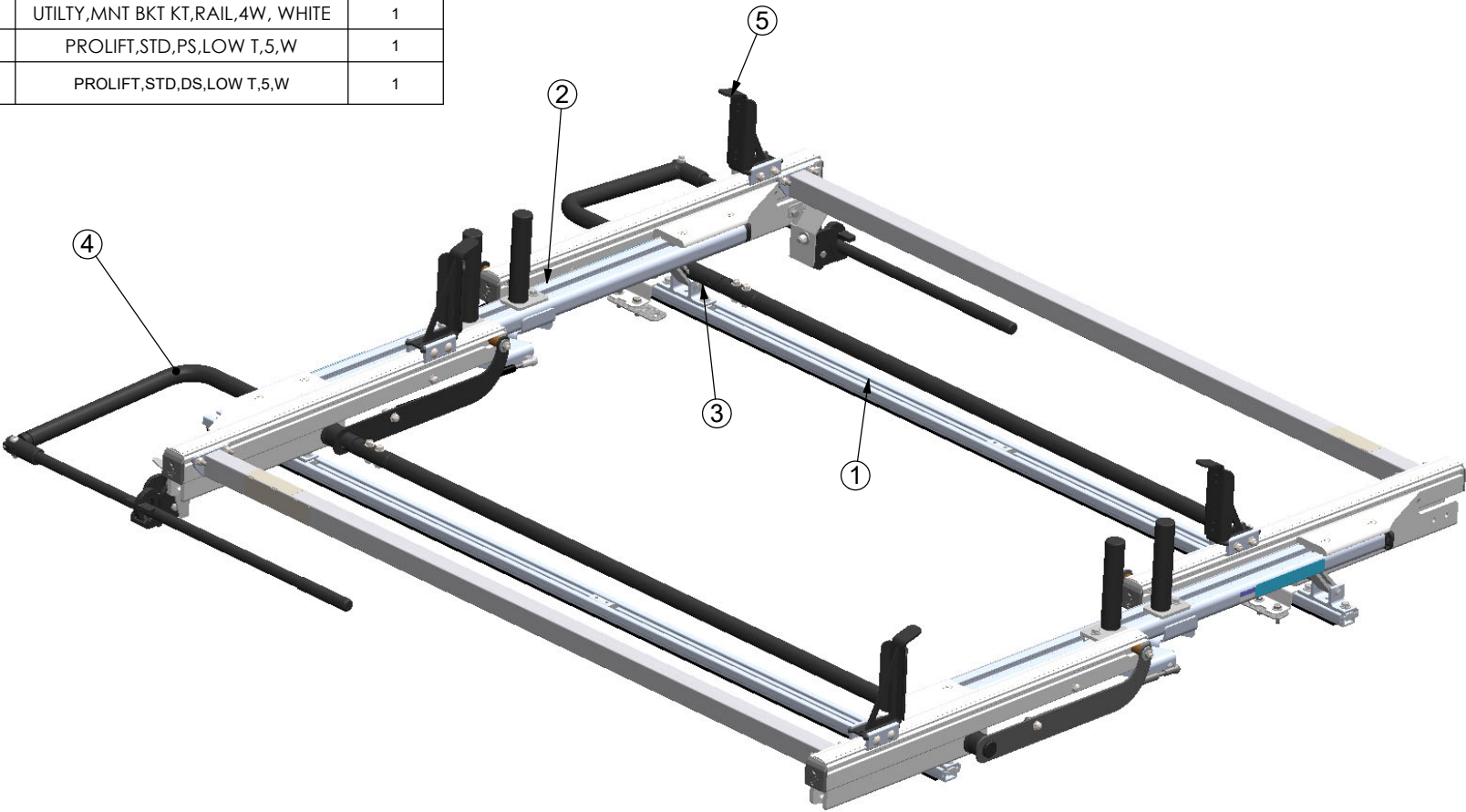


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RRKTOP74	ROOF RAIL KIT, TOPPER, 74"	1
2	2BARTOPW	2BAR UTILITY RACK, TOP, W	1
3	URMBK4W	UTILTY, MNT BKT KT, RAIL, 4W, WHITE	1
4	PLSDPSLT5W	PROLIFT, STD, PS, LOW T, 5, W	1
5	PLSDDSLT5W	PROLIFT, STD, DS, LOW T, 5, W	1



THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY


TOLERANCES & INSPECTION		
UNLESS OTHERWISE SPECIFIED		
ALL BEND ANGLES ARE 90 DEGREES		
ALL DIMENSIONS ARE IN INCHES.		
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION		
FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .125	0.0 = ± .062	0° = ± 2°
0.00 = ± .062	0.00 = ± .031	0.0° = ± 1°
0.000 = ± .031	0.000 = ± .015	
Material Thickness: per ASTM Std.		
Weld Callouts per AWS		

RELEASE & REVISIONS
INITIAL ECN: 23752
CURRENT ECN:
ECN DESCRIPTION:
RELEASED
REVISED BY:

MATERIAL & FINISH
MECHANICAL FINISHING:
N/A
PRIMER: N/A
FINAL FINISH: NONE NONE
Paint Weight: N/A
MATERIAL TYPE: ASSM

PRINTED DOCUMENT IS UNCONTROLLED

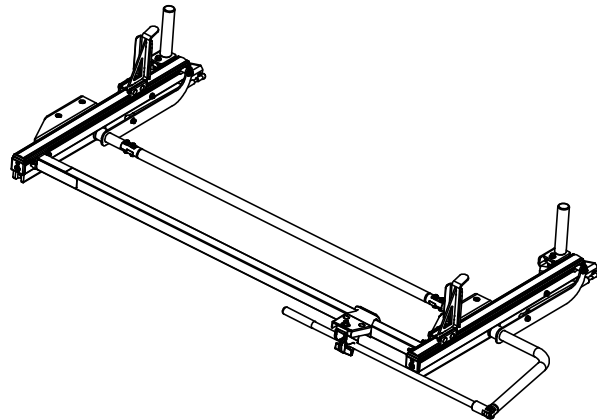
Sheet 1 of 1

PART / PRODUCT IDENTIFICATION				
	ADRIAN STEEL®		ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221	REVISION LEVEL
			A	
	MAT'L USED: ASSM	DESIGNED BY: B.SOUTHWARD		
	DESCRIPTION: PROLIFT DBL STD DR 74 TOP			
WEIGHT (Lbs.): 155.07	SEGMENT CODE: PLR	PART NUMBER: PLS63LT74		

**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

PROLIFT STANDARD DROP DRIVERS SIDE 5' LOW TOPPER LADDER RACKS

PRODUCT WEIGHT**61.0 LBS****WIDTH X DEPTH X HEIGHT****82.00" X 32.00" X4.00"****CAPACITY****SINGLE LADDER****COLOR****WHITE/BLACK****CATALOG NUMBER****PLSDDSLT5W, PLSDDSLT5B**

PRODUCT FEATURES

These Prolift Std Drop, low topper racks can be used on ADRIAN STEEL BIFF, LEER, UNICOVER and ARE truck toppers with bed lengths from 6'2" - 6'10" with appropriate rail kit, crossbow kit and mounting bracket kit. Use rail kits, crossbow kits, and mounting bracket kits listed in the table below to create new rack combinations. This rack features an attached handle.

Unicover Toppers will use roof rail kits ending in UC (Ex. 4'6" Unicvoer topper would use RRKTOP55UC)

Ignore the roof rail kit when ordering racks for ASC BIFF toppers as they ship with pre-installed rails.

The Standard-Drop ProLift™ has a single function that lowers the ladder to a single set height. Uses hook brackets to hold and secure ladders.

Commercial Part Numbers							
Vehicle Platform	Bed Length	Bed Length (in)	Roof Rail Kit	Crossbow kit	Mounting Bracket Kit	Pro-Lift (Passenger Side)	Pro-Lift (Drivers Side)
All	6'2" - 6'10"	74" - 82"	RRKTOP74/UC	2BARTOPW	URMBK4W	PLSDPSLT5	PLSDDSLT5

NOTE: CROSSBAR KIT IS DIFFERENT FOR COMBO WITH GRIPLOCK. IN THIS CASE, USE 2BAR53W/B

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



PROLIFT STANDARD DROP DRIVERS SIDE 5' LOW TOPPER LADDER RACKS

PLSDDSLT5W, PLSDDSLT5B**CATALOG NUMBER****PRODUCT APPLICATION**

TOPPER PROLIFT LADDER RACKS ARE FOR USE ON PICKUP TRUCK BED TOPPERS, AVAILABLE IN 4 FT, 5 FT, AND 6 FT LENGTHS FOR ALL DIFFERENT SIZE TRUCK BEDS.

Reduce back and shoulder injuries while loading/unloading ladders by eliminating the need to climb on bumpers and tires to reach the cargo on the roof of your vehicle.

The ProLift™ uses unique, patent-pending, mechanical advantages, and high-performing spring assist struts to raise and lower ladders with an almost effortless pull.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION (smart)
RRKTOP74	ROOF RAIL KIT,TOPPER,74"
RRKTOP74UC	ROOF RAIL KIT,TOPPER,74"UNICOVER
2BARTOPW / B	2BAR UTILITY RACK, TOP
2BAR53W / B	2BAR, CROSSBOW,53"
URMBK4W / B	UTILTY,MNT BKT KT,RAIL
PLSDPSLT5W/B	PROLIFT,STD,DS,LOW T,5
GL-CVPSW / B	GRIP-LOCK, COMP VAN PS

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.

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

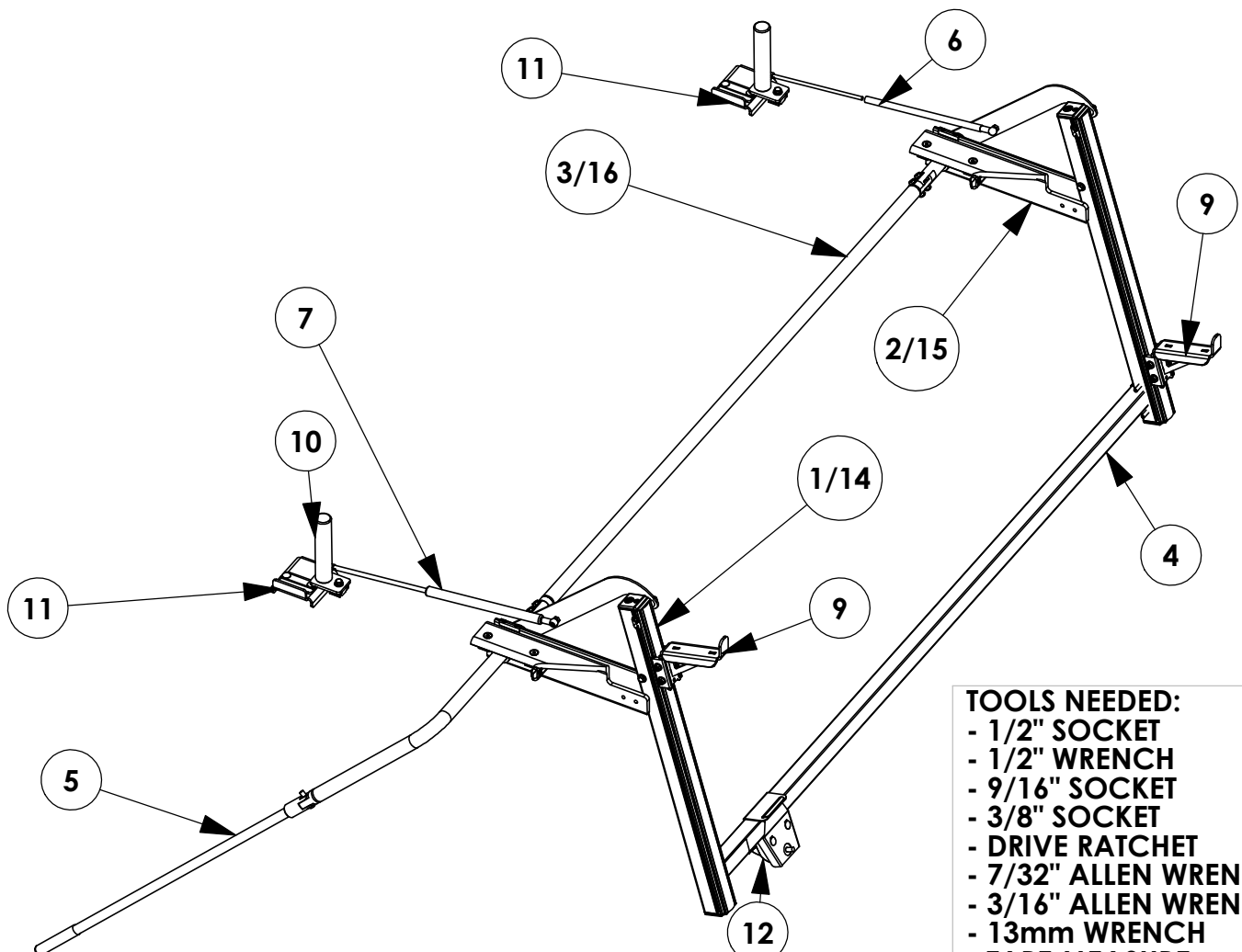
Step 4: With 1/2" Socket loosen nuts (X2) slide clamp so that it is snug against the ladder. Tighten nuts (X2)

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

INSTR. NUMBER : 70118	PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	PLSDPSLT	PLSDDSLT
			1/14	70104-W	PROLIFT,LST,DR ASM,PS,R,W	1	-
PART NUMBER : PLSDPSLT & PLSDDSLT			2/15	68031-W	DROP DOWN FRONT ARM ASSM PS, WHITE	1	-
			3/16	66572-B	DROP DOWN, CS CENTER DRIVELINE, BLK	1	-
PART • PROLIFT,STD,PS,LT DESC. • & PROLIFT,STD,DS,LT			4	72698-W	PL, 6' DS, OS BAR W/ LATCH CLAMP, WHITE	1	1
			5	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1	1
			6	48265	DAMPER ASSEMBLY	1	1
			7	58239	COMPRESSION DAMPER	1	1
			8	65963-W	STOP CLAMP, WHITE	4	4
			9	68037-B	CLAMP PAD, 6.5", BLACK	2	2
			10	68186-W	PROLIFT INNER POST, WHITE	2	2
			11	68628-W	PROLIFT HR DAMPER MOUNT, WHITE	2	2
			12	25340-0	HANDLE LATCH-STD	1	1
			13	70105-W	PROLIFT,LST,DR ASM,DS,R,W	-	1
			14	60813-W	DROP DOWN FRONT ARM ASSM DS, WHITE	-	1
			15	66563-B	DROP DOWN, SS CENTER DRIVELINE, BLK	-	1

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



TOOLS NEEDED:
- 1/2" SOCKET
- 1/2" WRENCH
- 9/16" SOCKET
- 3/8" SOCKET
- DRIVE RATCHET
- 7/32" ALLEN WRENCH
- 3/16" ALLEN WRENCH
- 13mm WRENCH
- TAPE MEASURE
- RUBBER Mallet
- IMPACT DRIVER

****IF BUILDING A DUAL SIDED RACK BUILD BOTH SIDES IN PARALLEL
FOR EACH STEP. IF BUILDING SINGLE SIDED REFERENCE ONLY THAT SIDE
WHEN BUILDING.****

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.

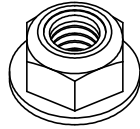
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

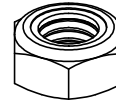
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED

BAG REFERENCE: BAG68181 & BAG72513



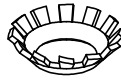
FAS0861
NUT,HEX NLK FLG 5/16-18
QTY: 18



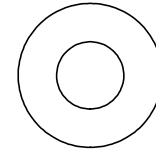
FAS0399
NUT,HEX NLK LT 3/8-16
QTY: 02



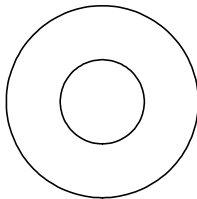
FAS0588
WASHER,LCK SPLIT 5/16
QTY: 02



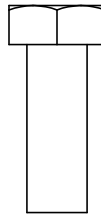
FAS0857
WASHER,LCK EXT CS 5/16
QTY: 04



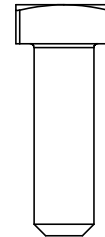
FAS0552
WASHER,FLAT USS 5/16
QTY: 06



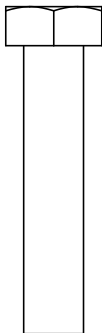
FAS0720
WASHER,FLAT USS 3/8
QTY: 01



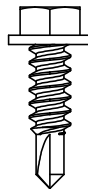
FAS0283
SCREW,HH 5/16-18X.875
QTY: 02



FAS0035
BOLT,SQ HD 5/16-18X1.0
QTY: 04



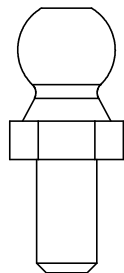
FAS0242
SCREW,HH 5/16-18X1.5
QTY: 04



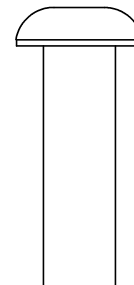
FAS0473
SCREW,HH TEK #12X.75
QTY: 04



FAS0856
SCREW,FHH 5/16-18X1.13
QTY: 04



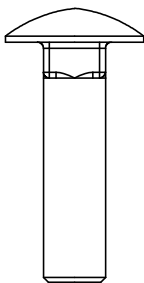
34927-0
BALL STUD 13MM X 5/16-18
QTY: 02



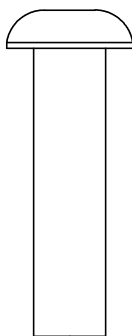
FAS0820
SCREW,BHCS 3/8-16X1.00
QTY: 01

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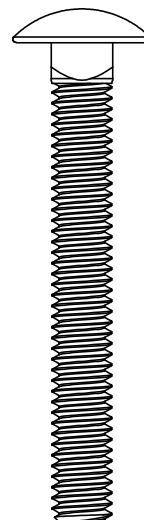
FASTENERS AND HARDWARE USED



FAS0812
BOLT,CRG 5/16-18X1.25
QTY: 04



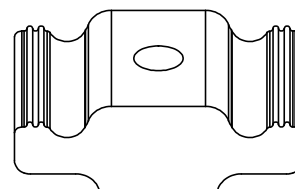
FAS0819
SCREW,BHCS 3/8-16X1.5
QTY: 01



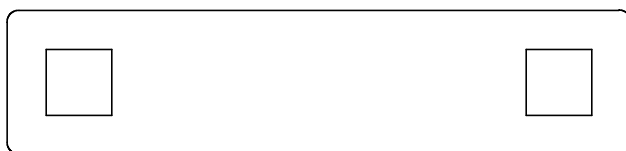
FAS0838
BOLT,CRG 5/16-18X2.5
QTY: 04



64831
REAR ROLLER, SPACER
QTY: 02



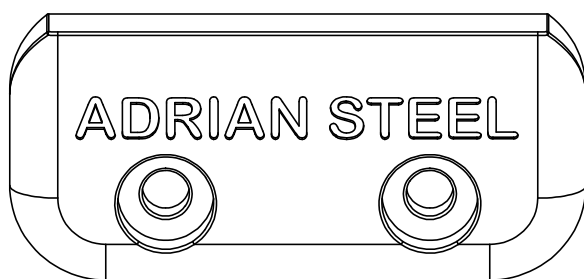
63490
RAIL SLIDE, 1"
QTY: 06



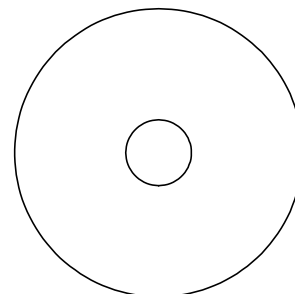
64830
REAR ROLLER, BOLT PLATE
QTY: 02



34928-0
CLIP, SPRING, RETAINER, 13MM
QTY: 04



65961
DROP DOWN END CAP
QTY: 02



DISCARD FAS0603
SCREW,HH 5/16-18X.875
QTY: 02

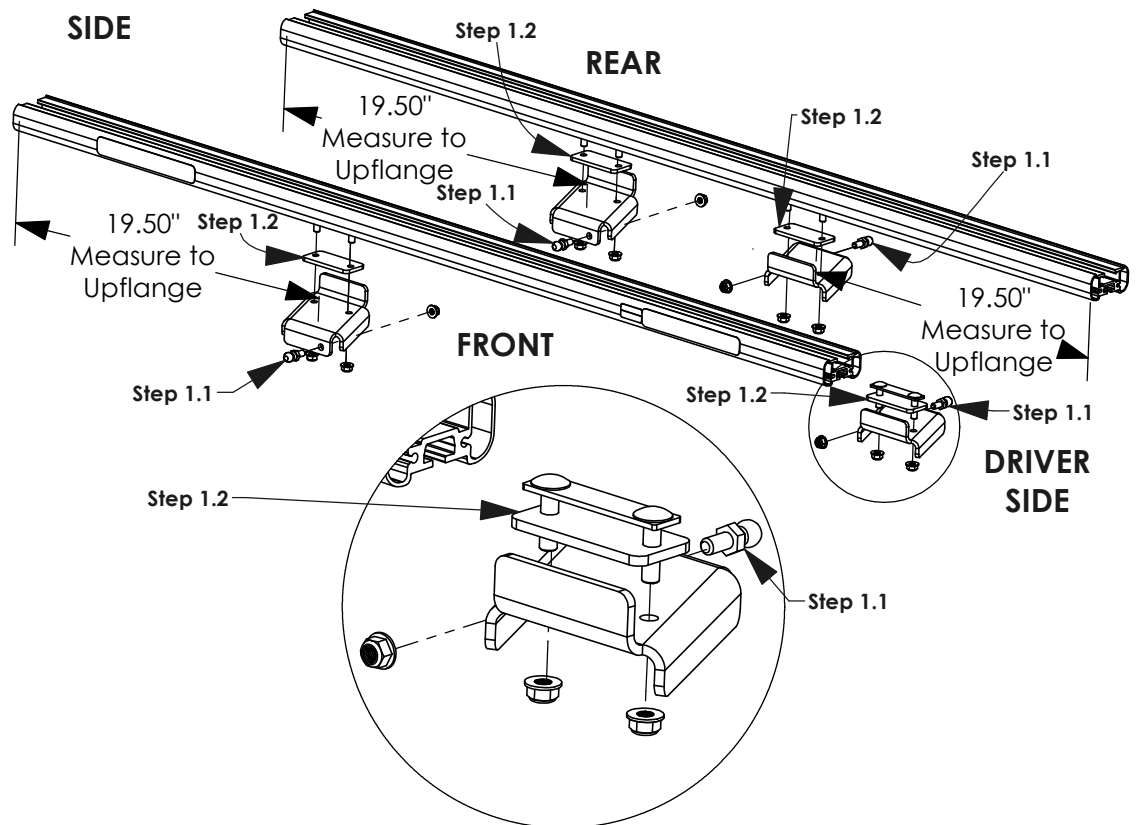
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STEP 1 - MOUNT DAMPER BRACKETS**A.2**

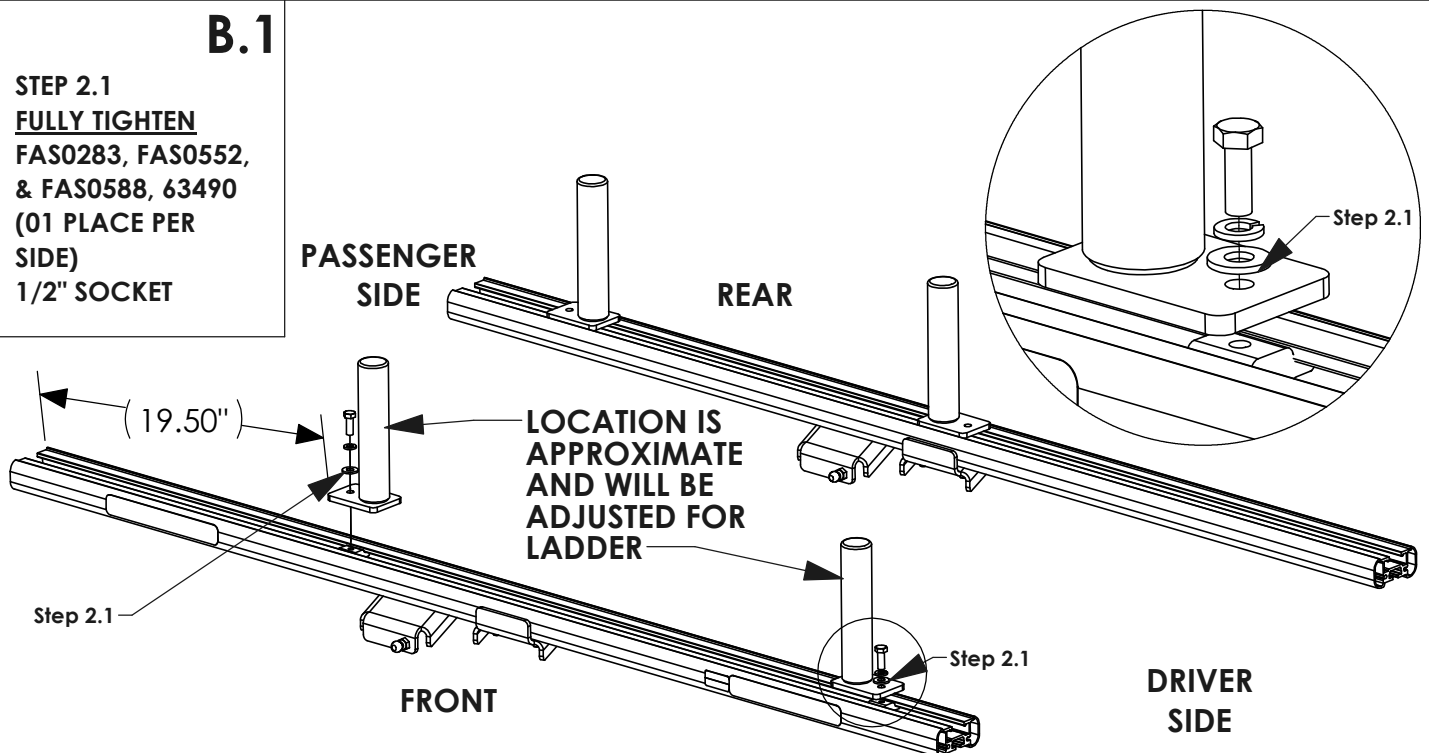
Step 1.1
FULLY TIGHTEN
34927-0 & FAS0861
(02 PLACES PER
SIDE)
13mm WRENCH
1/2" SOCKET

STEP 1.2
FULLY TIGHTEN
(02) FAS0812,
68628, 64831, &
(02) FAS0861
(02 PLACES PER
SIDE)
1/2" SOCKET

PASSENGER
SIDE

**STEP 2 - MOUNT INNER STOPS TO FRONT CROSSBOW****B.1**

STEP 2.1
FULLY TIGHTEN
FAS0283, FAS0552,
& FAS0588, 63490
(01 PLACE PER
SIDE)
1/2" SOCKET



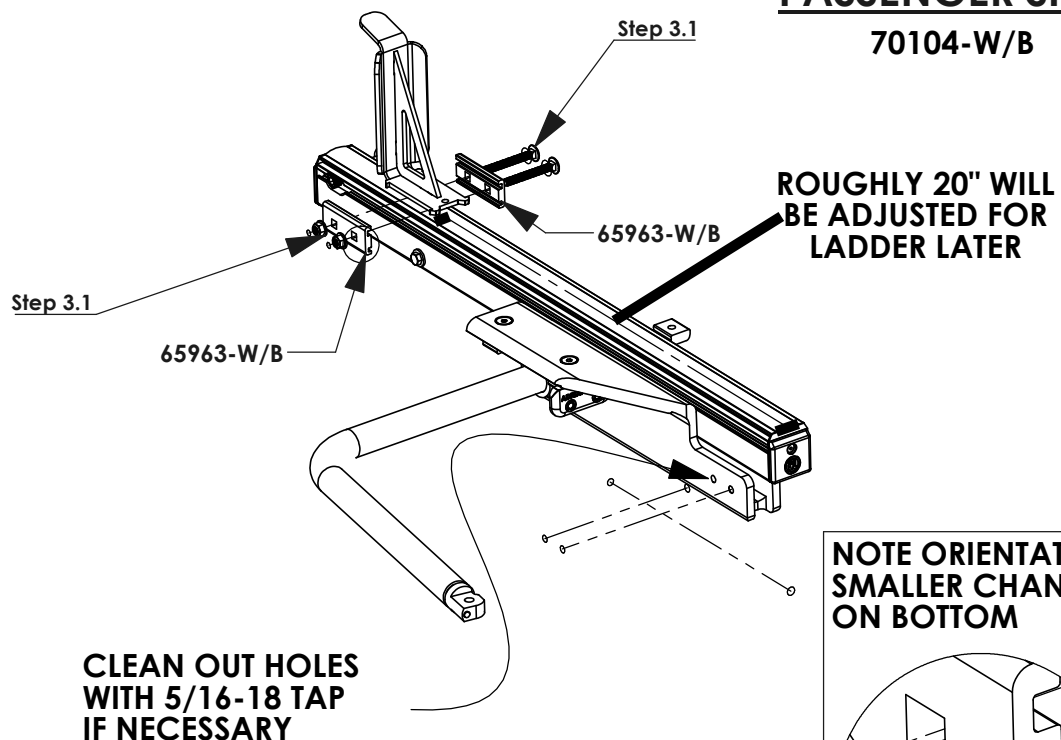
STEP 3 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES

REAR SUB-ASSEMBLY

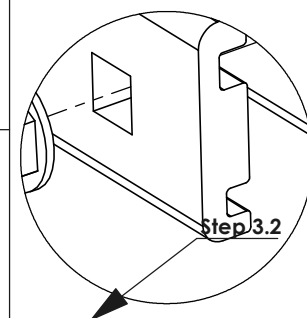
PASSENGER SIDE

70104-W/B

STEP 3.1
FULLY TIGHTEN
FAS0838 &
FAS0861
(02 PLACES)
1/2" SOCKET



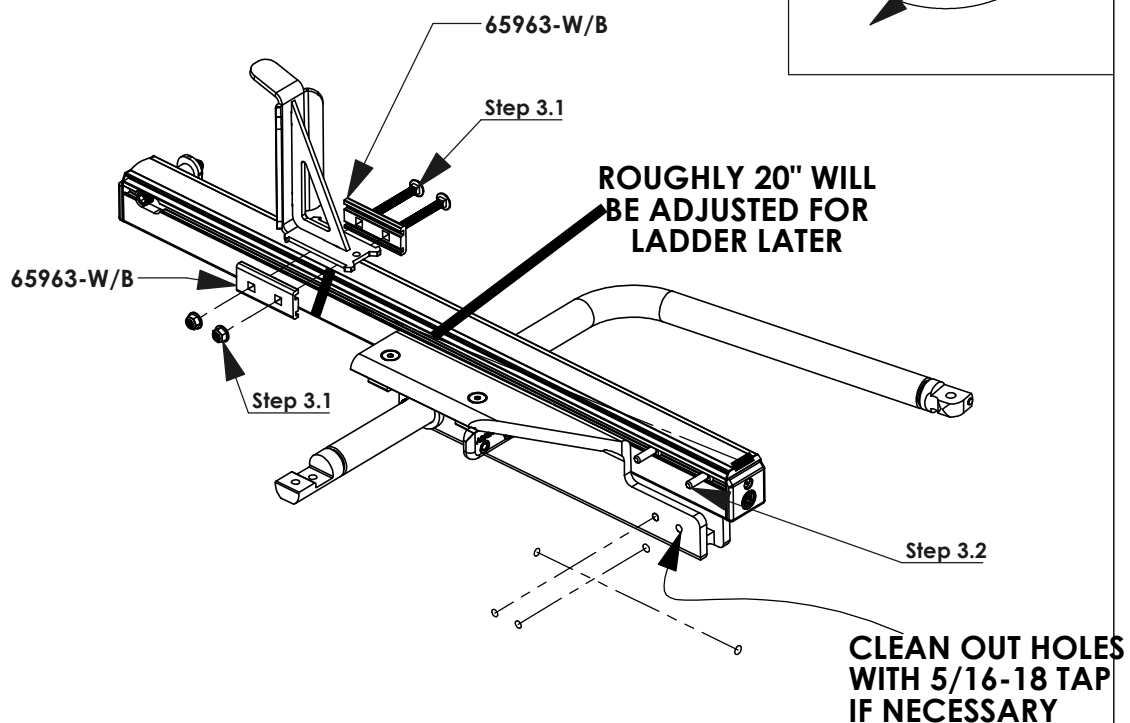
NOTE ORIENTATION:
SMALLER CHANNEL
ON BOTTOM



DRIVER SIDE

70105-W/B

STEP 3.2
FAS0035
SLIDE INTO SLOT
(02 PLACES)

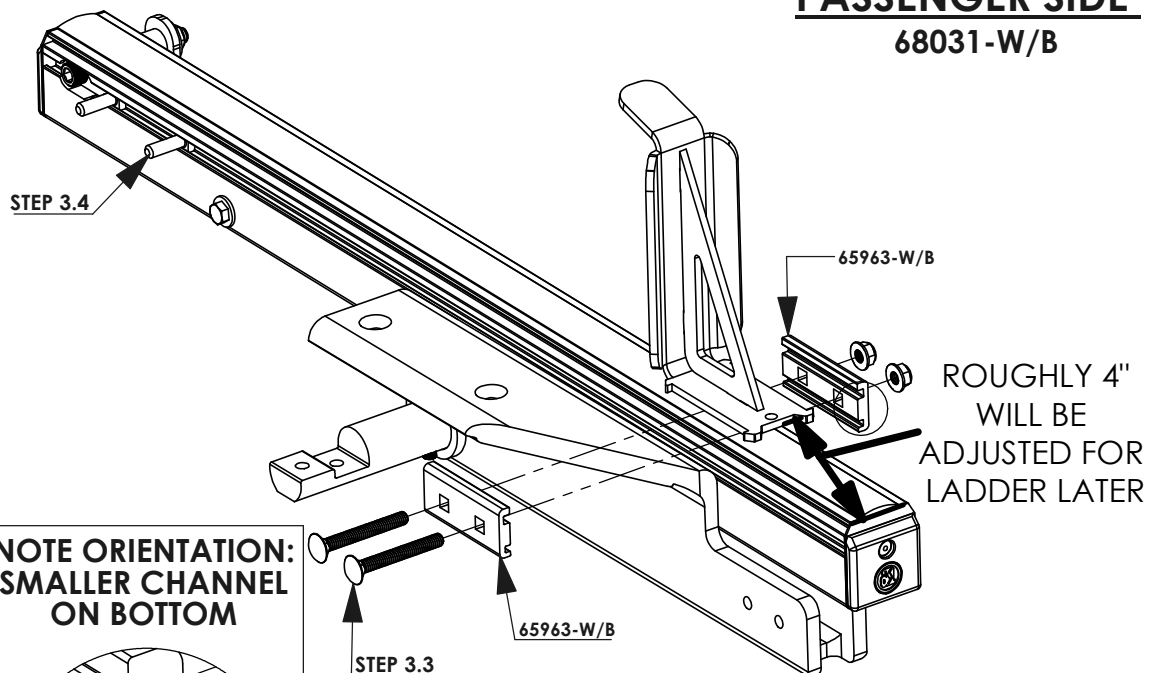


Step 3.2

FRONT SUB-ASSEMBLY**PASSENGER SIDE**

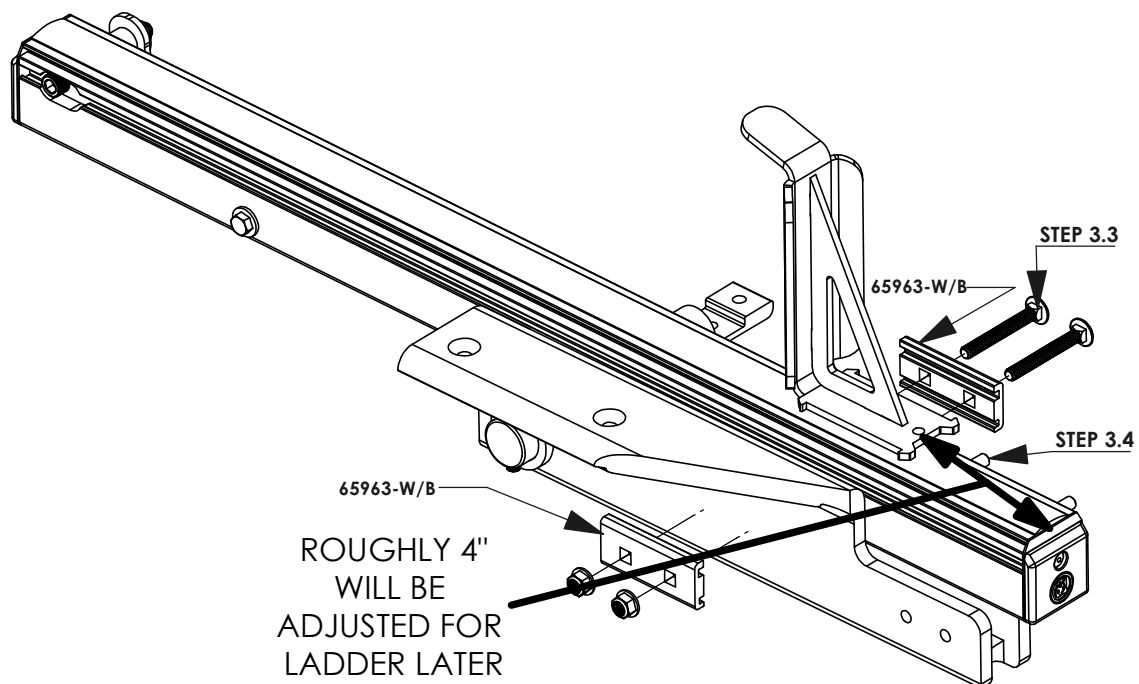
68031-W/B

STEP 3.3
FULLY TIGHTEN
FAS0838 &
FAS0861
(02 PLACES)
1/2" SOCKET

**DRIVER SIDE**

68013-W/B

STEP 3.4
FAS0035
SLIDE INTO SLOT
(02 PLACES)





REFERENCE INSTALLATION GUIDE 68895 TABLES 1-3 INSTALLATION OF A.1, A.2, B.1, & B.2 SHOULD BE COMPLETE BEFORE PROCEEDING TO STEP 4

STEP 4 - INSTALL CARTRIDGES ON CROSSBOWS

STEP 4.1

SLIDE 63490 INTO
END OF
CROSSBOWS

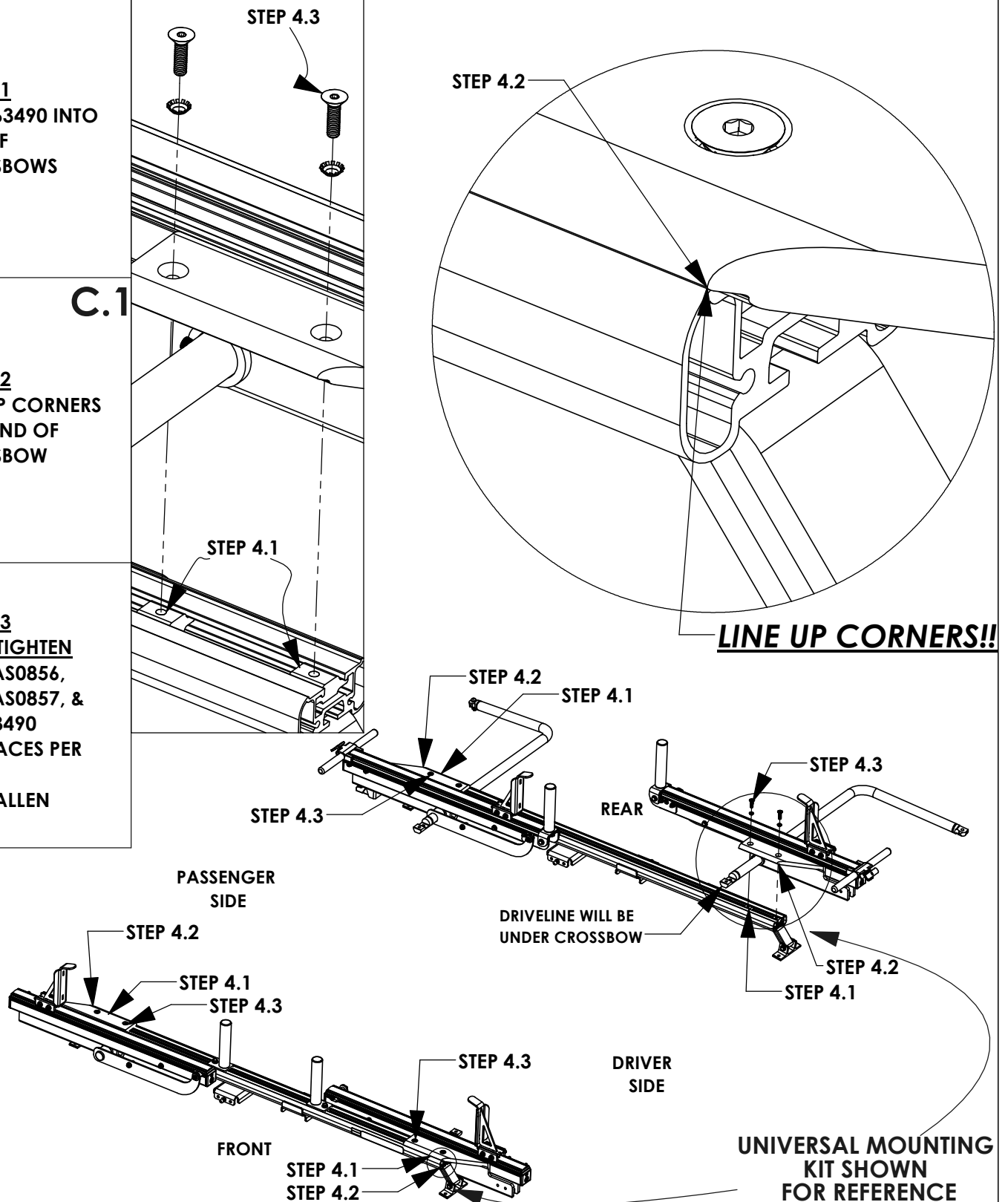
C.1

STEP 4.2

LINE UP CORNERS
WITH END OF
CROSSBOW

STEP 4.3

FULLY TIGHTEN
(02) FAS0856,
(02) FAS0857, &
(02) 63490
(02 PLACES PER
SIDE)
3/16" ALLEN



STEP 5 - INSTALL DRIVELINE**STEP 5.1****FULLY TIGHTEN**

FAS0242, FAS0552

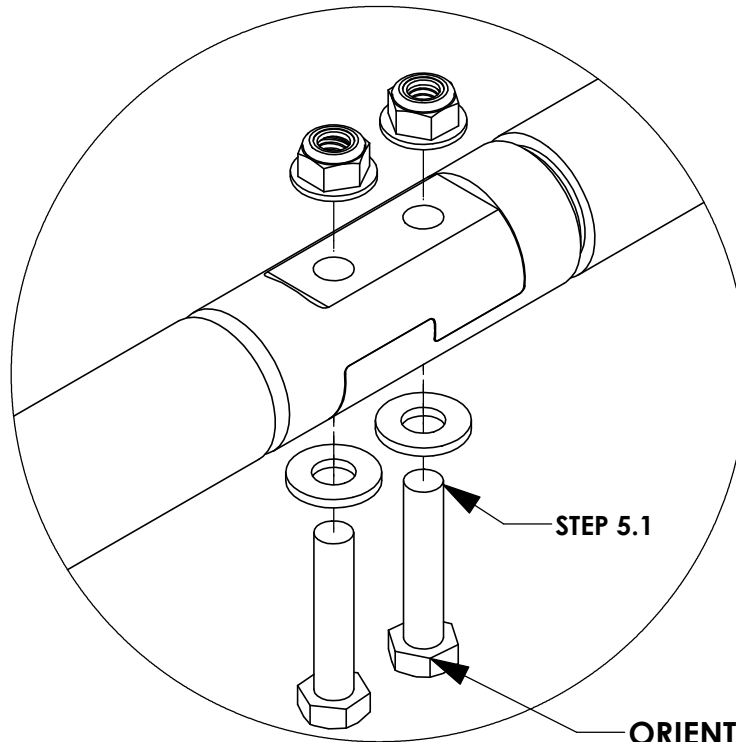
& FAS0861

(04 PLACES PER
SIDE)

1/2" WRENCH

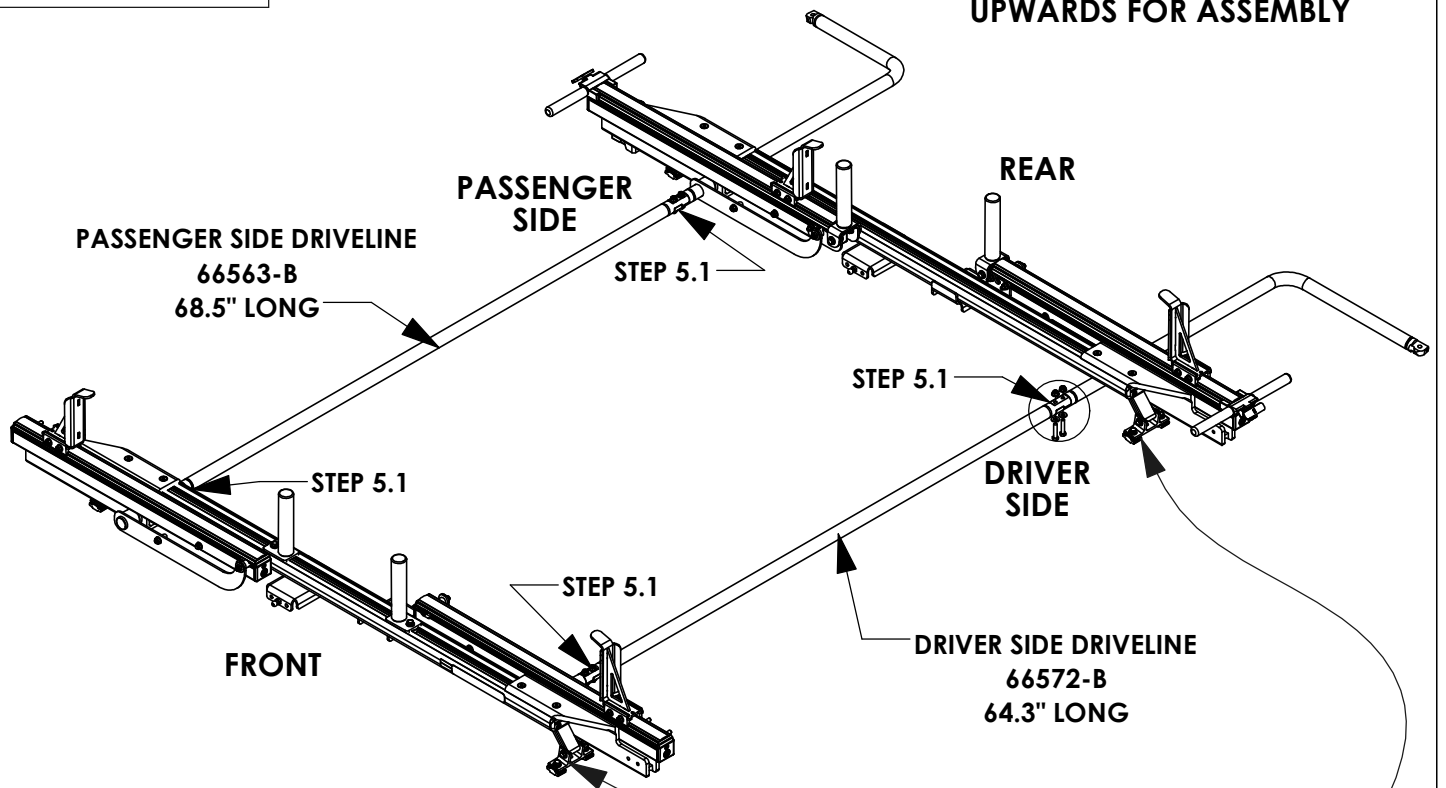
1/2" SOCKET

BEST PRACTICE:
WHEN INSTALLING
BOLTS OPEN RACK
ROUGHLY 45
DEGREES FOR
EASIER ACCESS &
INSTALLATION



STEP 5.1

ORIENTATION OF BOLTS IS
UPWARDS FOR ASSEMBLY



PASSENGER SIDE DRIVELINE
66563-B
68.5" LONG

PASSENGER
SIDE

STEP 5.1

REAR

STEP 5.1

DRIVER
SIDE

DRIVER SIDE DRIVELINE
66572-B
64.3" LONG

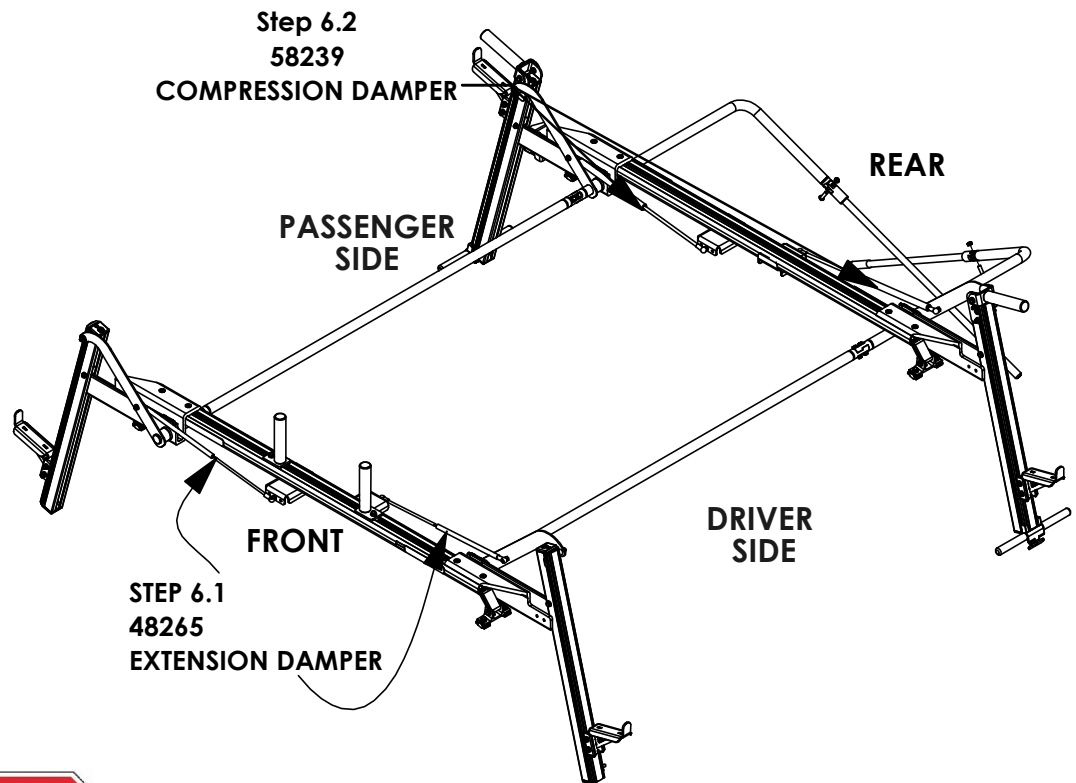
UNIVERSAL MOUNTING
KIT SHOWN
FOR REFERENCE

STEP 6 - DEPLOY RACK & INSTALL DAMPERS AND DROP DOWN HANDLE

Step 6.1
ATTACH EXTENSION
DAMPERS (48625) TO
BALL STUDS.
ORIENTATION OF
DAMPER MATTERS!!!
(01 PLACE PER SIDE)

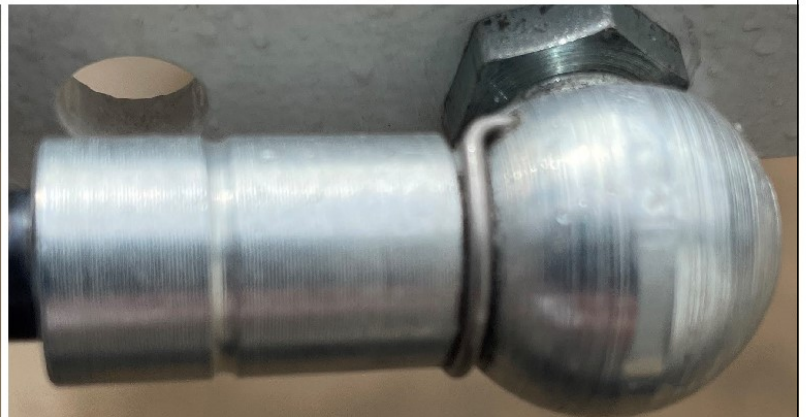
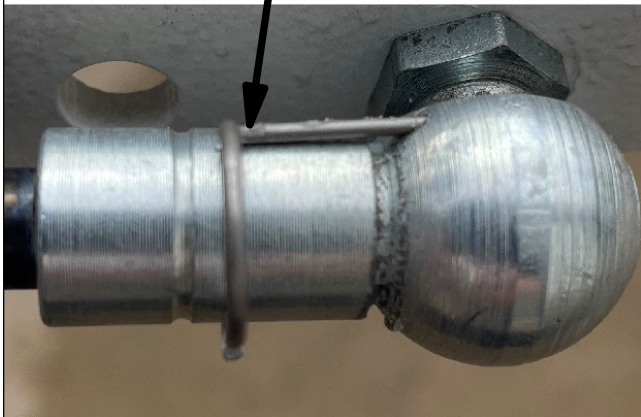
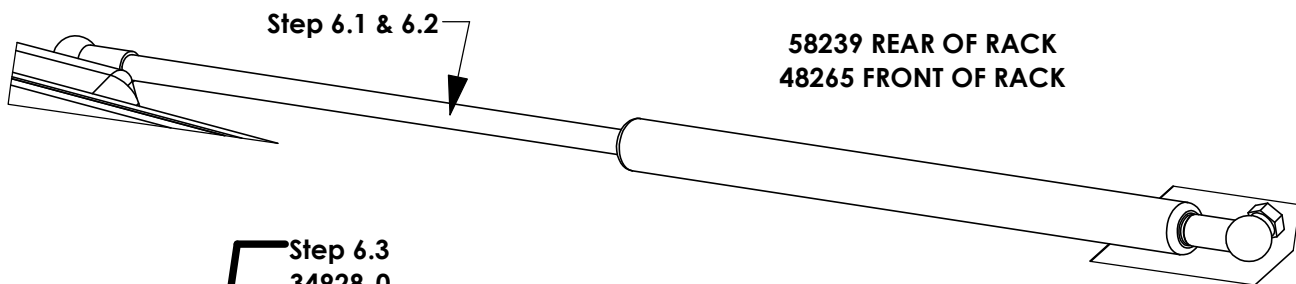
Step 6.2
ATTACH
COMPRESSION
DAMPERS (58239) TO
BALL STUDS.
ORIENTATION OF
DAMPER MATTERS!!!
(01 PLACE PER SIDE)

Step 6.3
INSERT LOCKING
PINS (34928-0)
AFTER MOUNTING
DAMPERS TO BALL
STUDS
(04 PLACES PER SIDE)



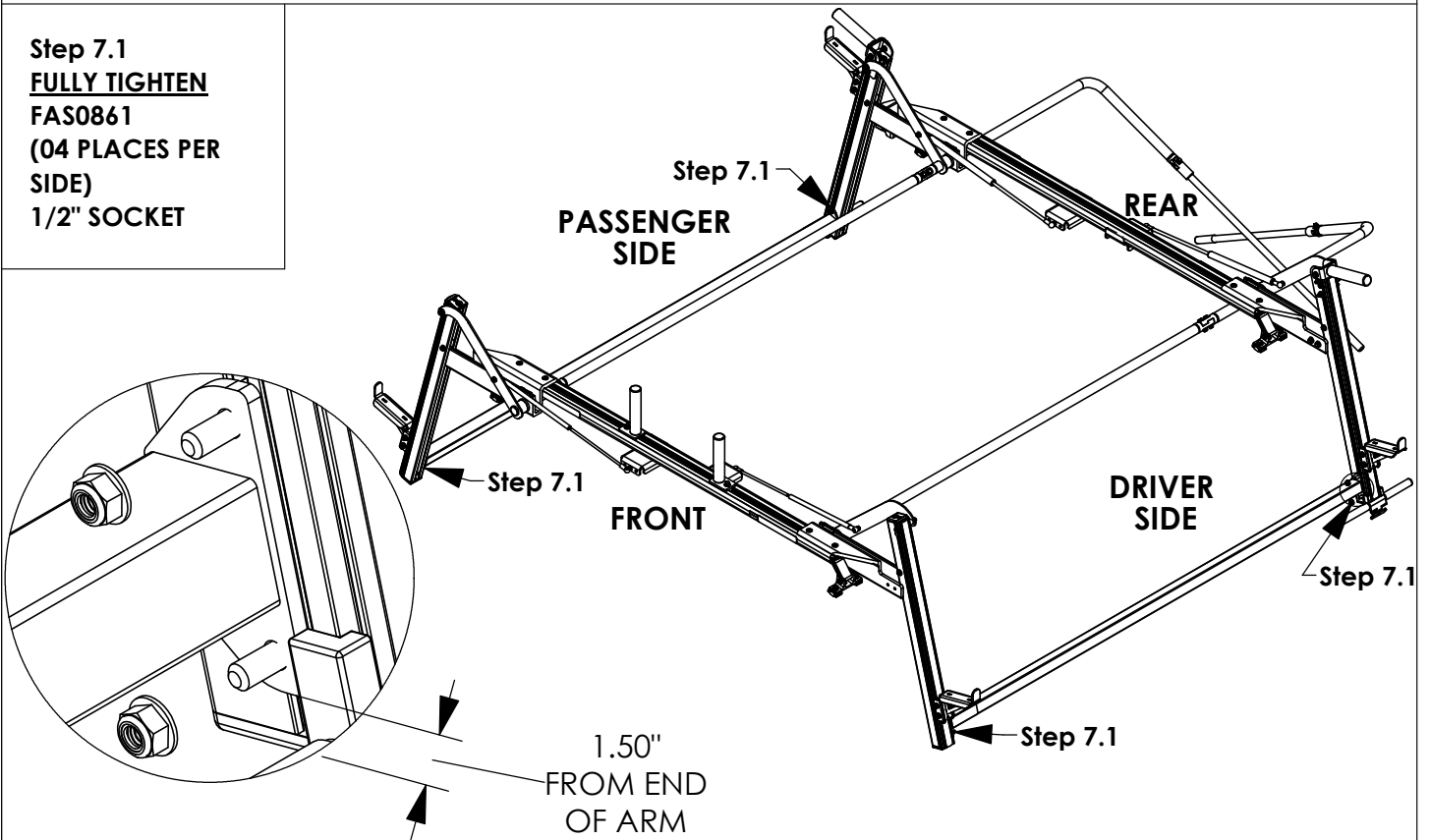
ORIENTATION OF DAMPER MATTERS!!!!

LARGE CYLINDER OF DAMPER ATTACHES TO ARM
SMALL ROD END ATTACHES TO DAMPER BRACKET

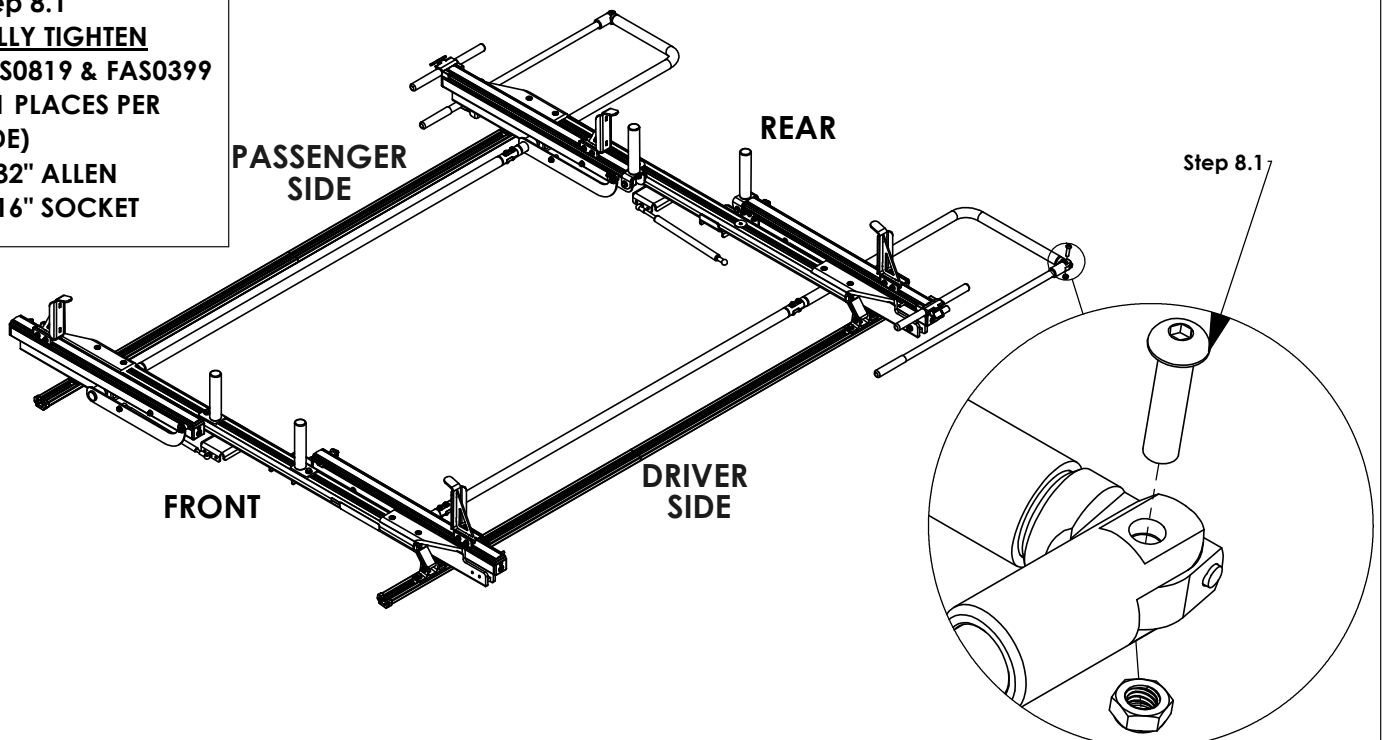


STEP 7 - WHILE RACK DEPLOYED INSTALL O.S. BAR

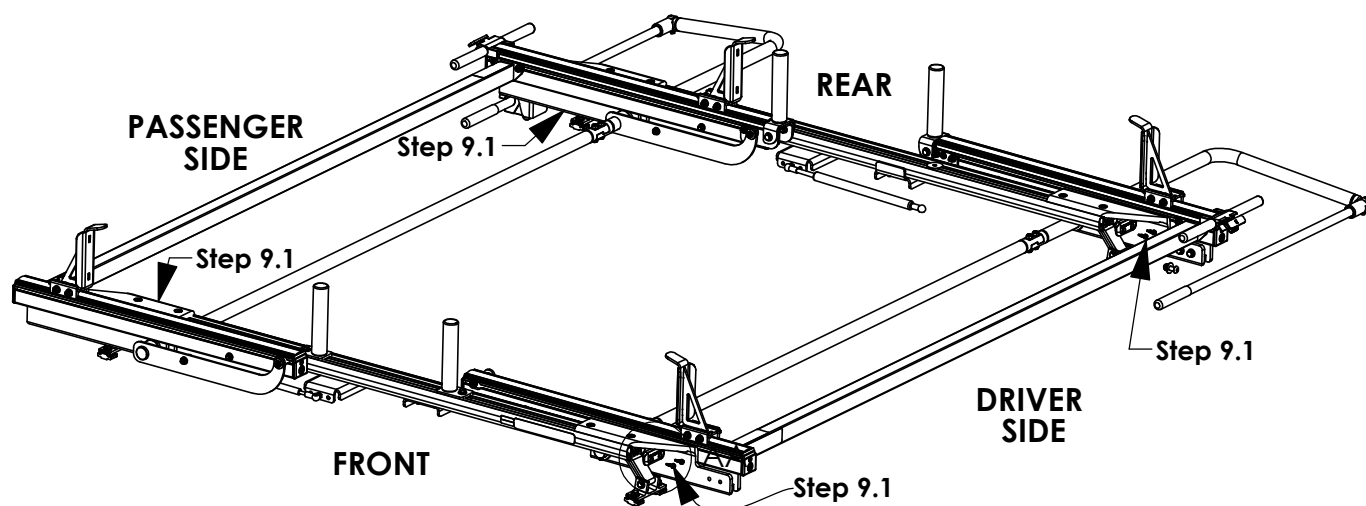
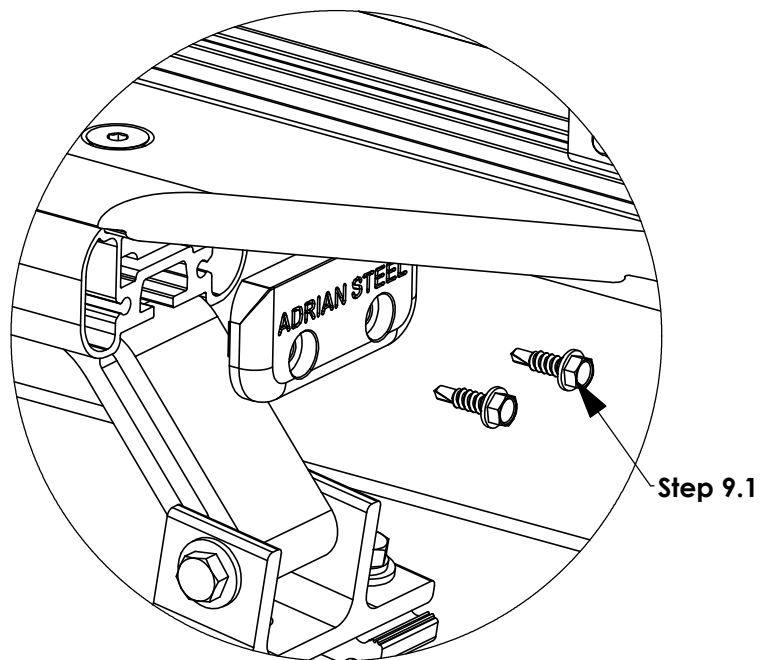
Step 7.1
FULLY TIGHTEN
FAS0861
(04 PLACES PER
SIDE)
1/2" SOCKET

**STEP 8 - INSTALL DROP DOWN HANDLE**

Step 8.1
FULLY TIGHTEN
FAS0819 & FAS0399
(01 PLACES PER
SIDE)
7/32" ALLEN
9/16" SOCKET

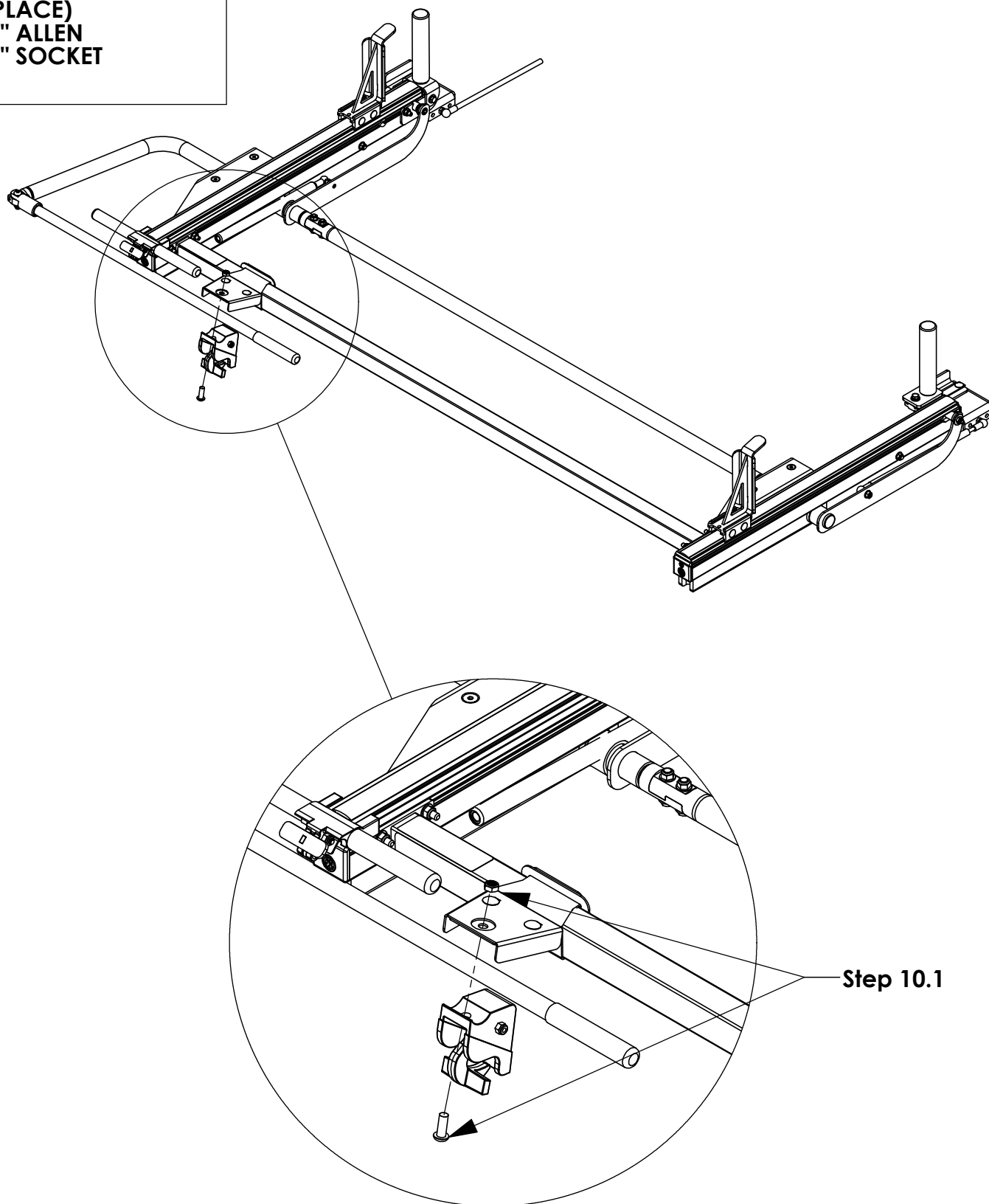


MAKE SURE ALL FASTENERS ARE TIGHTENED!!! INSTALLATION IS COMPLETE

STEP 9 - INSTALL CROSSBOW END CAPS**Step 9.1****FULLY TIGHTEN****(02) FAS0473, 65961****(02 PLACES PER SIDE)****3/8" SOCKET****MAKE SURE ALL FASTENERS ARE TIGHTENED!!! INSTALLATION IS COMPLETE**

STEP 10 - INSTALL HANDLE LATCH

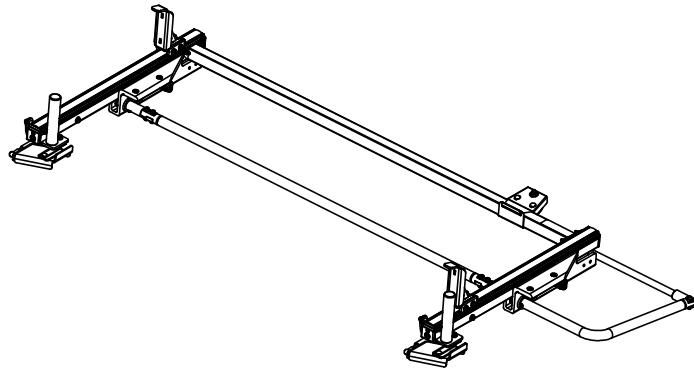
STEP 10.1
FULLY TIGHTEN
FAS0819, FAS0399,
(01 PLACE)
7/32" ALLEN
9/16" SOCKET



**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

PROLIFT STANDARD DROP PASSENGER SIDE 5' LOW TOPPER LADDER RACKS

PRODUCT WEIGHT**61.0 LBS****WIDTH X DEPTH X HEIGHT****82.00" X 32.00" X4.00"****CAPACITY****SINGLE LADDER****COLOR****WHITE/BLACK****CATALOG NUMBER****PLSDPSLT5W, PLSDPSLT5B**

PRODUCT FEATURES

These Prolift Std Drop, low topper racks can be used on ADRIAN STEEL BIFF, LEER, UNICOVER and ARE truck toppers with bed lengths from 6'2" - 6'10" with appropriate rail kit, crossbow kit and mounting bracket kit. Use rail kits, crossbow kits, and mounting bracket kits listed in the table below to create new rack combinations. This rack features an attached handle.

Unicover Toppers will use roof rail kits ending in UC (Ex. 4'6" Unicvoer topper would use RRKTOP55UC)

Ignore the roof rail kit when ordering racks for ASC BIFF toppers as they ship with pre-installed rails.

The Standard-Drop ProLift™ has a single function that lowers the ladder to a single set height. Uses hook brackets to hold and secure ladders.

Commercial Part Numbers							
Vehicle Platform	Bed Length	Bed Length (in)	Roof Rail Kit	Crossbow kit	Mounting Bracket Kit	Pro-Lift (Passenger Side)	Pro-Lift (Drivers Side)
All	6'2" - 6'10"	74" - 82"	RRKTOP74/UC	2BARTOPW	URMBK4W	PLSDPSLT5	PLSDDSLT5

NOTE: CROSSBAR KIT IS DIFFERENT FOR COMBO WITH GRIPLOCK. IN THIS CASE, USE 2BAR53W/B

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



PROLIFT STANDARD DROP PASSENGER SIDE 5' LOW TOPPER LADDER RACKS

CATALOG NUMBER**PLSDPSLT5W, PLSDPSLT5B****PRODUCT APPLICATION**

TOPPER PROLIFT LADDER RACKS ARE FOR USE ON PICKUP TRUCK BED TOPPERS, AVAILABLE IN 4 FT, 5 FT, AND 6 FT LENGTHS FOR ALL DIFFERENT SIZE TRUCK BEDS.

Reduce back and shoulder injuries while loading/unloading ladders by eliminating the need to climb on bumpers and tires to reach the cargo on the roof of your vehicle.

The ProLift™ uses unique, patent-pending, mechanical advantages, and high-performing spring assist struts to raise and lower ladders with an almost effortless pull.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION (smart)
RRKTOP74	ROOF RAIL KIT,TOPPER,74"
RRKTOP74UC	ROOF RAIL KIT,TOPPER,74" UNICOVER
2BARTOPW / B	2BAR UTILITY RACK, TOP
2BAR53W / B	2BAR, CROSSBOW,53"
MAVRMBK4W / B	MAV RAIL MNT BKT KT,4
URMBK4W / B	UTILTY,MNT BKT KT,RAIL
GL-CVPSW / B	GRIP-LOCK, COMP VAN PS
PLSDDSLT5W/B	PROLIFT, STD DROP, DS, LOW TOP



Mounting Roof Rail Kit, 74", Multiple Pickups



PRODUCT WEIGHT

11.87 LBS

HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY

500 LBS

COLOR

RAW

CATALOG NUMBER

RRKTOP74

PRODUCT FEATURES

Aluminum roof rail mounting kit for the PROFILE™ HD Utility, Grip-Lock, ProLift (coming soon), and combo ladder racks for pickup trucks with toppers. Must be mounted to the topper's welded in reinforcement plates. Works for truck beds that are between 74 inches and 81 inches in length!

Rail kit validated on ARE toppers ONLY! LEER toppers are in process of validation. All other topper brands have not been validated.

For cab high or +3" toppers. Toppers taller than this may not allow for rack to span entire intended width.

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



CATALOG NUMBER **RRKTOP74**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
White Kit Part Numbers		Black Kit Part Numbers	
Crossbow Kits			
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
Grip-Lock Kits			
GL-CVPS	Passenger Side Grip-Lock Kit, White, Minivans	GL-CVPSB	Passenger Side Grip-Lock Kit, Black, Minivans
GL-CVDS	Driver Side Grip-Lock Kit, White, Minivans	GL-CVDSB	Driver Side Grip-Lock Kit, Black, Minivans

Continued on Page 3



CATALOG NUMBER

RRKTOP74

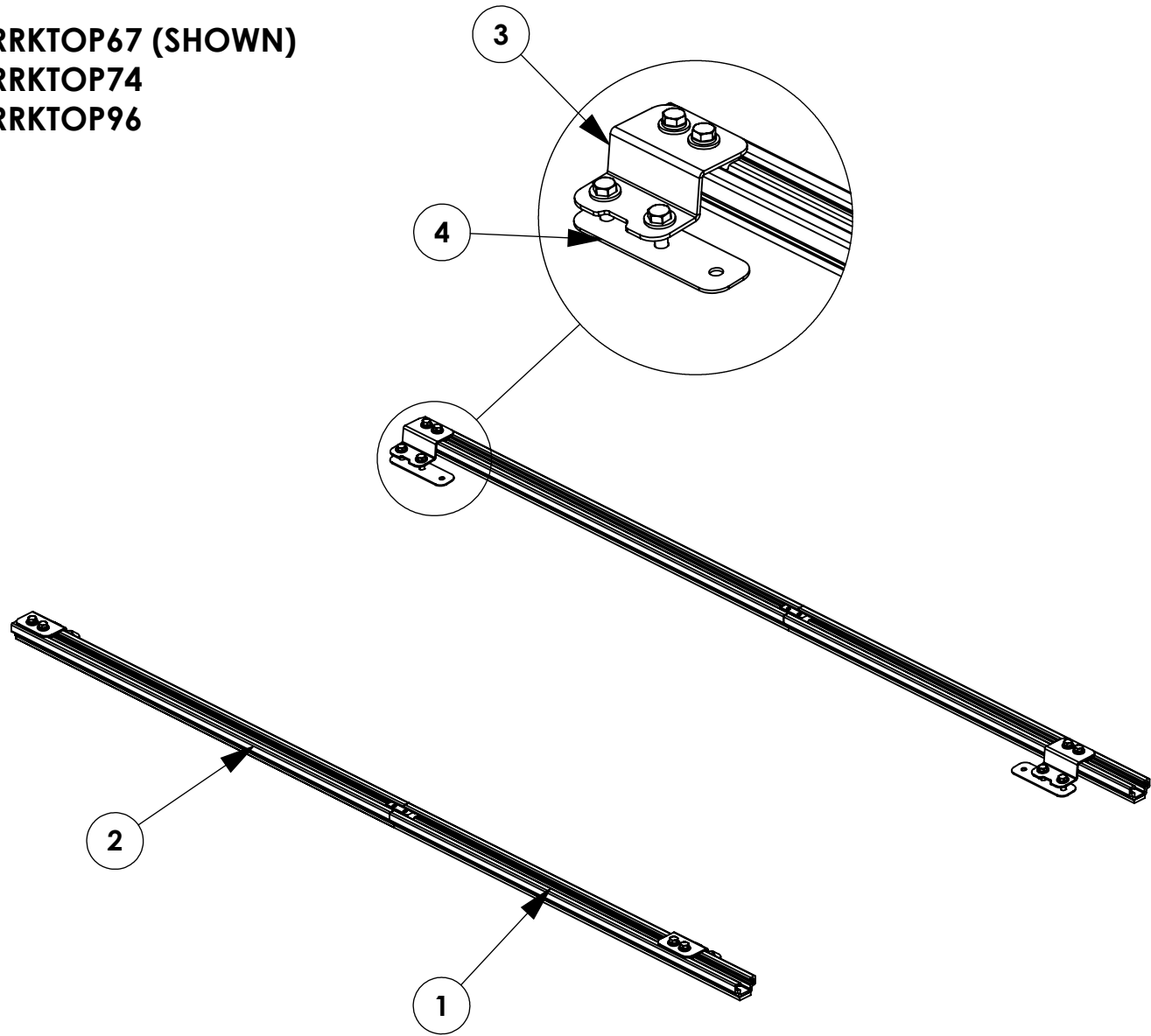
LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

CONFIGURATION	RACK HEIGHT
Base Rack	6.6"
Base + Ladder Stop	12.1"
Base + 4" Uprights	10.1"
Base + 6" Uprights	12.1"
Base + 9"/Ratchet Uprights	15.1"
Base + Grip-Lock	13.3"

INSTR. : 69250		PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	RRKTOP67	RRKTOP74	RRKTOP96
RRKTOP67 PART : RRKTOP74 NUMBER : RRKTOP96				1	BLK69242	RAIL, 32.00	2	-	-
				2	BLK66194	RAIL, 35.00	2	2	-
				3	69241	TOPPER RAIL BRACKET	4	4	4
PART : ROOF RAIL KIT,TOPPER,67" DESC. : ROOF RAIL KIT,TOPPER,74" : ROOF RAIL KIT,TOPPER,96"				4	66056	UTILITY, TOP SUPPORT PLATE	4	4	4
				5	BLK66067	RAIL, 39.00	-	2	-
				6	63373	ROOF RAIL PM 118, 159, 159EXT	-	-	4

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

- RRKTOP67 (SHOWN)
- RRKTOP74
- RRKTOP96



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

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

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

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

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

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

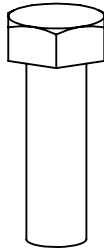
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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

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

FASTENERS USED

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



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



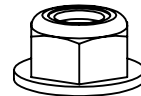
FAS0830
5/16-18X1.25 SS
SCREW, HH
QTY: 8



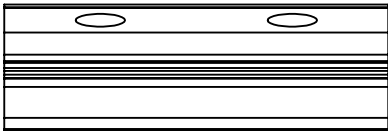
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



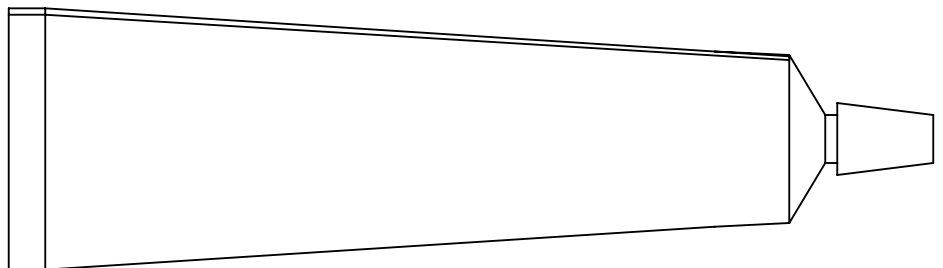
FAS0552
5/16 SS
FLAT WASHER
QTY: 16



FAS0861
5/16-18 SS
HH FLG NUT
QTY: 8

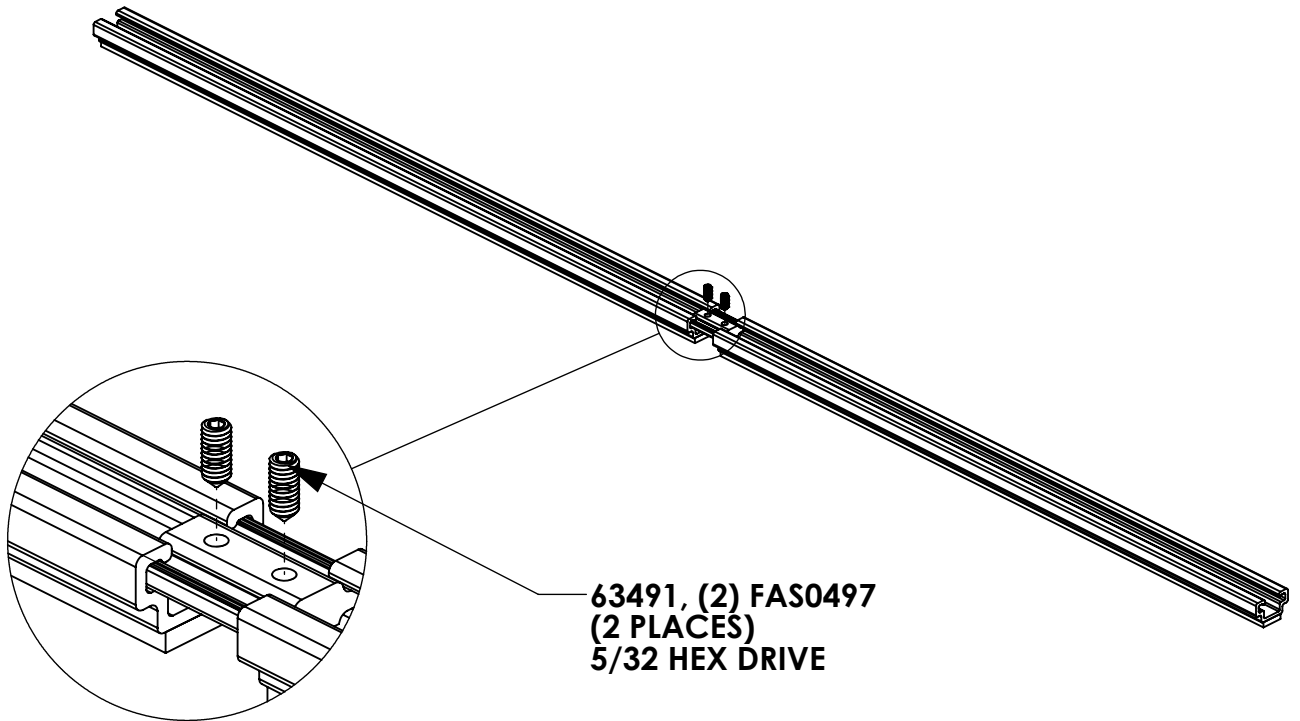


63491
RAIL SLIDE
2"
QTY: 6



26618-0
SILICONE
1 OZ TUBE
QTY: 1

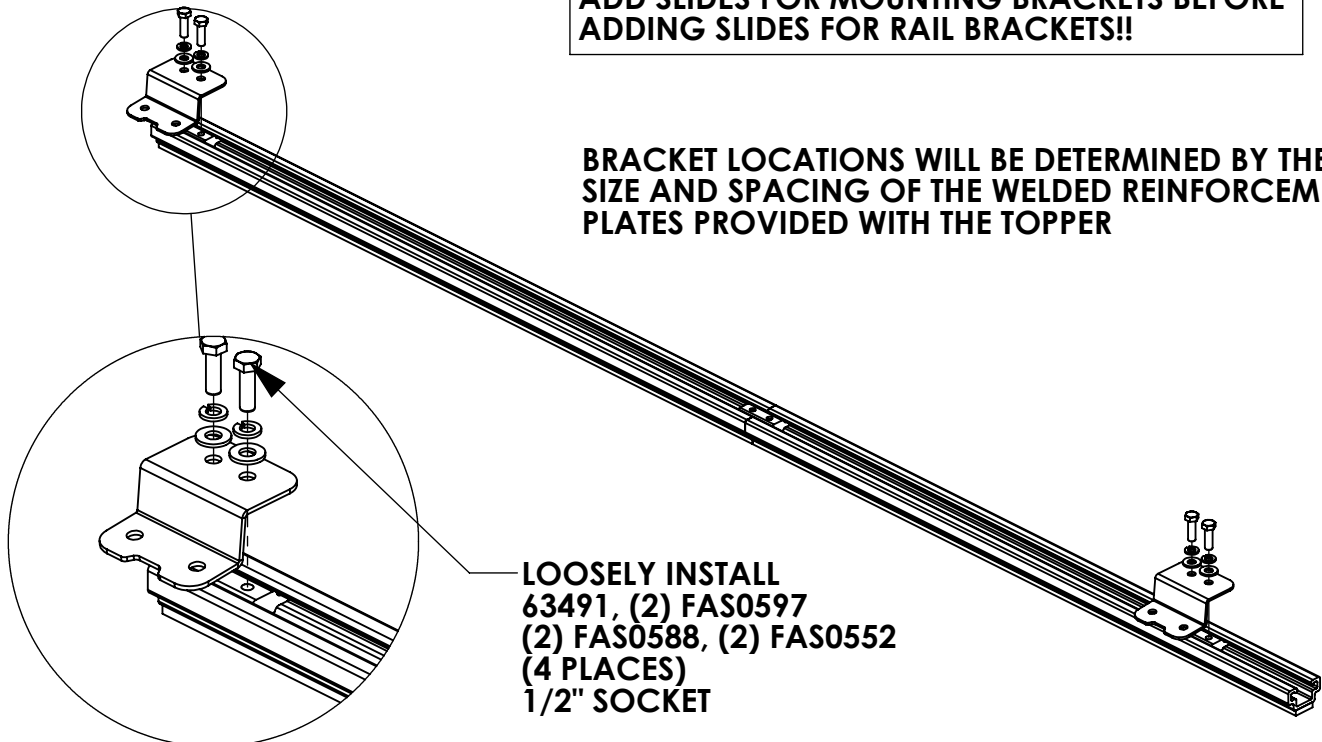
STEP 1 - CONNECT ROOF RAILS



STEP 2 - ASSEMBLE BRACKETS TO ROOF RAILS

**ADD SLIDES FOR MOUNTING BRACKETS BEFORE
ADDING SLIDES FOR RAIL BRACKETS!!**

**BRACKET LOCATIONS WILL BE DETERMINED BY THE
SIZE AND SPACING OF THE WELDED REINFORCEMENT
PLATES PROVIDED WITH THE TOPPER**



STEP 3 - MARK AND DRILL HOLES TO MOUNT RAILS**NOTE: INSIDE OF TOPPER SHOWN HERE**

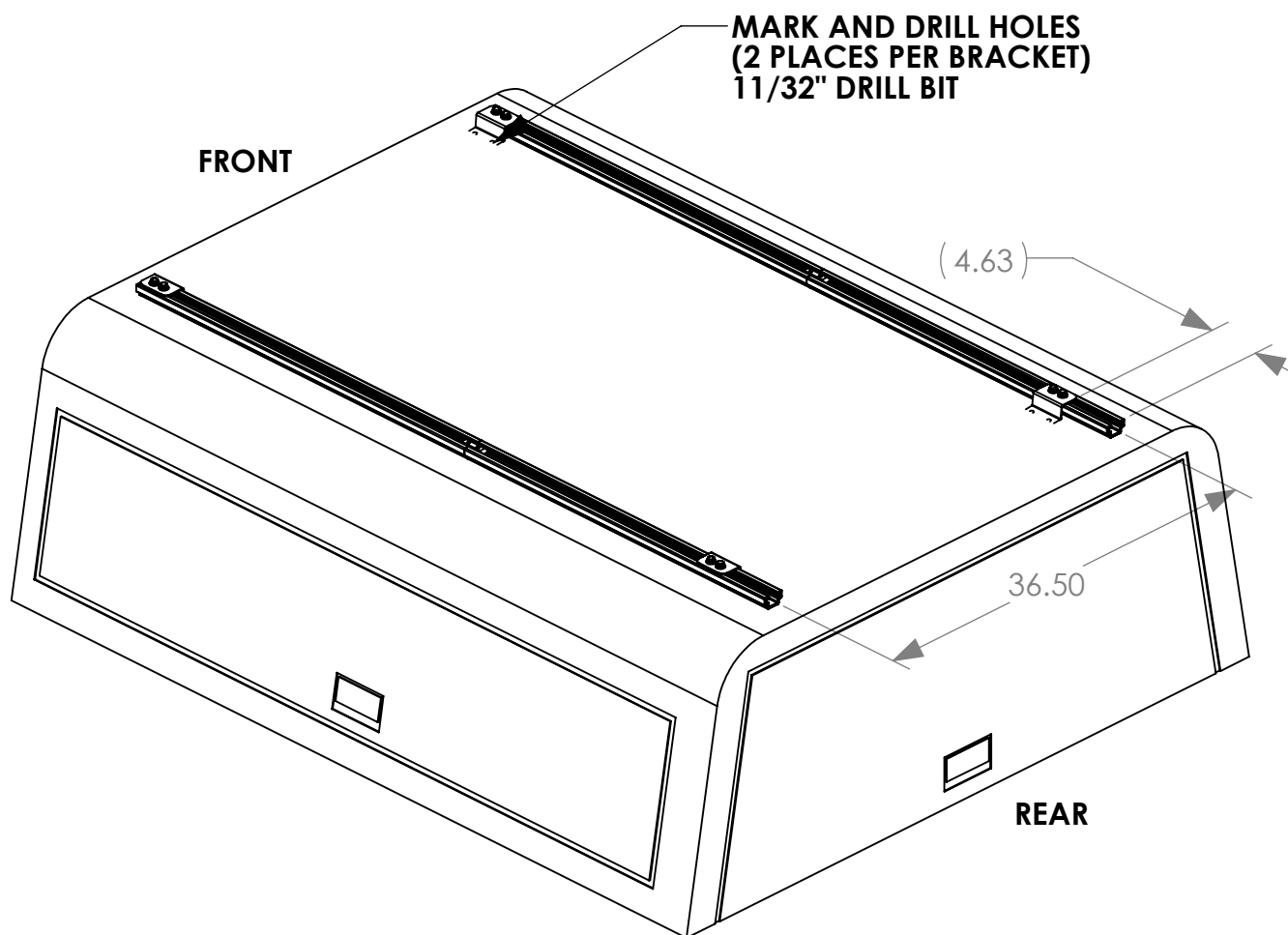
LOCATE THE REINFORCEMENT PLATES ON BOTH SIDES OF TOPPER (FRONT AND REAR).

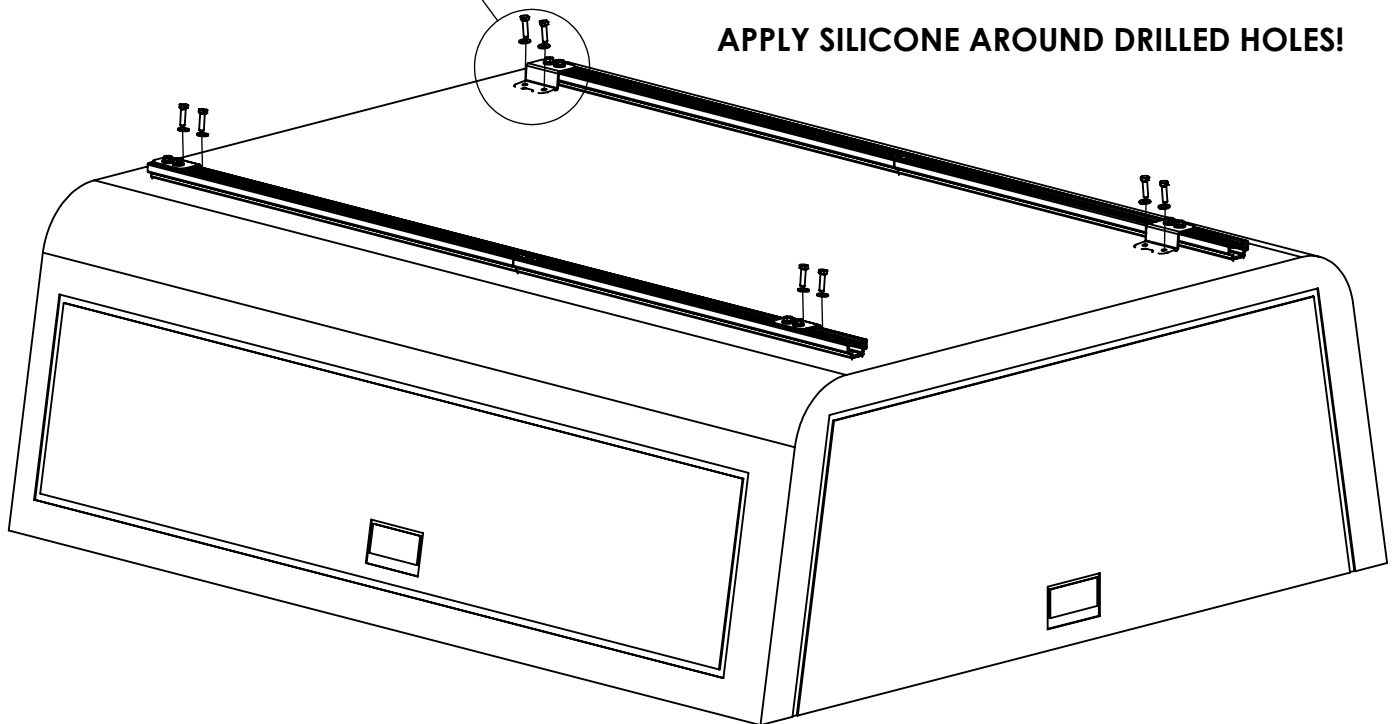
MOUNTING HOLES IN RAIL BRACKETS NEED TO BE ABOVE THESE WHEN INSTALLED!!!



SET RAILS WITH BRACKETS ON ROOF, CENTER-TO-CENTER DISTANCE OF RAILS MUST BE A MINIMUM OF 36.5", CENTERED ON THE TOPPER.

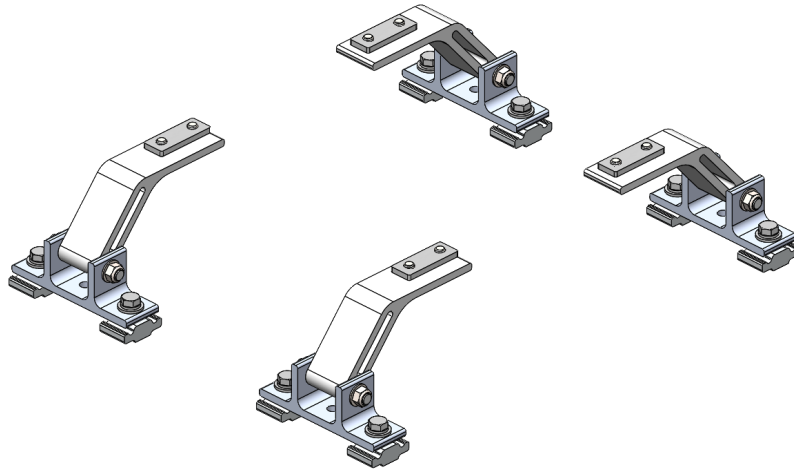
PLEASE ENSURE THE SPACING OF THE RAIL BRACKETS PROVIDE ENOUGH CLEARANCE FOR THE MOUNTING BRACKETS OF THE RACK TO BE INSTALLED. RACK SHOULD BE INSTALLED AS FAR REARWARD AS POSSIBLE.



STEP 4 - MOUNT RAILS TO TOPPER**NOTE: INSIDE OF TOPPER
SHOWN HERE****POSITION PLATE TO ALLOW THE MOST
SURFACE AREA OF THE PLATE TO CONTACT
THE WELDED REINFORCEMENT PLATES.****FAS0830, FAS0552, FAS0861
(2 PLACES PER BRACKET)
1/2" SOCKET
1/2" WRENCH****FULLY TIGHTEN BOLTS
(2 PLACES PER BRACKET)
1/2" SOCKET****POKE FASTENERS THROUGH FOAM TAPE.****APPLY SILICONE AROUND DRILLED HOLES!**



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 URM BK4W

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.

3/19/2025

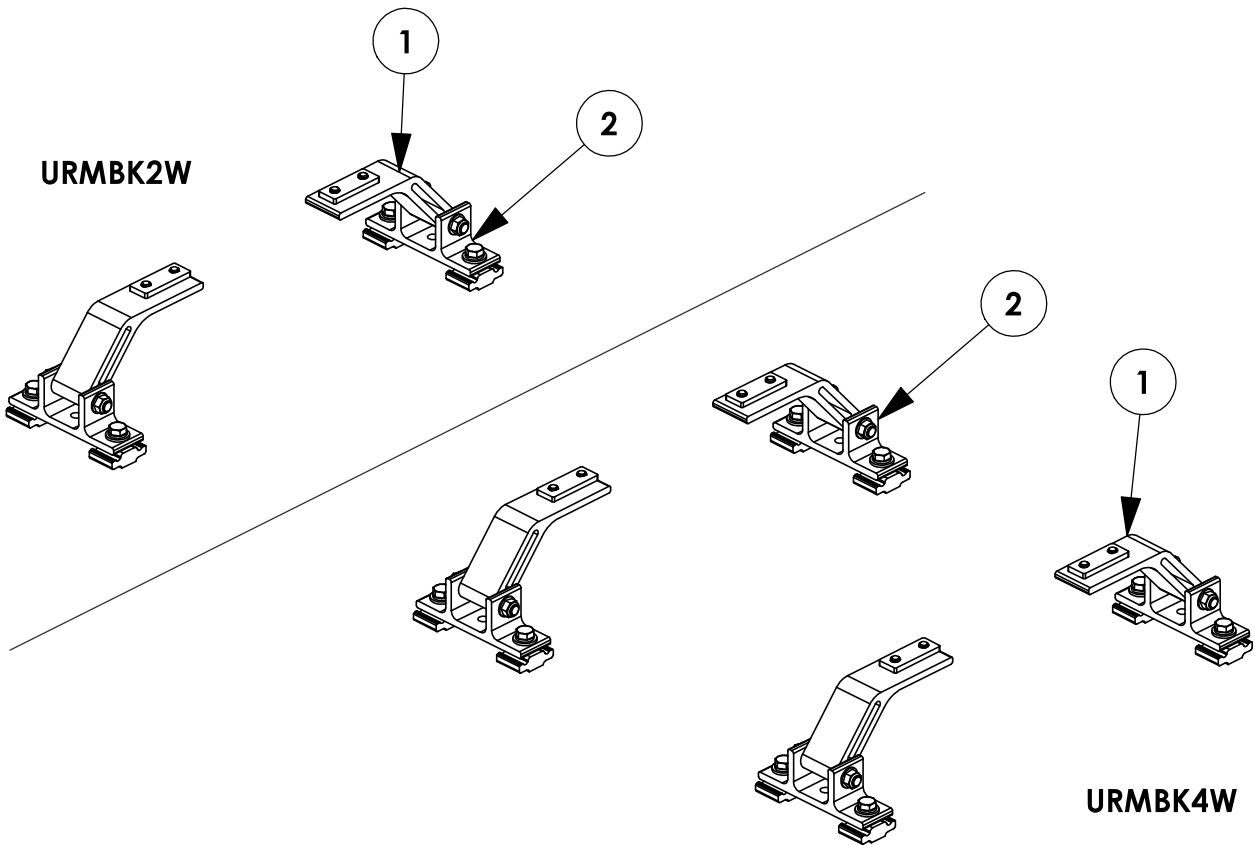
**UPDATED INSTALL POSITION
OF URMBK ON FORD TRANSIT
LOW ROOF IN LINE WITH
DEVIATION #1172 - SEE PAGES
12 AND 13 FOR DETAILS AND
RECOMMENDATIONS. PAGE 2
APPLIES FOR ALL VEHICLE/
ROOF COMBINATIONS.**

INSTR. NUMBER : 66850 PART NUMBER : URM BK PART • DESC. • UTILITY,MNT BKT KT,RAIL	PG: 1	REV: D	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.

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).

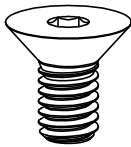
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

PAGE:

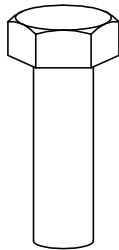
3

FASTENERS AND HARDWARE USED

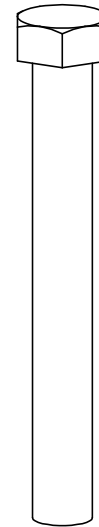
BAG REFERENCE: BAG66848



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



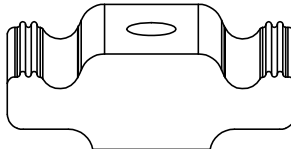
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



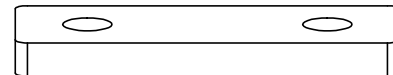
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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

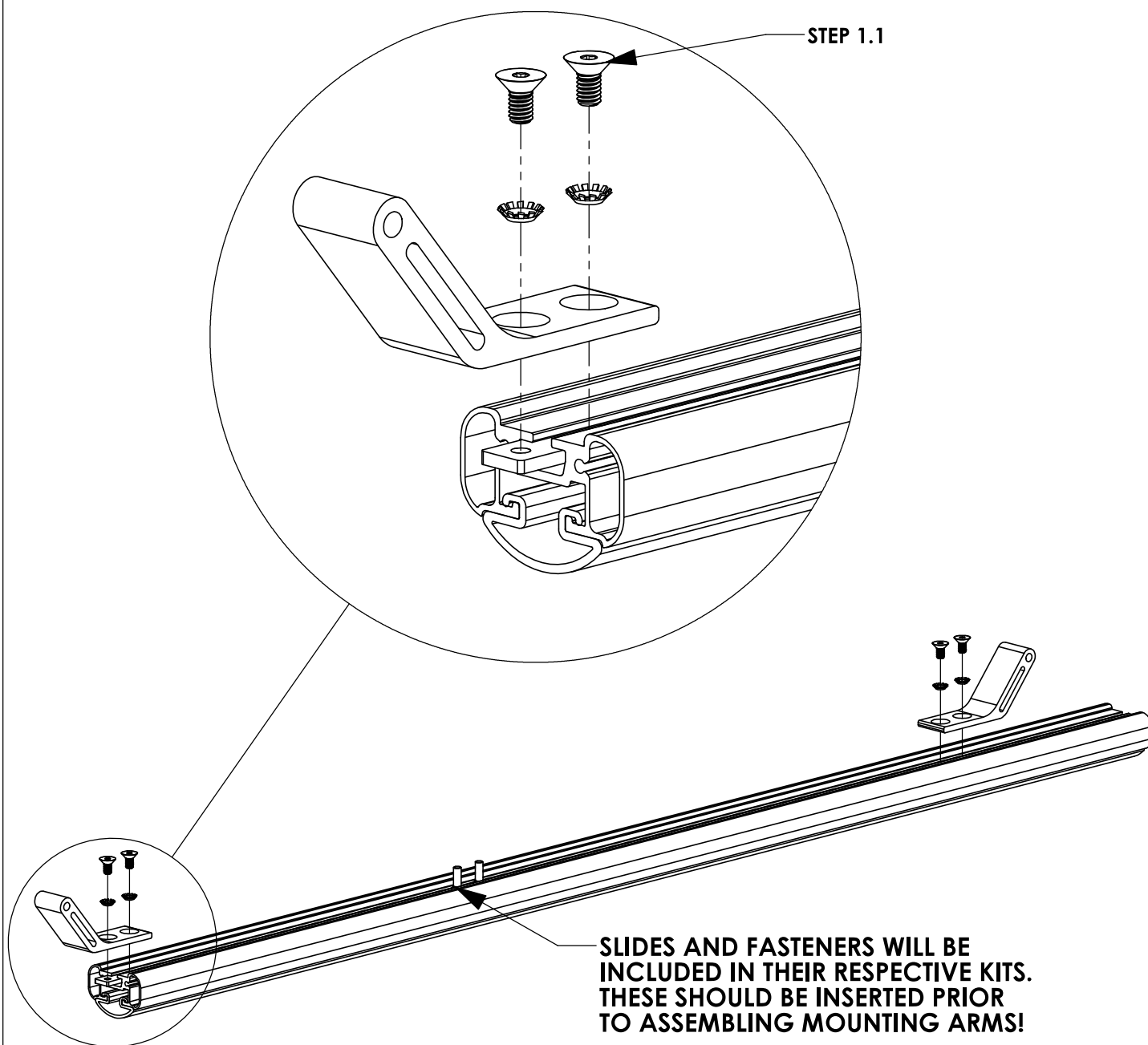
**LOOSELY ASSEMBLE
UNTIL AFTER STEP 3**

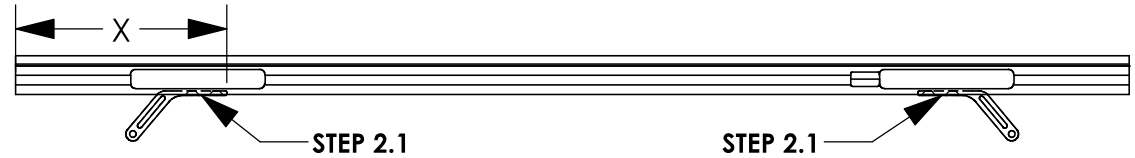
(2) FAS0857, (2)
FAS0858, 68042

(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)**

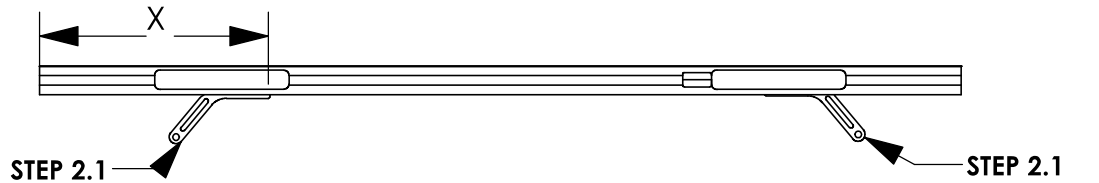
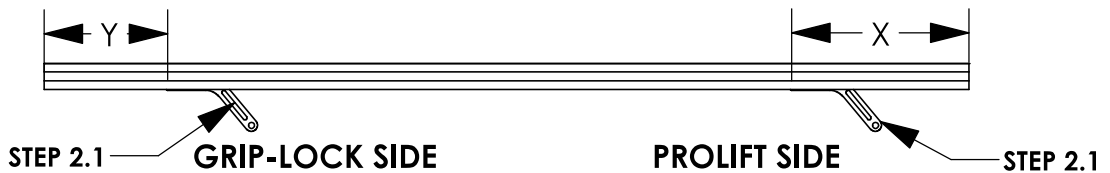
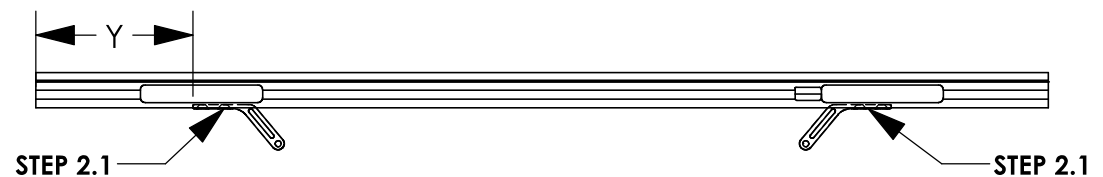
4 5/8"

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**

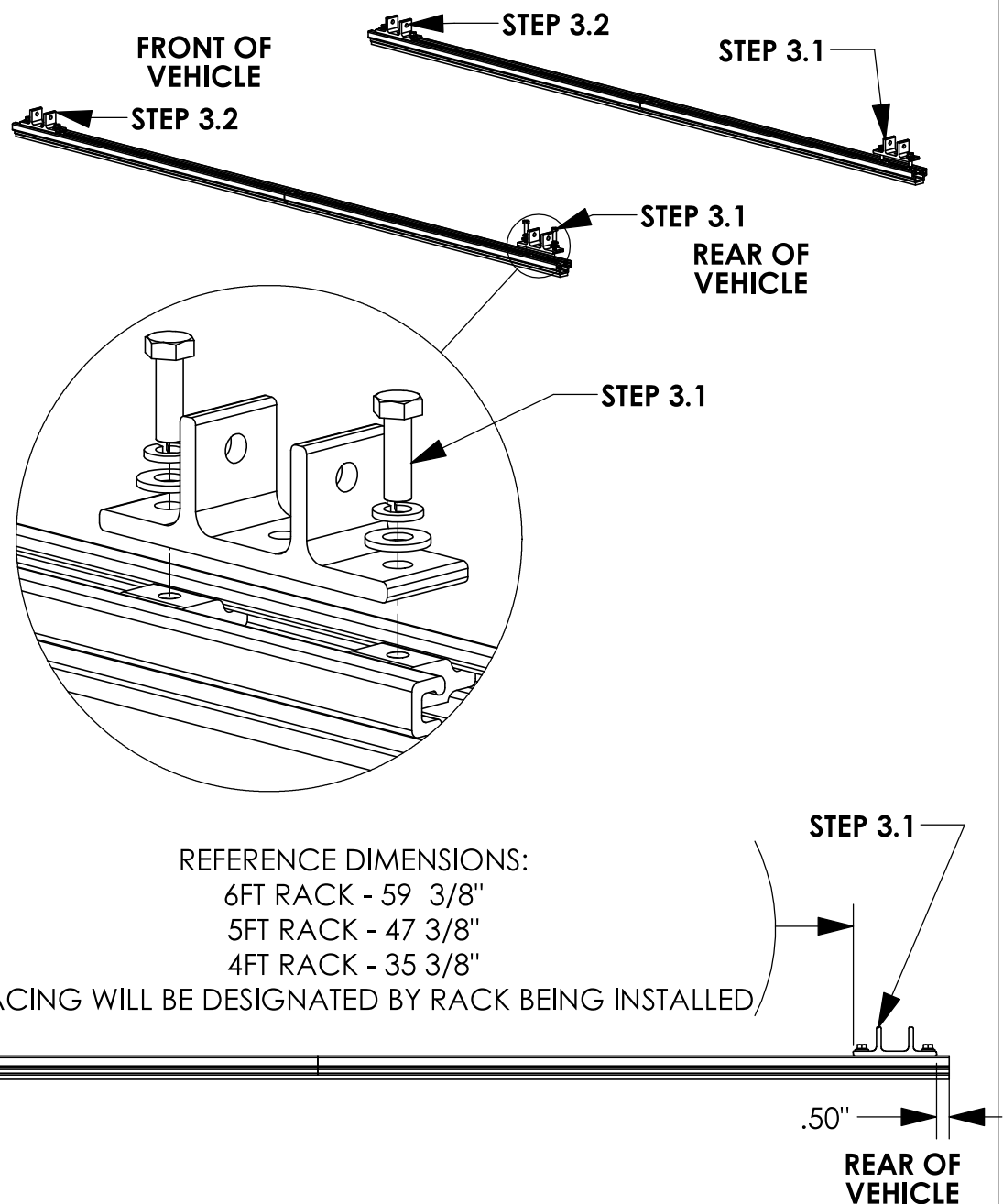
FAS0597, FAS0552,
FAS0588, 63490 ON
REAR MOUNTING FEET

(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

**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.

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

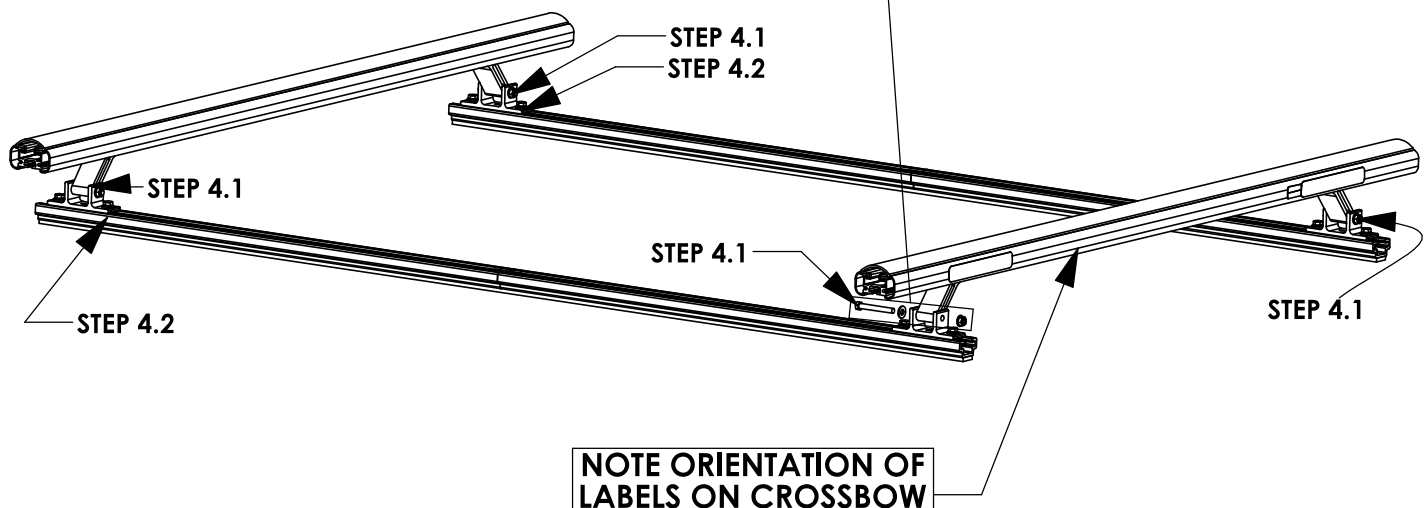
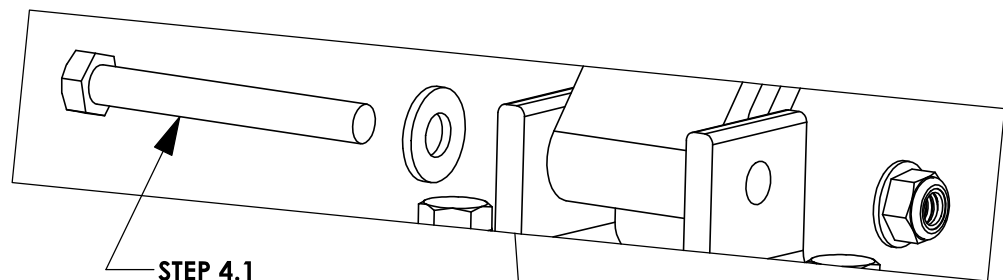
(02 PLACES PER
CROSSBOW)

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

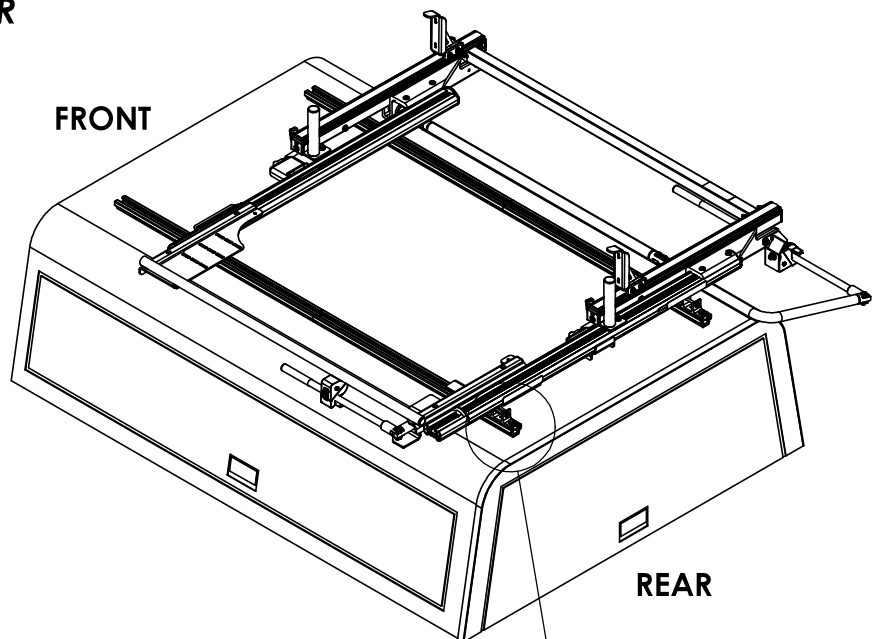
GRIP LOCK/PROLIFT LADDER RACKS -

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

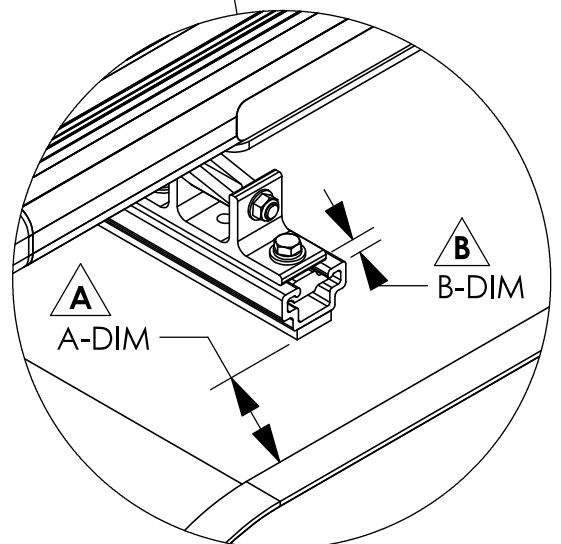
6' ARE TOPPER / 8' LEER TOPPER

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 PREVIOUSLY INSTALLED, LOOSEN TOPPER RAIL BRACKET RAIL SLIDES AND ADJUST TO MEET DESIRED POSITIONING

INSTALLATION IS COMPLETE!! MAKE SURE ALL FASTENERS ARE TIGHTENED

FORD TRANSIT LOW ROOF
POSITION UPDATES PER
DEVIATION #1172 ON NEXT
TWO PAGES

INSTR.
NUMBER

: INS76139

PG:

1

REV:

A

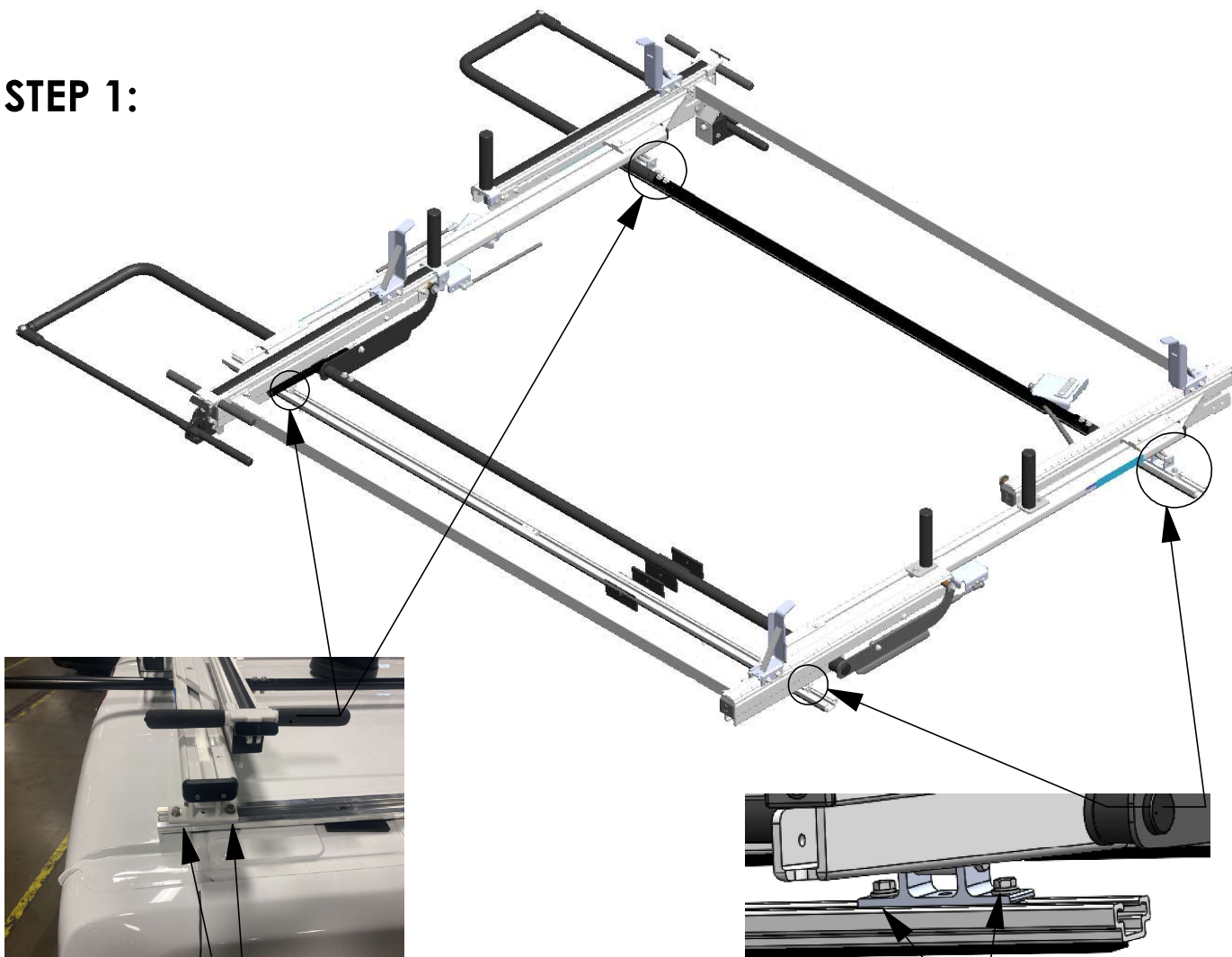
TOOLS NEEDED:

- SOCKET WRENCH
(OR 1/2" WRENCH)
- 1/2" SOCKET
- TAPE MEASURE

(POWER TOOLS NOT
RECOMMENDED)

ProLift LADDER RACK OPTIMAL ADJUSTMENT INSTRUCTIONS:

STEP 1:



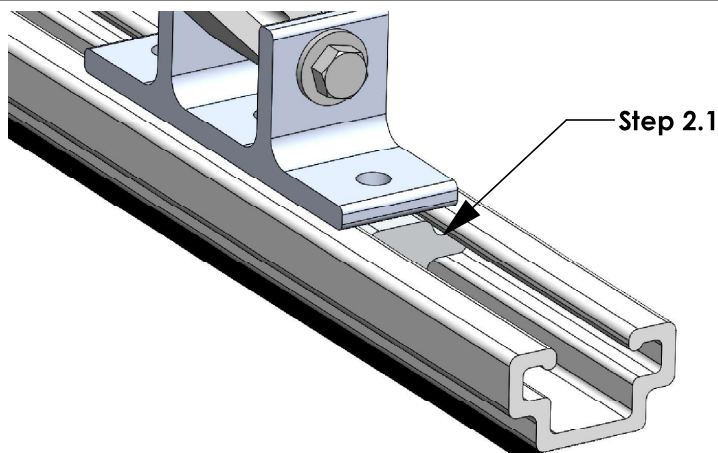
Step 1.1
LOOSEN 5/16"
BOLTS
(2 PLACES, BOTH
REAR CORNERS)
1/2 WRENCH OR
1/2 SOCKET

SAVE FASTENERS

Step 1.2
FULLY REMOVE
5/16" BOLTS
AND WASHERS
(2 PLACES, BOTH
FRONT
CORNERS)
1/2 WRENCH OR
1/2 SOCKET

STEP 2 & 3 - CHANGING POSITION OF LADDER RACK

Step 2.1
WITH BOLTS
REMOVED, MOVE
FRONT FOUR SLIDES
(2 PER CORNER) TO
DESIRED LOCATION



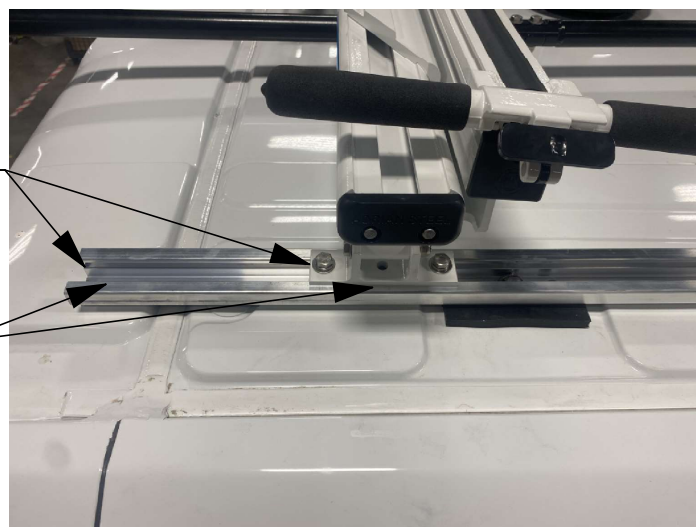
FRONT



BEFORE ADJUSTING
POSITION, CHECK
WIRING TO ENSURE
ELECTRICAL
COMPONENTS DO
NOT INTERFERE WITH
ADJUSTMENT

Step 2.2
ONCE ALL BOLTS
ARE LOOSENED,
SLIDE LADDER
RACK FORWARD
TO DESIRED
LOCATION.
***ALIGN WITH**
FRONT SLIDES*
(CONFIRM WITH
TAPE MEASURE)

7.5"
 Step 2.2



REAR

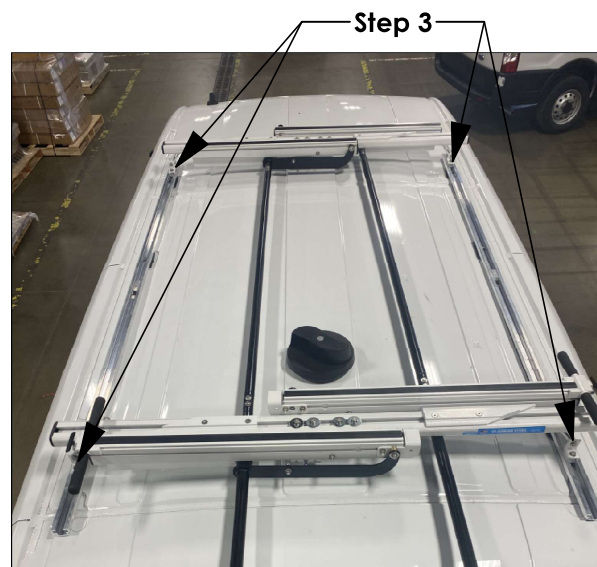
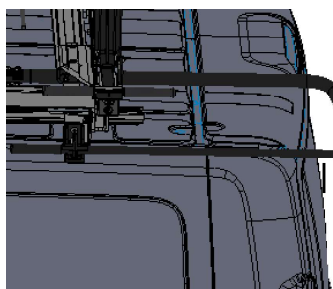
Step 2.3
CHECK
CLEARANCE OF
REAR DROP-
DOWN HANDLE,
(TARGET MINIMUM
CLEARANCE OF 2"
FOR BOTH
HANDLES)



Step 2.3

Step 3
RE-INSERT FRONT
FASTENERS SAVED
FROM STEP 1.2.
FULLY TIGHTEN ALL
BOLTS TO LOCK IN
PLACE.

1/2" SOCKET OR
WRENCH

**ADJUSTMENT COMPLETE**



2-Crossbar Kit, 48", White, Multiple Pickups



PRODUCT WEIGHT
13.4 LBS

CROSSBOW LENGTH X
HEIGHT

49" x 2"

CAPACITY

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

COLOR

WHITE

CATALOG NUMBER

2BARTOPW

PRODUCT FEATURES

Aluminum base 2-crossbow kit for PROFILE™ HD Utility, Grip-Lock, ProLift, or combo ladder racks. Works with all ARE and Leer toppers for all cab styles and bed lengths. Works with and without OEM specific rail kit and generic mounting bracket kits.

Additional crossbows and optional uprights, conduit kits, and rear rollers available.

Utility and grip lock ladder racks are not recommended for medium and high roof vehicles!

Please refer to OEM specific mounting kit or rail kit for additional information on compatible accessories.

INSTALLATION GUIDE FOR PROFILE™ SERIES LADDER RACKS

INSTRUCTION #:
68895

REV:
B

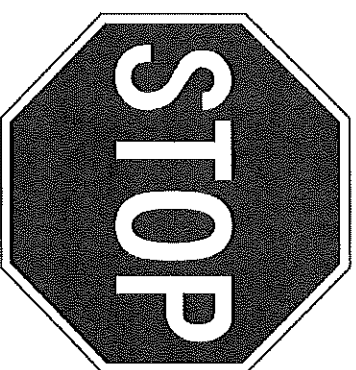
THIS INSTRUCTION PROVIDES A GENERAL GUIDE OF INSTALLATION SEQUENCE FOR ALL PROFILE™ SERIES LADDER RACKS. PLEASE ENSURE ALL ACCESSORIES ARE INSTALLED PER TYPE OF RACK BEFORE PROCEEDING TO NEXT PAGE.

REFERENCE THIS INSTRUCTION THROUGHOUT THE ENTIRETY OF YOUR INSTALL TO PREVENT ACCESSORIES BEING INSTALLED INCORRECTLY/OUT OF SEQUENCE!

STEPS 21 - 81 ON PAGE 3 IS THE RECOMMENDED ASSEMBLY SEQUENCE FOR A FULL TABLE ASSEMBLY BEFORE INSTALLING ON THE ROOF OF THE VEHICLE.

STEPS 2R - 8R ON PAGE 4 IS AN ALTERNATE ASSEMBLY SEQUENCE TO INSTALL THE RACK ON THE VEHICLE ROOF AS IT IS BUILT.

PLEASE SELECT THE ASSEMBLY SEQUENCE THAT BEST WORKS FOR YOU!



ASSEMBLY STEPS:

STEP 1A. SUB-ASSEMBLE EACH CROSSBOW WITH DESIRED ACCESSORIES FOR SECTIONS A.1 & A.2.

INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!

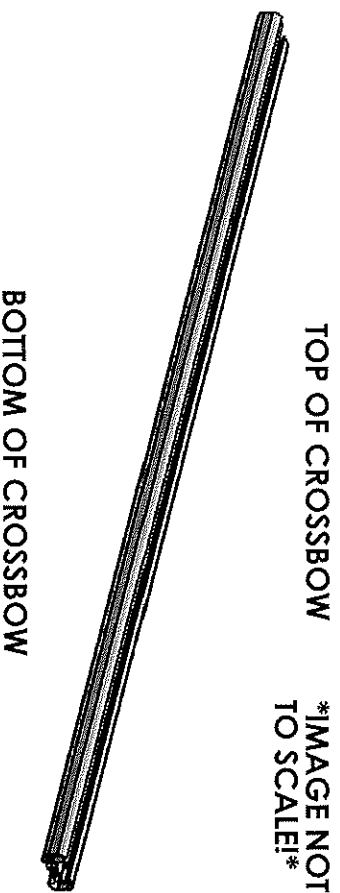


TABLE 1

TOP OF CROSSBOW		
COMPONENTS TO INSTALL		
A.1	HD UTILITY	- CONDUIT KIT OR BEACON
	Grip-Lock	- CONDUIT KIT OR BEACON
	Prolift	- CONDUIT KIT OR BEACON
BOTTOM OF CROSSBOW		
COMPONENTS TO INSTALL		
A.2	HD UTILITY	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER
	Grip-Lock	- Grip-Lock SUB-ASSEMBLY
	Prolift	- DAMPER BRACKET

STEP 1B. SUB-ASSEMBLE EACH CROSSBOW WITH DESIRED ACCESSORIES FOR SECTIONS B.1 & B.2. INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!

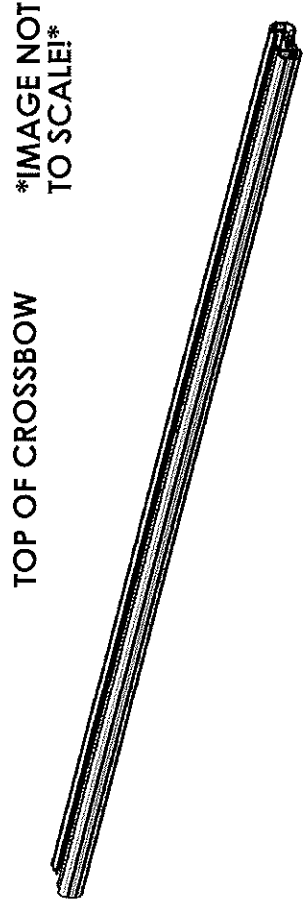


IMAGE NOT TO SCALE!

TABLE 2

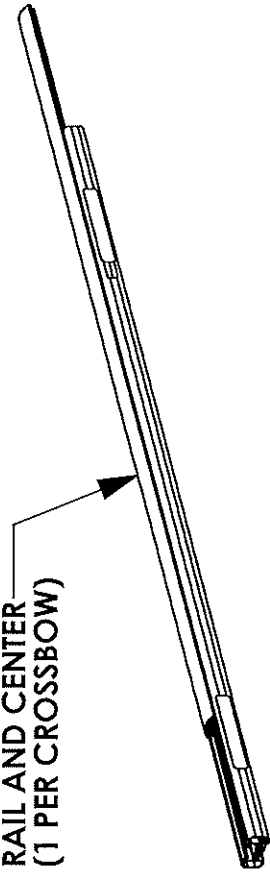
TOP OF CROSSBOW	
	COMPONENTS TO INSTALL
B.1	HD UTILITY - WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	Grip-Lock - WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	ProLift - INNER STOP POST
BOTTOM OF CROSSBOW	
	COMPONENTS TO INSTALL
B.2	HD UTILITY - MOUNTING BRACKETS
	Grip-Lock - MOUNTING BRACKETS
	ProLift - MOUNTING BRACKETS

ALTER WEAR STRIP AND INSTALL ON CROSSBOW (IF APPLICABLE)! REFERENCE TABLE 3 BELOW FOR WEAR STRIP ALTERATION INSTRUCTIONS!

TABLE 3

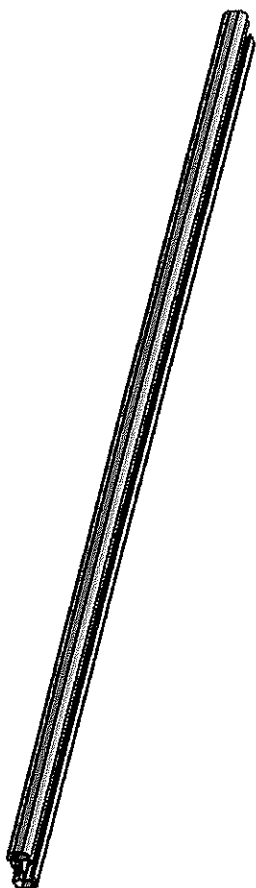
ADDED ACCESSORIES	ALTERATION FOR WEAR STRIP
4" UPRIGHT***	REMOVE 2" FROM END OF WEAR STRIP
4" PVC CONDUIT KIT	REMOVE 7.25" FROM CENTER OF WEAR STRIP
6" PVC CONDUIT KIT	REMOVE 9.50" FROM CENTER OF WEAR STRIP
ALUMINUM BOX CONDUIT KIT	REMOVE 13.25" FROM CENTER OF WEAR STRIP
BEACON	REMOVE 4" FROM CENTER OF WEAR STRIP
ProLift (SINGLE SIDE)	CUT WEAR STRIP IN HALF, DO NOT INSTALL ON ProLift SIDE
ProLift (DUAL SIDE)	DO NOT INSTALL WEAR STRIP

SLIDE WEAR STRIP INTO RAIL AND CENTER (1 PER CROSSBOW)



**STEP 1C SUB-ASSEMBLE EACH CROSSBOW WITH
DESIRED ACCESSORIES FOR SECTIONS C.1 & C.2**

TOP OF CROSSBOW
IMAGE NOT TO SCALE



BOTTOM OF CROSSBOW

TABLE 4

TOP OF CROSSBOW		
COMPONENTS TO INSTALL		
	HD UTILITY	- 4" UPRIGHT
C.1	Grip-Lock	- N/A
	Prolift	- SLIDES FOR BASE EXTRUSION
BOTTOM OF CROSSBOW		
COMPONENTS TO INSTALL		
	HD UTILITY	- UPRIGHTS (6", 9", RATCHET)
C.2	Grip-Lock	- STROBES
	Prolift	- STROBES

ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

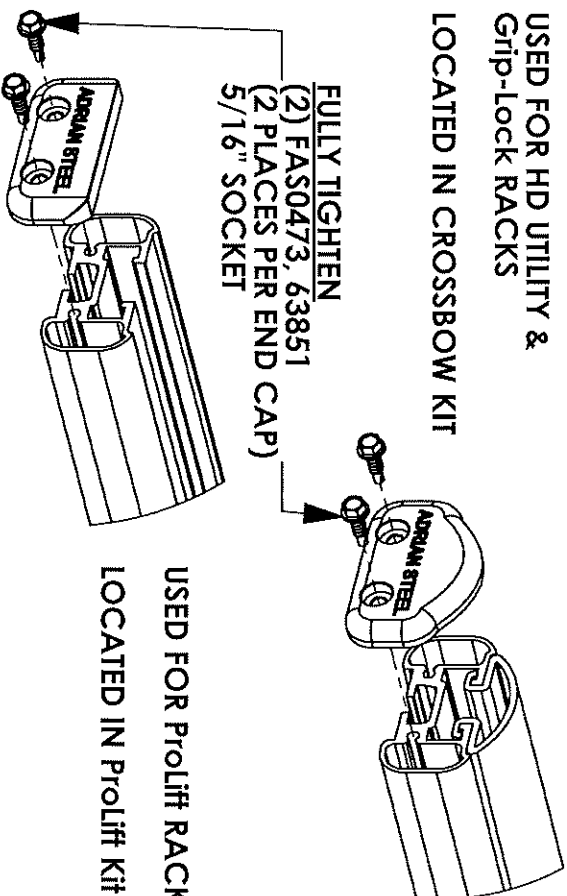
- 2T. ADD DRIVELINES (IF INSTALLING Prolift)
- 3T. ADD HANDLES (IF INSTALLING Grip-Lock OR Prolift) AND DAMPERS (IF INSTALLING Prolift)
- 4T. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR Prolift)
- 5T. ADD STEP LADDER KIT (Grip-Lock OR Prolift ONLY)

- 6T. ASSEMBLE ENDS CAPS TO CROSSBOW

USED FOR HD UTILITY &
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

FULLY TIGHTEN
(2) FAS0473, 63851
(2 PLACES PER END CAP)
5/16" SOCKET



USED FOR Prolift RACKS
LOCATED IN Prolift Kit

- 7T. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & Prolift
OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER
RACKS)

- 8T. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO
VEHICLE/MOUNTING BRACKET, OR ROOF RAIL
(LOOSE INSTALL)

ALTERNATE ASSEMBLY METHOD!
(ASSEMBLE ON VEHICLE ROOF):

2R. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & ProLift, OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER RACKS)

3R. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO VEHICLE/MOUNTING BRACKET, OR ROOF RAIL (LOOSE INSTALL)

4R. ADD DRIVELINES (IF INSTALLING ProLift)

5R. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLift) AND DAMPERS (IF INSTALLING ProLift)

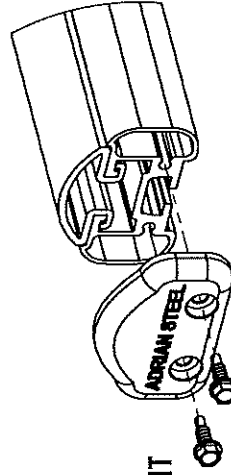
6R. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)

7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

8R. ASSEMBLE END CAPS TO CROSSBOW

USED FOR HD UTILITY &
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

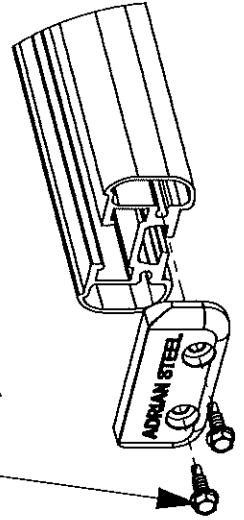


FULLY TIGHTEN

(2) FAS0473, 63851

(2 PLACES PER END CAP)

5/16" SOCKET



USED FOR ProLift RACKS

LOCATED IN ProLift Kit