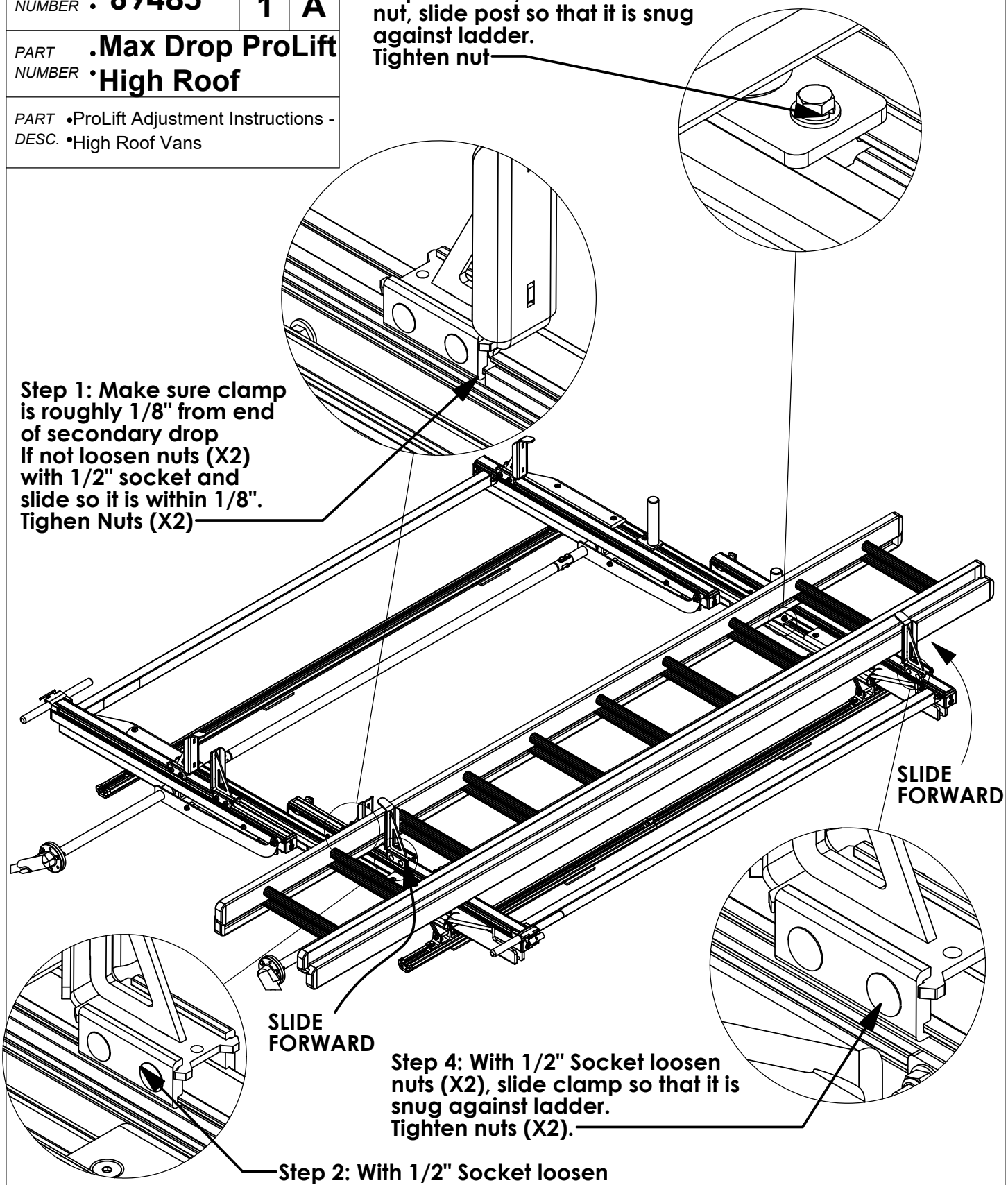
INSTR. NUMBER : 69485	PG: 1	REV: A
PART NUMBER .Max Drop ProLift •High Roof		
PART DESC. •ProLift Adjustment Instructions - •High Roof Vans		



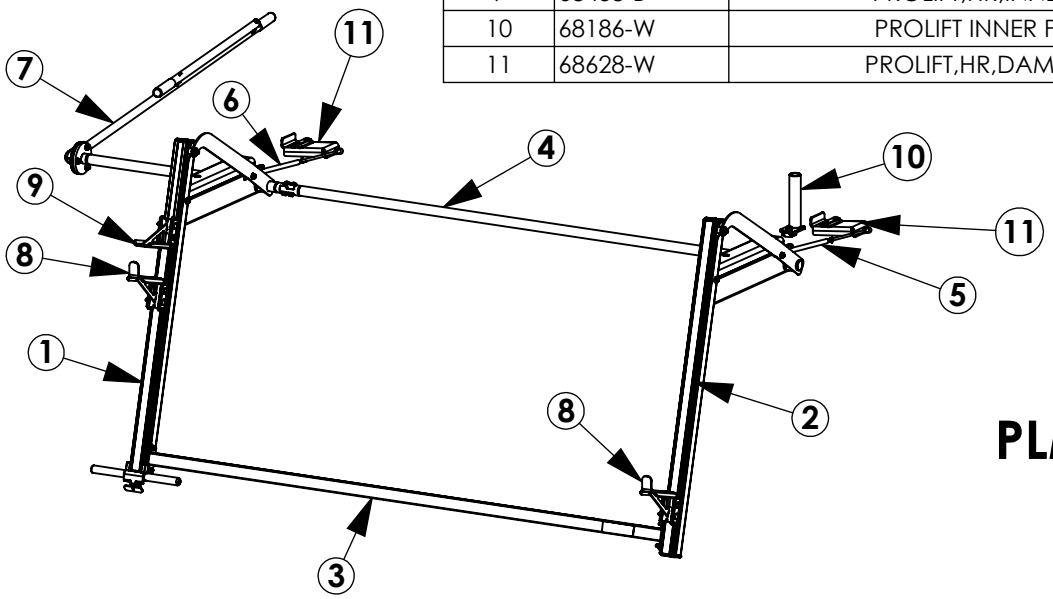
Once all brackets are adjusted operate rack to make sure clamps are not too tight

INSTR. NUMBER	PG:	REV:
68627	1	B

PART NUMBER • PLMDPSH
PART NUMBER • PLMDDSH

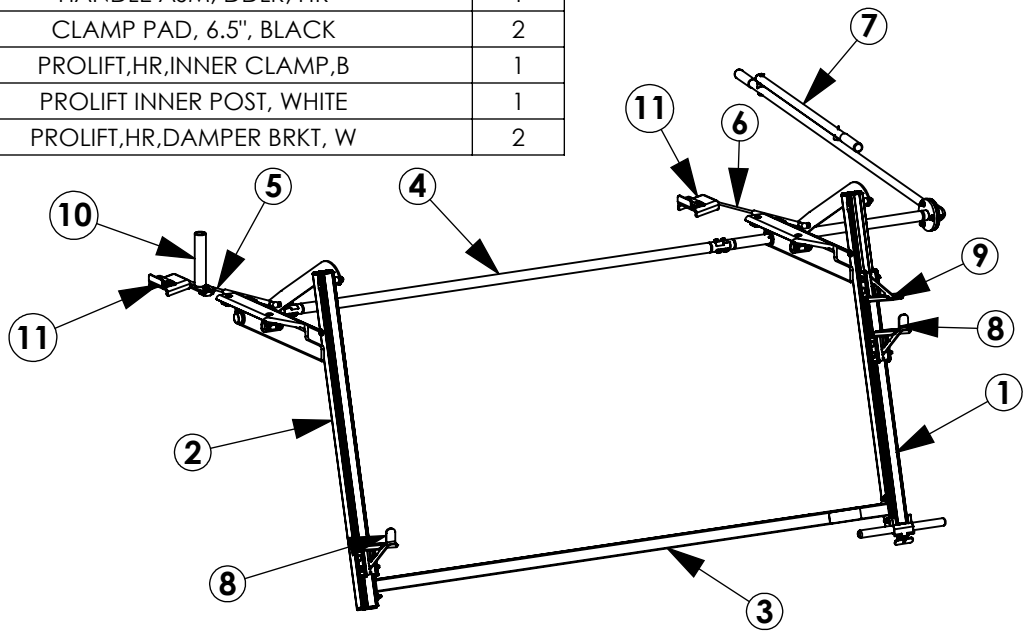
PART DESC. • PROLIFT,MAX,PS,HR
PART DESC. • PROLIFT,MAX,DS,HR

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	68400-W	PROLIFT,HR,DROP ASM,PS,RR, WHITE	1
2	68399-W	PROLIFT,HR,DROP ASM,PS,FR, WHITE	1
3	66959-W	DROP DOWN OUTER BAR, WELDMENT, WHITE	1
4	66572-B	DROP DOWN, CS CENTER DRIVELINE, BLK	1
5	48265	DAMPER ASSEMBLY	1
6	58239	COMPRESSION DAMPER	1
7	56330	HANDLE ASM, DDLR, HR	1
8	68037-B	CLAMP PAD, 6.5", BLACK	2
9	68458-B	PROLIFT,HR,INNER CLAMP,B	1
10	68186-W	PROLIFT INNER POST, WHITE	1
11	68628-W	PROLIFT,HR,DAMPER BRKT, W	2



PLMDPSHW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	68402-W	PROLIFT,HR,DROP ASM,DS,RR, WHITE	1
2	68401-W	PROLIFT,HR,DROP ASM,DS,FR, WHITE	1
3	66959-W	DROP DOWN OUTER BAR, WELDMENT, WHITE	1
4	66563-B	DROP DOWN, SS CENTER DRIVELINE, BLK	1
5	48265	DAMPER ASSEMBLY	1
6	58239	COMPRESSION DAMPER	1
7	56330	HANDLE ASM, DDLR, HR	1
8	68037-B	CLAMP PAD, 6.5", BLACK	2
9	68458-B	PROLIFT,HR,INNER CLAMP,B	1
10	68186-W	PROLIFT INNER POST, WHITE	1
11	68628-W	PROLIFT,HR,DAMPER BRKT, W	2



PLMDDSHW

A.2 B.1 C.1 - PROFILE SERIES CROSSBOW SUB-ASSEMBLY INSTALLATION ORDER (TABLE 68895-1 & FIG. 68895-1)

BEST PRACTICES

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

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

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

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

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

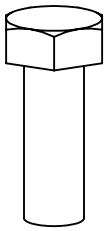
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

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

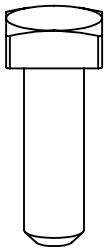
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

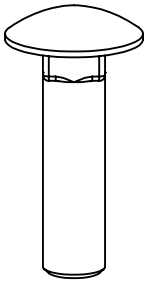
FASTENERS USED



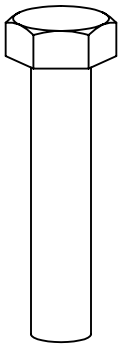
FAS0283
SCREW,HH
5/16-18X.875
QTY: 1



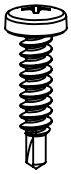
FAS0035
BOLT, SQ HD
5/16-18X1.0
QTY: 4



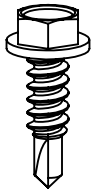
FAS0812
BOLT, CRG
5/16-18X1.25
QTY: 4



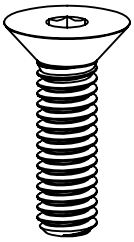
FAS0242
SCREW,HH
5/16-18X1.5
QTY: 4



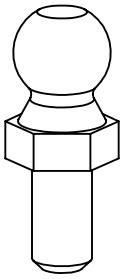
FAS0782
SCREW,THP TEK
#8X.75
QTY: 3



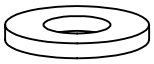
FAS0473
SCREW,HH TEK
#12X.75
QTY: 4



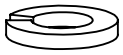
FAS0856
SCREW,FHH
5/16-18X1.125
QTY: 4



34927-0
SCREW,FHH
5/16-18X1.125
QTY: 2

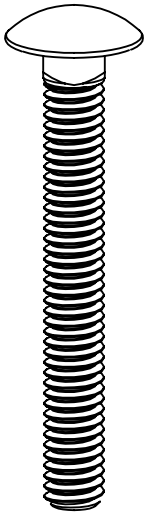


FAS0552
WASHER, FLAT
USS 5/16
QTY: 5

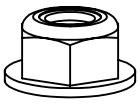


FAS0588
WASHER, LCK
SPLIT 5/16
QTY: 1

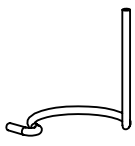
FAS0857
WASHER, LCK EXT
CS 5/16
QTY: 4



FAS0838
BOLT, CRG
5/16-18X2.5
QTY: 6

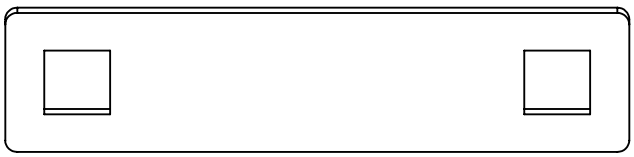


FAS0861
NUT,HEX NLK
FLG 5/16-18
QTY: 20

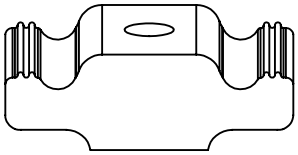


34928-0
CLIP,SPRING,
RETAINER 13MM
QTY: 4

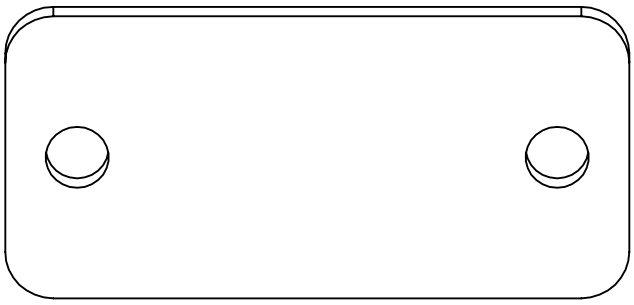
HARDWARE USED



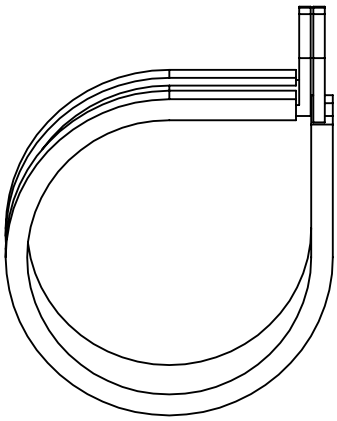
64830
REAR ROLLER,
BOLT PLATE
QTY: 2



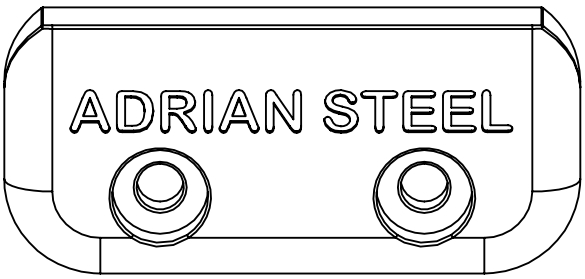
63490
RAIL SLIDE,
1"
QTY: 5



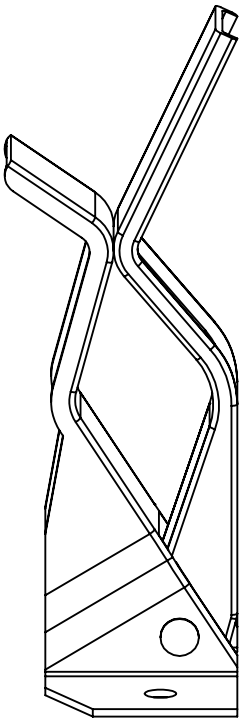
64831
REAR ROLLER,
SPACER
QTY: 2



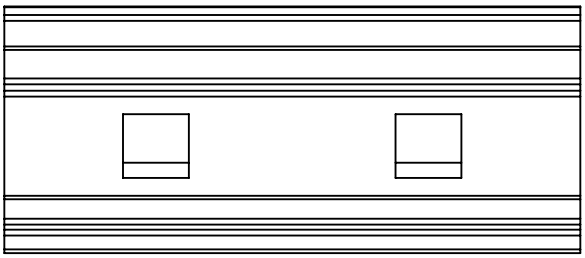
34921-0
CLAMP, CABLE
1-1/2"
QTY: 1



65961
DROP DOWN
END CAP
QTY: 2



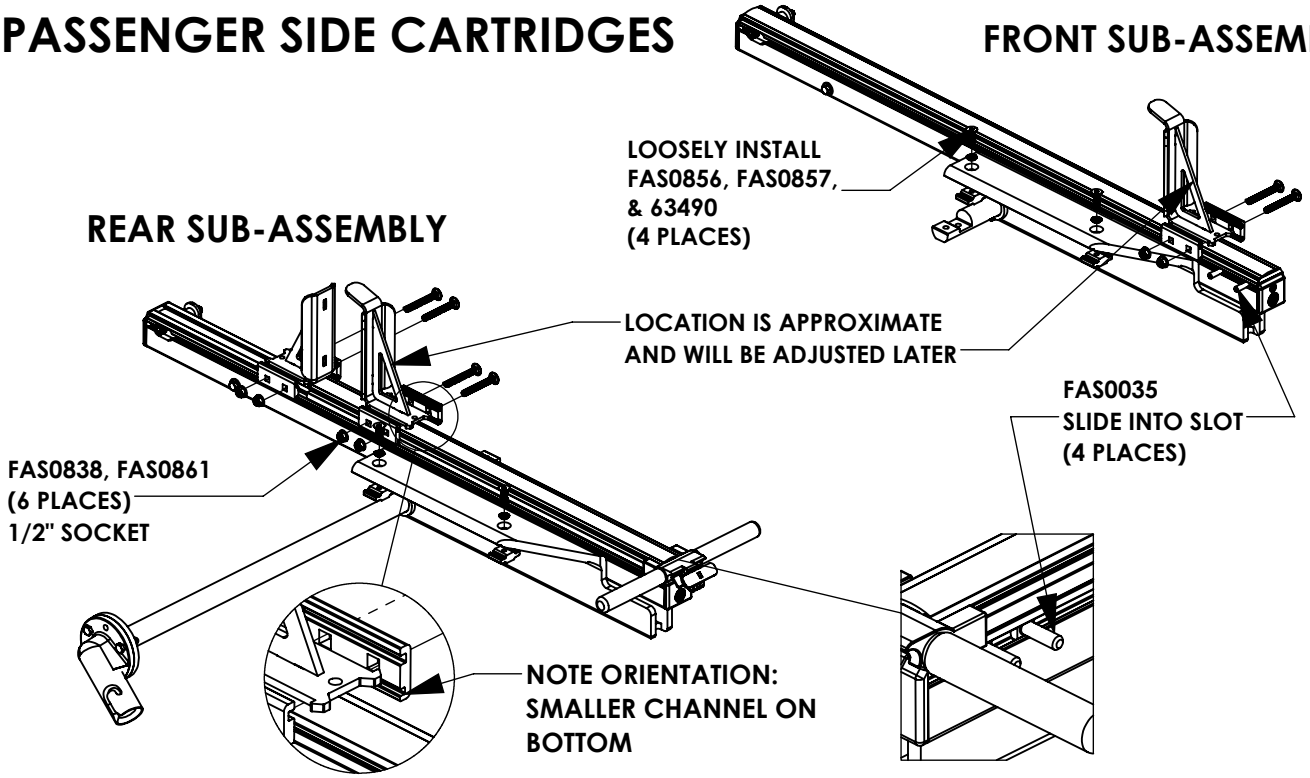
34922-0
HOLDER, TOOL
QTY: 1



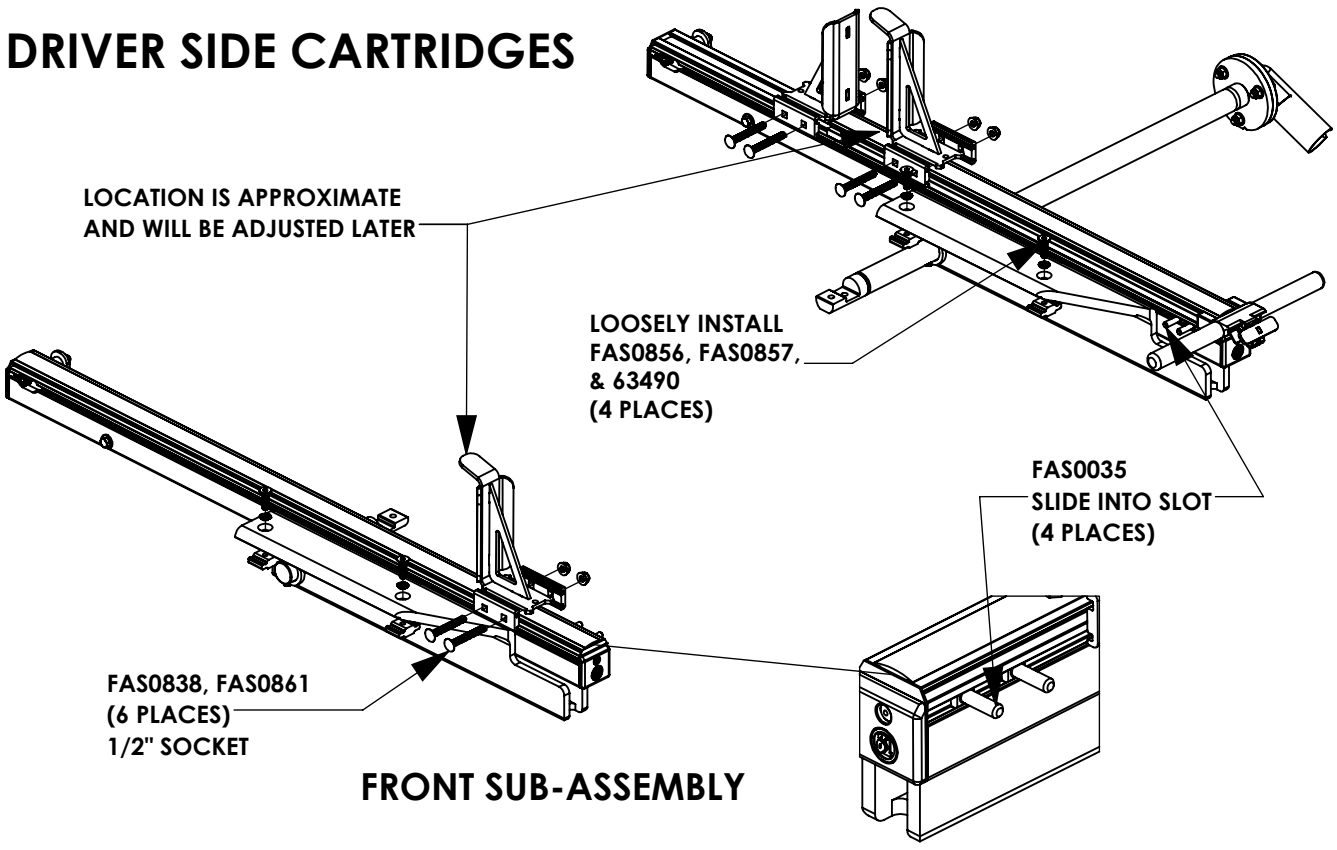
65963-W
STOP CLAMP
QTY: 6

BEGIN ASSEMBLY
STEP 1 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES

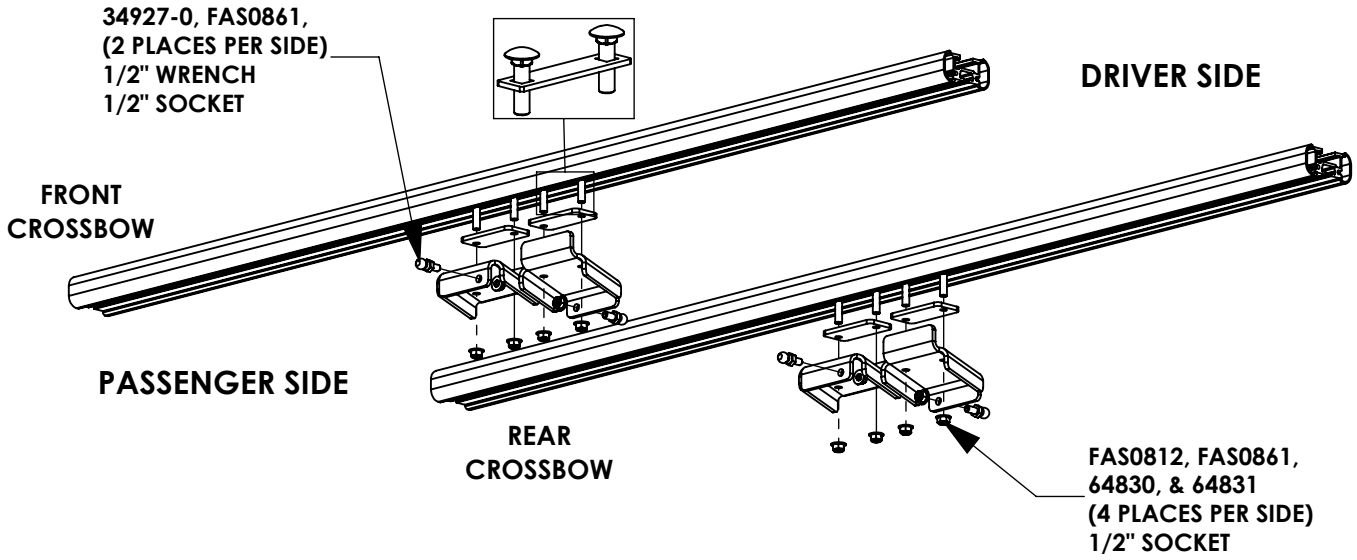
PASSENGER SIDE CARTRIDGES

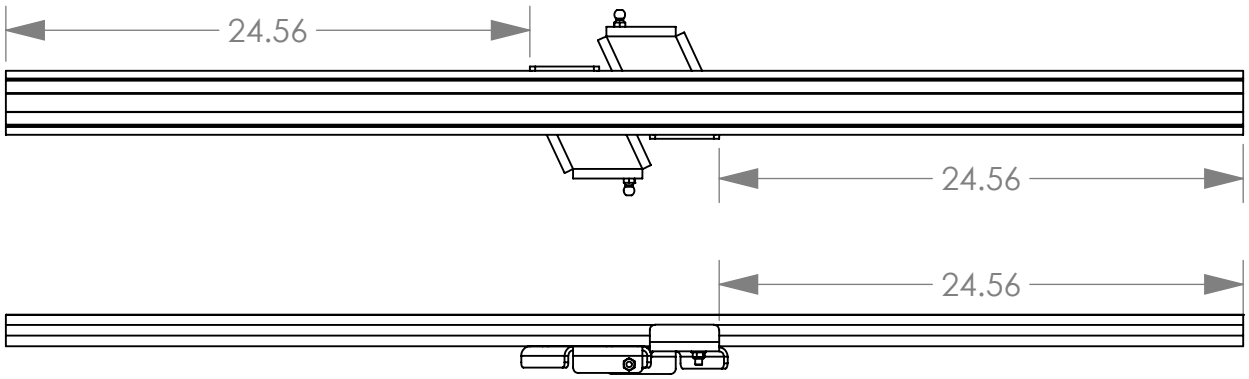


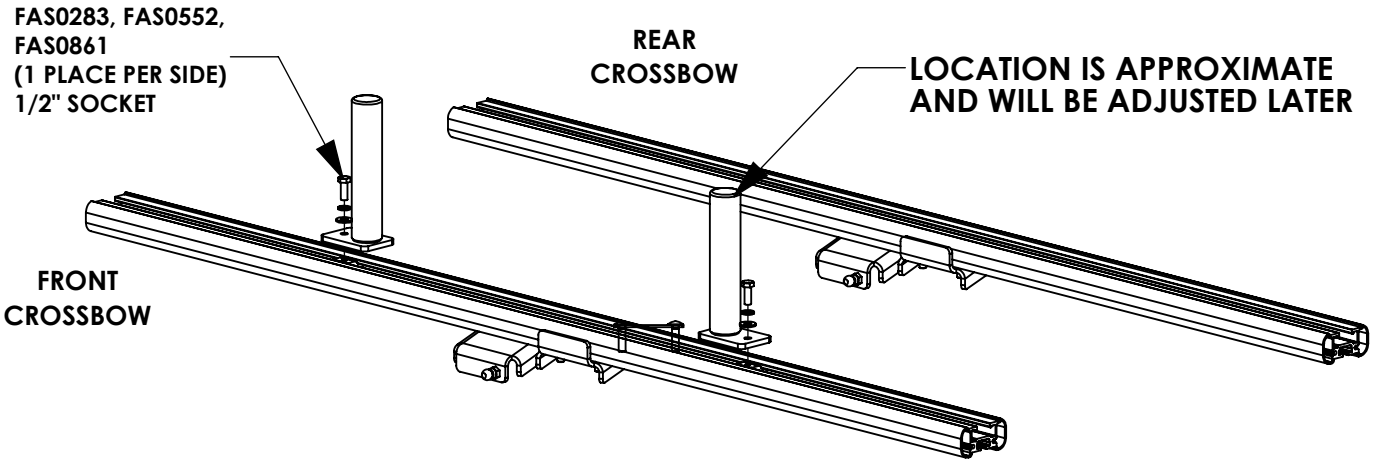
DRIVER SIDE CARTRIDGES



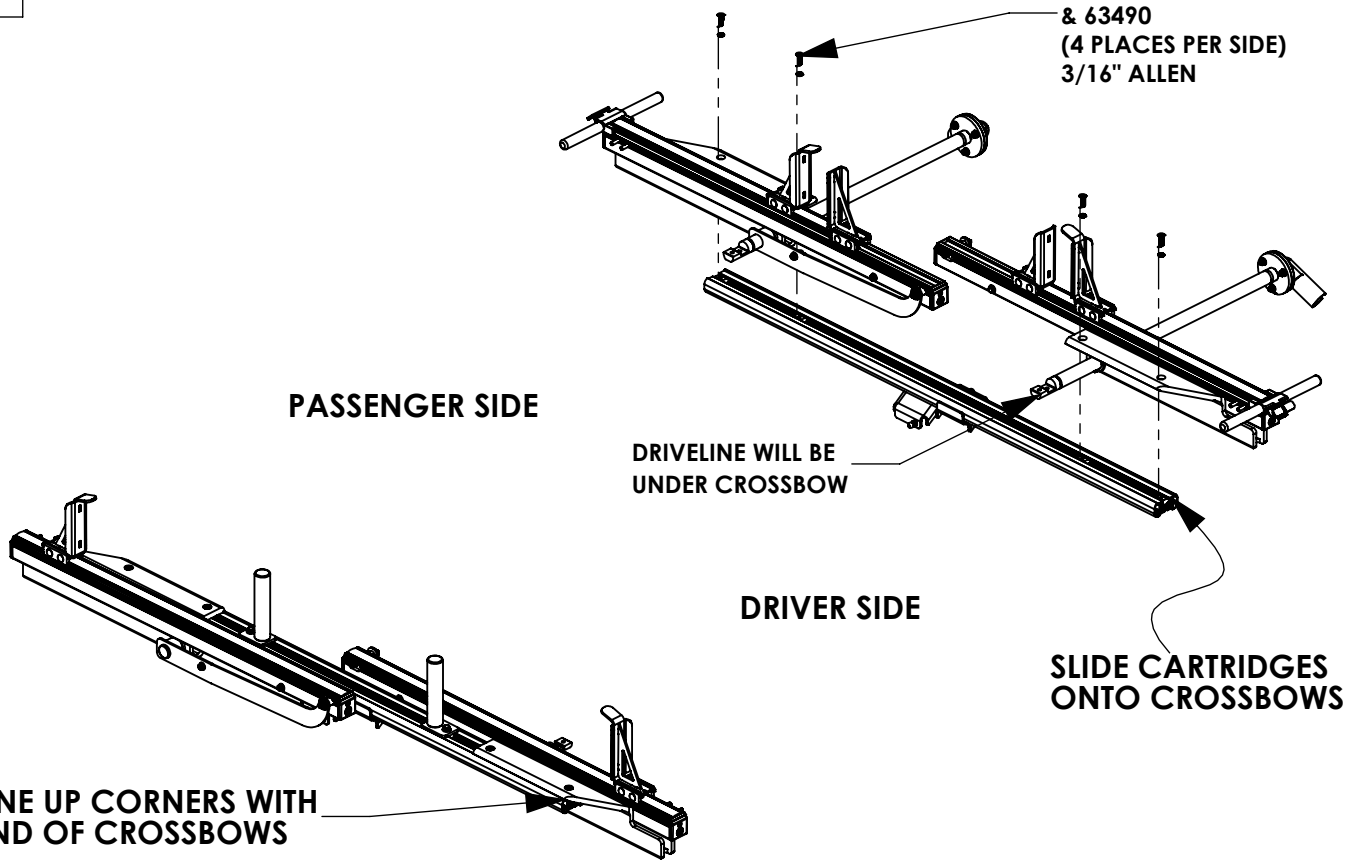
STEP 2 - MOUNT DAMPER BRACKETS AND INNER STOPS TO CROSSBOWS



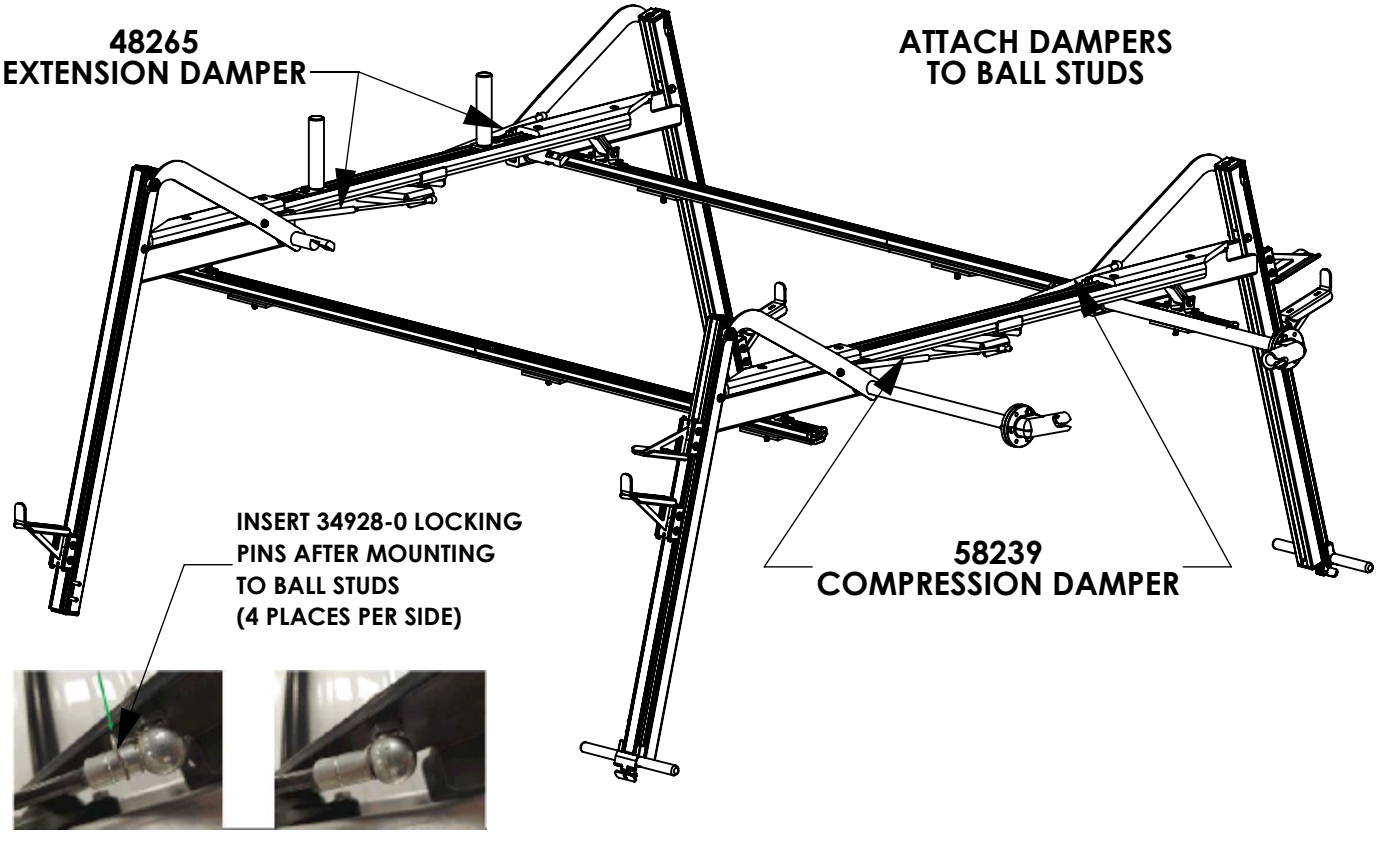




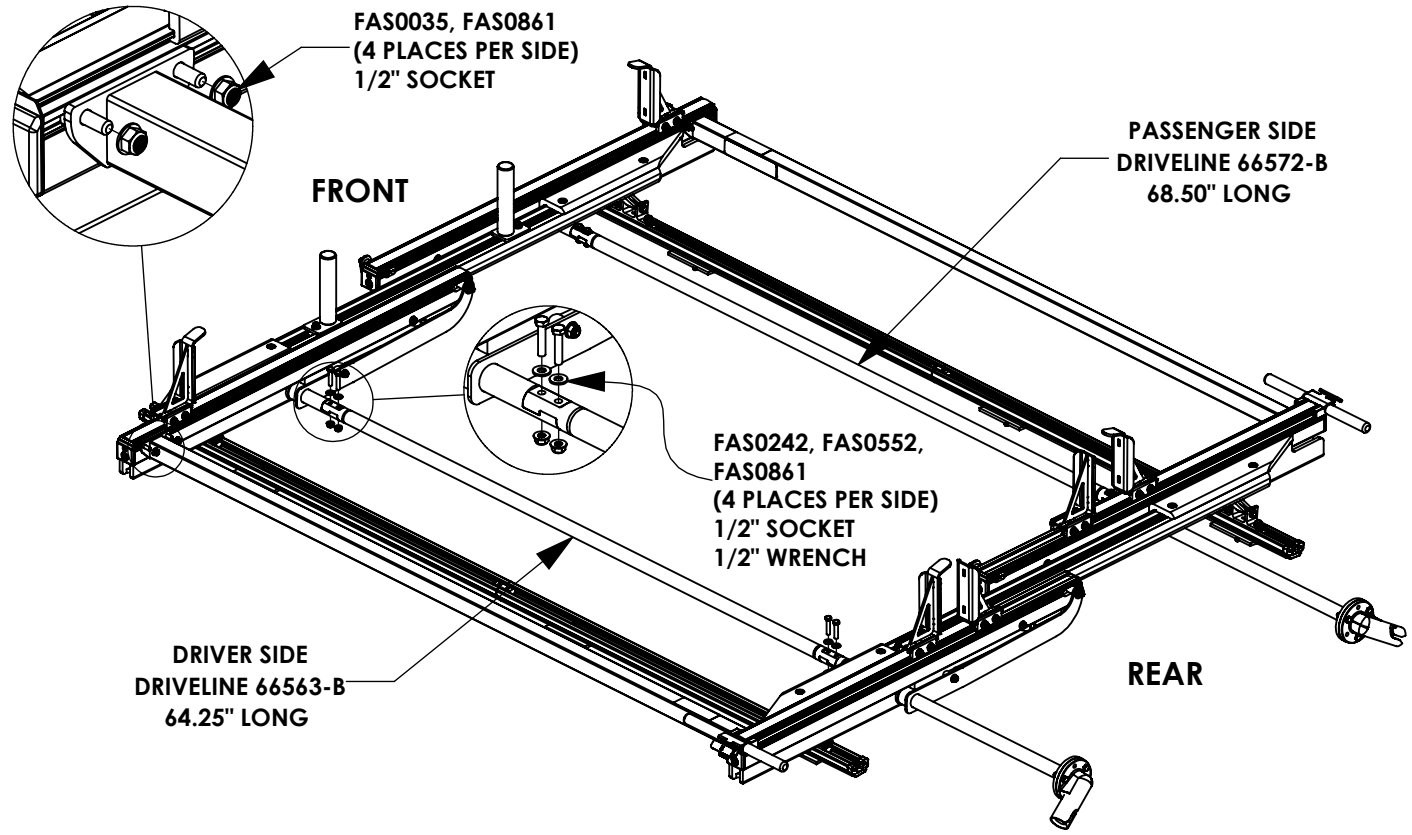
STEP 3 - INSTALL CARTRIDGES ON CROSSBOWS



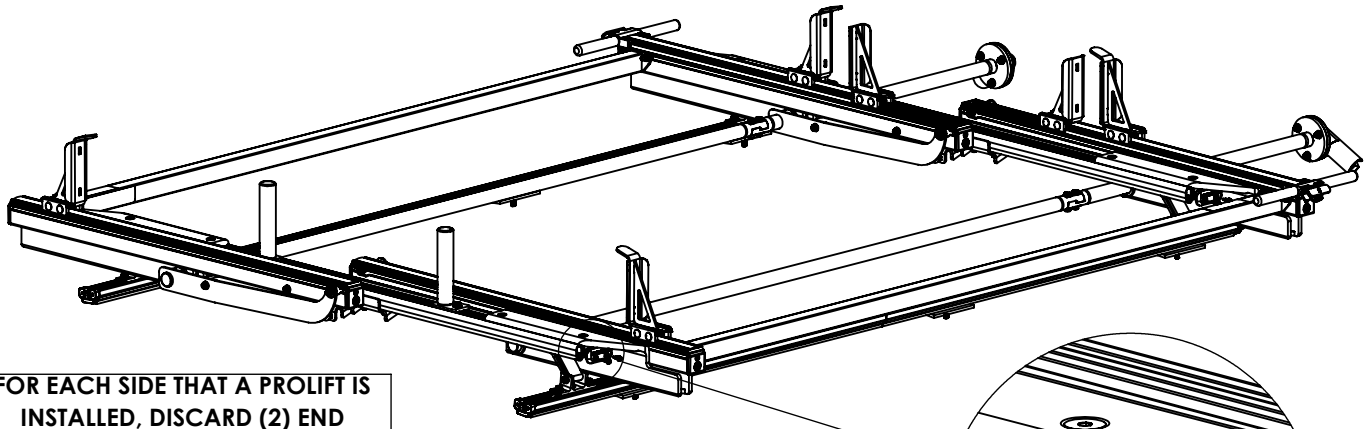
STEP 4 - INSTALL DAMPERS



STEP 5 - INSTALL DRIVELINE AND O.S. BAR

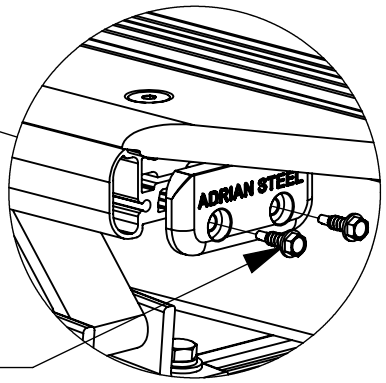


STEP 6 - INSTALL CROSSBOW END CAPS



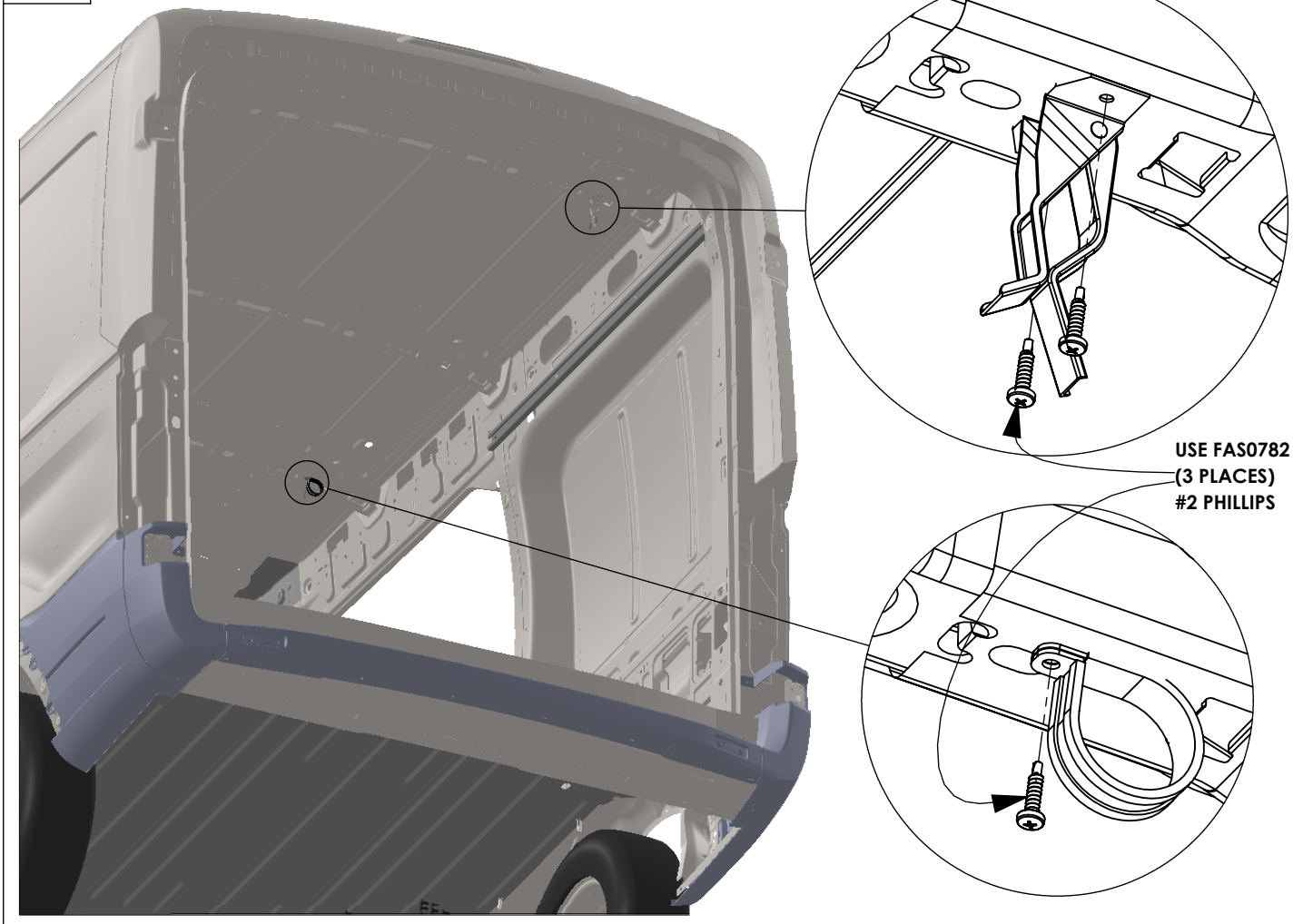
FOR EACH SIDE THAT A PROLIFT IS INSTALLED, DISCARD (2) END CAPS THAT ARE INCLUDED WITH THE CROSSBOW KIT.

SHOWN BELOW:

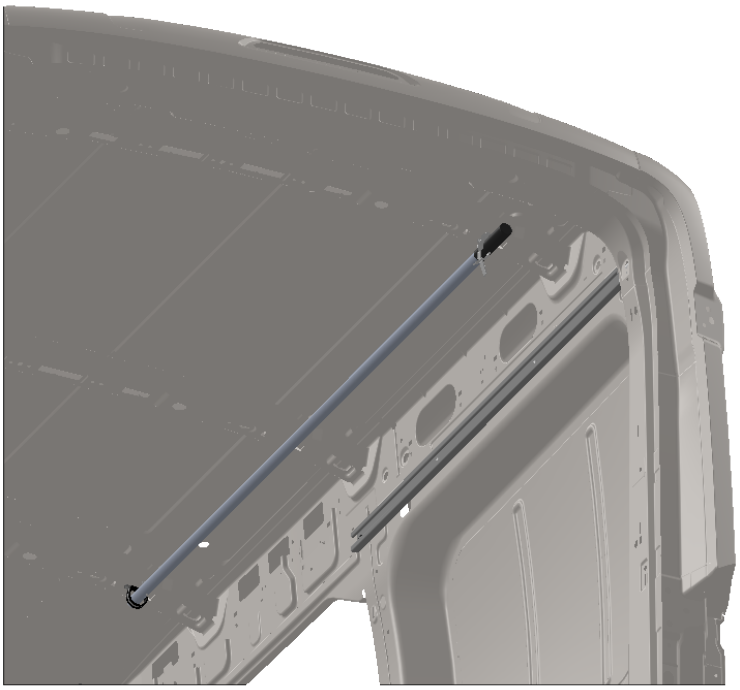


65961, (2) FAS0473
(2 PLACES PER SIDE)
5/16" SOCKET

STEP 7 - INSTALL HANDLE STORAGE HARDWARE



STEP 8 - CLIP HANDLE INTO STORAGE CLIP

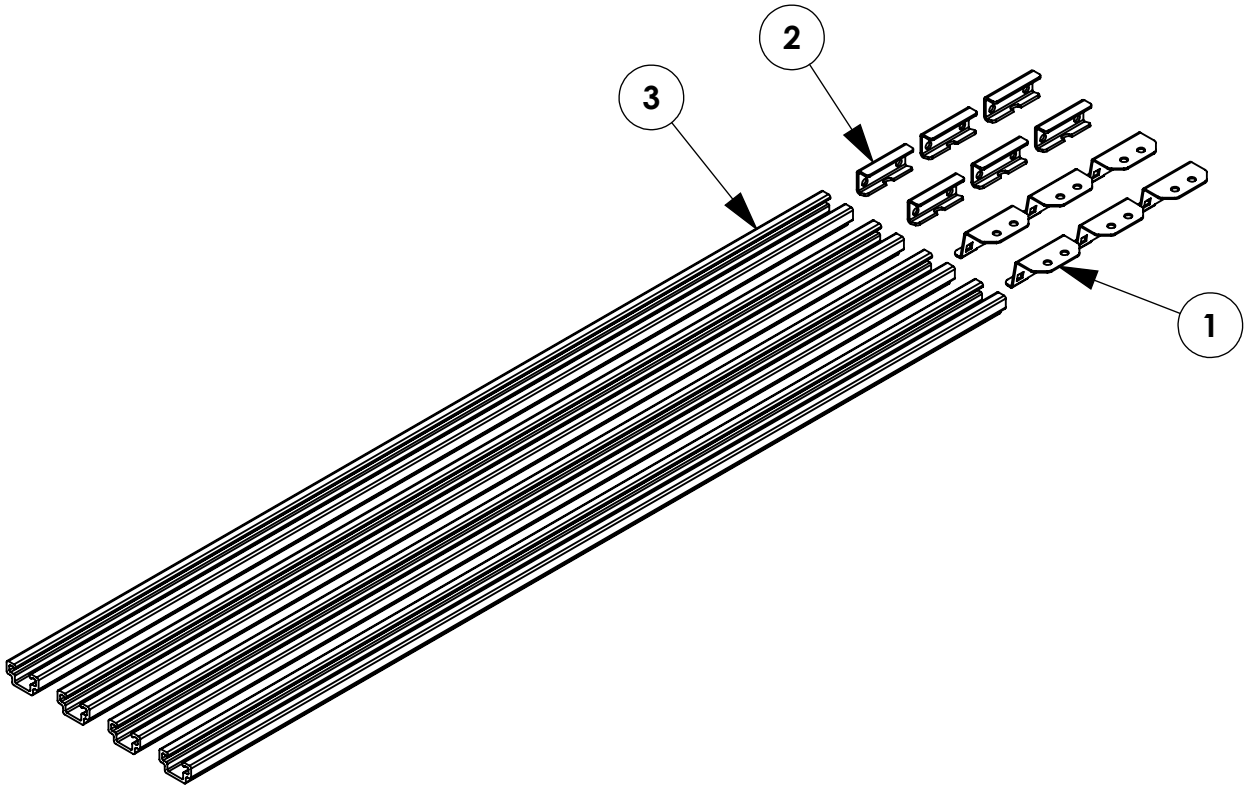


INSTR. NUMBER	PG:	REV:
: 67270	1	C

PART NUMBER : **RRKPM**

PART DESC. • ROOF RAIL KIT, PROMASTER FSV

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	63386	Foot Clamp 2, Promaster	6
2	63387	Foot Clamp, Promaster	6
3	63373	ROOF RAIL PM 118, 159, 159EXT	4



BEST PRACTICES

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

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

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

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

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

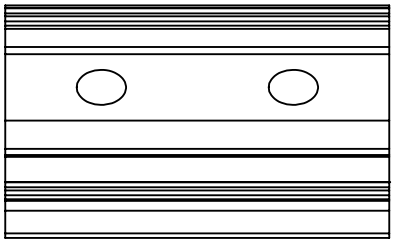
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

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

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

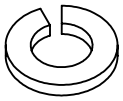
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

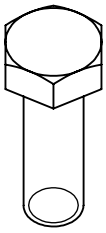


63491
RAIL CONNECTOR, 2"
QTY: 8

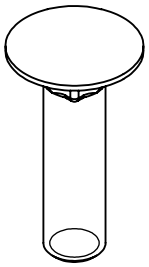
FAS0497
SET SCREW SS
5/16-18X.75
QTY: 4



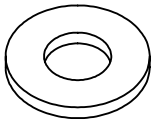
FAS0588
WASHER, LOCK SPLIT
5/16 SS
QTY: 12



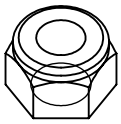
FAS0597
SCREW, HEX HD
5/16-18X1.00 SS
QTY: 12



FAS0812
BOLT, CARRIAGE
5/16-18X1.25 SS
QTY: 12

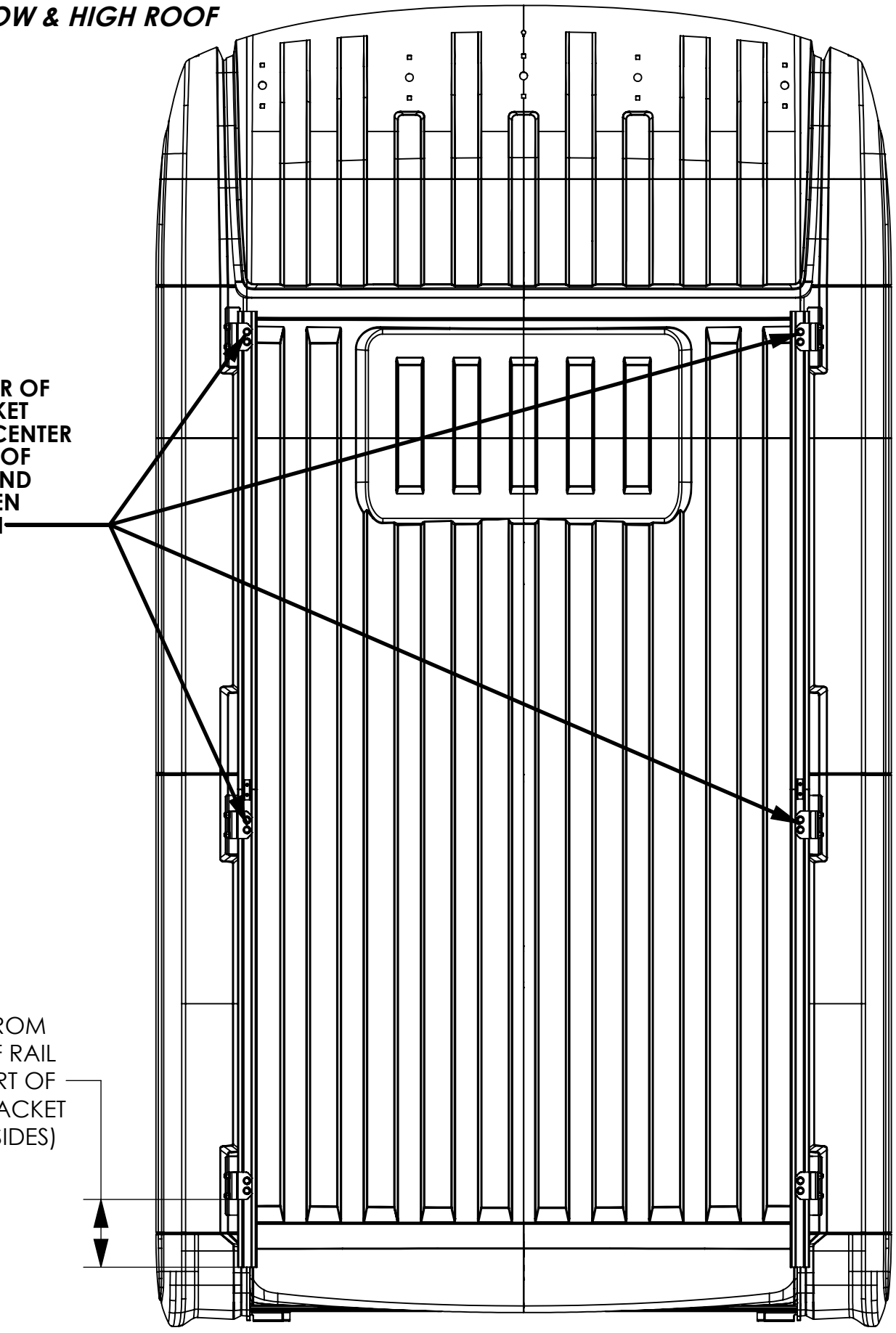


FAS0552
WASHER, FLAT
5/16 SS
QTY: 24



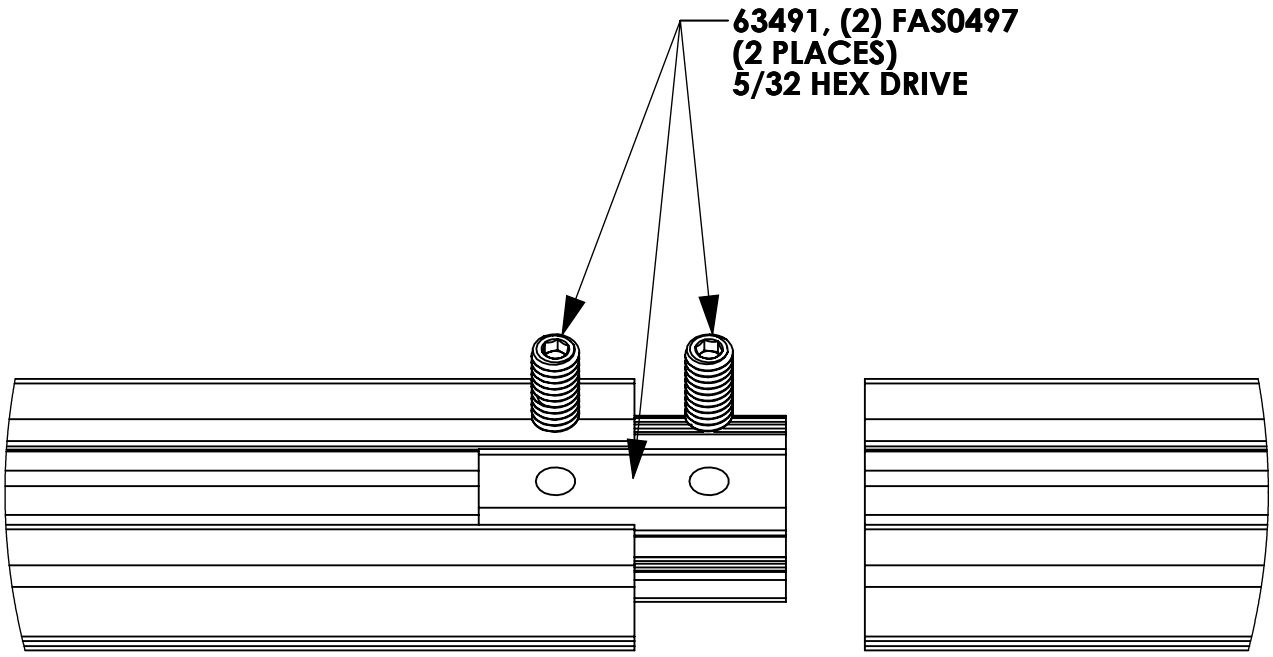
FAS0248
NUT, NYLON LOCK
5/16-18 SS
QTY: 12

ROOF RAIL INSTALL LOCATION - 118, 159, 159 EXTENDED WHEEL BASES LOW & HIGH ROOF

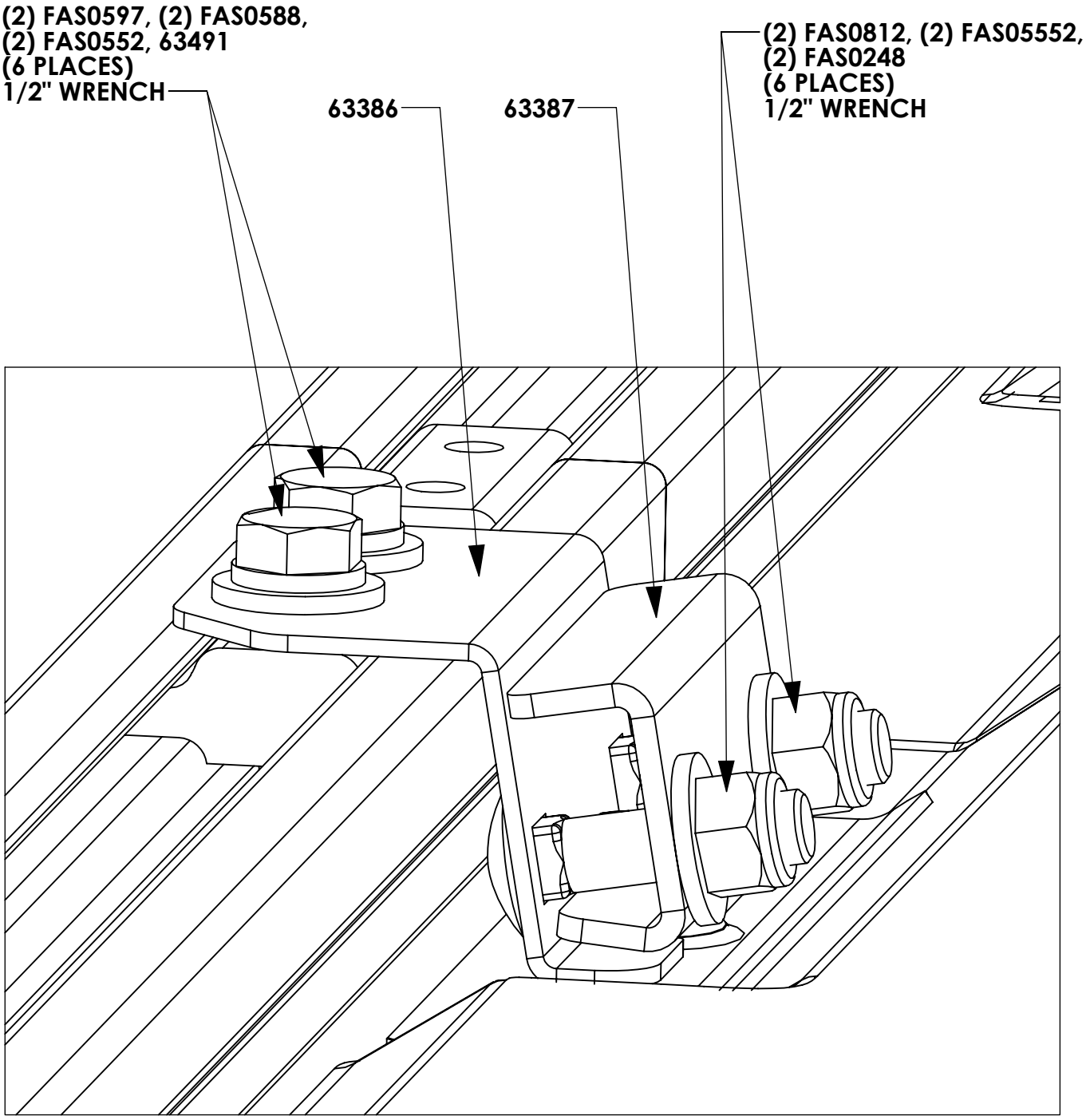


CONNECT ROOF RAILS

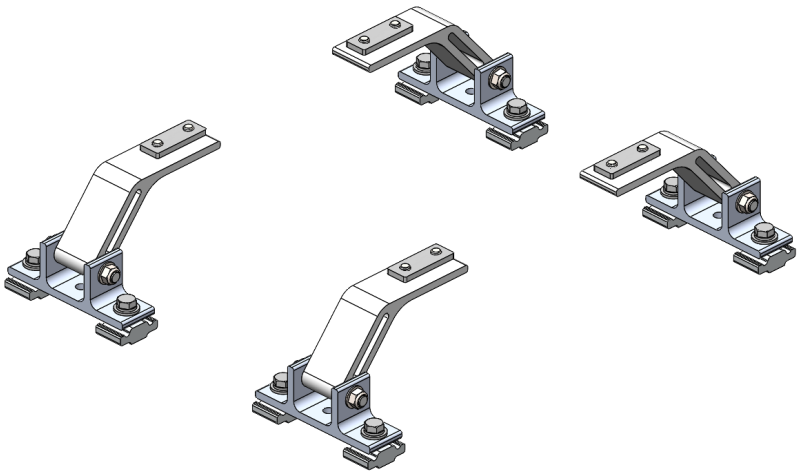
STEP 1 - SLIDE RAILS TOGETHER. CENTER SLIDE BETWEEN TWO RAILS AND TIGHTEN DOWN SET SCREWS



BEGIN INSTALLATION
STEP 2 - INSTALL RAIL AND BRACKETS TO ROOF OF VEHICLE



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.

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ADRIAN STEEL
Cargo Management Solutions for Commercial Vehicles

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.

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INSTR. NUMBER	PG:	REV:
66850	1	E

PART NUMBER : URMBK

PART DESC. : UTILTY,MNT BKT KT,RAIL

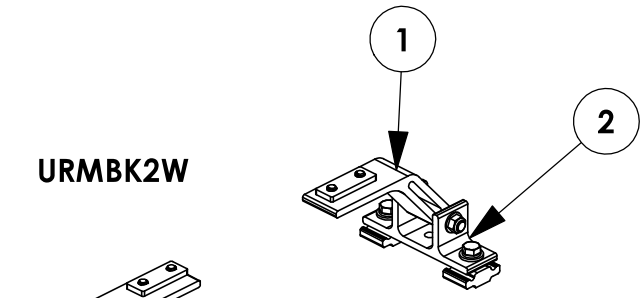
ITEM NO.	PART NUMBER	DESCRIPTION	URMBK4W	URMBK2W
1	65123-W	UTILITY,FT MOUNT ARM,ST,W	4	2
2	63852-W	UTILITY, MOUNTING BRKT, W	4	2

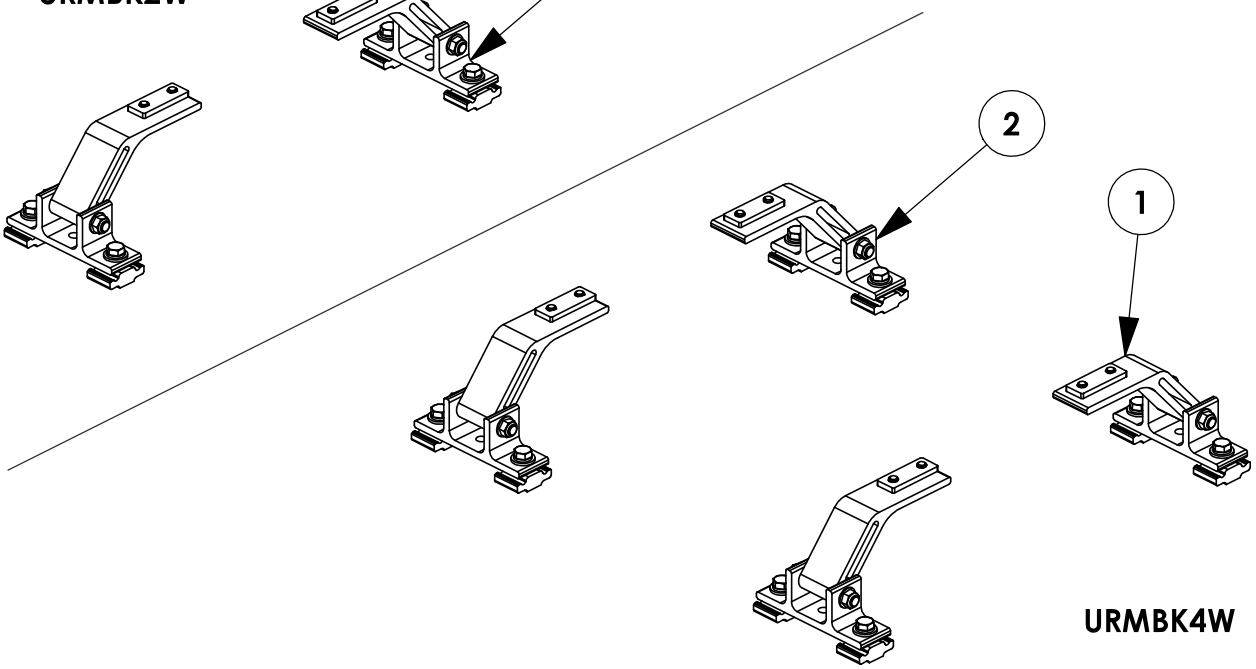
-PART NUMBERS WITH "-W" SUFFIX ARE PAINTED WHITE
-FOR BLACK MOUNTING KITS, REPLACE "-W" PARTS WITH "-B" PARTS

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

-URMBK4W
-URMBK4B
-URMBK2W
-URMBK2B

URMBK2W





URMBK4W

TOOLS NEEDED:

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

BEST PRACTICES

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

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

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

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

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

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

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

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

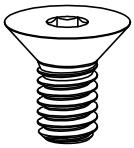
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

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

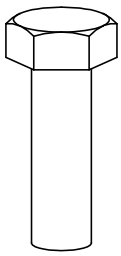
PAGE: 3

FASTENERS AND HARDWARE USED

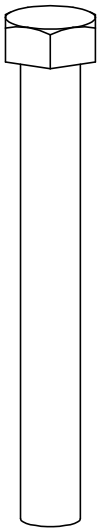
BAG REFERENCE: BAG66848



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

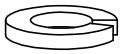


FAS0597
5/16-18X1.0 SS
HH SCREW
QTY: 8

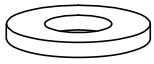


FAS0243
5/16-18X2.5 SS
HH SCREW
QTY: 4

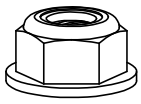
FAS0857
5/16 SS WASHER,
LOCK EXT CS
QTY: 8



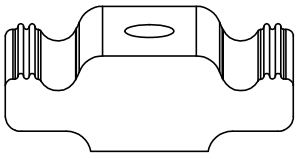
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



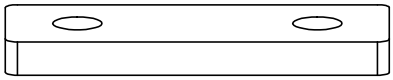
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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

STOP

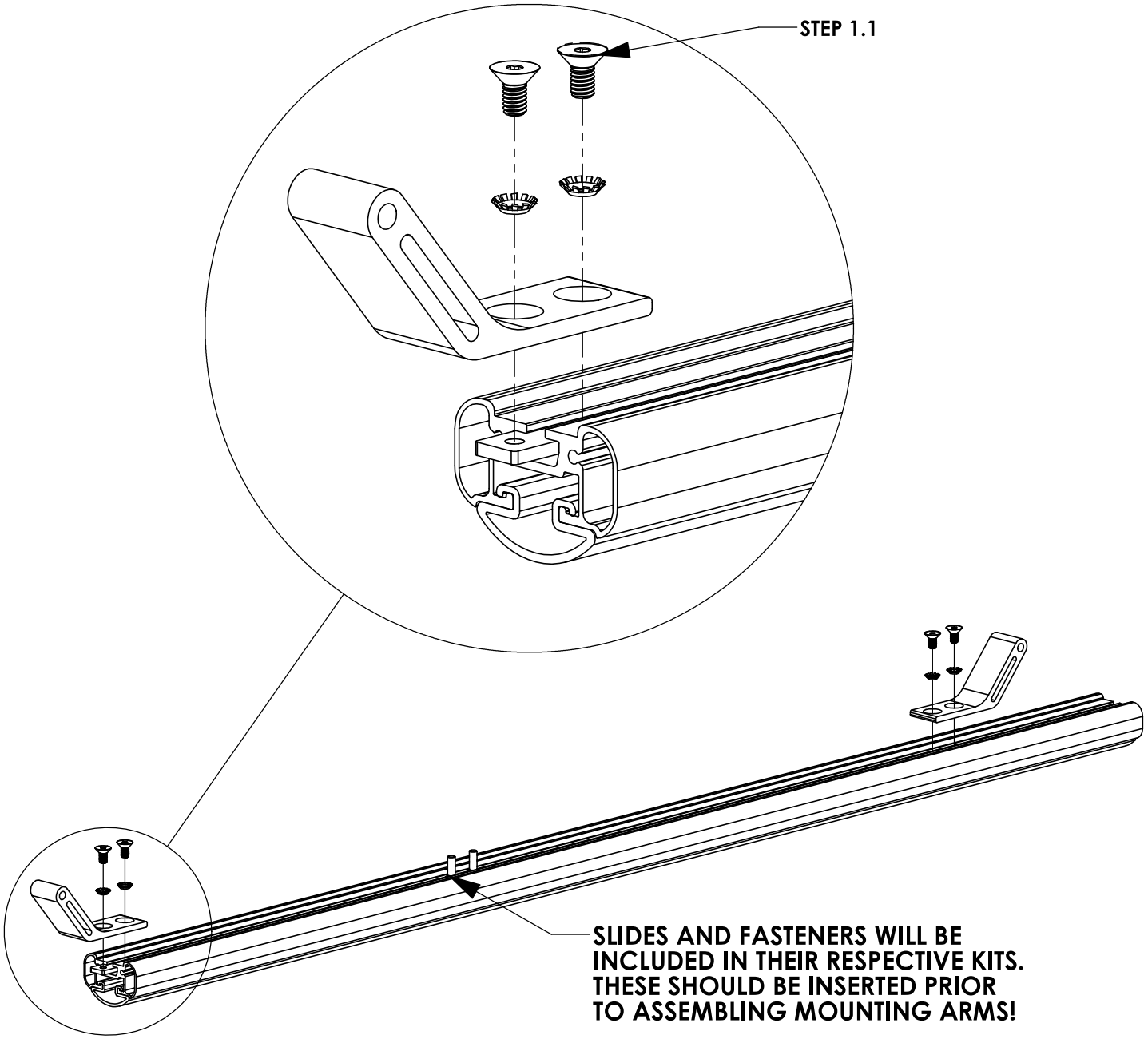
CHECK TABLE 1-3 IN INSTRUCTION 68895 FOR ADDITIONAL ACCESSORY SLIDE INSTALLATION BEFORE INSTALLING MOUNTING BRACKETS (ALL A.2 ITEMS SHOULD BE COMPLETELY ASSEMBLED FIRST!)

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

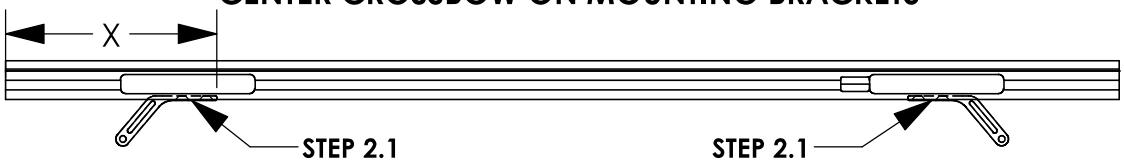


STEP 2 - SECURE CROSSBOW

STEP 2.1
FULLY TIGHTEN FROM STEP 1.1

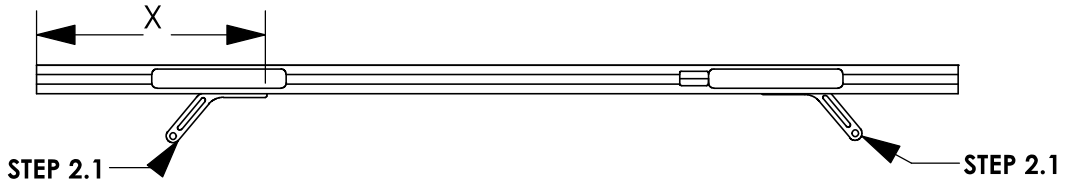
(04 PLACES PER CROSSBOW)
3/16" ALLEN

FULL SIZE VANS

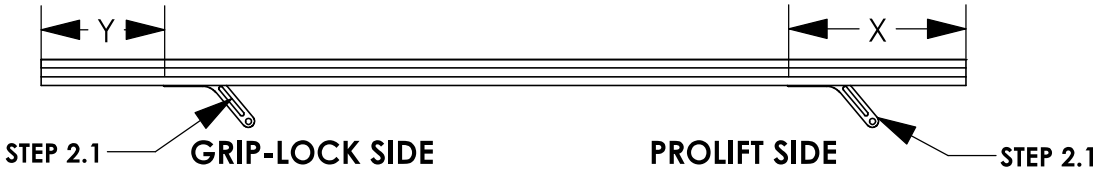
CENTER CROSSBOW ON MOUNTING BRACKETS

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

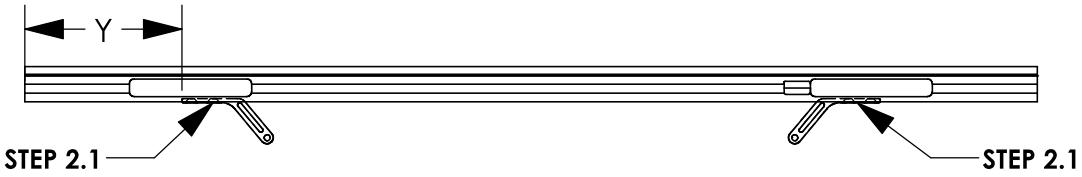
PICKUP TRUCK TOPPERS



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

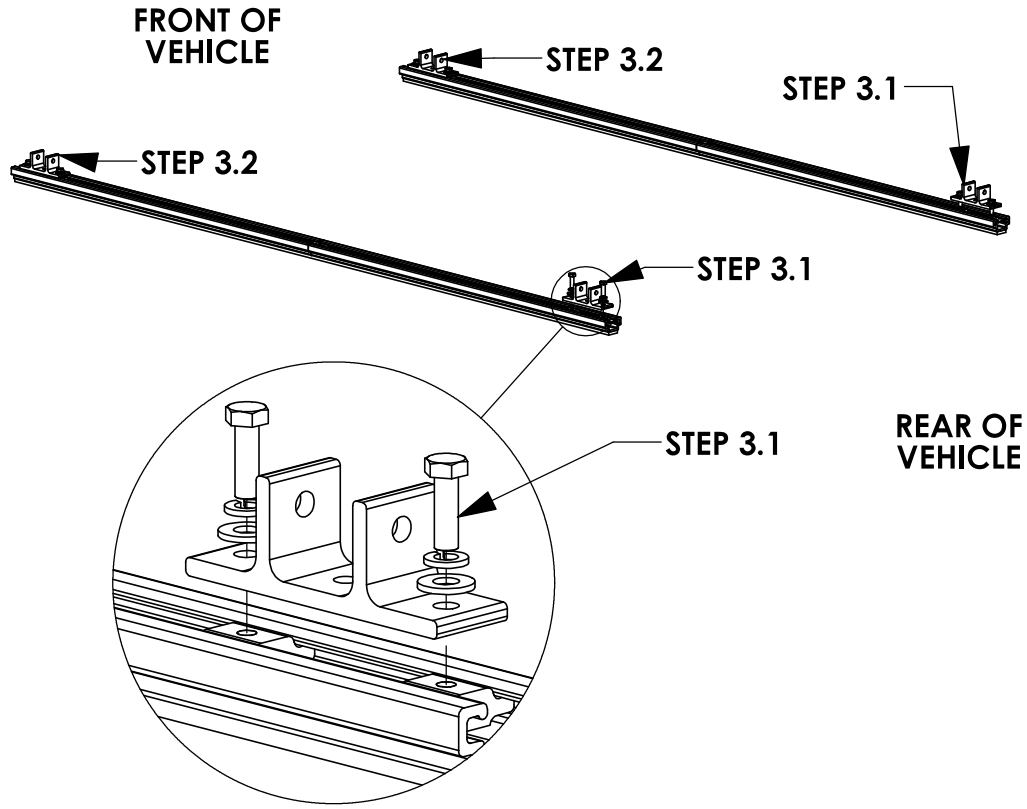
STEP 3 - ASSEMBLE LOWER MOUNTING FOOT TO ROOF RAIL

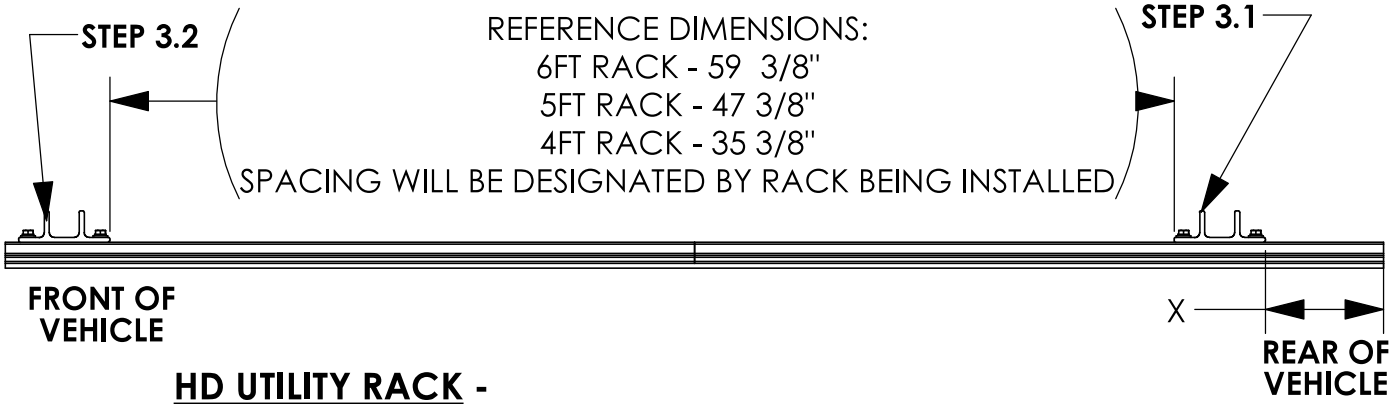
STEP 3.1
FULLY TIGHTEN
FAS0597, FAS0552, FAS0588, 63490 ON REAR MOUNTING FEET

(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

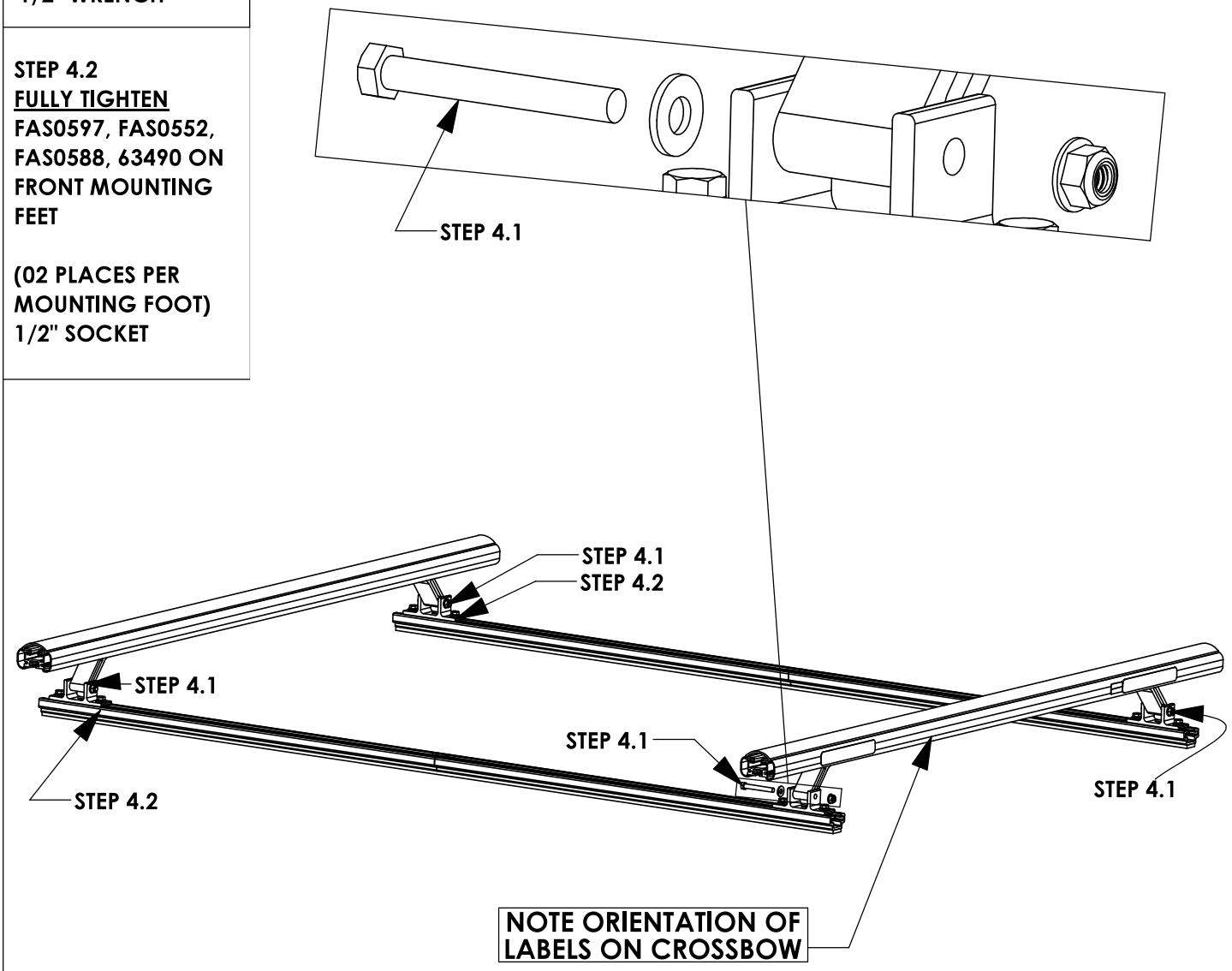
BEFORE PROCEEDING WITH THIS STEP FINISH ASSEMBLING ACCESSORIES ONTO RACK. (IE GRIP LOCK, PROLIFT, ETC)

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

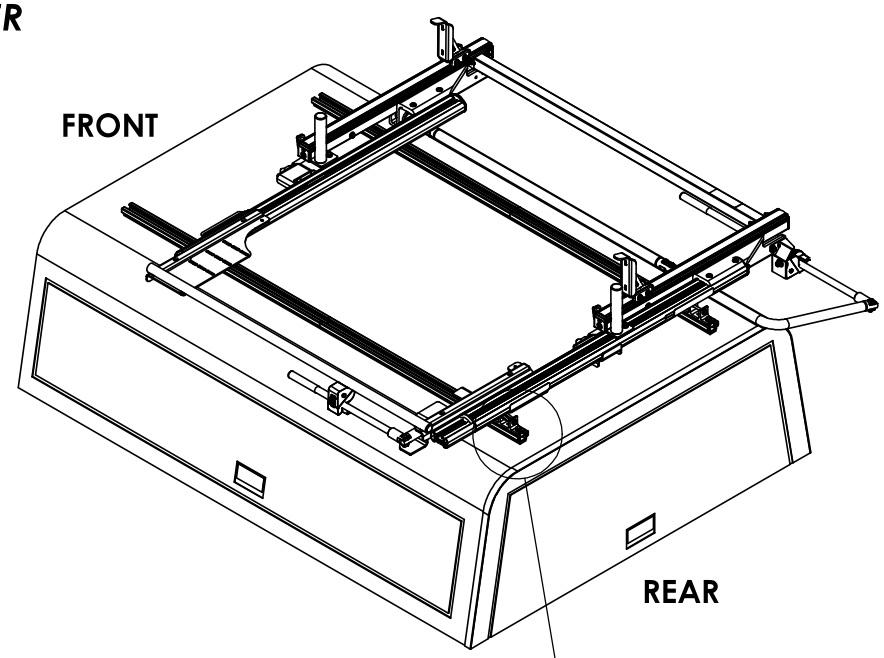
GRIP LOCK/PROLIFT LADDER RACKS -

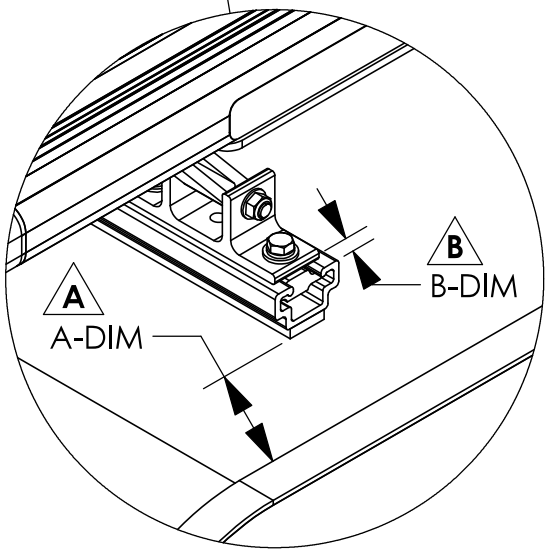
1/2" FROM END OF RAIL UNLESS OTHERWISE STATED IN RESPECTIVE INSTRUCTION FOR CROSSBOW PLACEMENT.

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

2-Crossbar Kit, 58”, White, Minivan

PRODUCT WEIGHT
16.1 LBS

CROSSBOW LENGTH X HEIGHT

59” x 2”

CAPACITY

REFER TO OEM’S RECOMMENDED LOAD RATING

COLOR

WHITE

CATALOG NUMBER

2BARCW

PRODUCT FEATURES

Aluminum base 2-crossbow kit for PROFILE™ HD Utility, grip lock, drop down, or combo ladder racks. Works with all compact van platforms for each respective wheelbase and Ford Transit Ship Thru. Works with and without OEM specific rail kit and generic mounting bracket kits.

Optional uprights and conduit kits available.

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

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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!

TOP OF CROSSBOW ***IMAGE NOT TO SCALE!***

BOTTOM OF CROSSBOW

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!

TOP OF CROSSBOW

IMAGE NOT TO SCALE!

BOTTOM OF CROSSBOW

TABLE 2

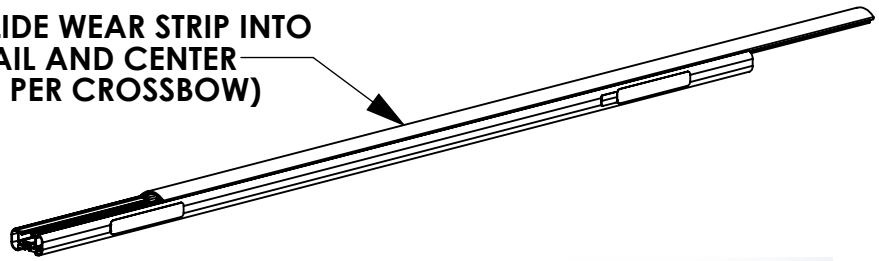
	TOP OF CROSSBOW	
	COMPONENTS TO INSTALL	
B.1	HD UTILITY	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	Grip-Lock	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	ProLift	- INNER STOP POST
	BOTTOM OF CROSSBOW	
	COMPONENTS TO INSTALL	
B.2	HD UTILITY	- MOUNTING BRACKETS
	Grip-Lock	- MOUNTING BRACKETS
	ProLift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



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

TOP OF CROSSBOW

IMAGE NOT TO SCALE!

BOTTOM OF CROSSBOW

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)

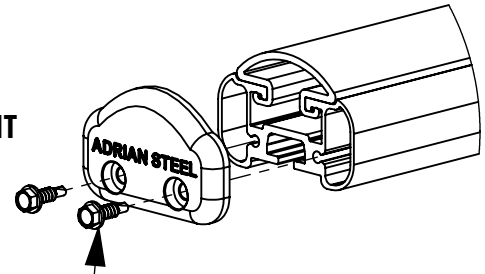
4T. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)

5T. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

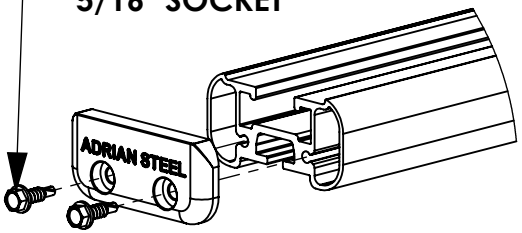
6T. ASSEMBLE ENDS CAPS TO CROSSBOW

USED FOR HD UTILITY & Grip-Lock RACKS

LOCATED IN CROSSBOW KIT



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)

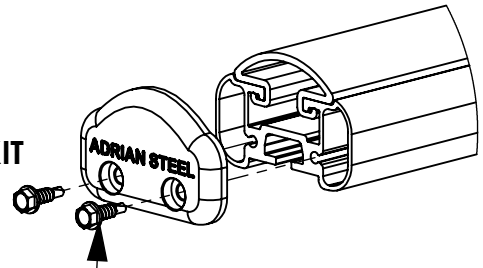
6R. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)

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

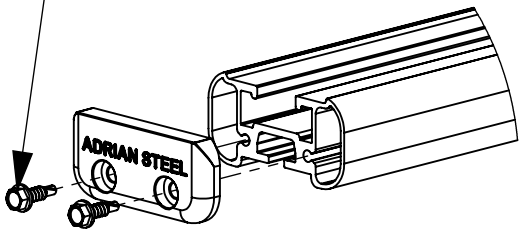
8R. ASSEMBLE END CAPS TO CROSSBOW

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