSSBOW)
 1/2" SOCKET

REPEAT ON FRONT
AND REAR
CROSSBOW

Step 1.2
INSTALL SLIDE FOR
DAMPER BRACKETS
IN BOTTOM OF
CROSSBOW. USE
 FAS0812, 64830,
 64831, & FAS0861
 (4 PLACES PER
 SLIDE)
 1/2" SOCKET

Step 1.3
INSTALL BALL STUD
FOR DAMPER
BRACKETS INSTALL
IN 1.2
 USE 34927-0 &
 FAS0861
 (2 PLACES PER
 SIDE)
 1/2" WRENCH
 1/2" SOCKET

REAR CROSSBOW

DRIVER SIDE

PASSENGER SIDE

FRONT CROSSBOW

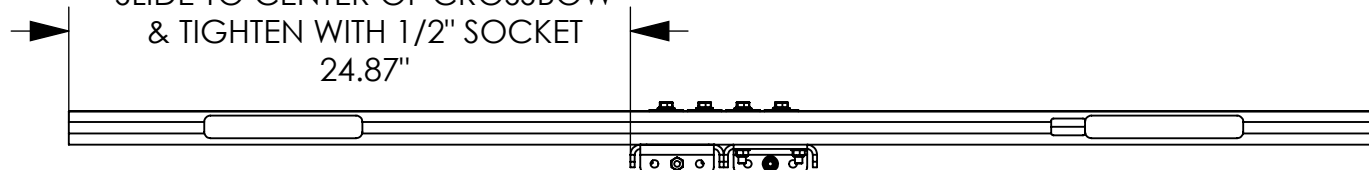
STEP 1.2

STEP 1.3

STEP 1.1

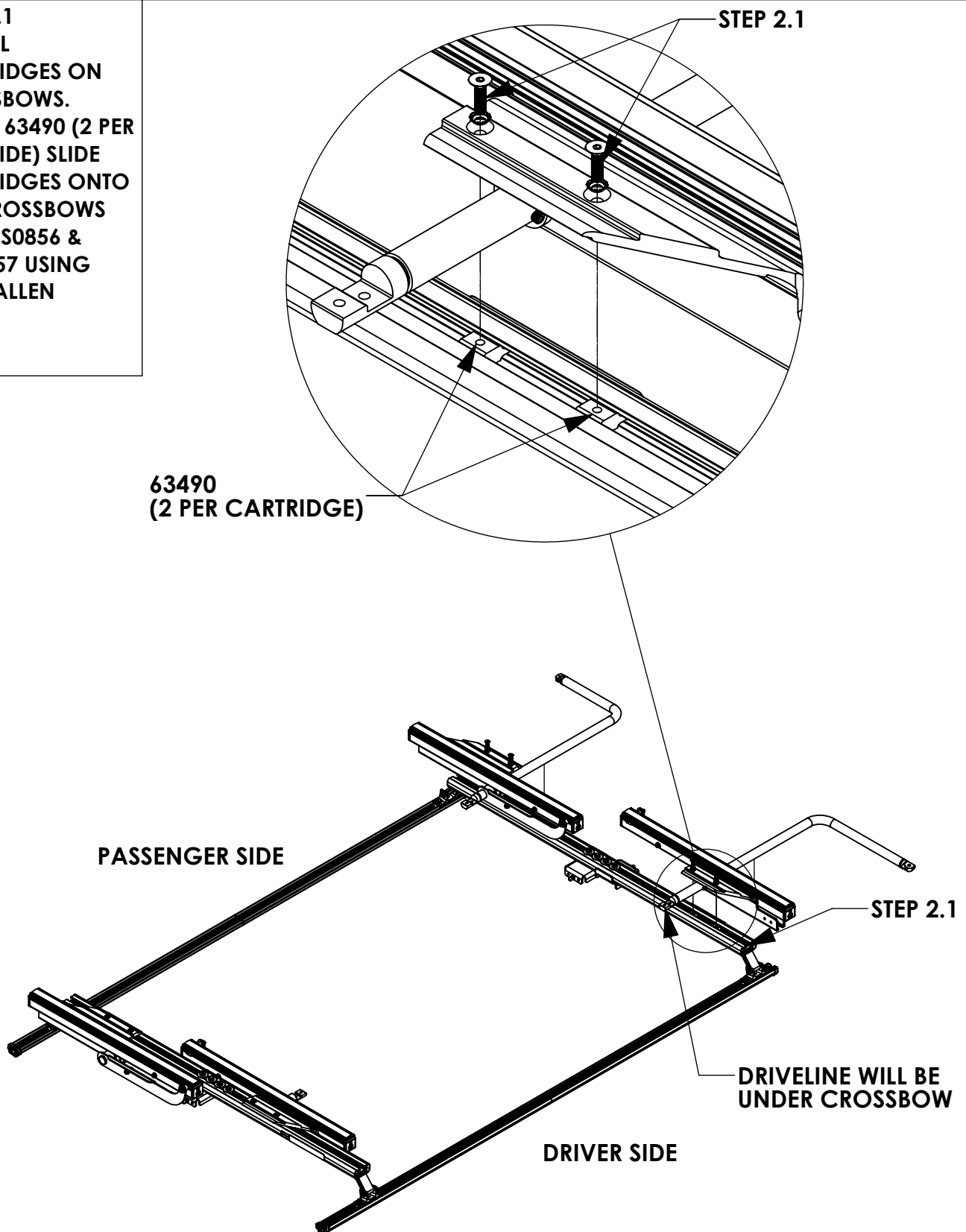
NOTE:
SUPPLEMENTAL
FASTENERS TO BE
USED WITH
ATTACHING
BEACONS AND
CONDUITS TO
LADDER RACK

SLIDE TO CENTER OF CROSSBOW
 & TIGHTEN WITH 1/2" SOCKET
 24.87"



STEP 2 - INSTALL CARTRIDGES ON CROSSBOWS

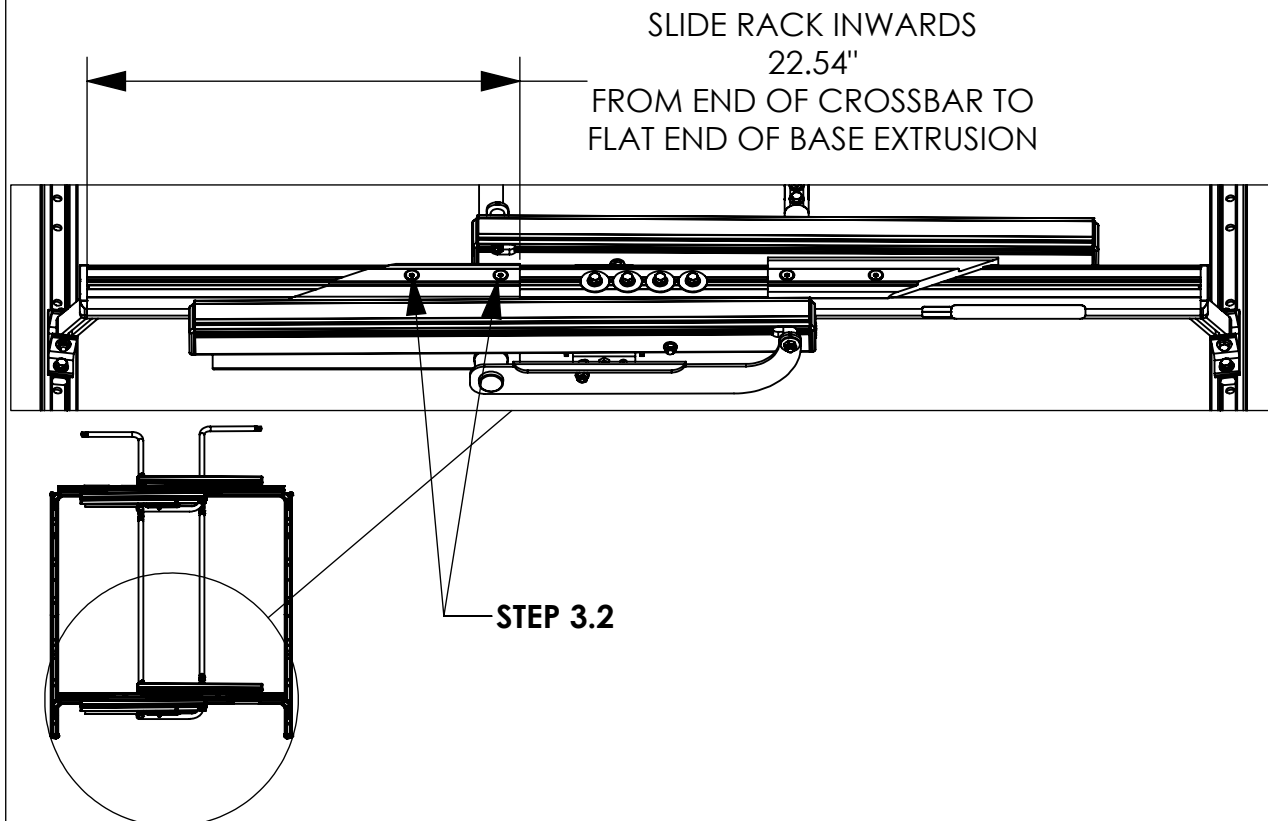
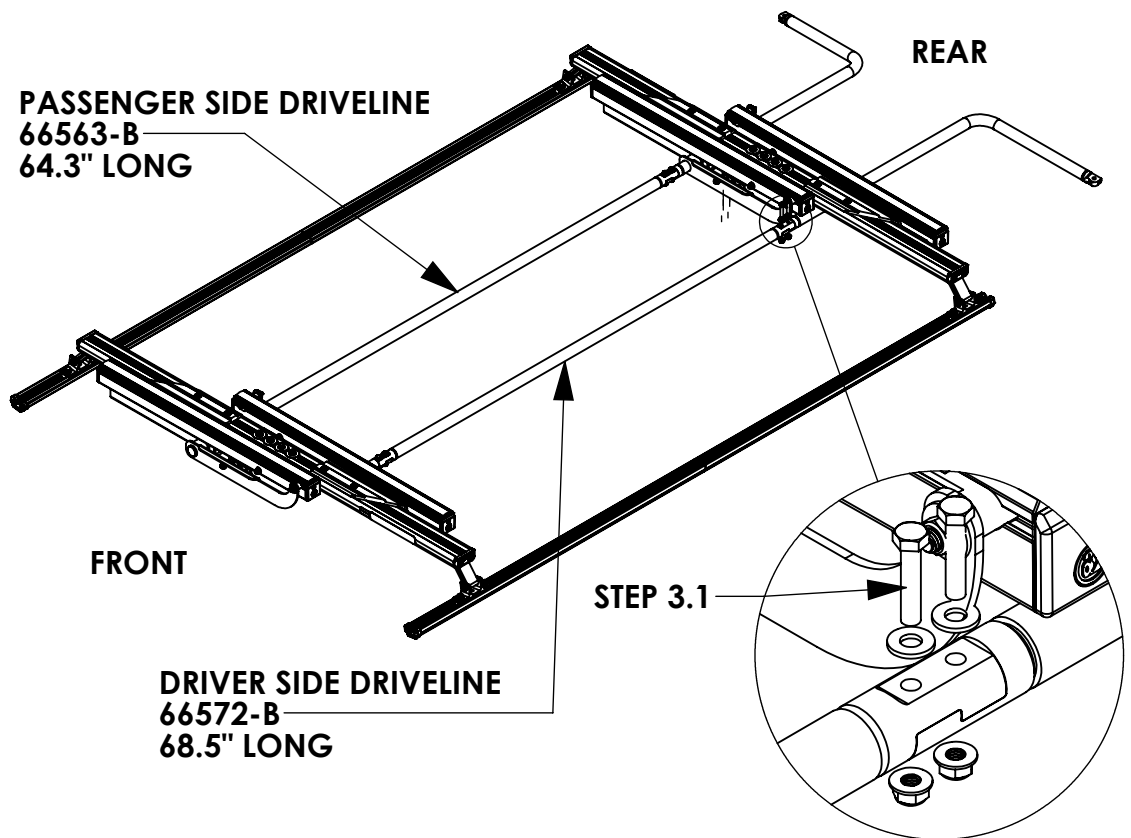
Step 2.1
INSTALL
CARTRIDGES ON
CROSSBOWS.
INSERT 63490 (2 PER
CARTRIDGE) SLIDE
CARTRIDGES ONTO
THE CROSSBOWS
USE FAS0856 &
FAS0857 USING
3/16" ALLEN



STEP 3 - INSTALL DRIVELINE & SLIDE RACK TO CENTER OF VAN

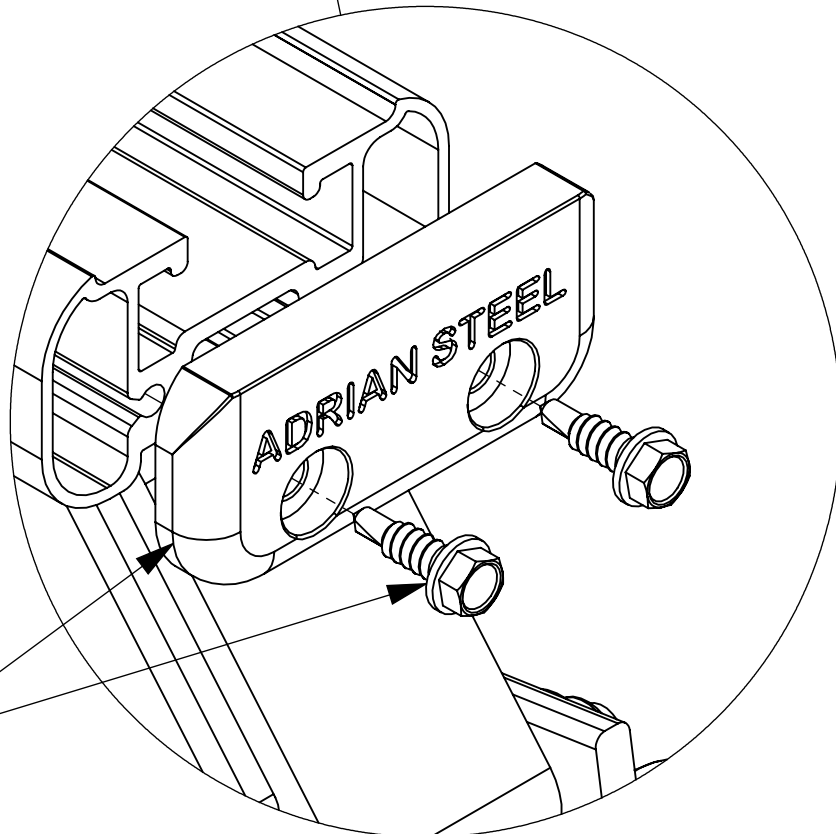
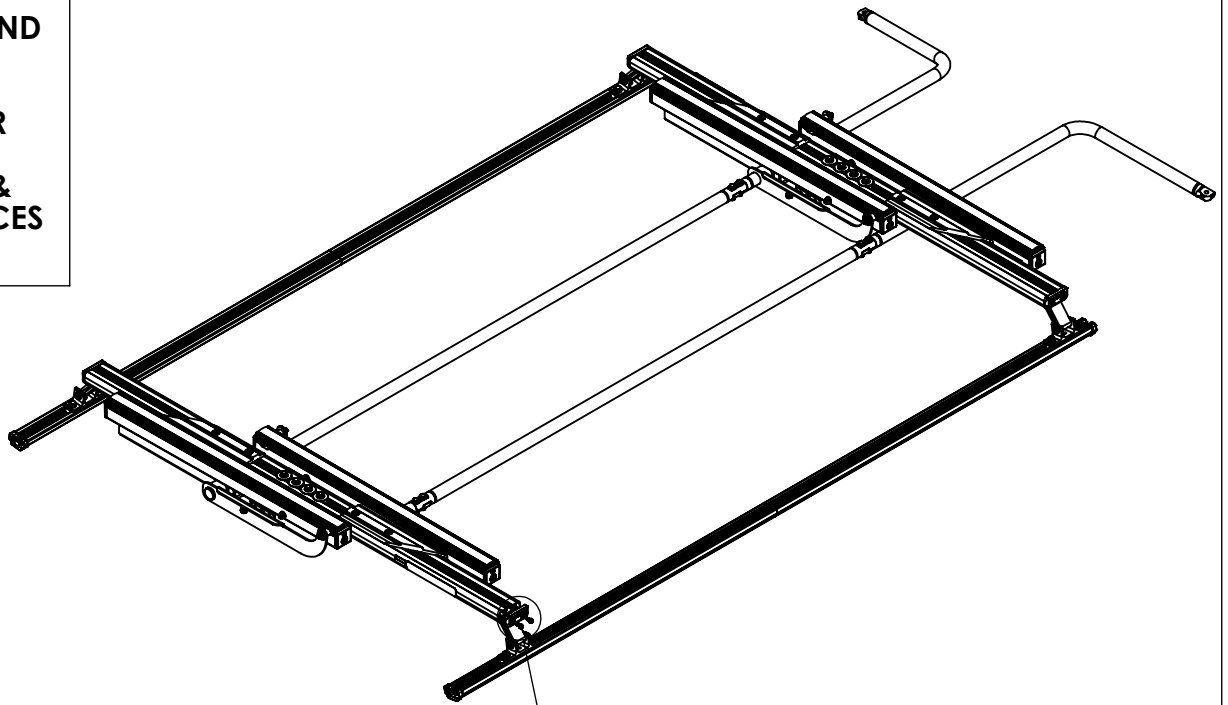
Step 3.1
INSTALL DRIVELINE
TIGHTEN FAS0242,
FAS0552 &
FAS0861
(4 PLACES PER
SIDE)
1/2" WRENCH
1/2" SOCKET

Step 3.2
SLIDE RACK
INWARD 22.54"
FROM END OF
CROSSBOW
TIGHTEN RACK
DOWN WITH 3/16"
ALLEN WRENCH
(2 PLACES PER
CARTRIDGE)



STEP 4 - INSTALL CROSSBOW END CAPS

Step 4.1
INSTALL
CROSSBOW END
CAPS USING
FAS0473
(4 PLACES PER
SLIDE)
3/8" SOCKET &
65961 (2 PLACES
PER SLIDE)



STEP 4.1



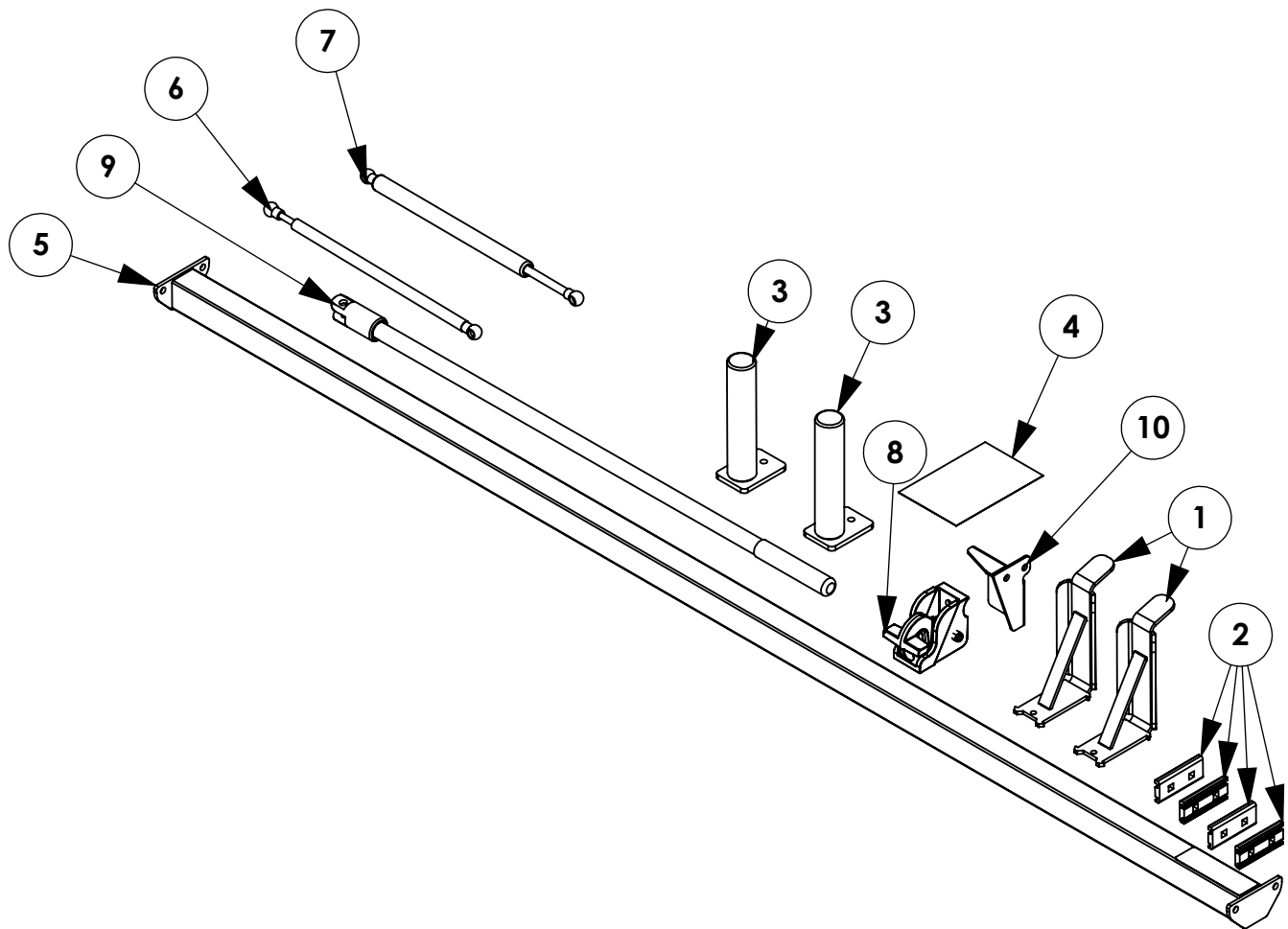
**ZIP TIE (69494) ARM TO
OPPOSITE SIDE DRIVELINE
FOR DUAL SIDED RACKS**

**ZIP TIE (69494) ARM TO
CROSSBOW FOR COMBO
OR SINGLE SIDED RACKS**

**SHIP THRU INSTALL IS
COMPLETE**



INSTR. NUMBER : 68753	PG: 1	REV: C	ITEM NO.	PART NUMBER	DESCRIPTION	HDW68647
			1	68037-B	CLAMP PAD, 6.5", BLACK	2
PART NUMBER : HDW68647			2	65963-W	STOP CLAMP, WHITE	4
			3	68186-W	PROLIFT INNER POST, WHITE	2
			4	BAG68182	BAG 1, LOW ROOF PROLIFT	1
PART • ASM/INST INS. STD FINAL DESC. • ASSEMBLY			5	66959-W	DROP DOWN OUTER BAR, WELDMENT, WHITE	1
			6	48265	DAMPER ASSEMBLY	1
			7	58239	COMPRESSION DAMPER	1
			8	25340-0	HANDLE LATCH-STD	1
			9	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1
			10	68180-W	DROP DOWN LATCH BRACKET, WHITE	1



TOOLS NEEDED:

- 1/2" SOCKET
- 1/2" WRENCH
- 9/16" SOCKET
- 3/8" SOCKET
- DRIVE RATCHET
- 7/32" ALLEN WRENCH
- 3/16" ALLEN WRENCH
- TAPE MEASURE
- RUBBER Mallet
- IMPACT DRIVER

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.

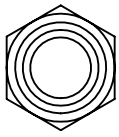
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PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

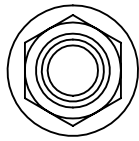
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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

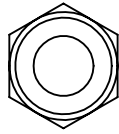
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED BAG61182

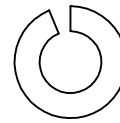
FAS0399
NUT,HEX NLK LT
3/8-16 SS
QTY: 1



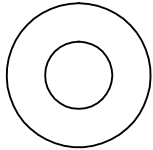
FAS0861
NUT,HEX NLK FLG
5/16-18SS
QTY: 8



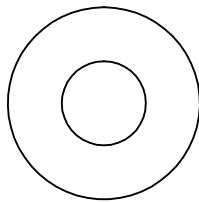
FAS0110
NUT,HEX NLK
3/8-16 SS W
QTY: 1



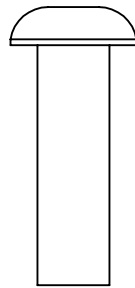
FAS0588
WASHER,LCK SPLIT
5/16 SS
QTY: 2



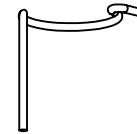
FAS0552
WASHER,FLAT
USS 5/16 SS
QTY: 2



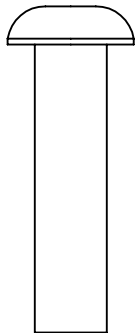
FAS0720
WASHER,FLAT
USS 3/8 SS
QTY: 1



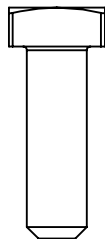
FAS0701
SCREW,BHCS
3/8-16X1.25 SS
QTY: 1



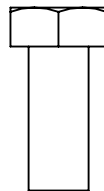
34928-0
CLIP,SPRING,
RETAINER,13MM
QTY: 4



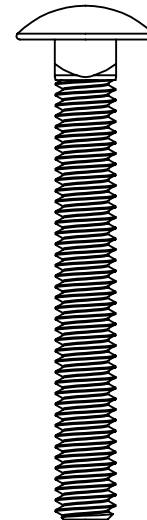
FAS0819
SCREW,BHCS
3/8-16X1.5 SS
QTY: 1



FAS0035
BOLT,SQ HD
5/16-18X1.0 SS
QTY: 4



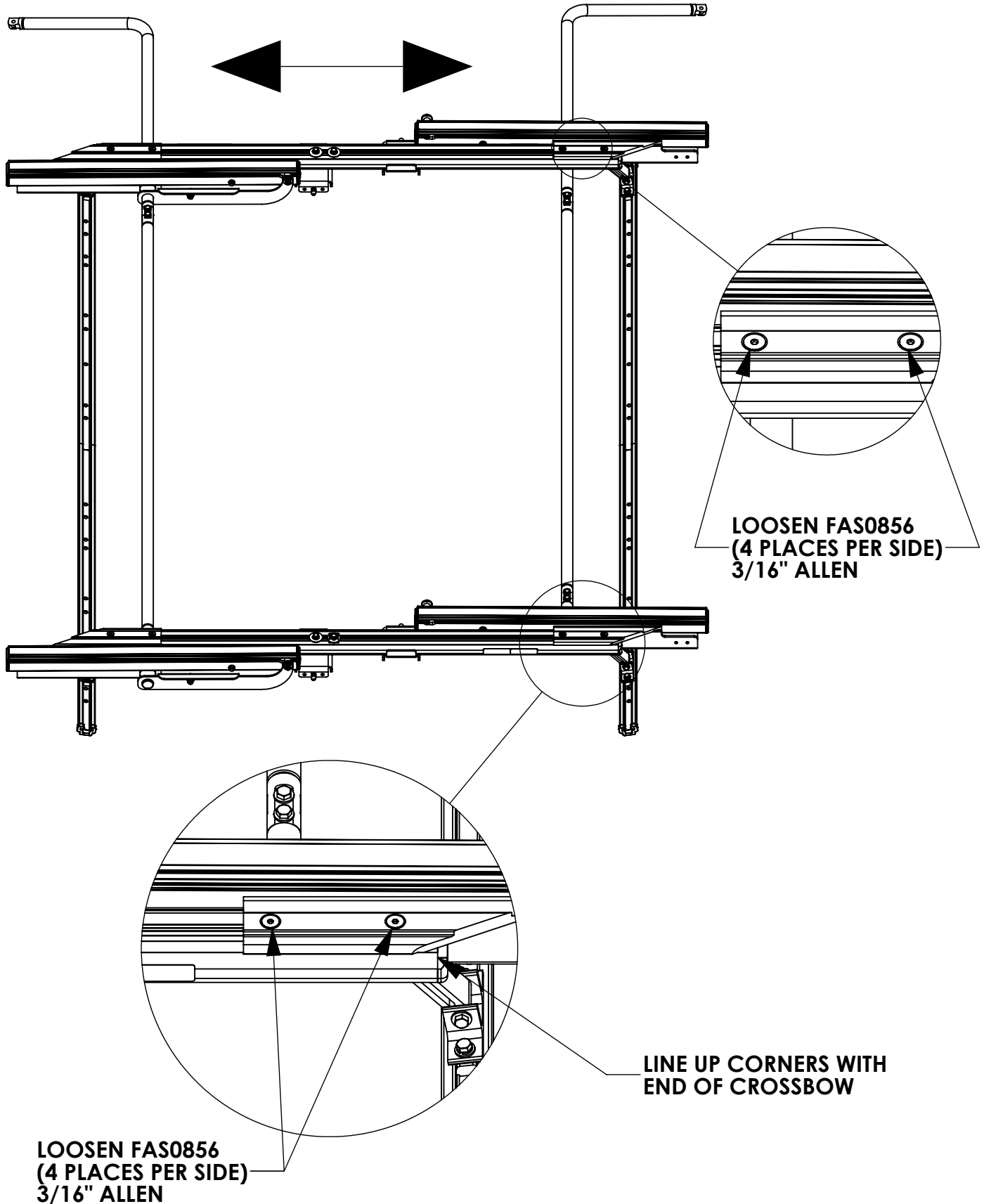
FAS0799
SCREW,HH
5/16-18X.75 SS
QTY: 2

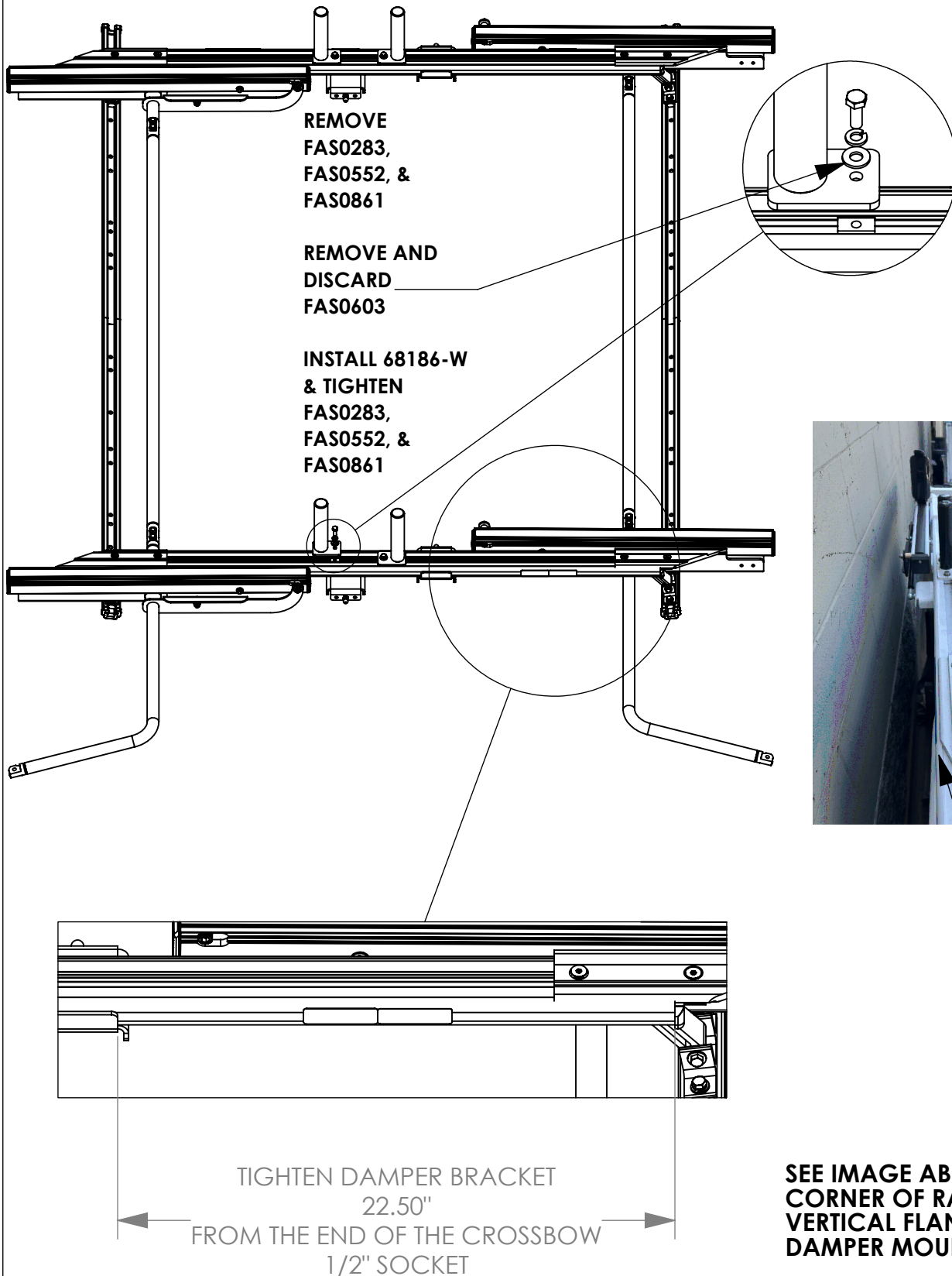


FAS0838
BOLT,CRG
5/16-18X2.5 SS
QTY: 4

INTENTIONALLY LEFT BLANK

STEP 1 - SLIDE RACK OUTWARDS FROM STOWED SHIP THRU POSITION



STEP 2 - ADJUST DAMPER BRACKETS AND INSTALL INNER STOPS ON CROSSBOW

STEP 3 - ATTACH HANDLE AND LOCK

IF INSTALLING A TOPPER PROLIFT, IGNORE STEPS 3.2 & 3.3 AND SEE STEP 5 ON PAGE 10

Step 3.1**FULLY TIGHTEN**

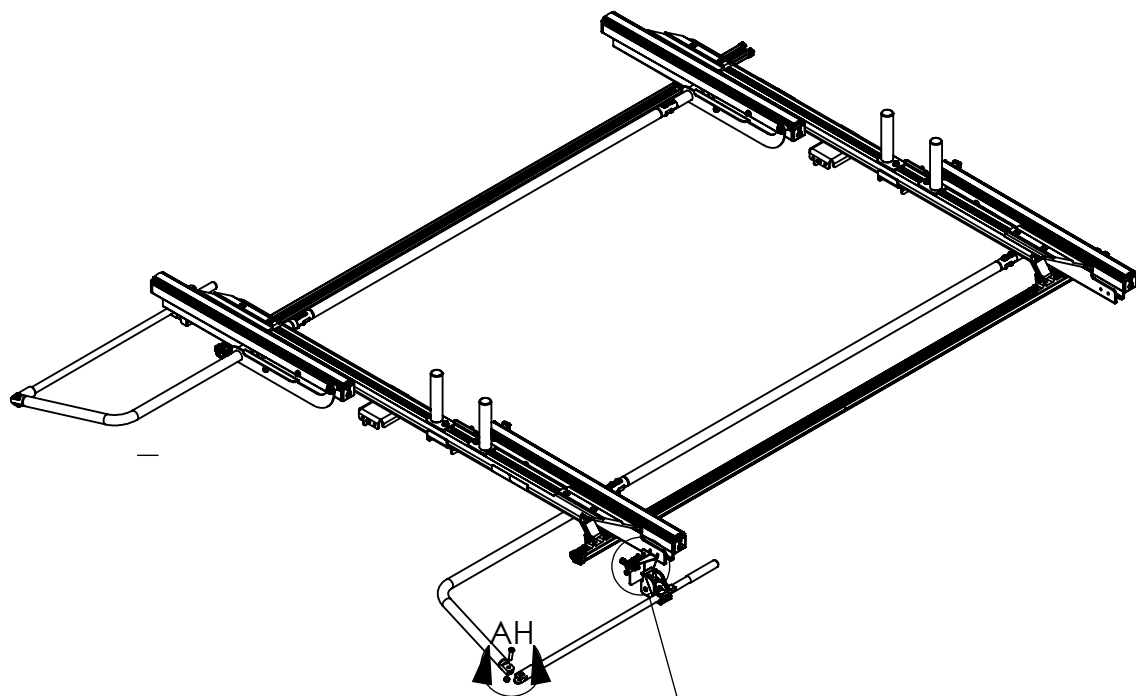
FAS0819 & FAS0399
(01 PLACE PER SIDE)
7/32" ALLEN
9/16" SOCKET

Step 3.2**FULLY TIGHTEN**

FAS0799, FAS0552, &
FAS0588
(02 PLACES PER SIDE)
1/2" SOCKET

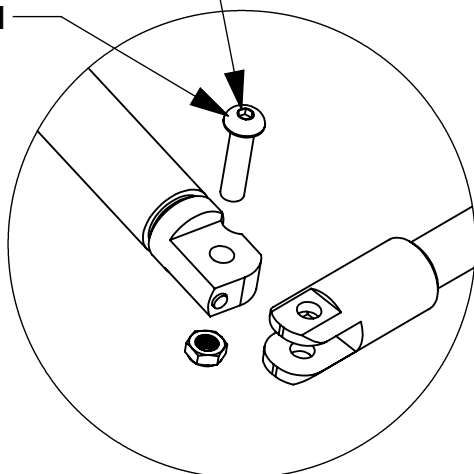
Step 3.3**FULLY TIGHTEN**

FAS0701, FAS0110,
& FAS0720
(01 PLACE PER SIDE)
7/32" ALLEN
9/16" SOCKET



USE FAS0819 & FAS0399
(1 PLACE PER SIDE)
7/32" ALLEN
9/16" SOCKET

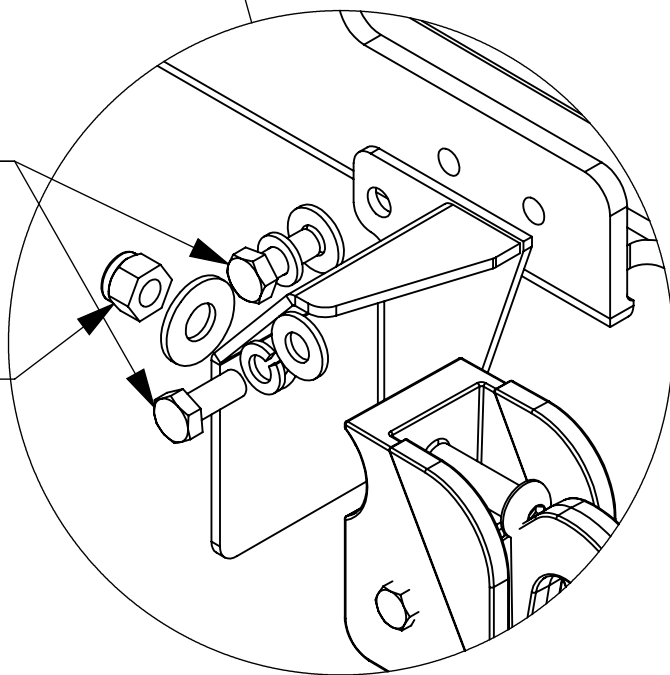
STEP 3.1



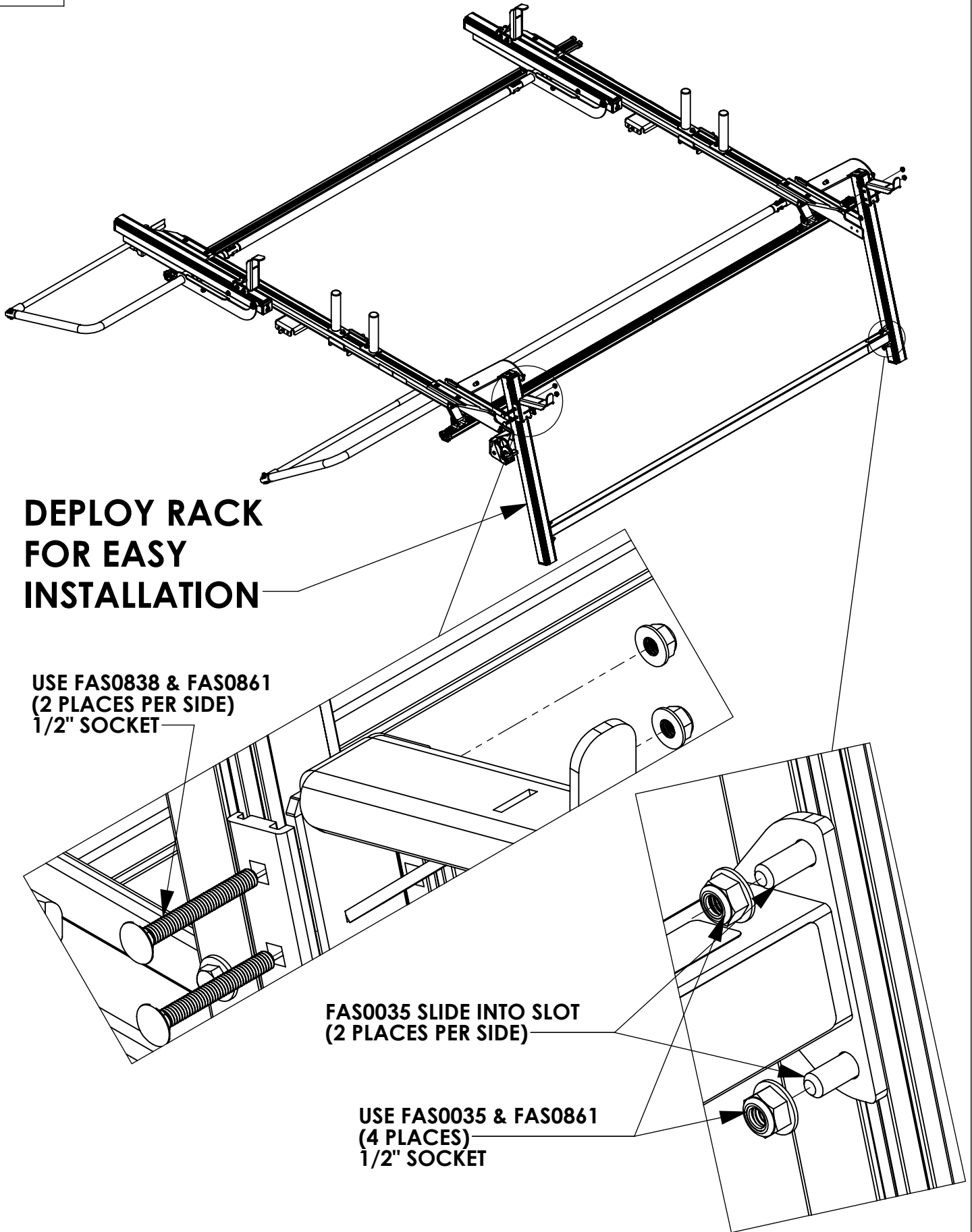
DETAIL AH
SCALE 1 : 3

STEP 3.2

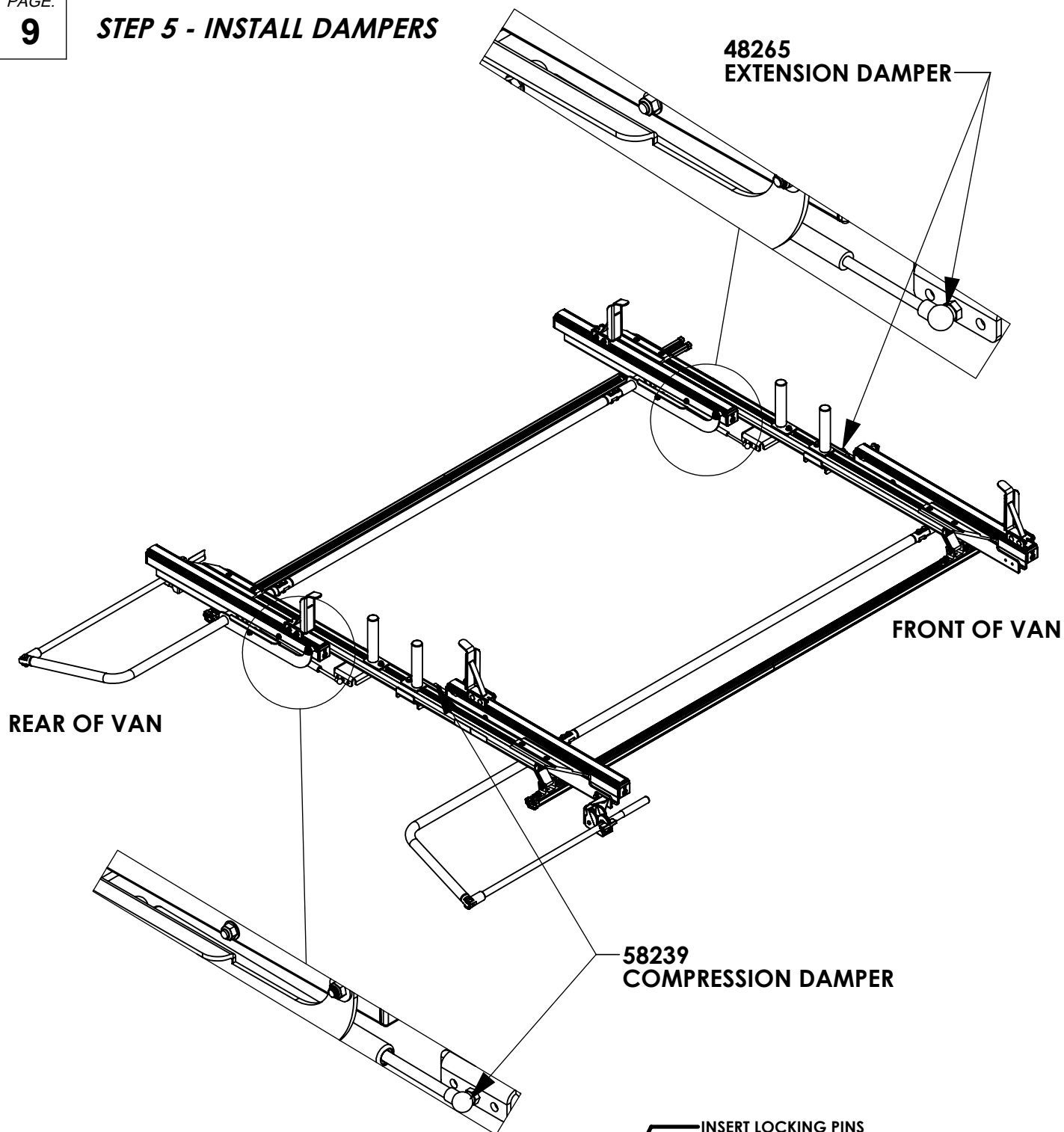
STEP 3.3



STEP 4 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES



STEP 5 - INSTALL DAMPERS



INSERT LOCKING PINS
AFTER MOUNTING
DAMPERS TO BALL STUDS



STEP 6 - CHECK CLEARANCES FOR 76737 APPLICATION

**CHECK TO ENSURE ORIENTATION/POSITION
OF PARTS ARE CORRECT AS WELL AS
ENSURING ENOUGH CLEARANCE FOR
OPTIMAL FUNCTION.**

MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE

INSTR. : 69484
NUMBER

PG: 1
REV: A

PART • Standard Drop ProLift
NUMBER • Low & Compact Vans

PART ProLift Adjustment Instructions -
DESC. • Standard Drop
• Low Roof & Compact Vans

Step 3: With 1/2" Socket loosen nut, slide post so that it is snug against the ladder. Tighten nut

Step 1: With 1/2" Socket loosen nut, slide post so that it is snug against the ladder. Tighten nut

SLIDE FORWARD

SLIDE FORWARD

Step 4: With 1/2" Socket loosen nuts (X2) slide clamp so that it is snug against the ladder. Tighten nuts (X2)

Step 2: With 1/2" Socket loosen nuts (X2) slide clamp so that it is snug against the ladder. Tighten nuts (X2)

Once all brackets are adjusted operate rack to make sure clamps are not too tight