



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

GL-PLDS EXTENSION KIT ASSEMBLY

PRODUCT WEIGHT

9.32 LBS

WIDTH X DEPTH X HEIGHT

22.00" X 38.00" X 2.00"

CAPACITY

32' FOOT EXT

COLOR

WHITE, BLACK



CATALOG NUMBER

GLEXTKITW / GLETKITB

PRODUCT FEATURES

THIS IS AN EXTENSION KIT FOR OUR GRIP LOCK LADDER RACKS, WHICH IS ALSO COMPATIBLE WITH THE DRIVERS SIDE PROLIFT RACKS. THIS DOES NOT WORK WITH PASSENGER SIDE PROLIFT VARIANTS. USE OF THIS KIT WILL ALLOW FOR LONGER EXTENSION LADDERS TO BE CARRIED WITHOUT ADING A THIRD CROSSBOW, LIKE OUR COMPETERORS

THIS PRODUCT CAN BE USED ACROSS VEHICLE PLATFORMS, INCLUDING LOW,MID, AND HIGH ROOF VANS, COMPACT VANS, TRUCKS WITH TOPPERS

THIS EXTENSION KIT ALLOWS FOR LONGER EXTENSION LADDERS TO BE STORED ON THE RACK, WITHOUT RISK OF THE LADDER TILTING FORWARD AND CONTACTING THE ROOF OF THE VEHICLE

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



GL-PLDS EXTENSION KIT ASSEMBLY

CATALOG NUMBER**GLEXTKITW/GLEXTKITB****PRODUCT APPLICATION**

**HIS KIT WILL ALLOW FOR LONGER EXTENSION LADDERS TO BE CARRIED
WITHOUT THE ADDITION OF A THIRD CROSSBOW**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

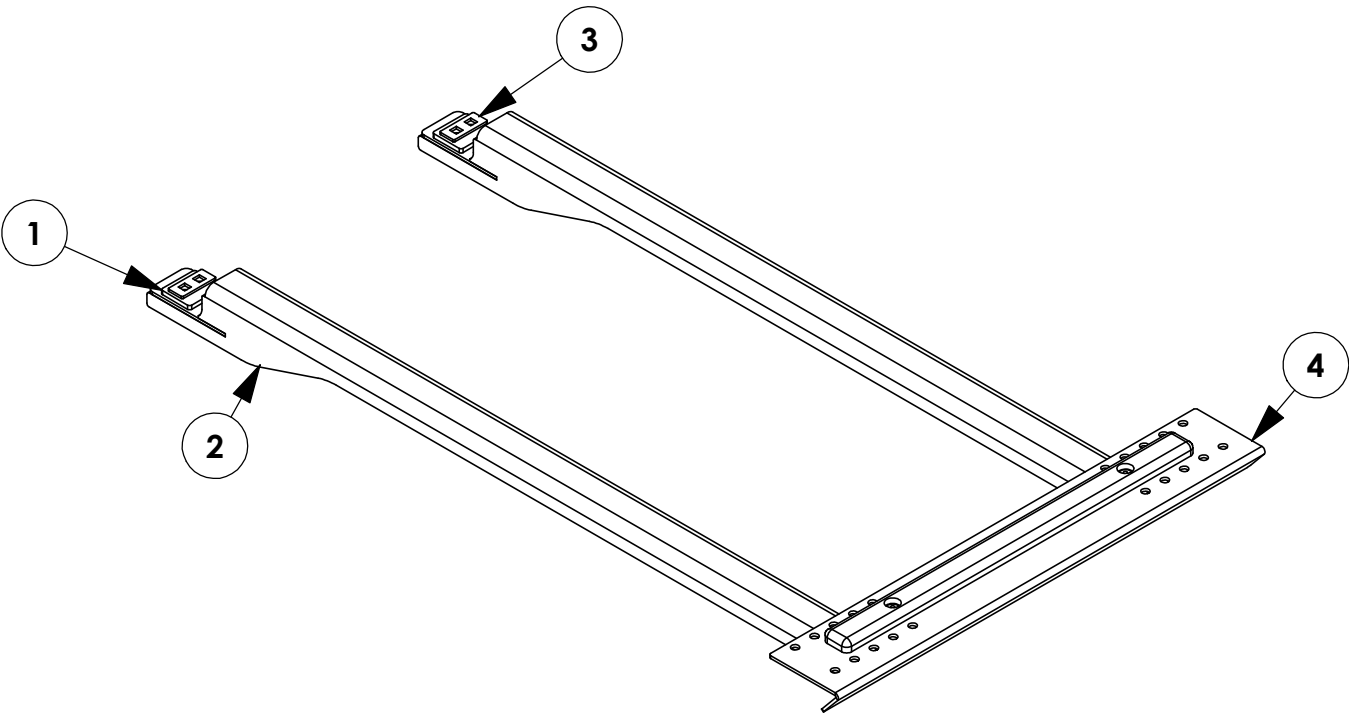
CATALOG NUMBER	DESCRIPTION (smart)
GL-TOPDSW / B	GRIP-LOCK, TOPPER DS
GL-TOPPSW / B	GRIP-LOCK, TOPPER PS
GL-CVDSW / B	GRIP-LOCK, COMP VAN DS
GL-CVPSW / B	GRIP-LOCK, COMP VAN PS
GL-FSVDSW / B	GRIP-LOCK, FSV DS
GL-FSVPSW / B	GRIP-LOCK, FSV PS
PLMDDSCW / B	PROLIFT, MAX, DS, C
PLMDDSLW/B	PROLIFT, MAX, DS, LR
PLMDDSLT4,5,6 W / B	PROLIFT, MAX, DS, LOW T
PLMDPSLT4,5,6 W / B	PROLIFT, MAX, DS, LOW T
PLSDDSCW / B	PROLIFT, STD, DS, C
PLSDDSLW/B	PROLIFT, STD, DS, LR
PLSDDSLT4,5,6 W / B	PROLIFT, STD, DS, LOW T
PLSDPSLT4,5,6 W / B	PROLIFT, STD, DS, LOW T

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<i>INSTR. NUMBER</i> : 73872		<i>PG:</i> 1	<i>REV:</i> A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
<i>PART NUMBER</i> : GLEXTKIT				1	F73830	FLAT FOR 73830	2
				2	73828-W	EXT KIT, ARM WELDMENT, WHITE	2
				3	F73829	FLAT FOR 73829	2
<i>PART DESC.</i> : EXTENSION KIT FOR PROLIFT DS AND GRIP-LOCK PS/DS				4	73832-W	FRONT LIP W/PAD, EXT KIT, WHITE	1

**NOTE: THIS INSTRUCTION IS
VALID FOR THE FOLLOWING
KITS:**
- GLEXTKITW
- GLEXTKITB

-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
 - DRIVE RATCHET
 - 3/16" ALLEN WRENCH
 - 3/8" SOCKET

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.

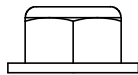
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

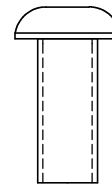
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

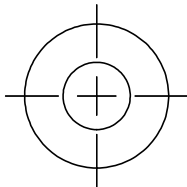
BAG REFERENCE: BAG73827



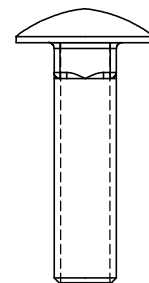
FAS0861
NUT,HEX NLK FLG 5/16-18SS
QTY: 8



FAS0668
SCREW,BHCS 5/16-18X.75 SS
QTY: 4



FAS0552
WASHER,FLAT USS 5/16 SS
QTY: 4



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

INTENTIONALLY LEFT BLANK

STEP 1 - LOOSEN MOUNTING BRACKET FASTENERS & REMOVE RACK**Step 1.1**

PROLIFT:
REMOVE FRONT
MOUNTING FEET
COUNTER SUNK
FASTENERS,
FAS0857,FAS0858
(2) PLACES ON
PROLIFT. SLIDE
OUT PLATE WITH
TAPPED HOLES
AND SET ASIDE
(FRONT DROP
ASSEMBLY ONLY),

GRIPLOCK:
REMOVE
MOUNTING FEET
COUNTER SUNK
FASTENERS,
FAS0857,FAS0858
(4) PLACES FRONT
AND REAR.
SLIDE OUT PLATE
WITH TAPPED
HOLES AND SET
ASIDE
DRIVE RATCHET
3/16"
ALLENWRENCH

STEP 1.2

**GRIP-LOCK
ONLY!!**
LOOSEN FAS0861
(2) PLACES,
UNDER
CROSSBOW AND
SLIDE GRIPLOCK
OFF OF
CROSSBOW.

SET ASSIDE

**PROLIFT WILL STAY
MOUNTED TO
CROSSBOW**

**DRIVE RATCHET
1/2" SOCKET**

Grip-Lock, PS & DS

REAR

PS

Step 1.2

DS

FRONT

Step 1.1

Step 1.2

Prolift, DS

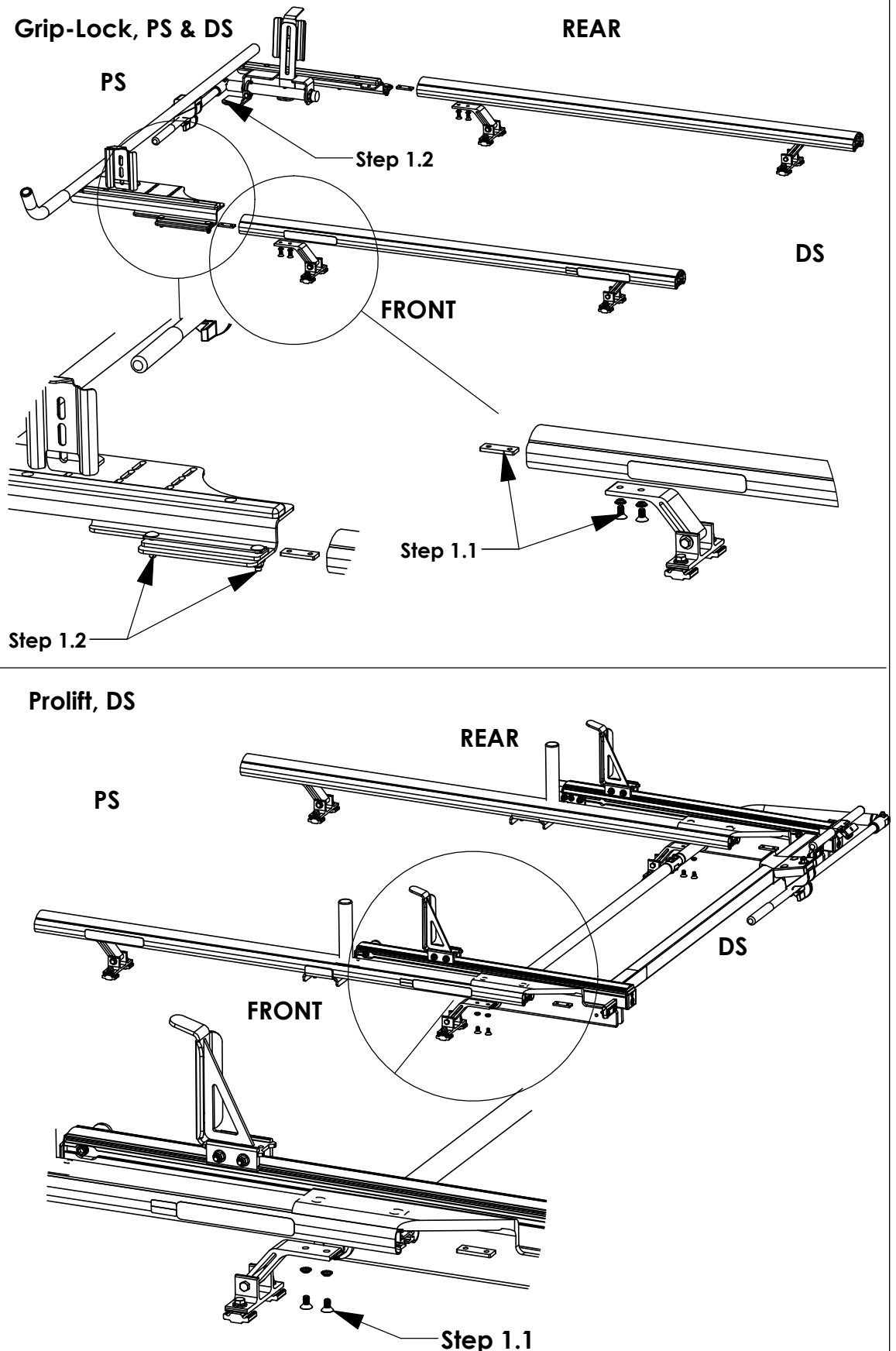
REAR

PS

FRONT

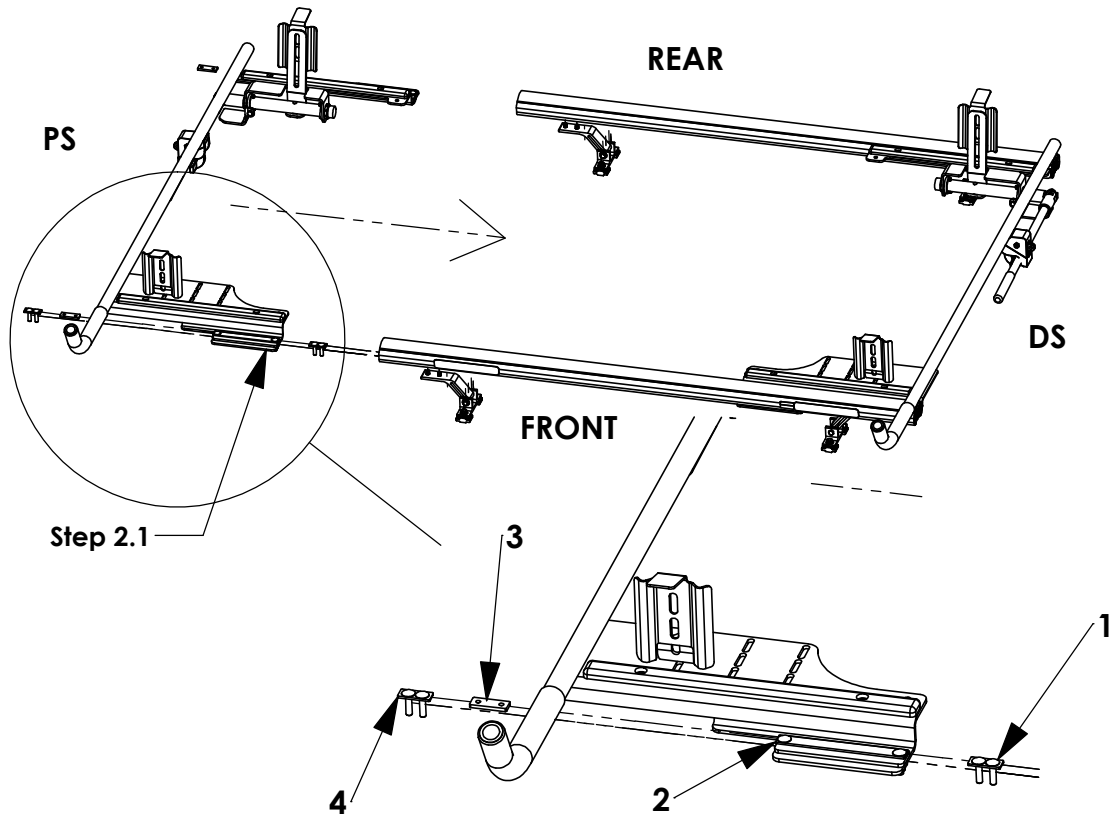
DS

Step 1.1

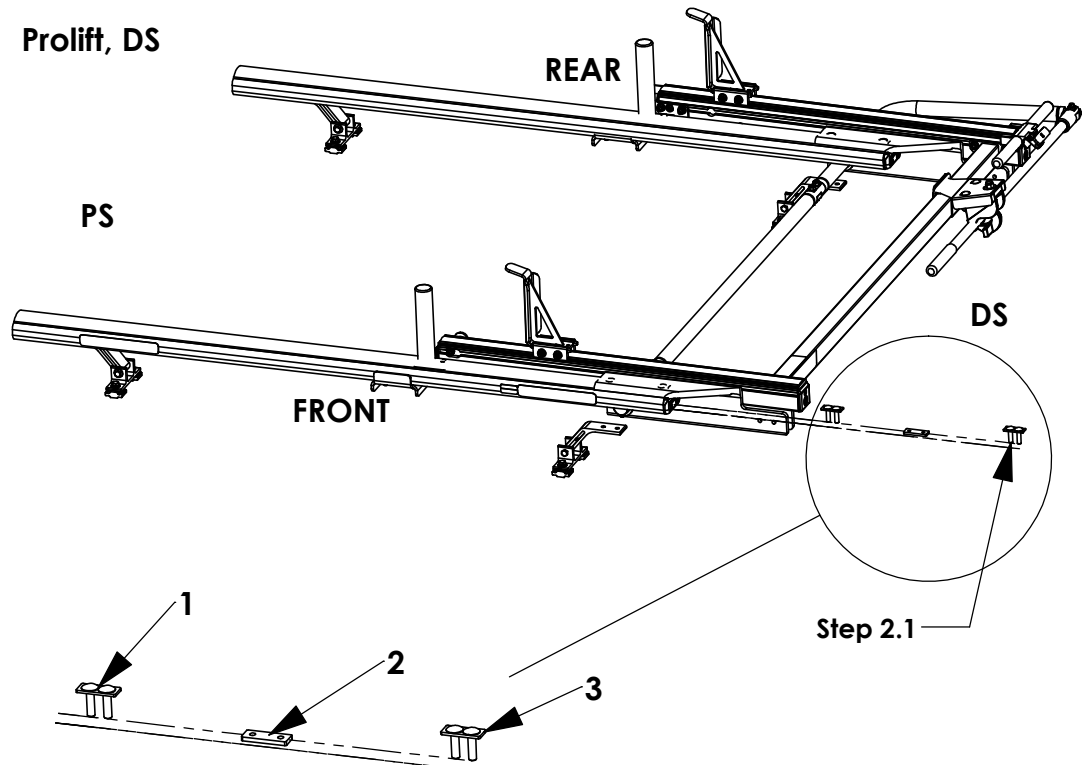


STEP 2 - INSTALL NEW CROSSBOW HARDWARE**STEP 2.1
INSTALL NEW
CROSSBOW
HARDWARE &
SLIDES F73829
FAS0812 (4)**

FOR GRIPLOCK
VARIANTS, THE
ORDER OF
INSTALL IS AS
FOLLOWS:
#1 - (INTERIOR
EXT KIT SLIDE),
#2 - (GRIP-LOCK
MOUNTING
SLIDE) #3 -
(MOUNTING
BRACKET SLIDE)
#4 - (EXTERIOR
EXT KIT SLIDE)

Grip-Lock, PS & DS

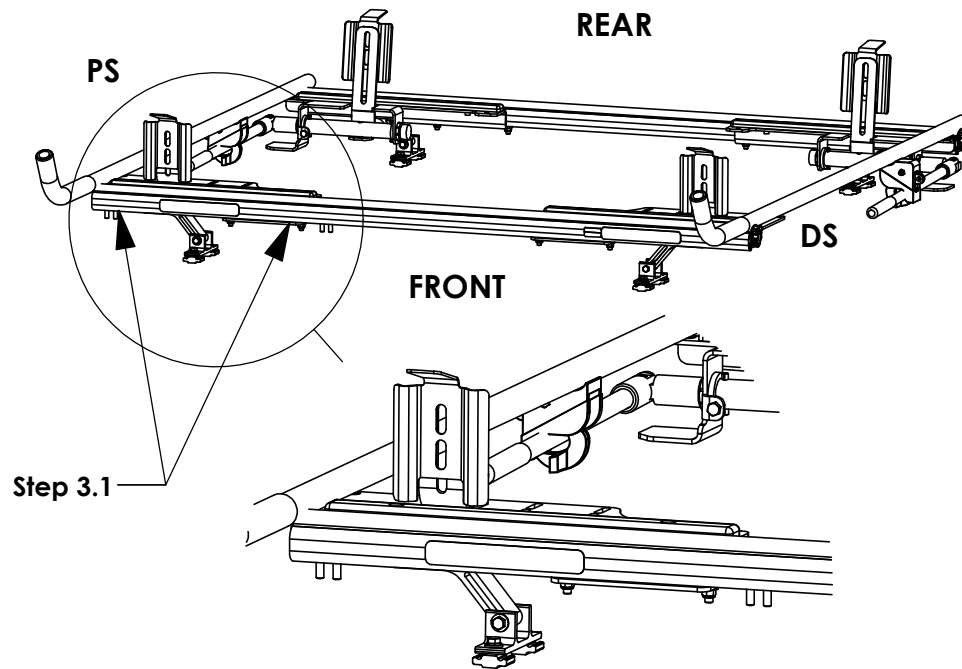
FOR PROLIFTS,
THE ORDER OF
INSTALL IS AS
FOLLOWS: #1-
(INTERIOR EXT
KIT SLIDE), #2-
(MOUNTING
BRACKET SLIDE)
#3-(EXTERIOR
EXT KIT SLIDE)

Prolift, DS

STEP 3 - REINSTALL LADDER RACK WITH NEW CROSSBOW HDW INSTALLED

Step 3.1
GRIPLOCK ONLY:
SLIDE GRIPLOCK
BACK ONTO
CROSSBOWS AS
PREVIOUSLY
INSTALLED, OR AS
NEW INSTALL
INSTRUCTIONS
DESCRIBE

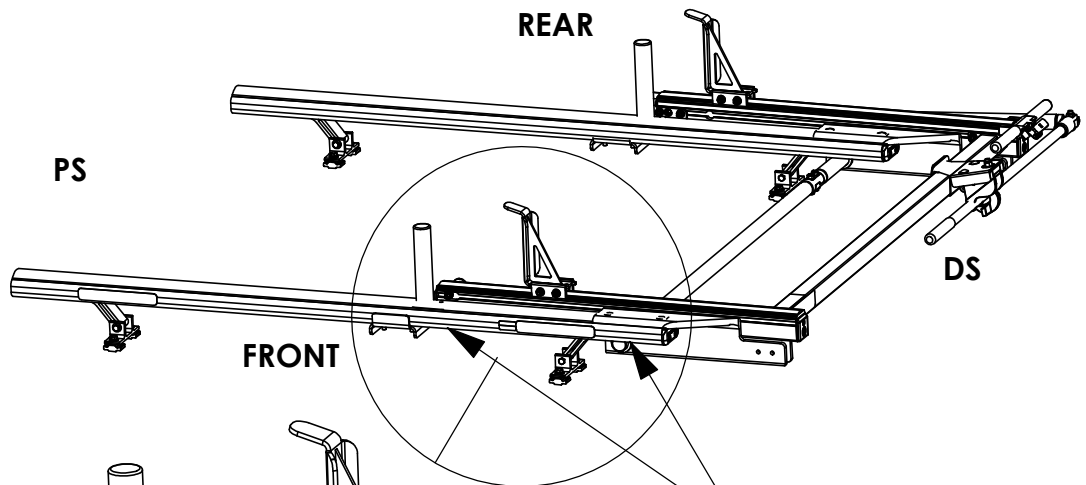
Grip-Lock, PS & DS



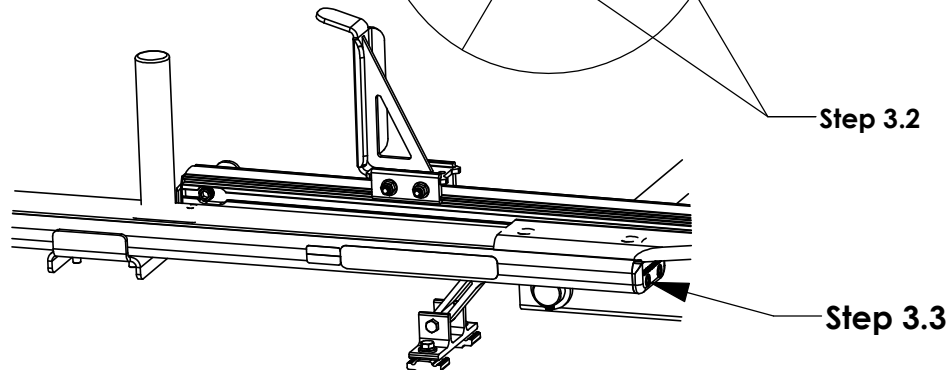
Step 3.2
GRIP-LOCK:
FULLY TIGHTEN
MOUNTING FEET
COUNTER SUNK
FASTENERS,
FAS0857,FAS0858
(4) PLACES FRONT
AND REAR.
1/2" SOCKET
DRIVE RATCHET

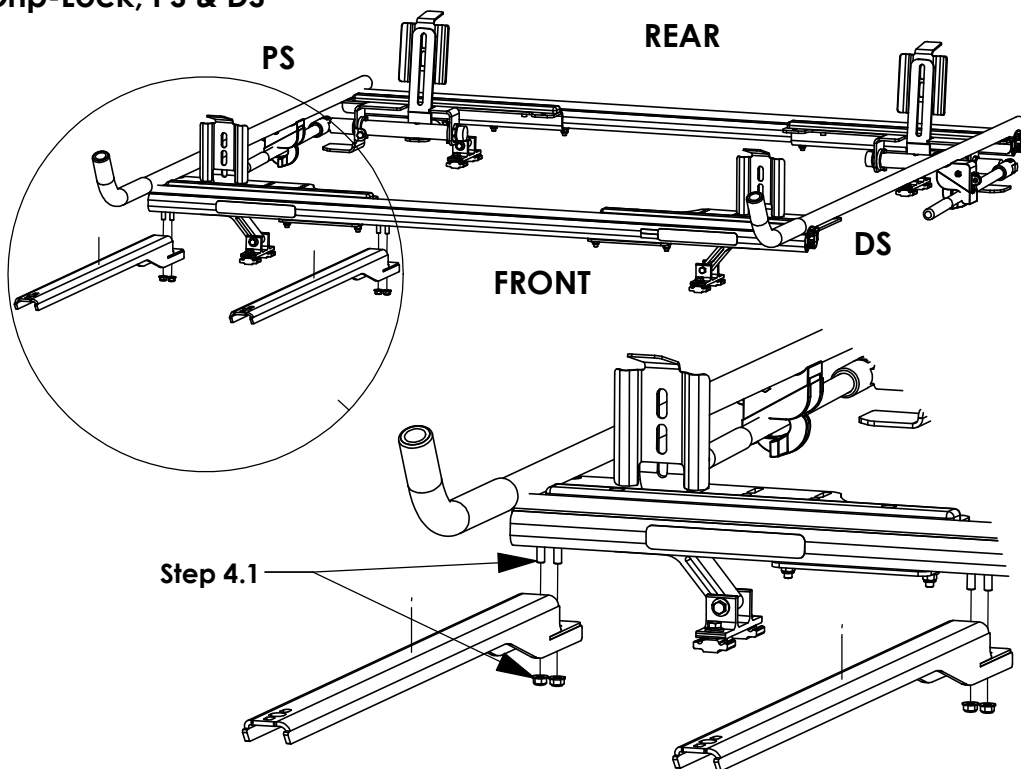
Prolift, DS

PROLIFT:
FULLY TIGHTEN
INSTALL FRONT
MOUNTING FEET
COUNTER SUNK
FASTENERS,
FAS0857,FAS0858
(2) PLACES ON
PROLIFT (FRONT
DROP ASSEMBLY
ONLY),
1/2" SOCKET
DRIVE RATCHET

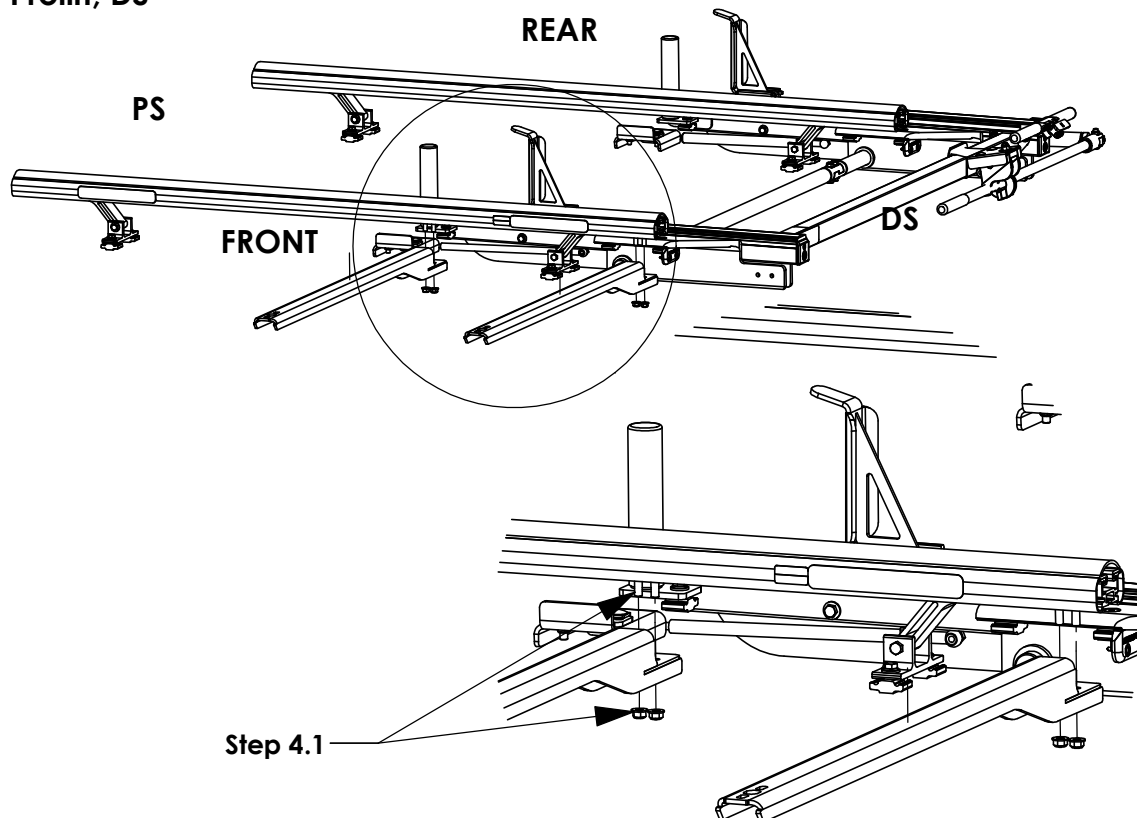


Step 3.3
REINSTALL END
CAP AND FULL
TIGHTEN
3/8" SOCKET
DRIVE RATCHET



STEP 4 - INSTALL EXTENSION ARMS**Grip-Lock, PS & DS**

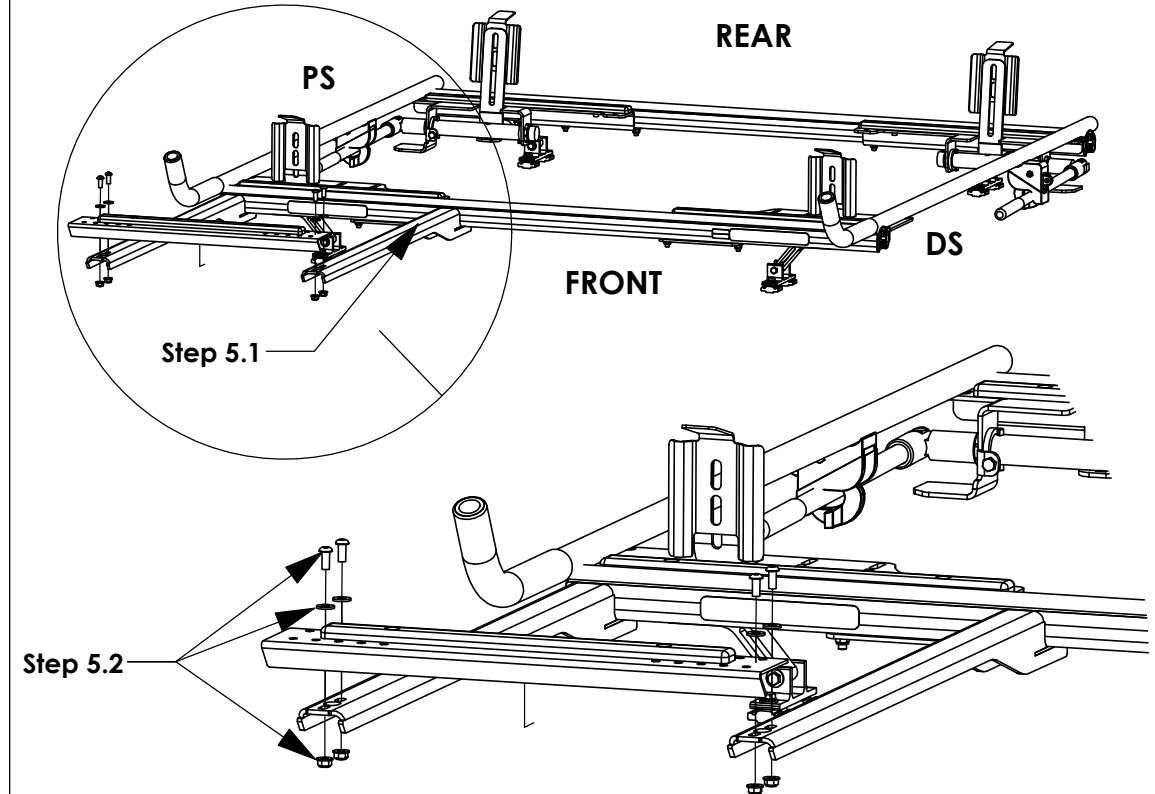
Step 4.1
LOOSLEY
TIGHTEN UNTILL
STEP 5 IS
COMPLETE
FAS0861 (4) AND
ARM 73828-W
(2 PLACES)
1/2 WRENCH
1/2 SOCKET
DRIVE RATCHET

Prolift, DS

STEP 5 - ALIGN EXTENSION KIT WEAR STRIP WITH LADDER RACK WEAR STRIP

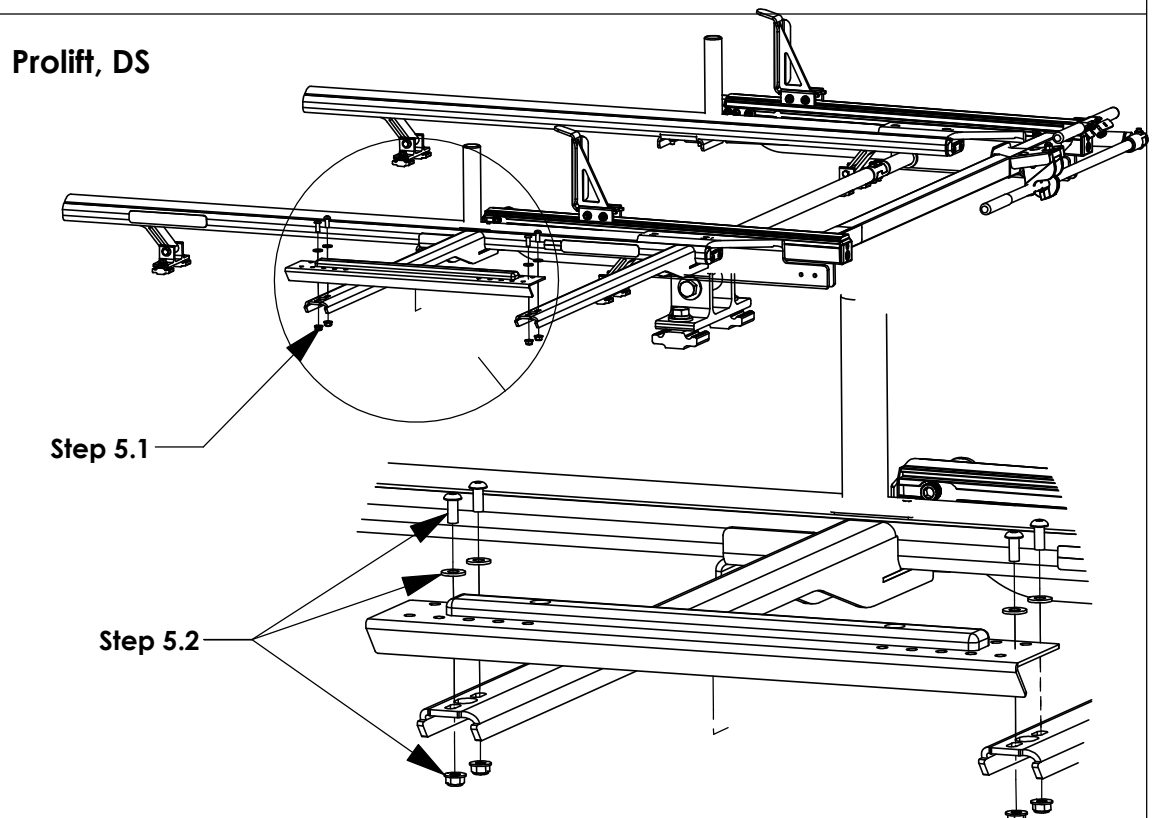
Step 5.1
ALIGN WEAR STRIP ON EXTENSION KIT WITH WEAR STRIP ON LADDER RACK. ALIGN HOLES AT NEAREST LOCATION

Grip-Lock, PS & DS



Step 5.2
FULLY TIGHTEN
FAS0668,
FAS0552, AND
FAS0861
(4 PLACES)
1/2 WRENCH
1/2 SOCKET

Prolift, DS



NOTE: THE INSTALLATION IS NOW COMPLETE ENSURE ALL FASTENRES ARE TIGHTENED