

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)

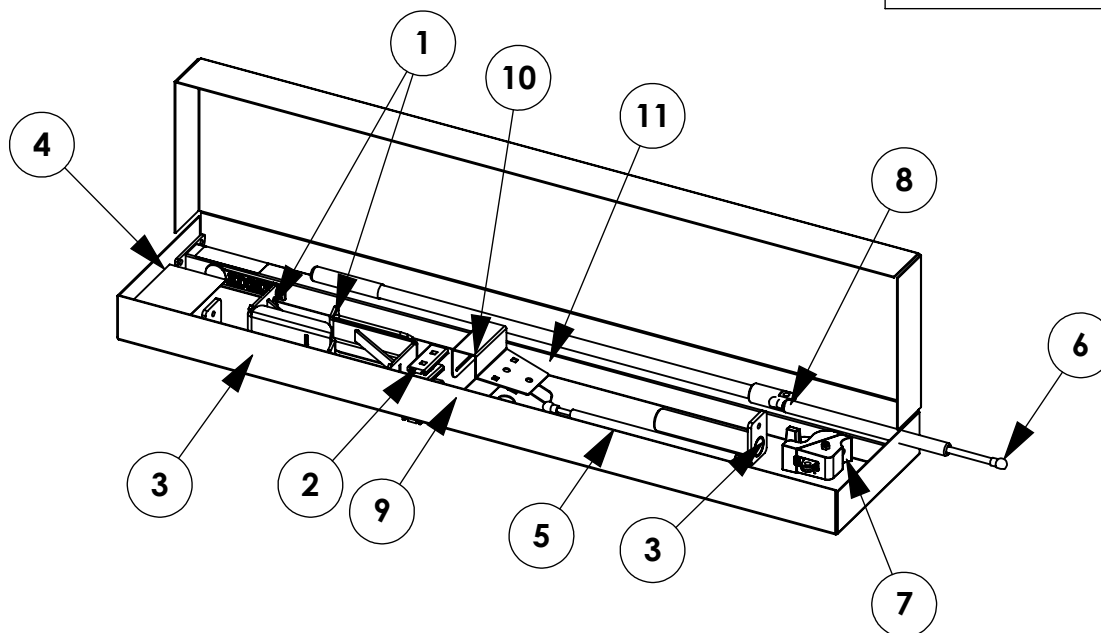
Step 2: With 1/2" Socket loosen nuts (X2) slide clamp so that it is snug against the ladder. Tighten nuts (X2)

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

INSTR. NUMBER	: 78190	PG: 1	REV: G
PART NUMBER	• HDW71737 HDW71739 • HDW71741 HDW79401 • HDW82509 HDW82510		
PART DESC.	• SHIP THRU PARTS FOR • PROLIFT STANDARD 4', 5', 6'		

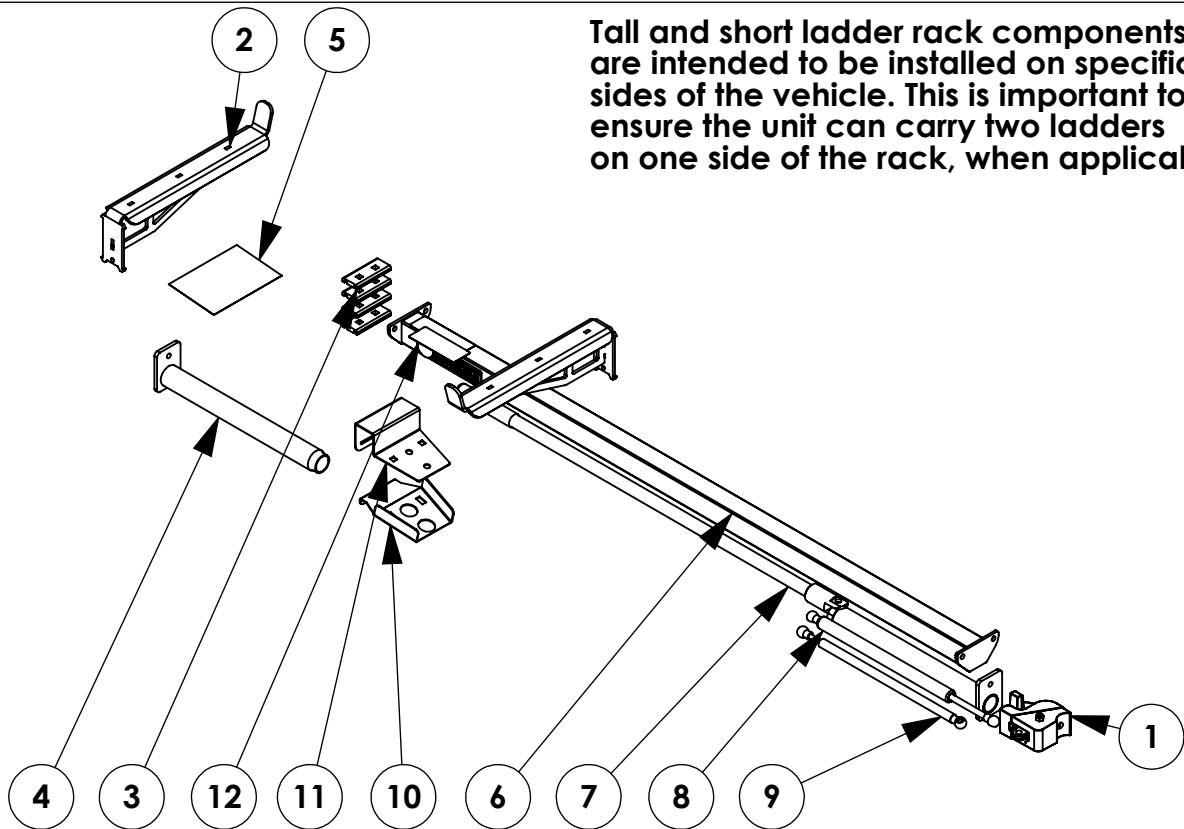
TOOLS NEEDED:

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



HDW71737				HDW71741				HDW71739			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	68037-B	CLAMP PAD, 6.5", BLACK	2	1	25340-0	HANDLE LATCH-STD	1	1	68037-B	CLAMP PAD, 6.5", BLACK	2
2	65963-W	STOP CLAMP, WHITE	4	2	68037-B	CLAMP PAD, 6.5", BLACK	2	2	65963-W	STOP CLAMP, WHITE	4
3	68186-W	PROLIFT INNER POST, WHITE	2	3	65963-W	STOP CLAMP, WHITE	4	3	68186-W	PROLIFT INNER POST, WHITE	2
4	BAG72921	BAG 1, LOW ROOF PROLIFT	1	4	68186-W	PROLIFT INNER POST, WHITE	2	4	BAG72921	BAG 1, LOW ROOF PROLIFT	1
5	48265	DAMPER ASSEMBLY	1	5	BAG72921	BAG 1, LOW ROOF PROLIFT	1	5	48265	DAMPER ASSEMBLY	1
6	58239	COMPRESSION DAMPER	1	6	66959-B	DROP DOWN OUTER BAR, WELDMENT, BLK	1	6	58239	COMPRESSION DAMPER	1
7	25340-0	HANDLE LATCH-STD	1	7	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1	7	25340-0	HANDLE LATCH-STD	1
8	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1	8	58239	COMPRESSION DAMPER	1	8	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1
9	71807-W	CLAMP BRACKET, BIFF, TOP, WHITE	1	9	48265	DAMPER ASSEMBLY	1	9	71807-W	CLAMP BRACKET, BIFF, TOP, WHITE	1
10	71808-W	TOPPER LATCH,BIFF,BTM CLAMP, WHITE	1	10	71807-W	CLAMP BRACKET, BIFF, TOP, WHITE	1	10	71808-W	TOPPER LATCH,BIFF,BTM CLAMP, WHITE	1
11	70327-W	PROLIFT,4',OS BAR WELD,W	1	11	71808-W	TOPPER LATCH,BIFF,BTM CLAMP, WHITE	1	11	68412-W	PROLIFT, CP, OS BAR WLD, WHITE	1
12	CRTHDW71743	CRT FOR PROLIFT SHIP THRU KITS	14								

Tall and short ladder rack components are intended to be installed on specific sides of the vehicle. This is important to ensure the unit can carry two ladders on one side of the rack, when applicable.



PLEASE NOTE THERE IS AN ADDITIONAL LABEL

HDW79401				HDW82509			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	25340-0	HANDLE LATCH-STD	1	1	25340-0	HANDLE LATCH-STD	1
2	67564-B	PROLIFT,DBL,OUTER CLAMP,B	2	2	67564-B	PROLIFT,DBL,OUTER CLAMP,B	2
3	65963-W	STOP CLAMP, WHITE	4	3	65963-W	STOP CLAMP, WHITE	4
4	68398-W	PROLIFT,DBL,INNER POST, W	2	4	68398-W	PROLIFT,DBL,INNER POST, W	2
5	BAG72921	BAG 1, LOW ROOF PROLIFT	1	5	BAG72921	BAG 1, LOW ROOF PROLIFT	1
6	70327-W	PROLIFT,4',OS BAR WELD,W	1	8	58239	COMPRESSION DAMPER	1
7	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1	9	48265	DAMPER ASSEMBLY	1
8	58239	COMPRESSION DAMPER	1	10	71807-W	CLAMP BRACKET, BIFF, TOP, WHITE	1
9	48265	DAMPER ASSEMBLY	1	11	71808-W	TOPPER LATCH,BIFF,BTM CLAMP, WHITE	1
10	71807-W	CLAMP BRACKET, BIFF, TOP, WHITE	1	12	76728	75 LBS MAX WEIGHT DECAL	1
11	71808-W	TOPPER LATCH,BIFF,BTM CLAMP, WHITE	1	HDW82510			
12	76728	75 LBS MAX WEIGHT DECAL	1	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
				6	70327-W	PROLIFT,4',OS BAR WELD,W	1
				7	66611-B	DROP DOWN, PIVOT HANDLE, BLK	1

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.

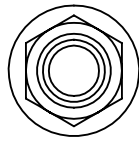
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

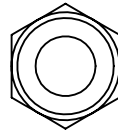
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED BAG72921

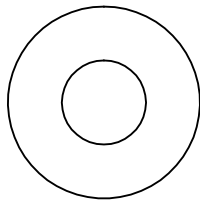
FAS0399
NUT,HEX NLK LT
3/8-16 SS
QTY: 1



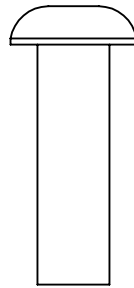
FAS0861
NUT,HEX NLK FLG
5/16-18SS
QTY: 8



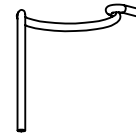
FAS0110
NUT,HEX NLK
3/8-16 SS W
QTY: 1



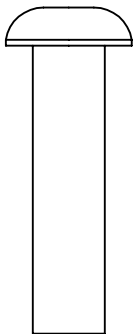
FAS0720
WASHER,FLAT
USS 3/8 SS
QTY: 1



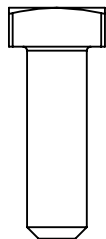
FAS0701
SCREW,BHCS
3/8-16X1.25 SS
QTY: 1



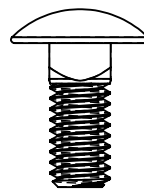
34928-0
CLIP,SPRING,
RETAINER,13MM
QTY: 4



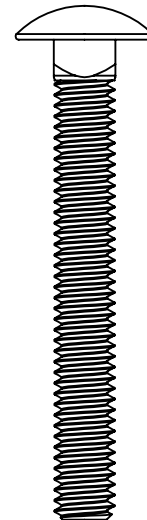
FAS0819
SCREW,BHCS
3/8-16X1.5 SS
QTY: 1



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



FAS0866
BOLT,CRG
5/16-18X.75SS
QTY: 2



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

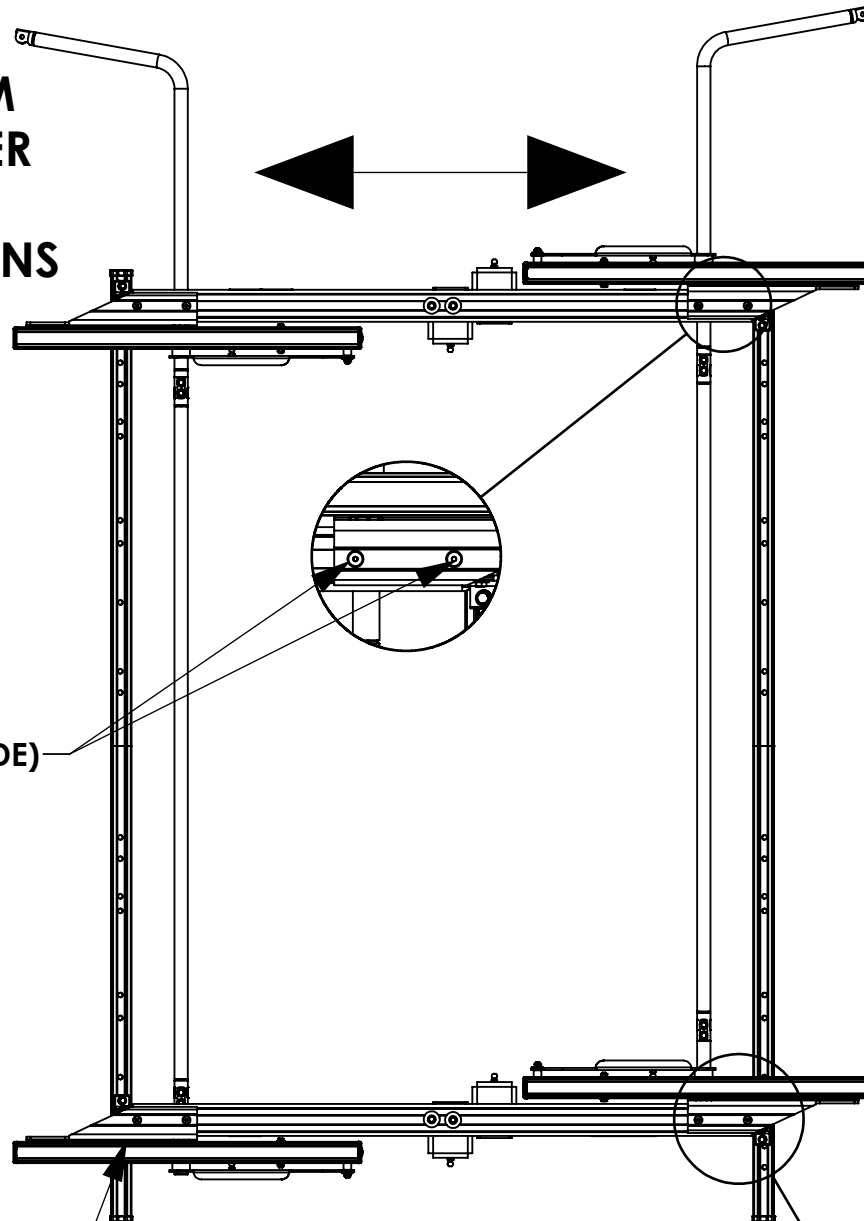
INTENTIONALLY LEFT BLANK

STEP 1 - SLIDE RACK OUTWARDS FROM STOWED SHIP THRU POSITION

**SEE BOTTOM
LEFT CORNER
FOR
INSTRUCTIONS
ON FORD
MAVERICK
TOPPERS**

**LOOSEN FAS0856
(4 PLACES PER SIDE)
3/16" ALLEN**

**NOTE: MOVE
CARTRIDGES
INBOARD 2.5" FOR
MAVERICK
APPLICATIONS, SEE
IMAGE BELOW**

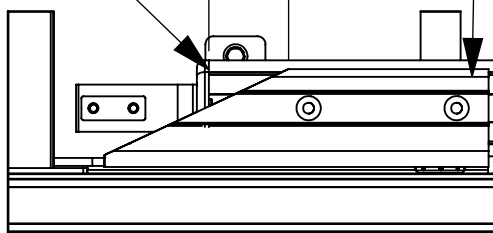


**TIGHTEN FAS0856
(4 PLACES PER SIDE)
3/16" ALLEN**

CARTRIDGE

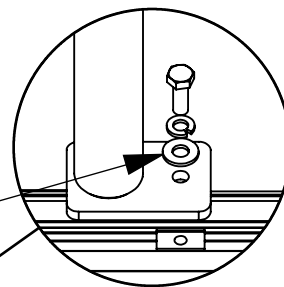
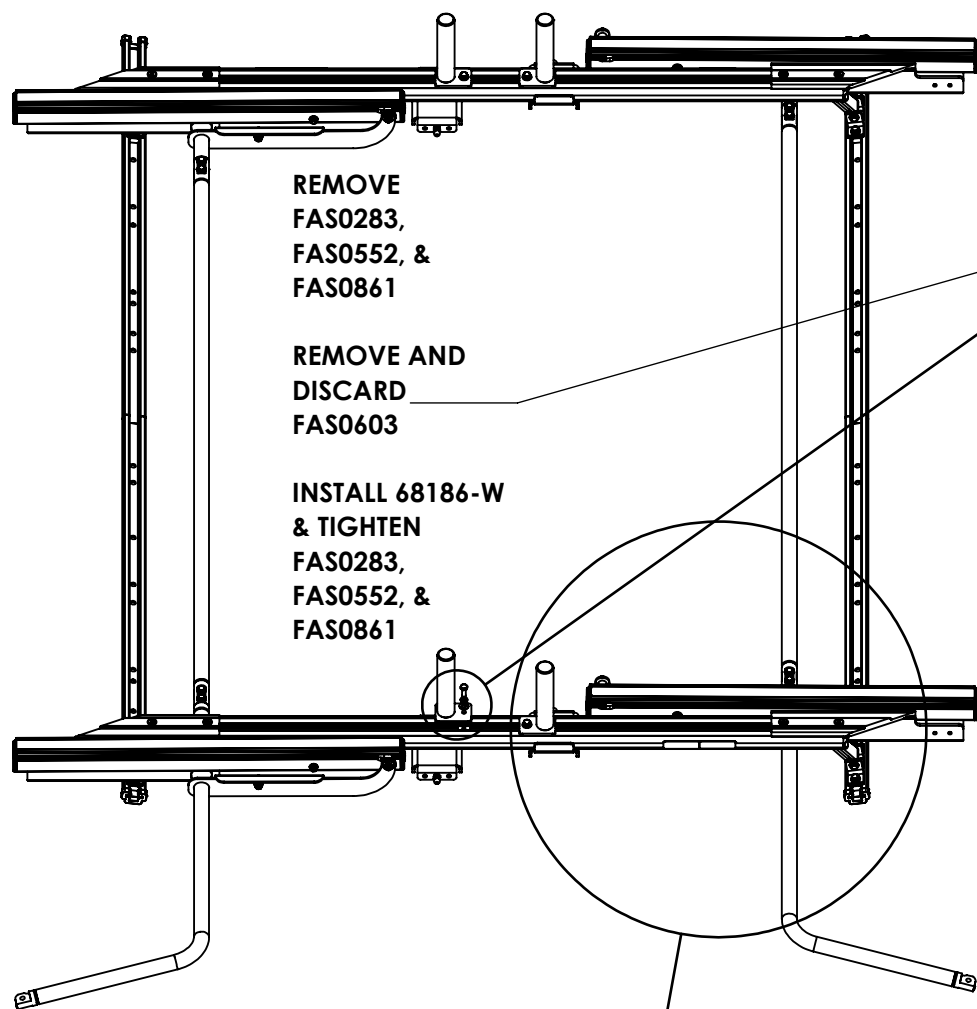
CROSSBOW

2.49

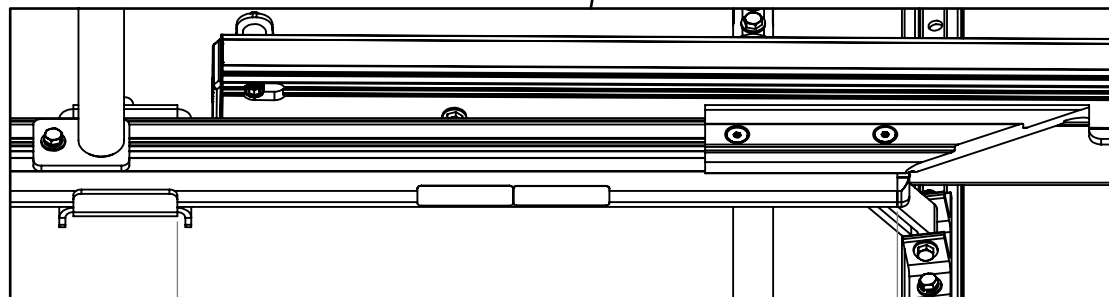


**LINE UP CORNERS WITH
END OF CROSSBOW**

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



***IF YOU RECEIVE BOTH
HDW71737 AND HDW79401:**
- INSTALL 2X 68186-W ON
DRIVER'S SIDE
- INSTALL 2X 68398-W ON
PASSENGER'S SIDE



TIGHTEN DAMPER BRACKET
22.50"
FROM THE END OF THE CROSSBOW
1/2" SOCKET

SEE IMAGE ABOVE:
CORNER OF RACK TO
VERTICAL FLANGE ON
DAMPER MOUNT

STEP 3 - ATTACH HANDLE AND LOCK

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

Step 3.1

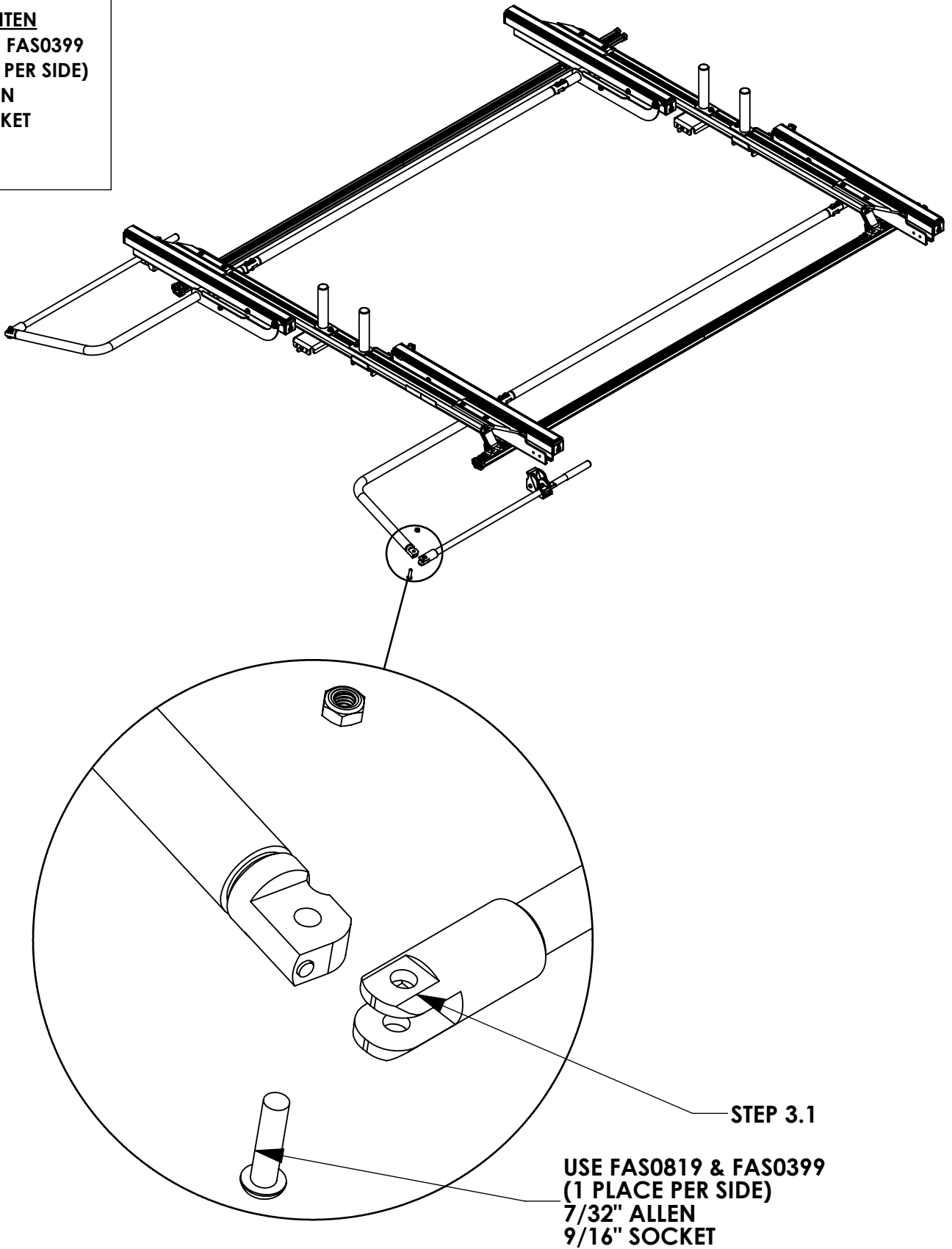
FULLY TIGHTEN

FAS0819 & FAS0399

(01 PLACE PER SIDE)

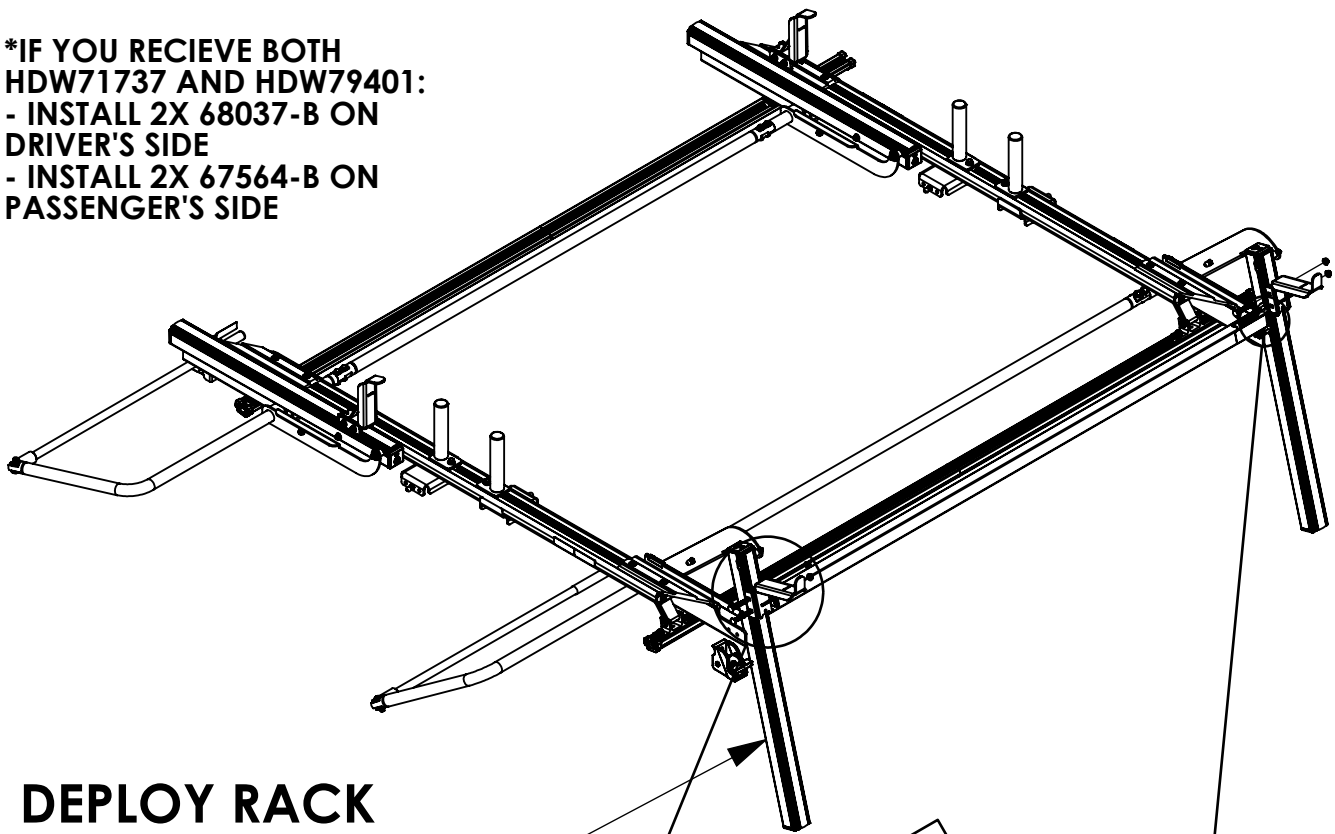
7/32" ALLEN

9/16" SOCKET



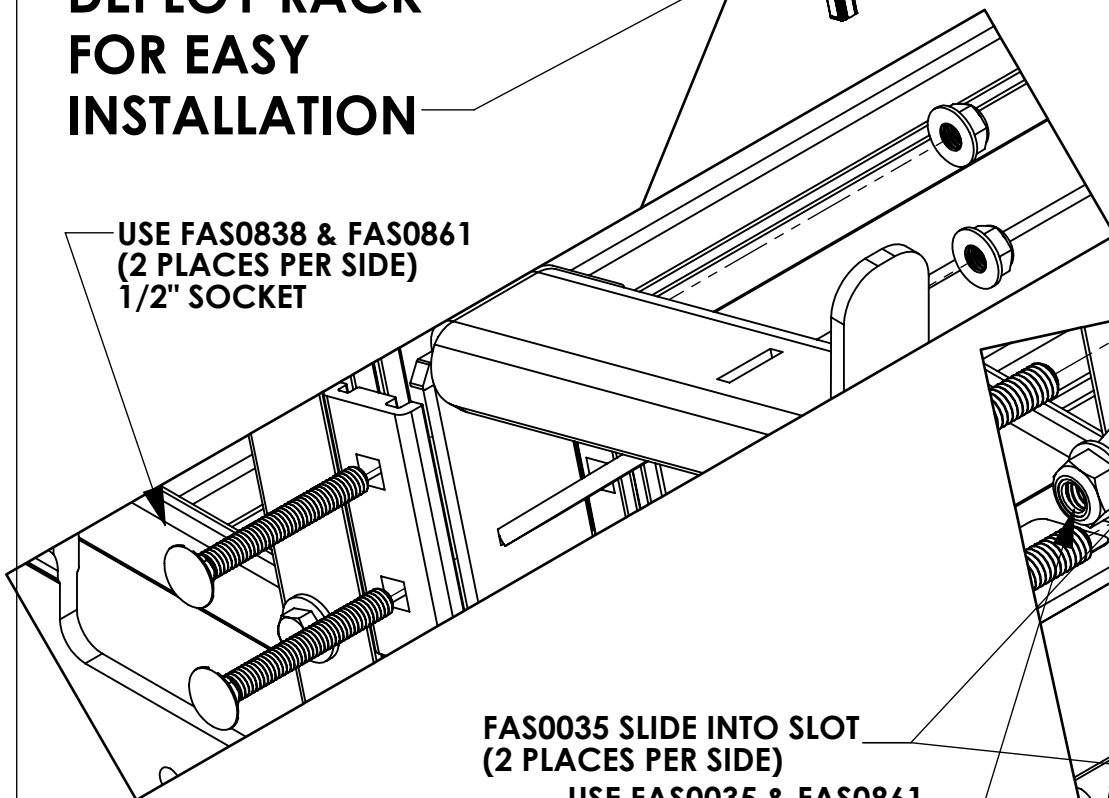
STEP 4 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES

***IF YOU RECIEVE BOTH
HDW71737 AND HDW79401:**
- INSTALL 2X 68037-B ON
DRIVER'S SIDE
- INSTALL 2X 67564-B ON
PASSENGER'S SIDE



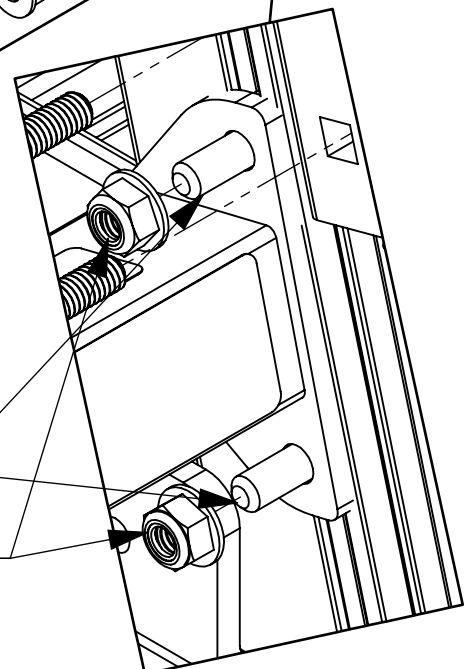
**DEPLOY RACK
FOR EASY
INSTALLATION**

**USE FAS0838 & FAS0861
(2 PLACES PER SIDE)
1/2" SOCKET**



**FAS0035 SLIDE INTO SLOT
(2 PLACES PER SIDE)**

**USE FAS0035 & FAS0861
(4 PLACES)
1/2" SOCKET**



STEP 5 (TOPPERS) - INSTALL HANDLE LATCH

STEP 5.1
SLIDE FAS0035
INTO SLOTS IN
70106 & 68031,
AND PLACE 68412
WITH FAS0035

STEP 5.2
SLIDE TO 68412
DISTANCE SHOWN,
FULL TIGHTEN
FAS0861

1/2" WRENCH

IF INSTALLING A TOPPER PROLIFT, IGNORE STEPS 3.2 & 3.3 AND SEE STEP 3.B

NOTE:
PLACE
(2)FAS0035
INTO CUTOUT

STEP 5.1

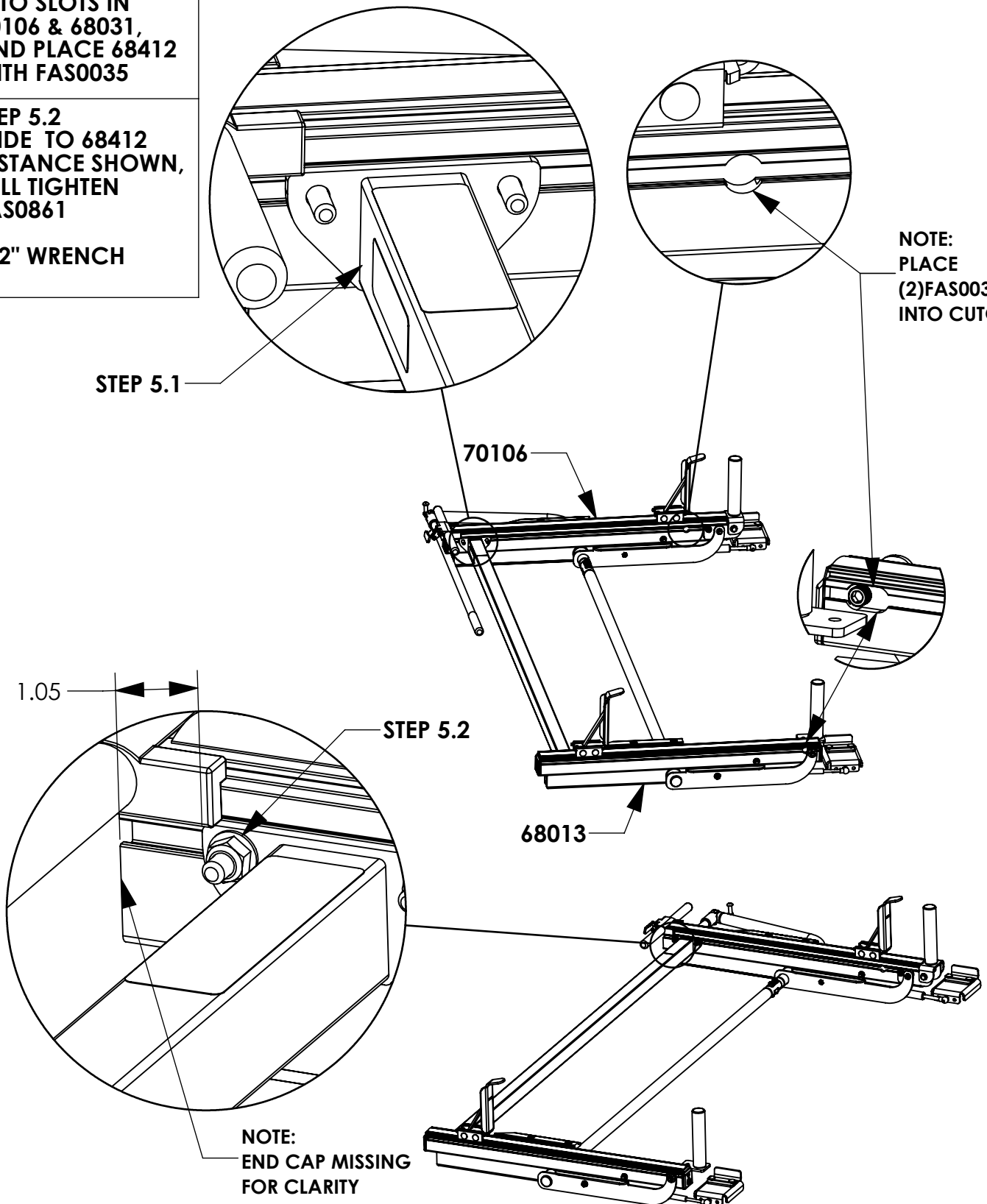
70106

68013

STEP 5.2

1.05

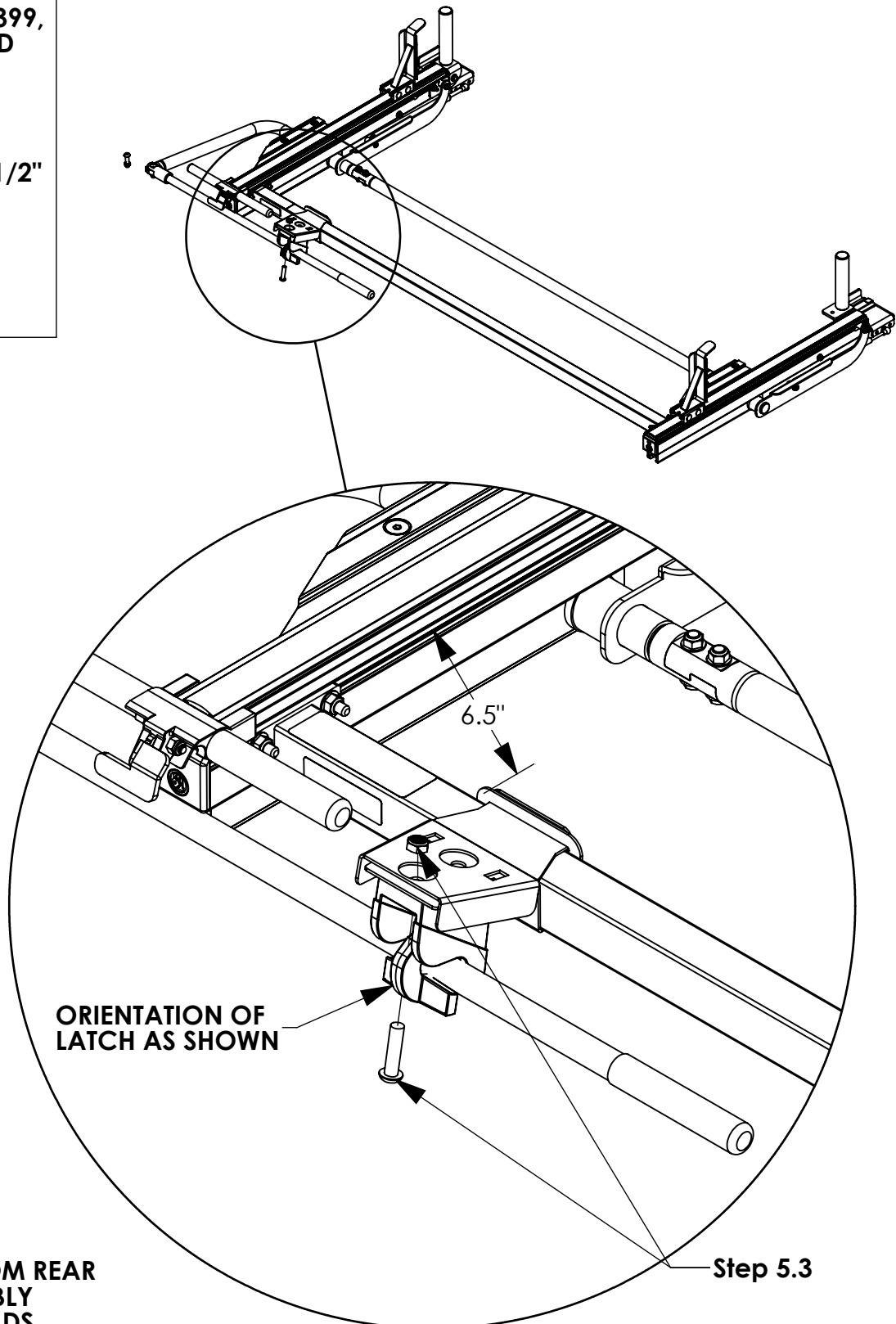
NOTE:
END CAP MISSING
FOR CLARITY



STEP 5 (TOPPERS) - INSTALL HANDLE LATCH

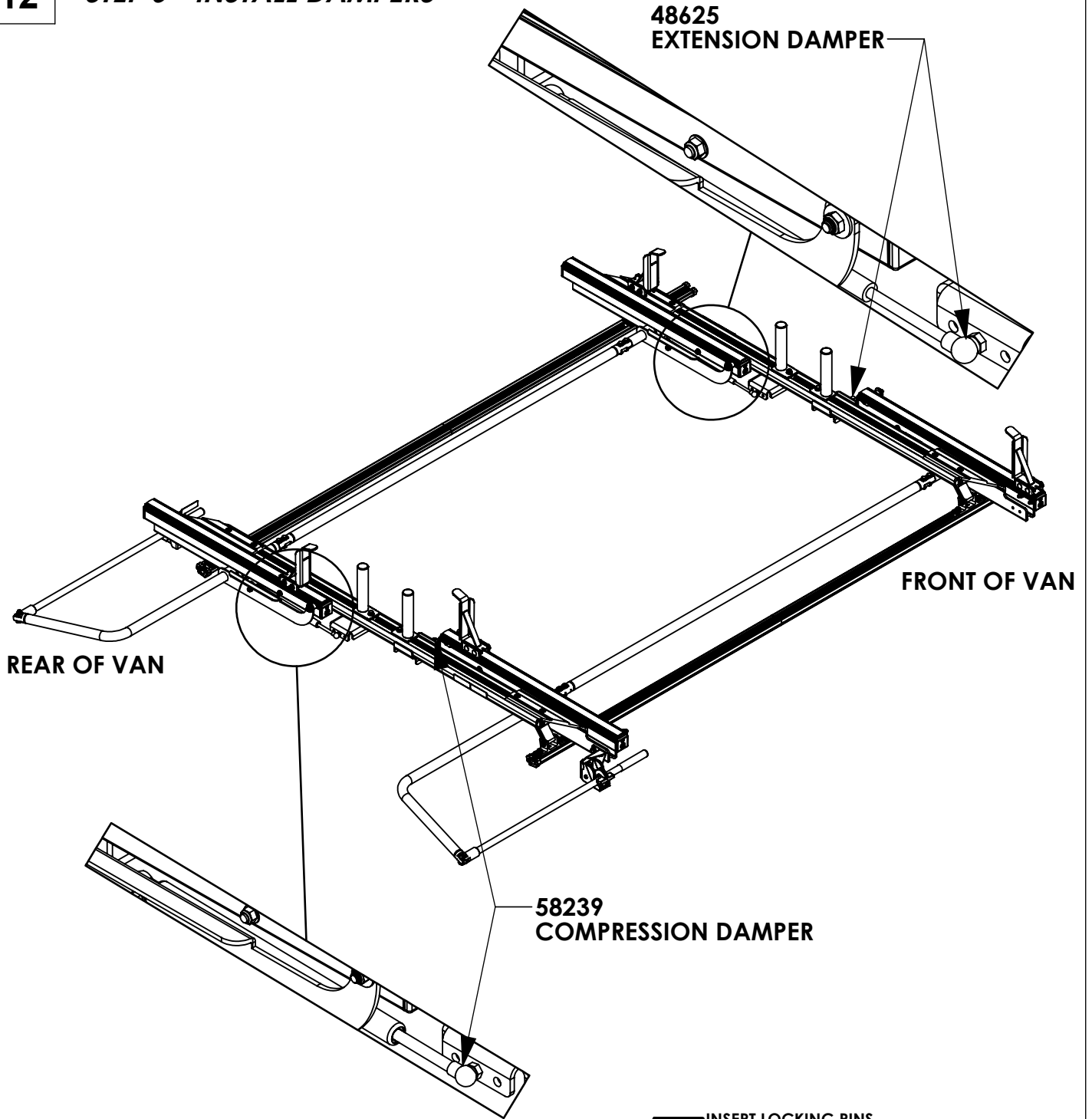
STEP 5.3
FULLY TIGHTEN
FAS0819, FAS0399,
(01 PLACE) AND
FAS0866 &
FAS0861(2
PLACES) 7/32"
ALLEN
9/16" SOCKET 1/2"
SOCKET

IF INSTALLING A TOPPER PROLIFT, IGNORE STEPS 3.2 & 3.3 AND SEE STEP 3.B



MEASURE FROM REAR
DROP ASSEMBLY
BOTH PS AND DS

STEP 6 - INSTALL DAMPERS



INSERT LOCKING PINS
AFTER MOUNTING
DAMPERS TO BALL STUDS



STEP 7 - CHECK CLEARANCES FOR 76737 APPLICATION

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

MAKE SURE ALL FASTENERS ARE TIGHTENED!! INSTALLATION IS COMPLETE