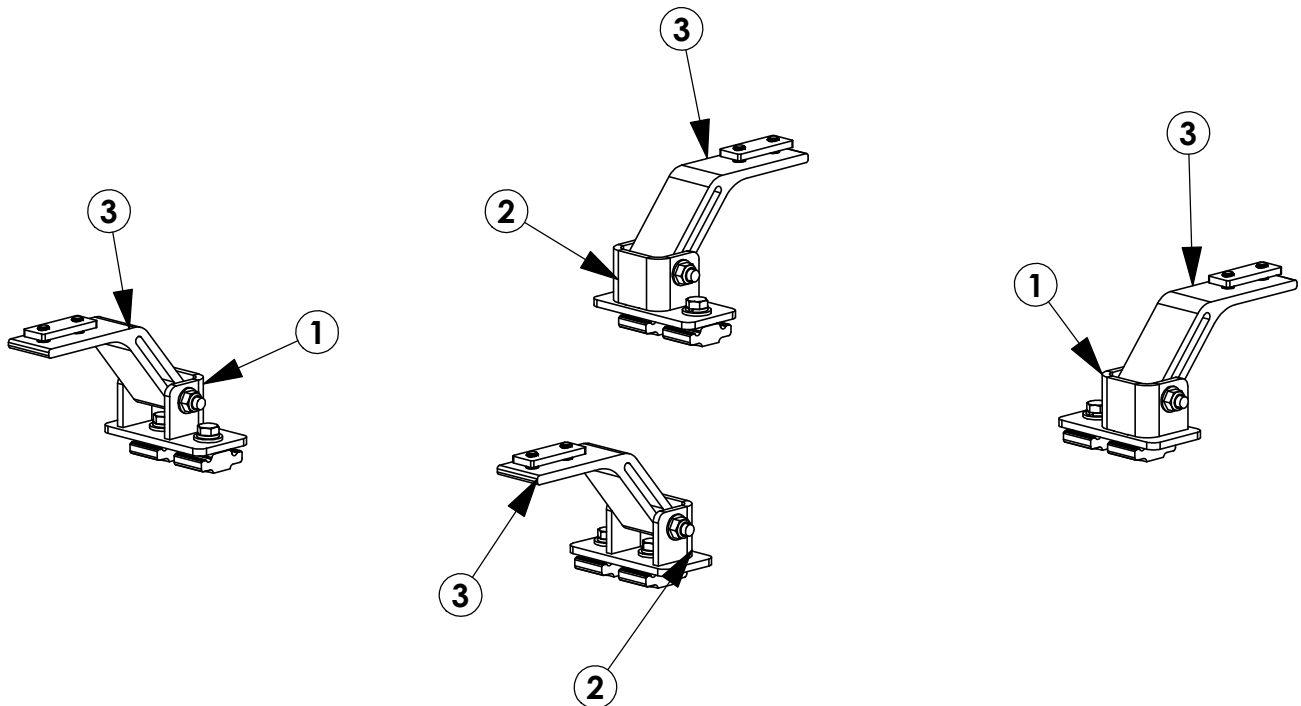


INSTR. NUMBER : 69907	PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART NUMBER : MAVRMBK4			1	69903-W	MAV RAIL BRKT FDS/RPS,W	2
PART DESC. : MAV RAIL MNT BKT KT,4			2	69904-W	MAV RAIL BRKT FPS/RDS,W	2
			3	68040-W	PROFILE, MOUNTING ARM, SHORT,W	4

- 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:**

- MAVRMBK4W
- MAVRMBK4B



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 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.

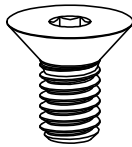
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

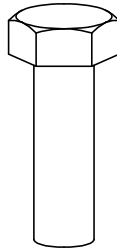
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

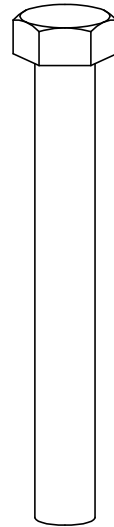
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED
BAG REFERENCE: BAG 66848

FAS0858
5/16-18X.63 SS
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, LCK EXT CS
QTY: 8



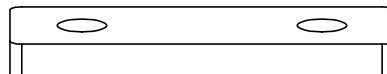
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



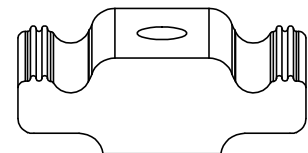
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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



68042
PROFILE FOOT
MOUNTING PLATE
QTY: 4



63490
RAIL SLIDE,
1"
QTY: 8

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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**

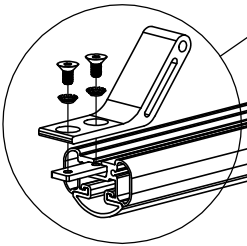
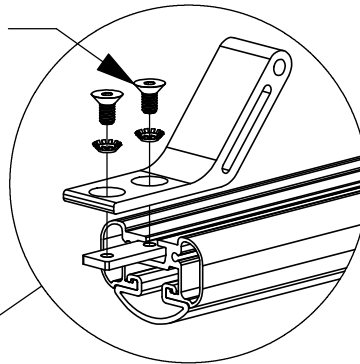
**(2) FAS0857, (2)
FAS0858, 68042**

**(02 PLACES PER
CROSSBOW)
3/16" ALLEN**

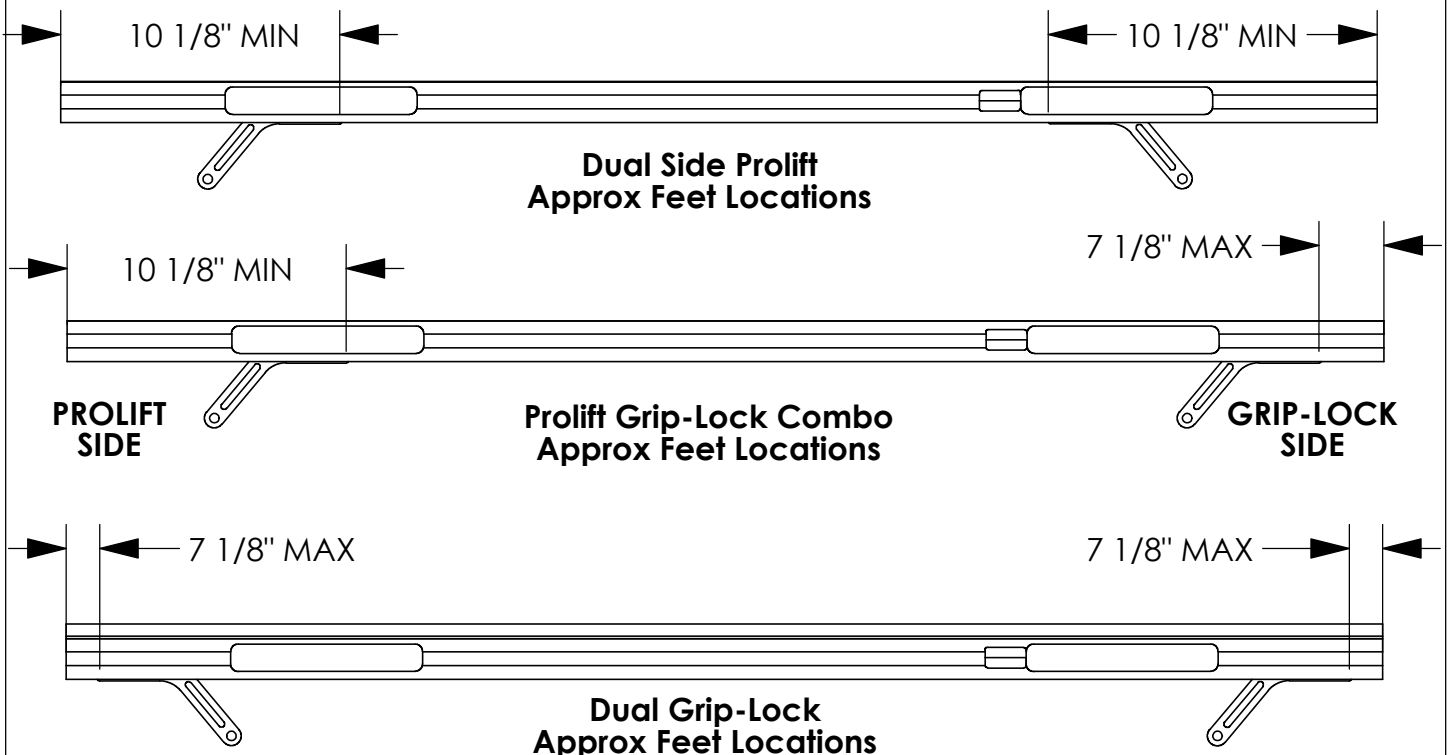
ATTENTION!

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

STEP 1.1



**SLIDES AND FASTENERS WILL BE
INCLUDED IN THEIR RESPECTIVE KITS.
THESE SHOULD BE INSERTED PRIOR
TO ASSEMBLING MOUNTING ARMS!**



STEP 2 - ASSEMBLE MOUNTING BRACKETS TO ROOF RAILS**STEP 3.1****FULLY TIGHTEN**

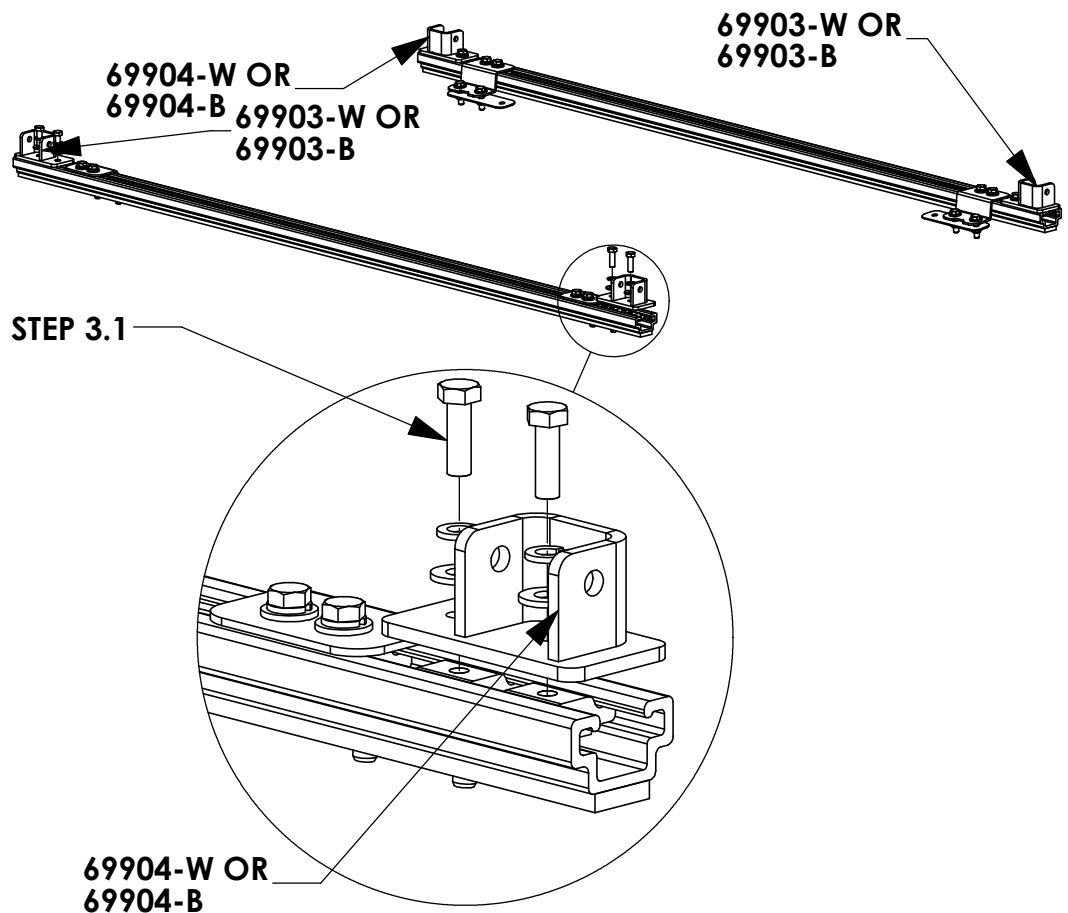
FAS0597, FAS0552,
FAS0588, 63490 ON
REAR MOUNTING FEET

(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



**DO NOT FULLY TIGHTEN! YOU MAY
NEED TO MOVE BRACKETS SLIGHTLY!**

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 -

REFER TO RESPECTIVE INSTRUCTION FOR CROSSBOW PLACEMENT

STEP 3 - 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)

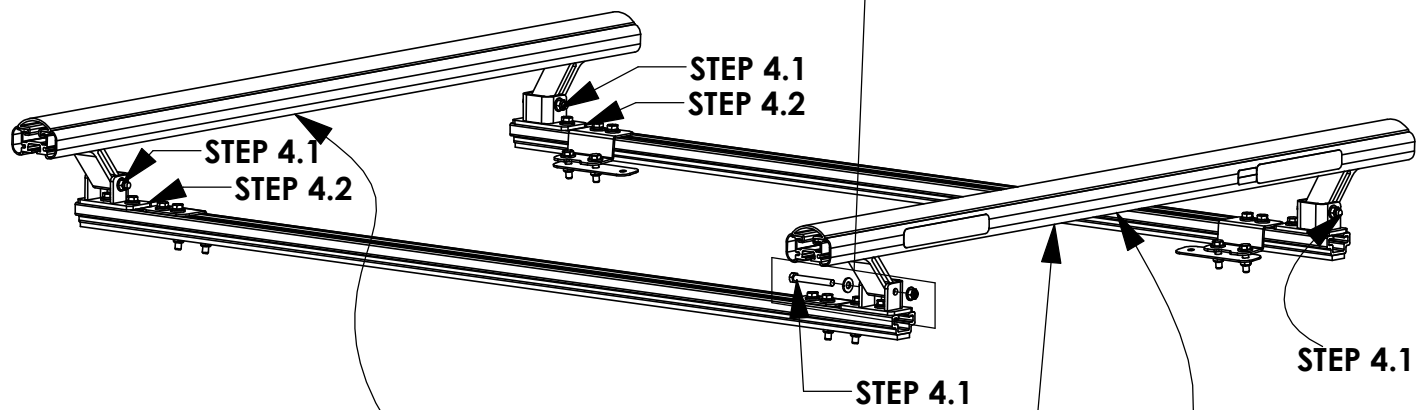
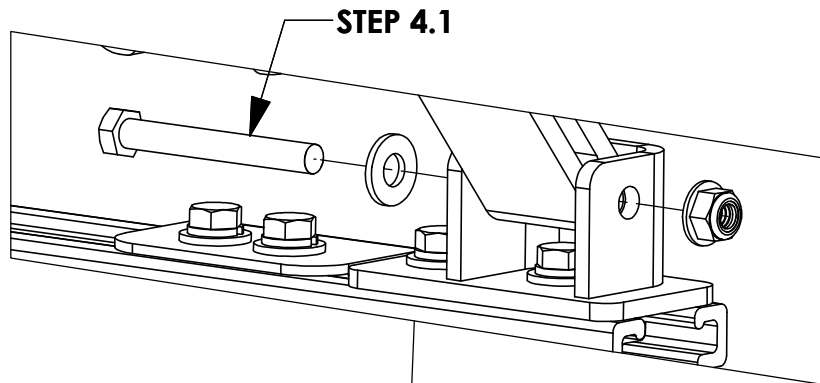
1/2" SOCKET
1/2" WRENCH

STEP 4.2**FULLY TIGHTEN**

FAS0597, FAS0552,
FAS0588, 63490 ON
FRONT MOUNTING
FEET

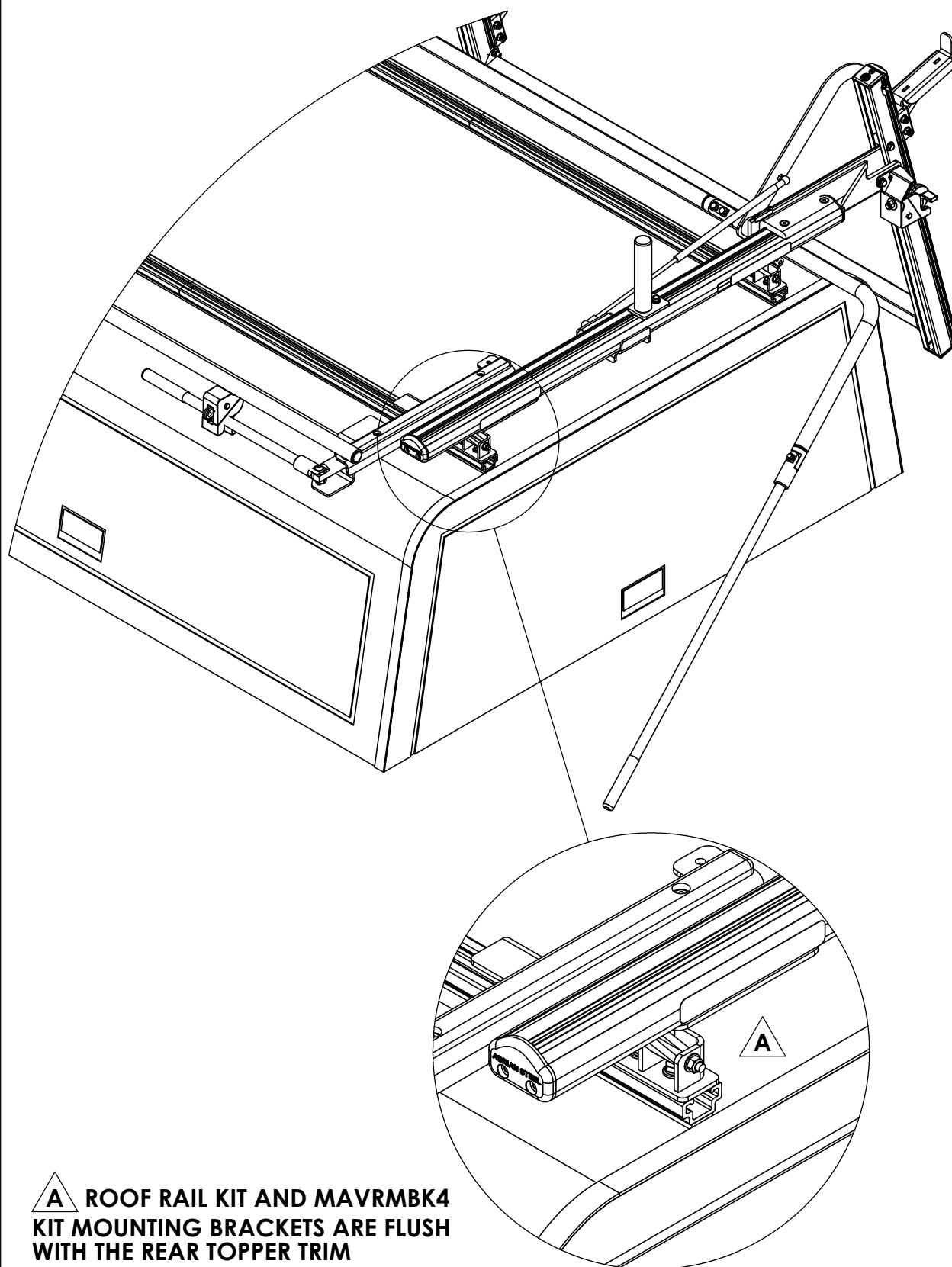
(02 PLACES PER
MOUNTING FOOT)

1/2" SOCKET



**NOTE ORIENTATION OF LABELS
ON CROSSBOW**

REFERENCE - NO ACCESSORIES SHOWN

STEP 4 - ADJUST MOUNTING BRACKET LOCATION IF NECESSARY

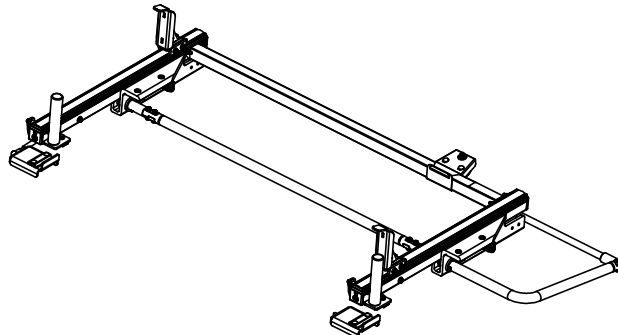
A ROOF RAIL KIT AND MAVRMBK4
KIT MOUNTING BRACKETS ARE FLUSH
WITH THE REAR TOPPER TRIM

INSTALLATION IS COMPLETE!! MAKE SURE ALL FASTENERS ARE TIGHTENED

**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

PROLIFT STANDARD DROP PASSENGER SIDE 4' LOW TOPPER LADDER RACKS

PRODUCT WEIGHT**58.5 LBS****WIDTH X DEPTH X HEIGHT****82.00" X 32.00" X4.00"****CAPACITY****SINGLE LADDER****COLOR****WHITE/BLACK****CATALOG NUMBER****PLSDPSLT4W, PLSDPSLT4B**

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 4'6" - 6'1" 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)
Maverick	4'6"	54"	RRKTOP55/UC	2BARTOPW	MAVRMBK4W	PLSDPSLT4	PLSDDSLT4
All	4'10" - 5'6"	58" - 66"	RRKTOP58/UC	2BARTOPW	URMBK4W	PLSDPSLT4	PLSDDSLT4
All	5'7" - 6'1"	67"-73"	RRKTOP67/UC	2BARTOPW	URMBK4W	PLSDPSLT4	PLSDDSLT4

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 4' LOW TOPPER LADDER RACKS

CATALOG NUMBER**PLSDPSLT4W, PLSDPSLT4B****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)
RRKTOP55	ROOF RAIL KIT,TOPPER,55"
RRKTOP58	ROOF RAIL KIT,TOPPER,58"
RRKTOP67	ROOF RAIL KIT,TOPPER,67"
RRKTOP55UC	ROOF RAIL KIT,TOPPER,55" UNICOVER
RRKTOP58UC	ROOF RAIL KIT,TOPPER,58" UNICOVER
RRKTOP67UC	ROOF RAIL KIT,TOPPER,67" 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-TOPDSW / B	GRIP-LOCK,TOPPER DS
PLSDDSLT4W/B	PROLIFT,STD,DS,LOW T,4

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

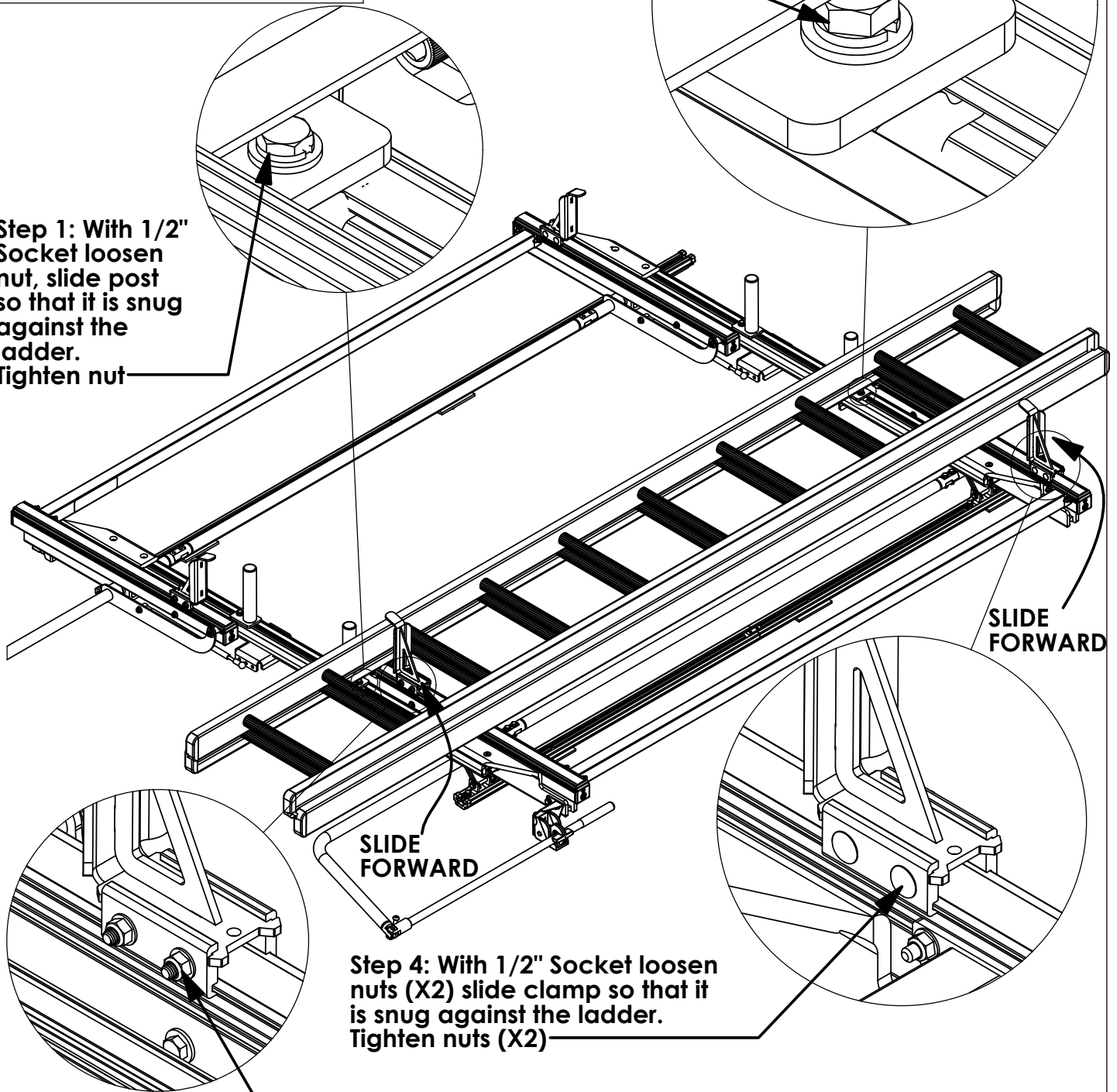
PG: 1
REV: A

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



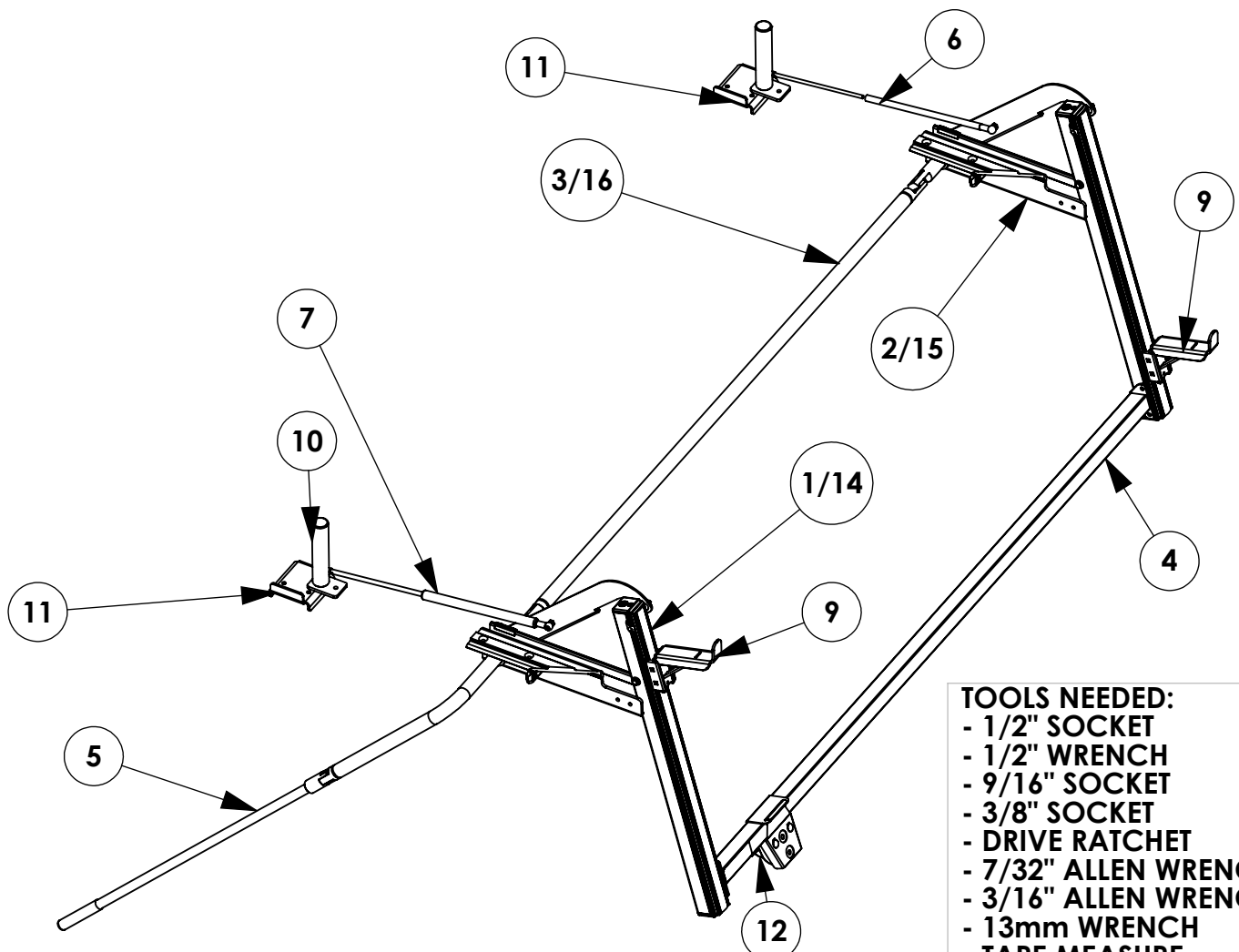
Step 4: With 1/2" Socket loosen nuts (X2) slide clamp so that it is snug against the ladder. Tighten nuts (X2)

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. : 70118		PG: 1	REV: D	ITEM NO.	PART NUMBER	DESCRIPTION	PLSDPSLT	PLSDDSLT
PART : PLSDPSLT & PLSDDSLT				1/14	70104-W	PROLIFT,LST,DR ASM,PS,R,W	1	-
				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' PS, OS BAR W/ LATCH CLAMP, WHITE	1	1
				5	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1	1
5' AND 6' RACKS WILL USE; PS: 80062-W/B DS: 80063-W/B 4' RACKS WILL USE; PS: 70104-W/B DS: 70105-W/B				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.

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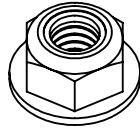
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

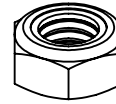
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS AND HARDWARE USED

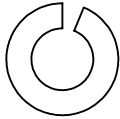
BAG REFERENCE: BAG68181 & BAG72513



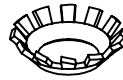
FAS0861
NUT,HEX NLK FLG 5/16-18
QTY: 18



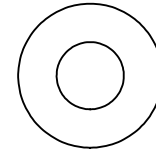
FAS0399
NUT,HEX NLK LT 3/8-16
QTY: 02



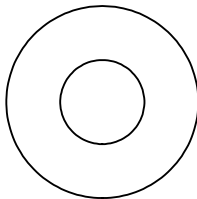
FAS0588
WASHER,LCK SPLIT 5/16
QTY: 02



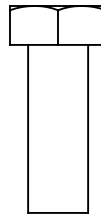
FAS0857
WASHER,LCK EXT CS 5/16
QTY: 04



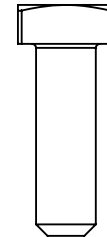
FAS0552
WASHER,FLAT USS 5/16
QTY: 06



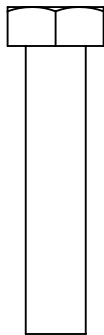
FAS0720
WASHER,FLAT USS 3/8
QTY: 01



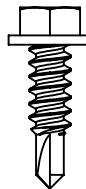
FAS0283
SCREW,HH 5/16-18X.875
QTY: 02



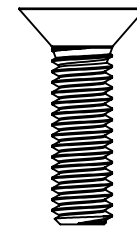
FAS0035
BOLT,SQ HD 5/16-18X1.0
QTY: 04



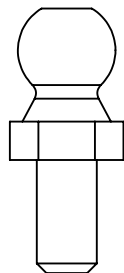
FAS0242
SCREW,HH 5/16-18X1.5
QTY: 04



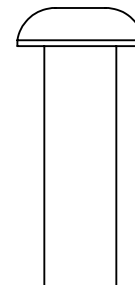
FAS0473
SCREW,HH TEK #12X.75
QTY: 04



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



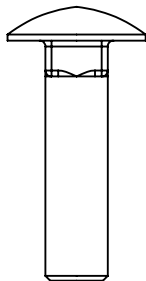
34927-0
BALL STUD 13MM X 5/16-18
QTY: 02



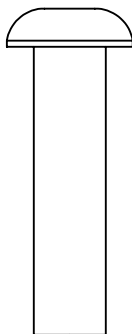
FAS0820
SCREW,BHCS 3/8-16X1.00
QTY: 01

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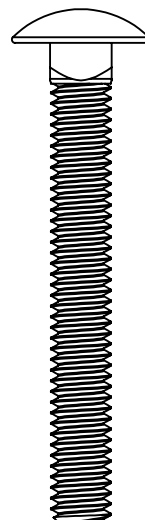
FASTENERS AND HARDWARE USED



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



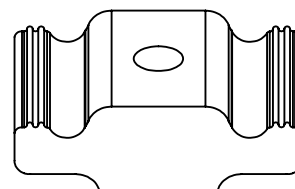
FAS0819
SCREW,BHCS 3/8-16X1.5
QTY: 01



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



64831
REAR ROLLER, SPACER
QTY: 02



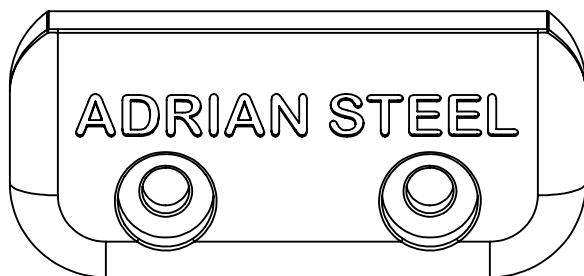
63490
RAIL SLIDE, 1"
QTY: 06



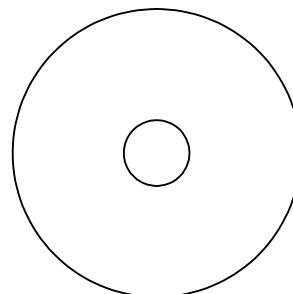
64830
REAR ROLLER, BOLT PLATE
QTY: 02



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

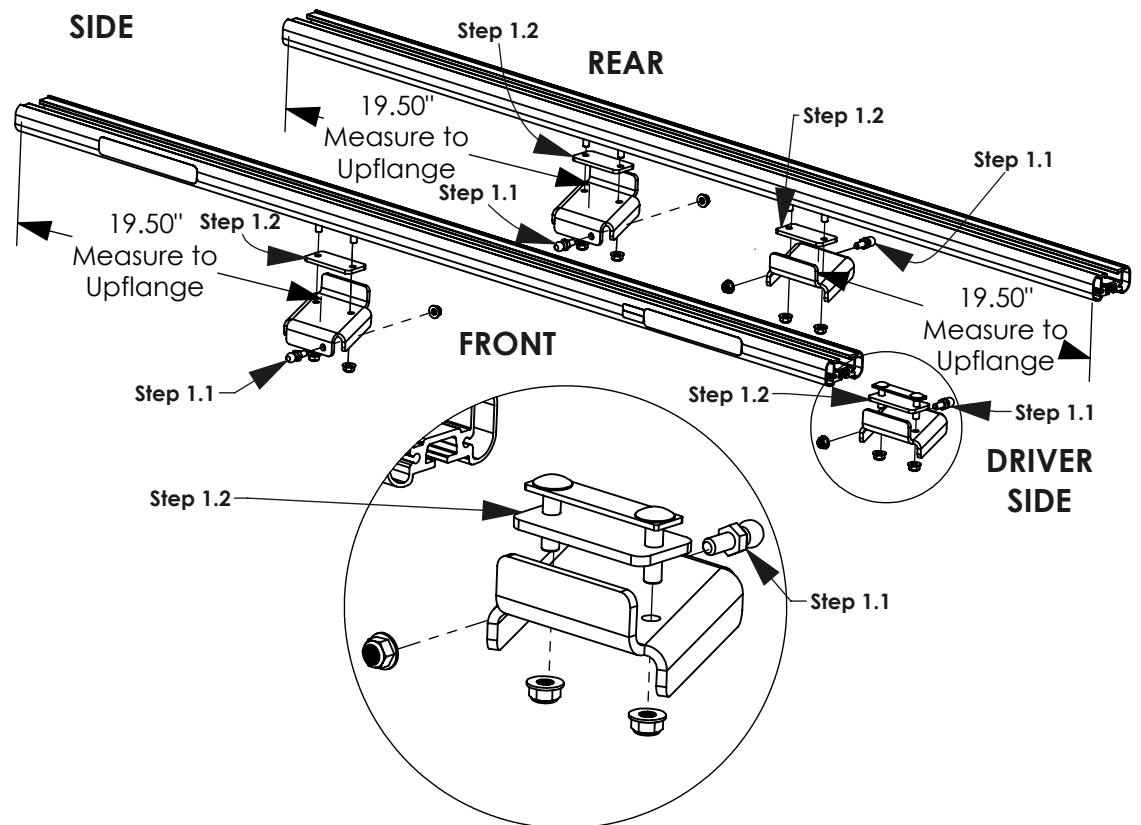
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STEP 1 - MOUNT DAMPER BRACKETS**A.2**

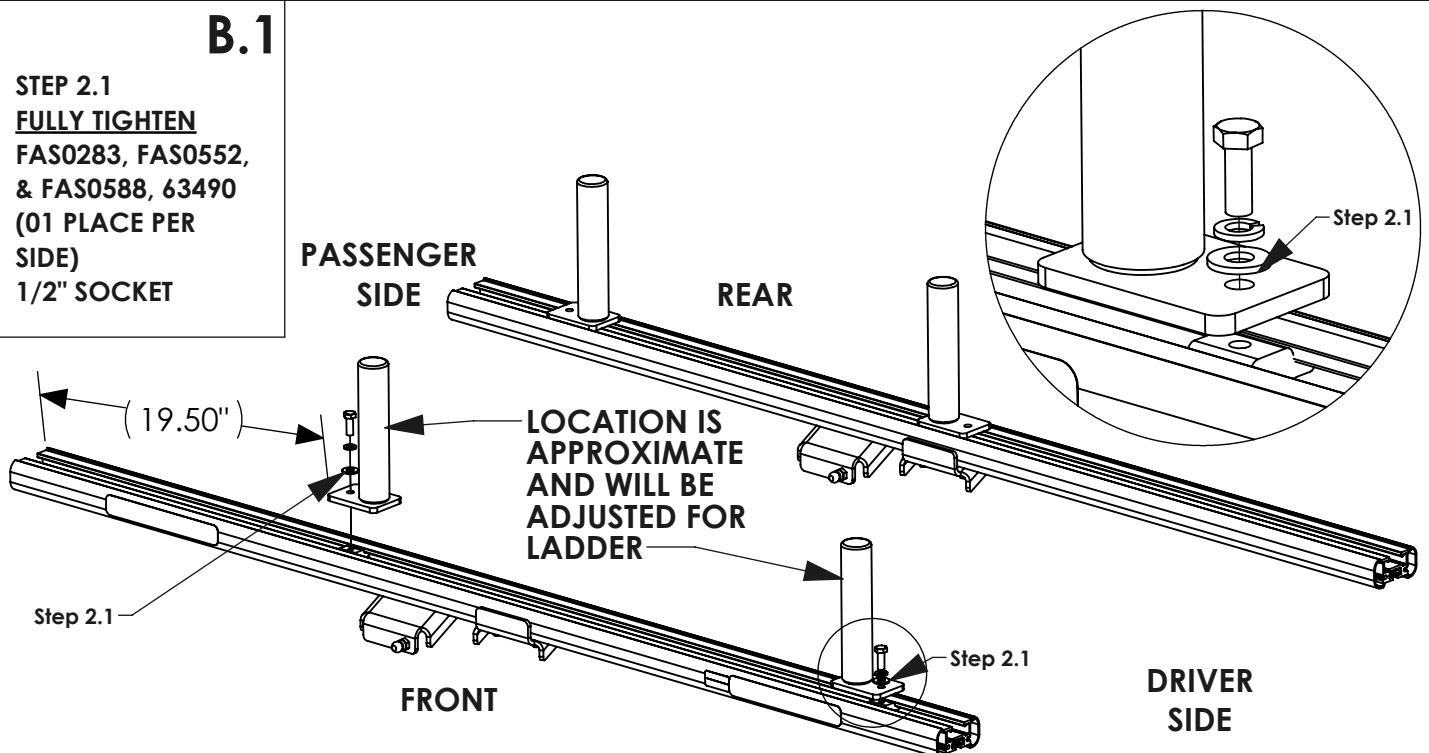
Step 1.1
FULLY TIGHTEN
34927-0 & FAS0861
(02 PLACES PER
SIDE)
13mm WRENCH
1/2" SOCKET

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

PASSENGER
SIDE

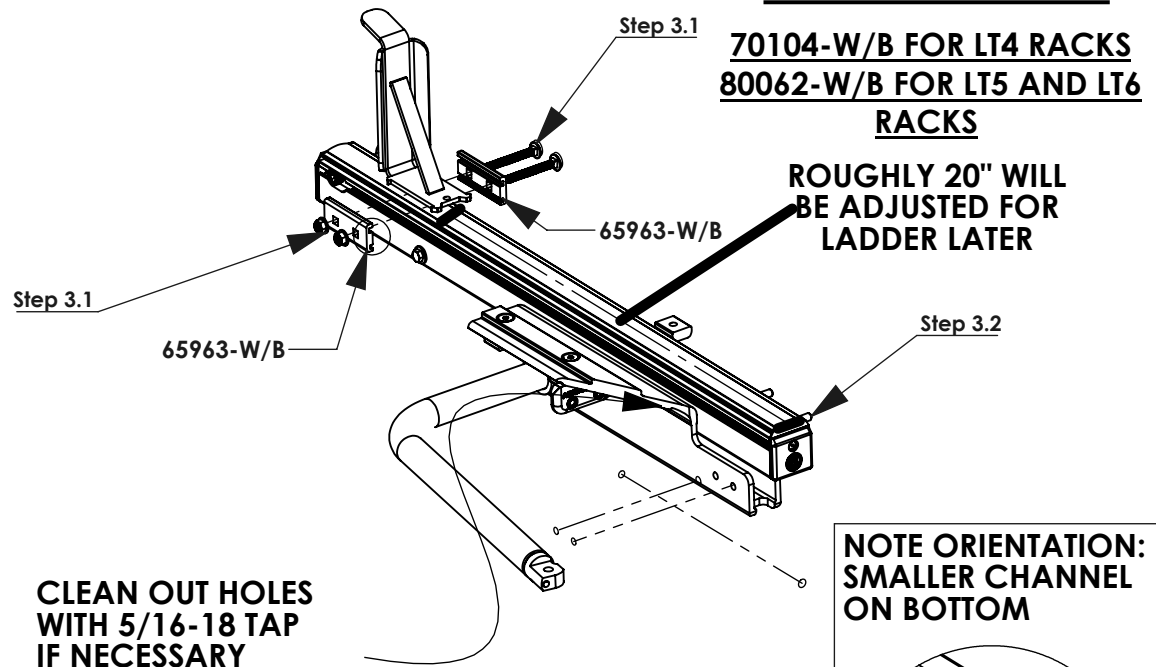
**STEP 2 - MOUNT INNER STOPS TO FRONT CROSSBOW****B.1**

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



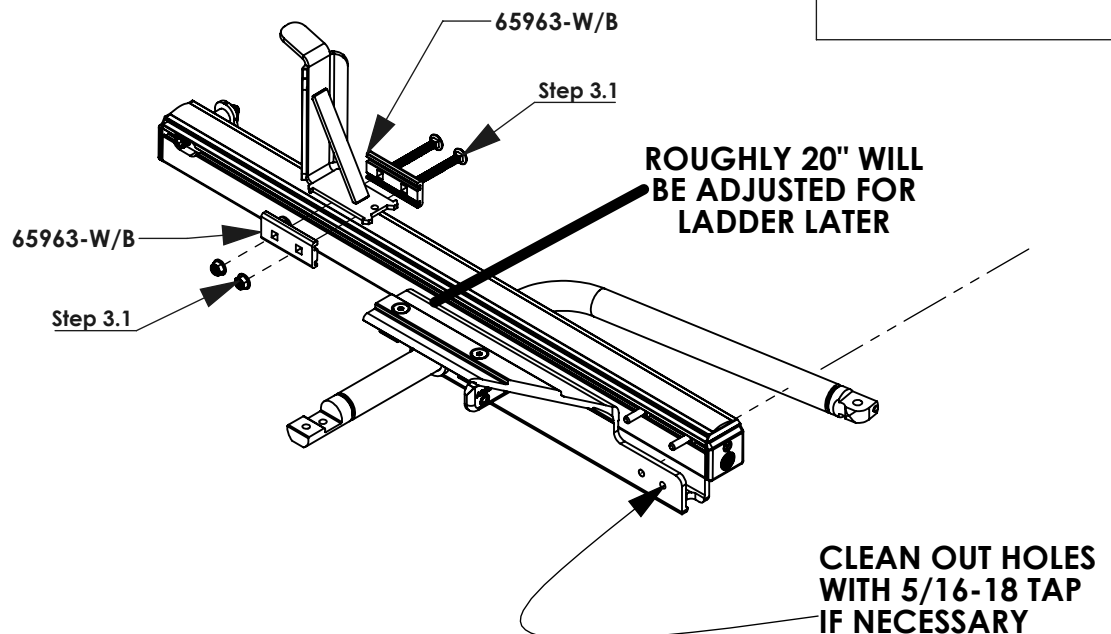
STEP 3 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES**REAR SUB-ASSEMBLY****PASSENGER SIDE**

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

**DRIVER SIDE**

70105-W/B FOR LT4 RACKS
80063-W/B FOR LT5 AND LT6 RACKS

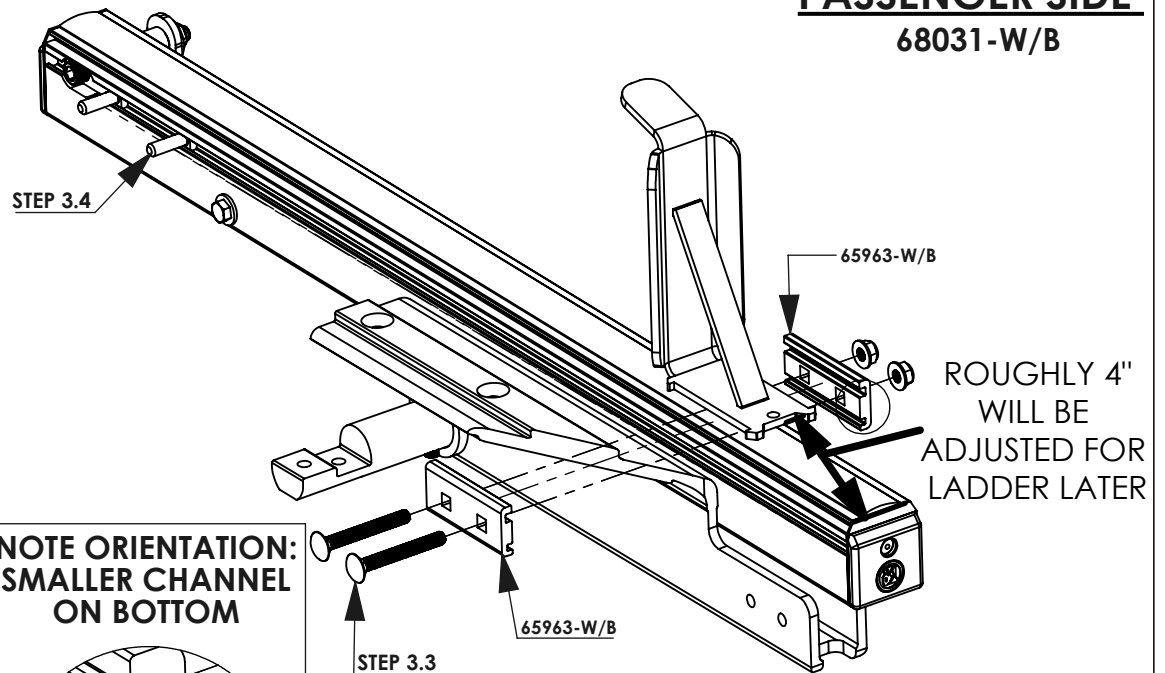
STEP 3.2
FAS0035
SLIDE INTO SLOT
(02 PLACES)



FRONT SUB-ASSEMBLY**PASSENGER SIDE**

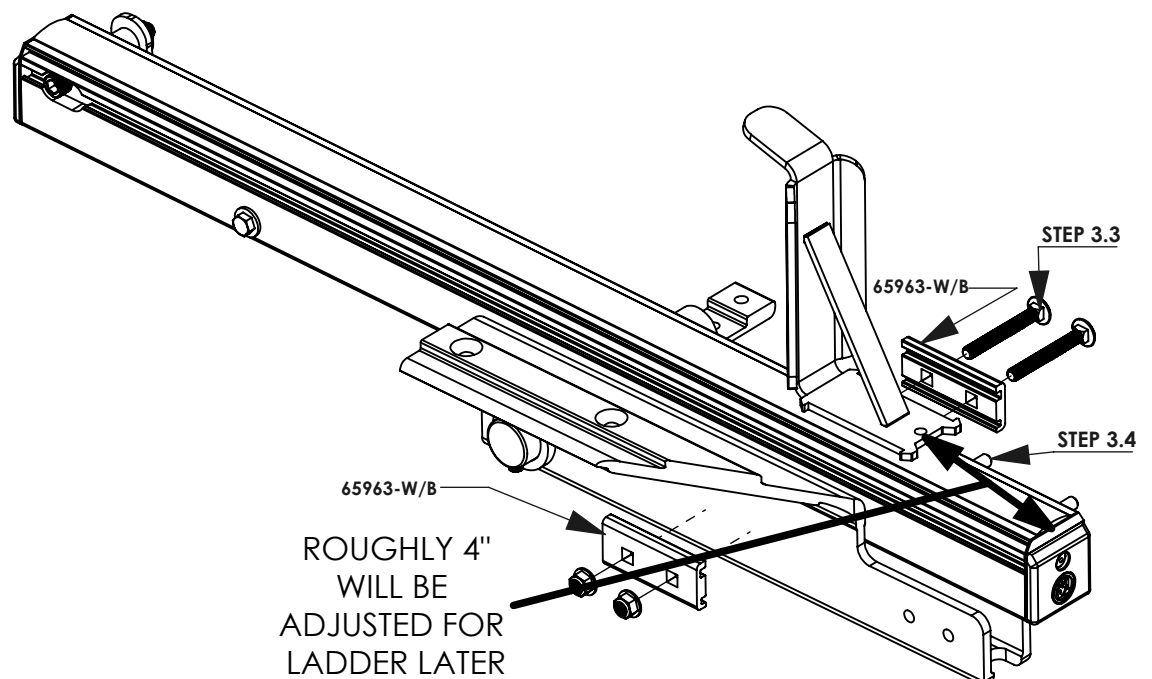
68031-W/B

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

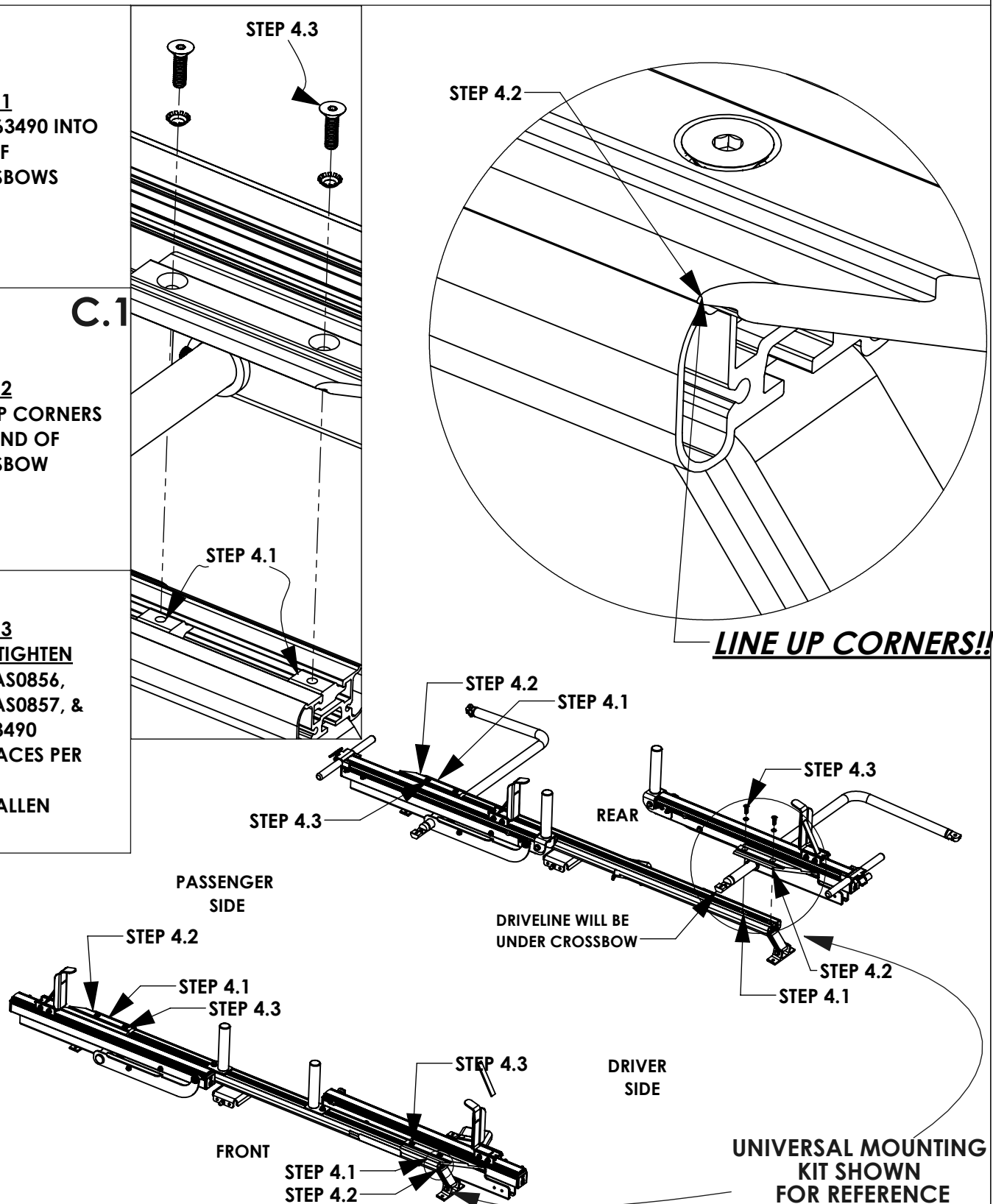
C.1

STEP 4.2

LINE UP CORNERS
WITH END OF
CROSSBOW

STEP 4.3

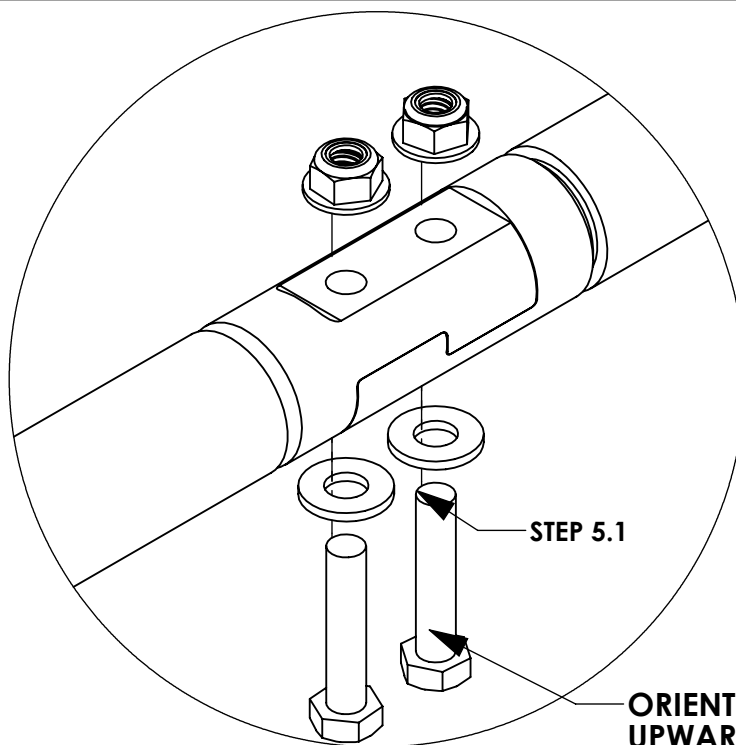
FULLY TIGHTEN
(02) FAS0856,
(02) FAS0857, &
(02) 63490
(02 PLACES PER
SIDE)
3/16" ALLEN



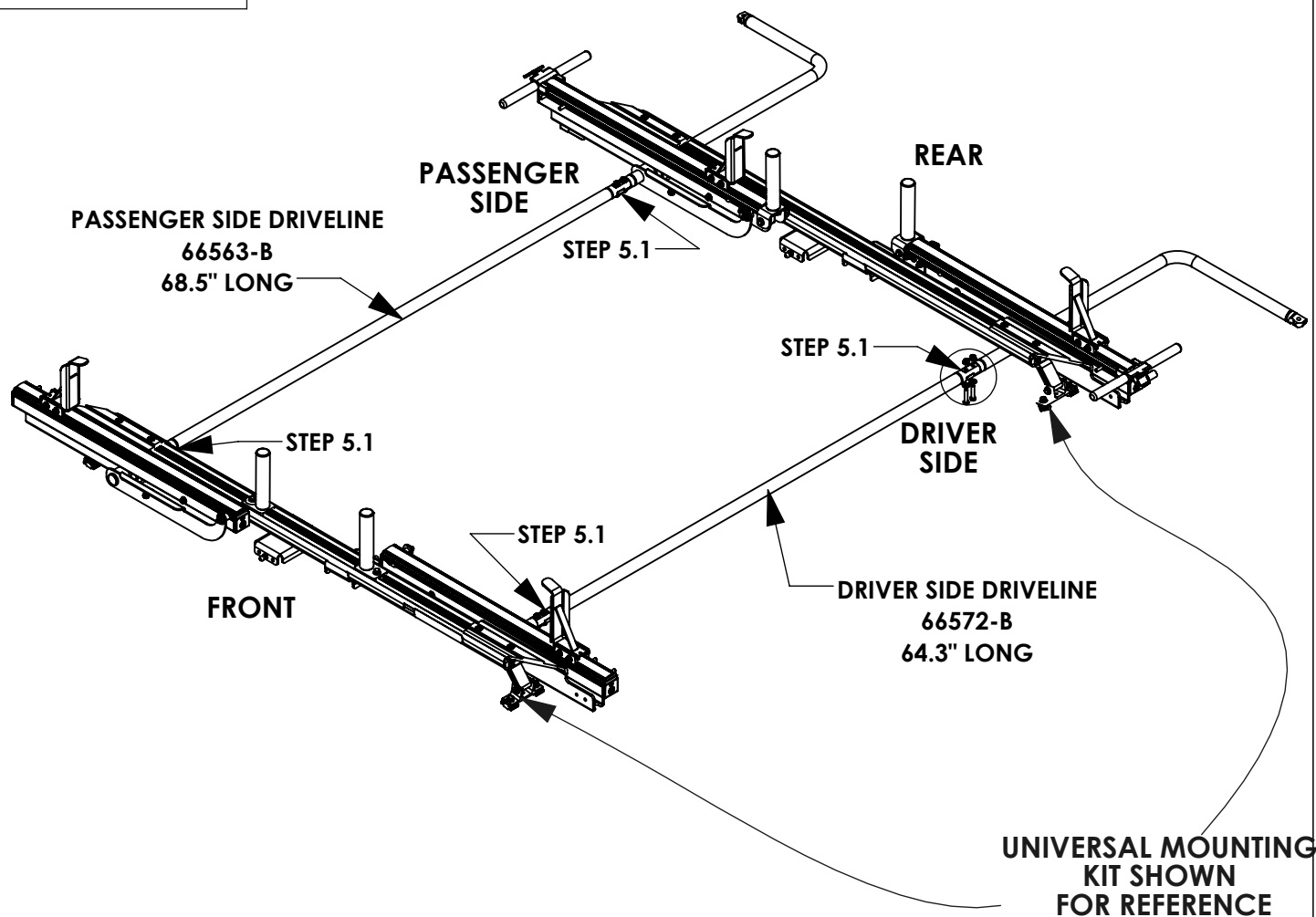
STEP 5 - INSTALL DRIVELINE

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



ORIENTATION OF BOLTS IS
UPWARDS FOR ASSEMBLY



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

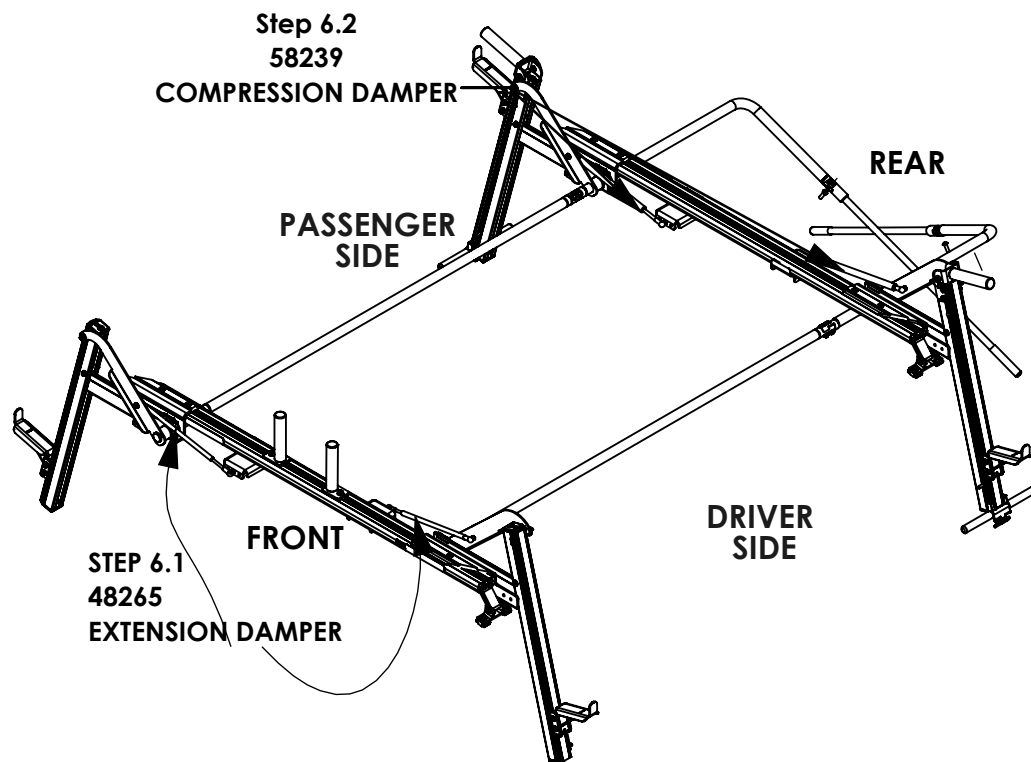
Step 6.1
ATTACH EXTENSION
DAMPERS (48625) TO
BALL STUDS.

ORIENTATION OF
DAMPER MATTERS!!!
(01 PLACE PER SIDE)

Step 6.2
ATTACH
COMPRESSION
DAMPERS (58239) TO
BALL STUDS.

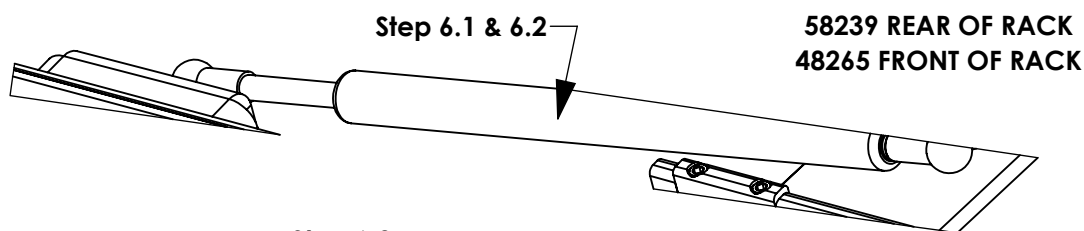
ORIENTATION OF
DAMPER MATTERS!!!
(01 PLACE PER SIDE)

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

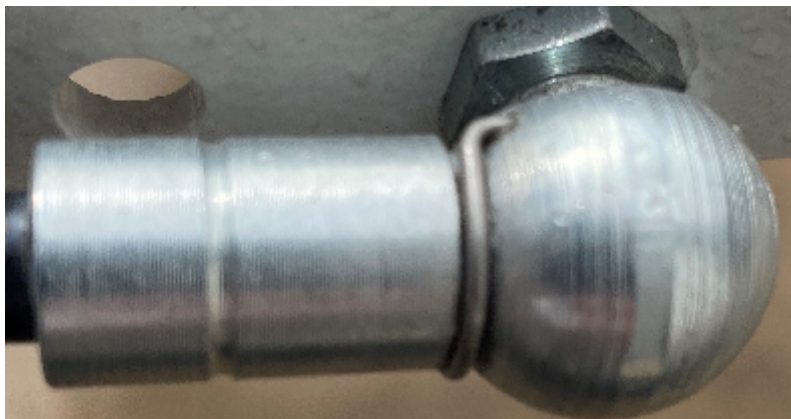
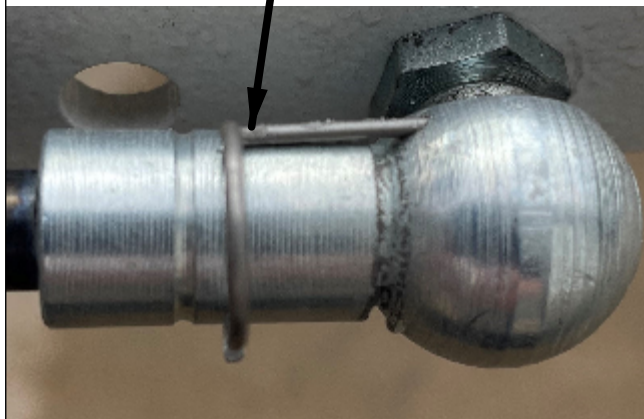


ORIENTATION OF DAMPER MATTERS!!!!

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

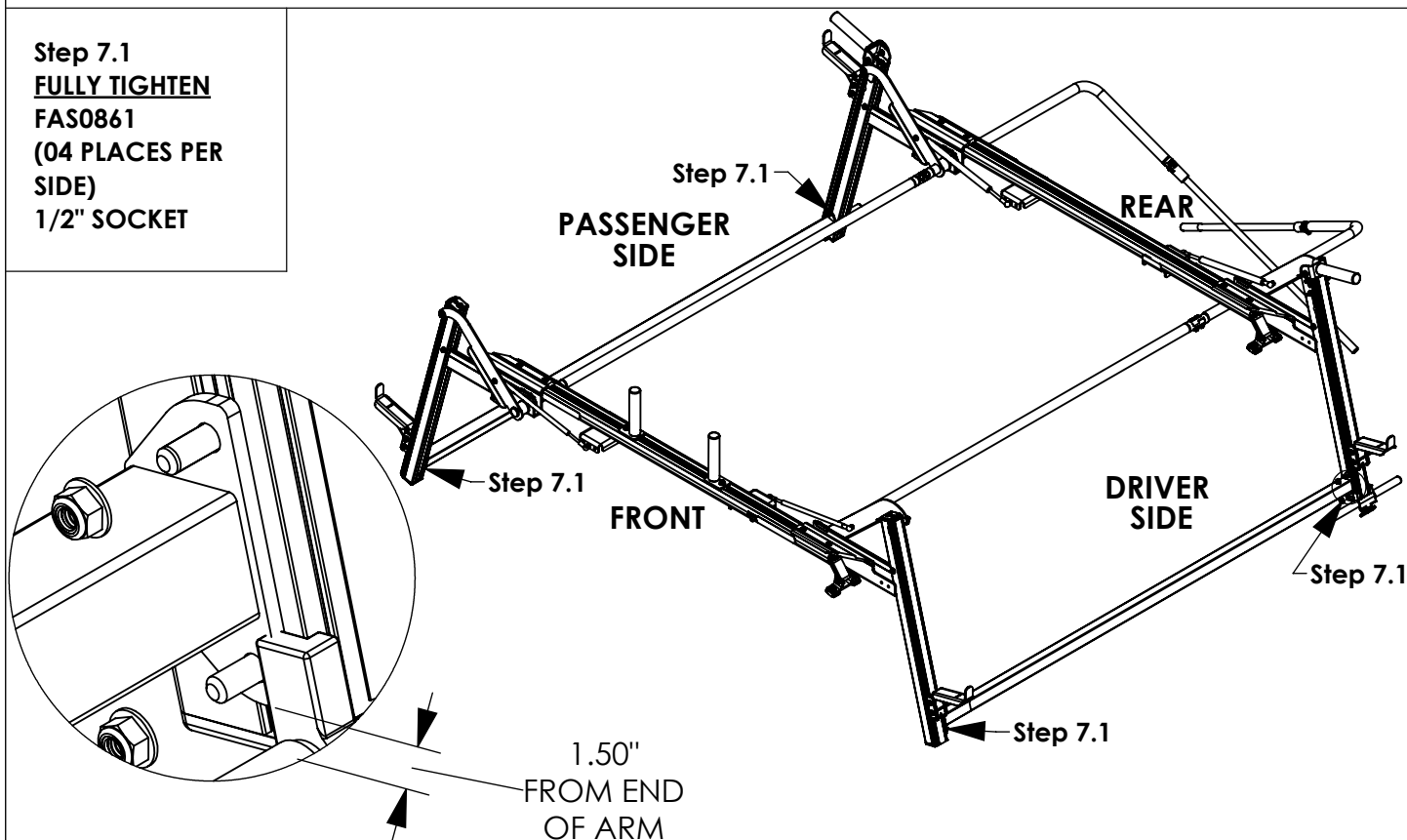


Step 6.3
34928-0

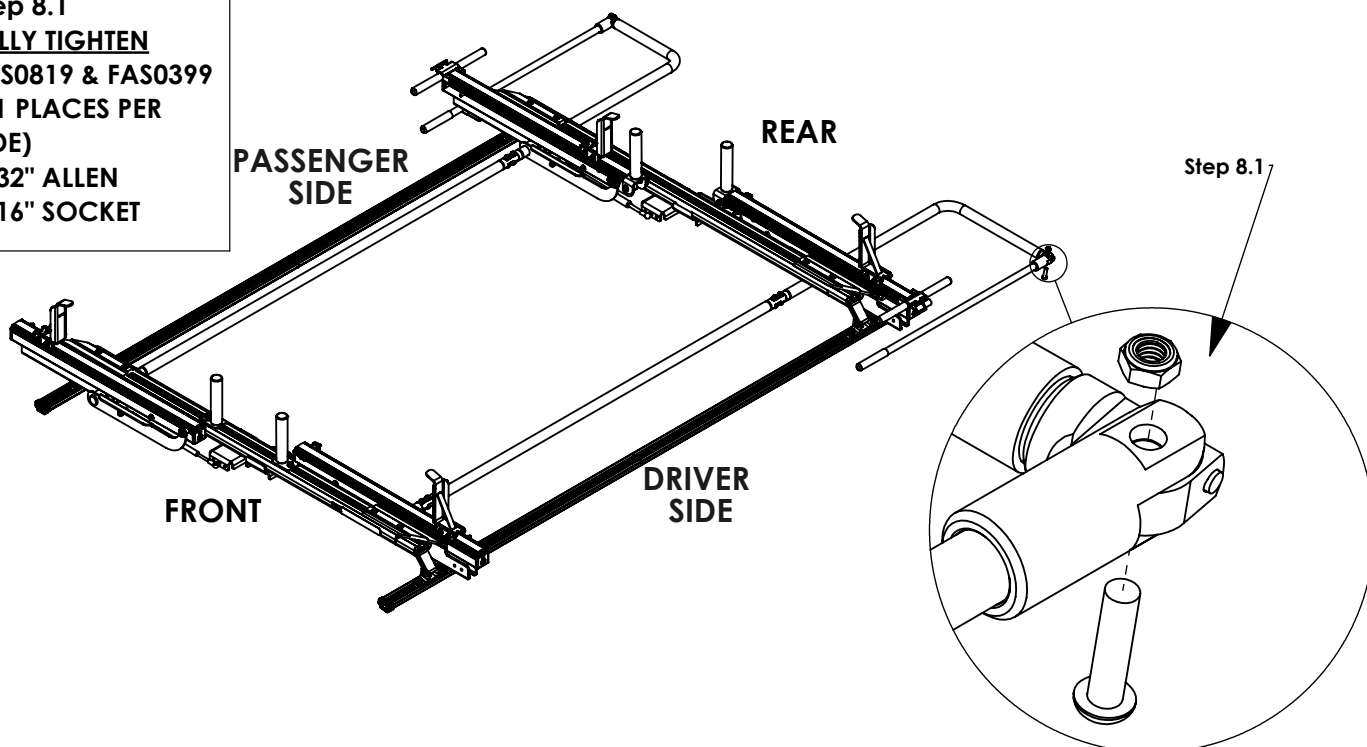


STEP 7 - WHILE RACK DEPLOYED INSTALL O.S. BAR

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



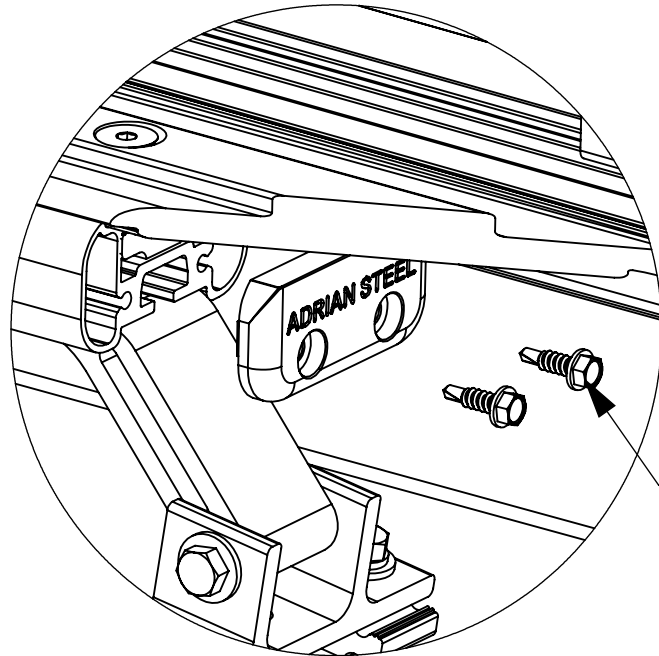
MAKE SURE ALL FASTENERS ARE TIGHTENED!!! INSTALLATION IS COMPLETE

STEP 9 - INSTALL CROSSBOW END CAPS**Step 9.1****FULLY TIGHTEN**

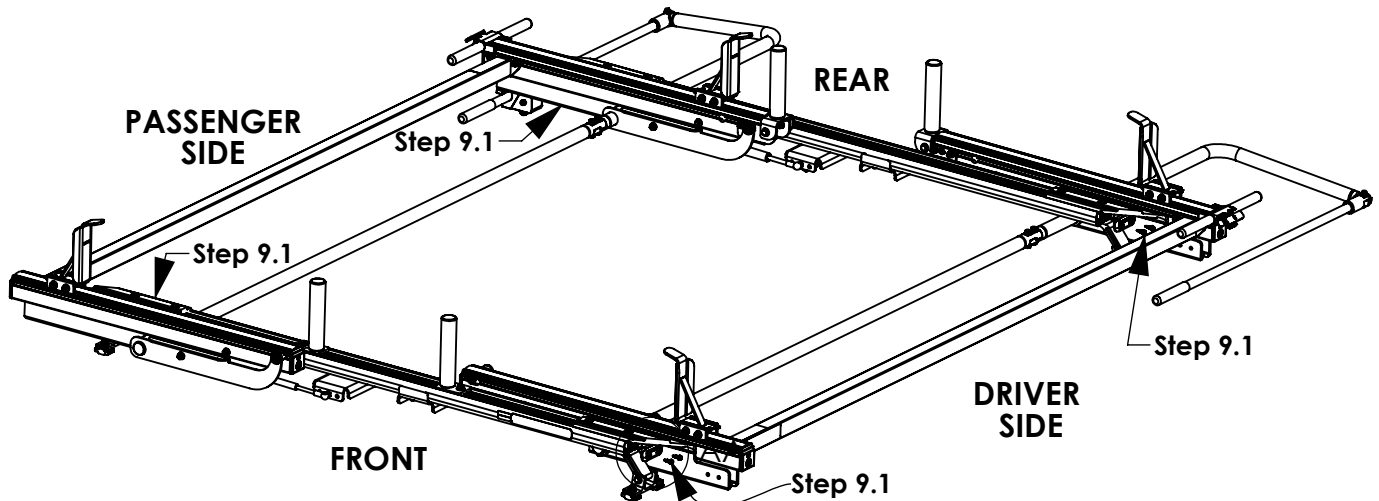
(02) FAS0473, 65961

(02 PLACES PER SIDE)

3/8" SOCKET

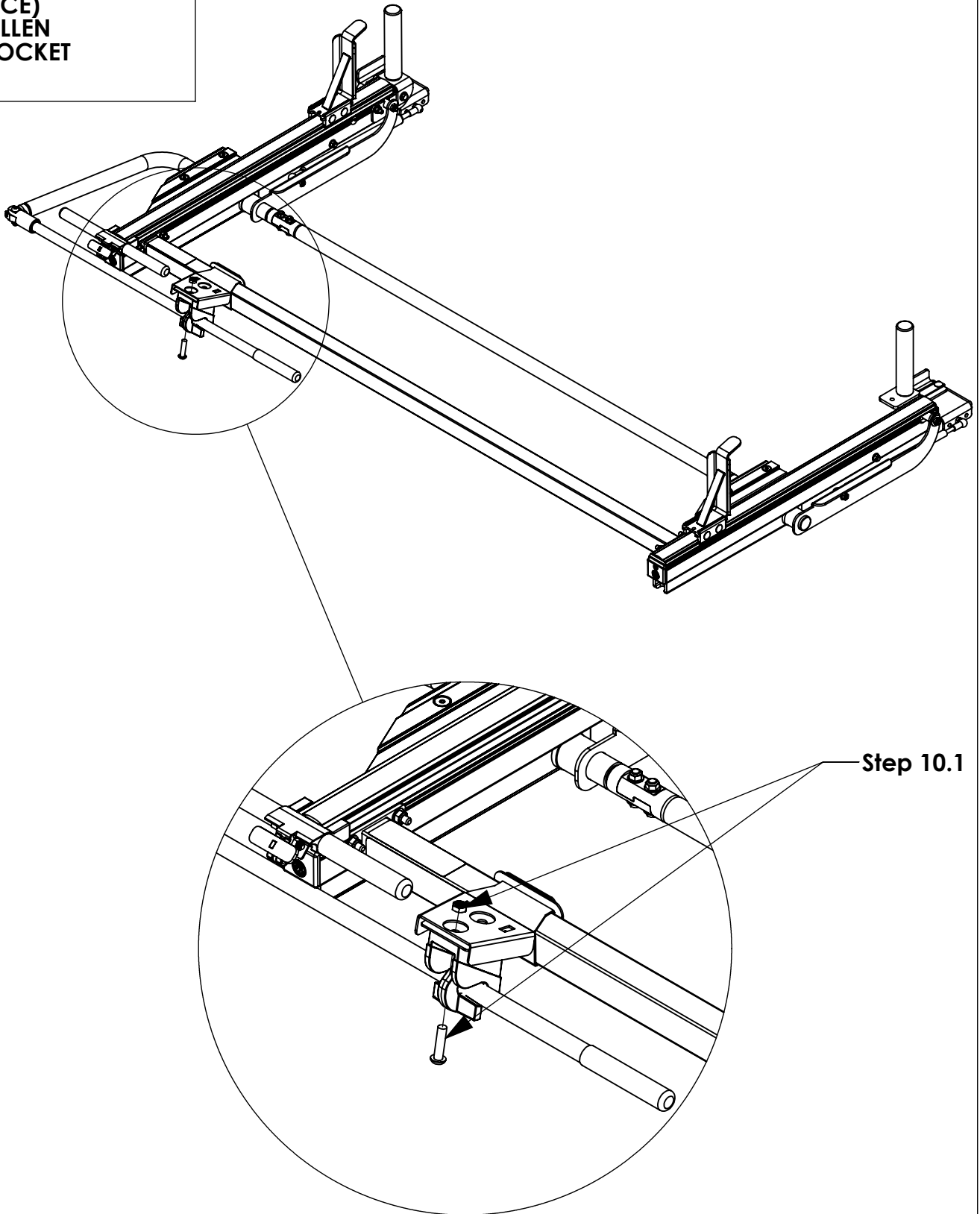


Step 9.1

**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





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



PRODUCT WEIGHT
13.4 LBS

CROSSBOW LENGTH X
HEIGHT

49" x 2"

CAPACITY

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

COLOR

BLACK

CATALOG NUMBER

2BARTOPB

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:
C



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 2T - 8T 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!

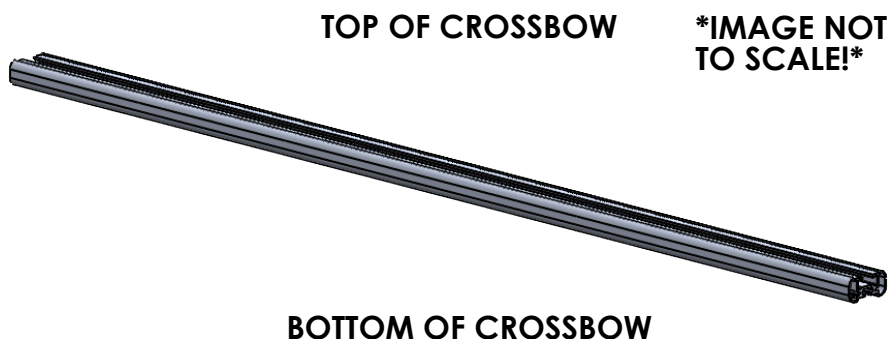


TABLE 1

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!

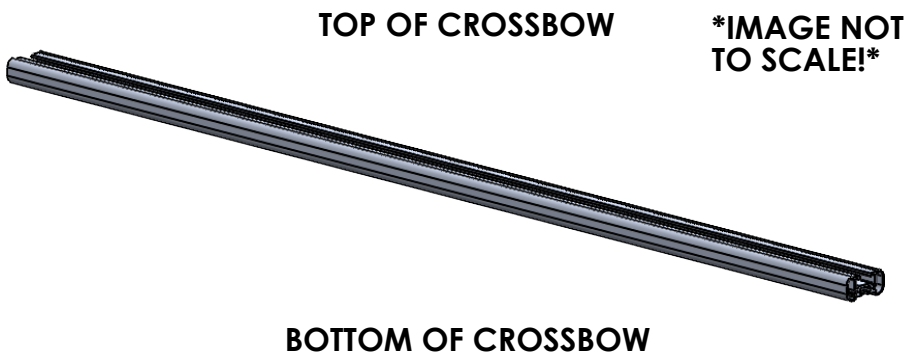


TABLE 2

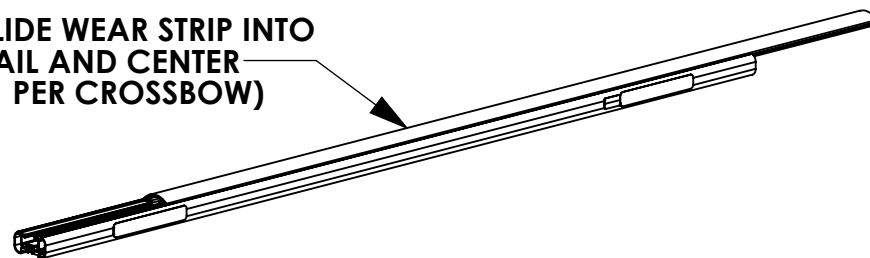
TOP OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.1	<u>HD UTILITY</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>Grip-Lock</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>ProLift</u>	- INNER STOP POST
BOTTOM OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.2	<u>HD UTILITY</u>	- MOUNTING BRACKETS
	<u>Grip-Lock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



SLIDE ONE SIDE OF WEAR STRIP INTO CROSSBOW, THEN ROLL OTHER SIDE TO SNAP STRIP INTO PLACE



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



TABLE 4

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

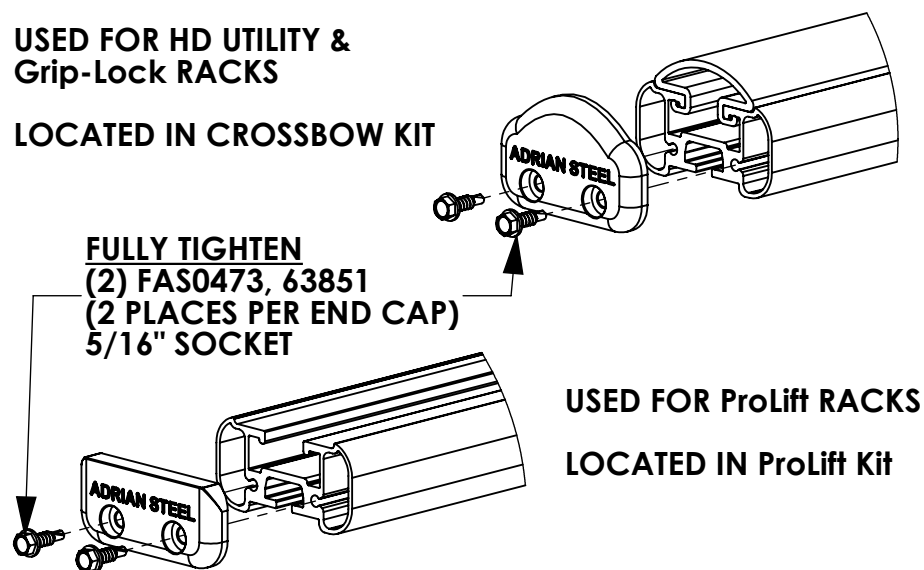
ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

- 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



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)

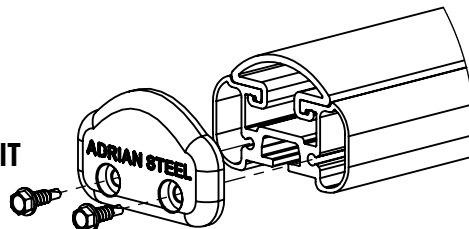
7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

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

