



## Single Crossbar Kit, 96", White, Box Truck



PRODUCT WEIGHT  
**13.4 LBS**

CROSSBOW LENGTH X  
HEIGHT

**96" x 2"**

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

COLOR

**WHITE**

CATALOG NUMBER

**1BARBOXW**

### PRODUCT FEATURES

Aluminum base 1-crossbow kit for PROFILE™ HD Utility, PRO-LIFT, or combo ladder racks for 3+Bar racks. Works with MOST box trucks and trailers (rounded top and box top).

Optional uprights and conduit kits are available!

HD Utility ladder racks are not recommended for 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.**

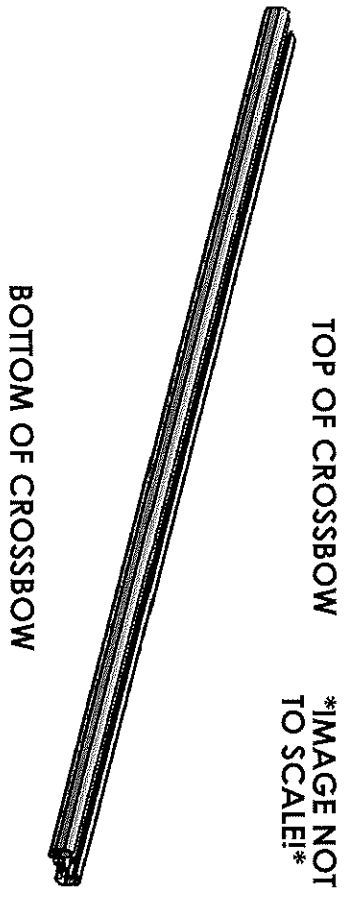
PLEASE SELECT THE ASSEMBLY SEQUENCE THAT BEST WORKS FOR YOU!



## ASSEMBLY STEPS:

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

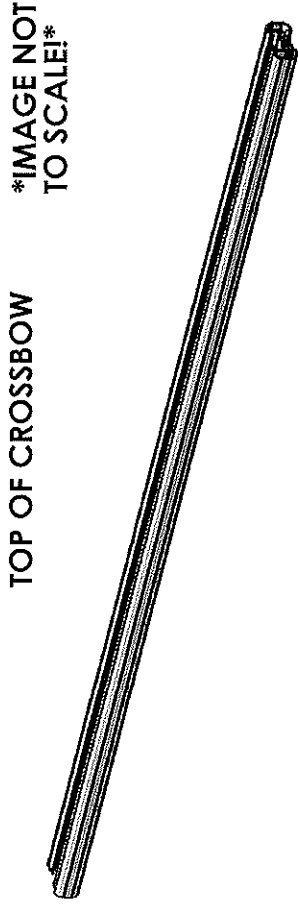
*INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!*



**TABLE 1**

TOP OF CROSSBOW		COMPONENTS TO INSTALL
A.1		- CONDUIT KIT OR BEACON
	HD UTILITY	
	Grip-Lock	
A.2		- CONDUIT KIT OR BEACON
BOTTOM OF CROSSBOW		
COMPONENTS TO INSTALL		
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**

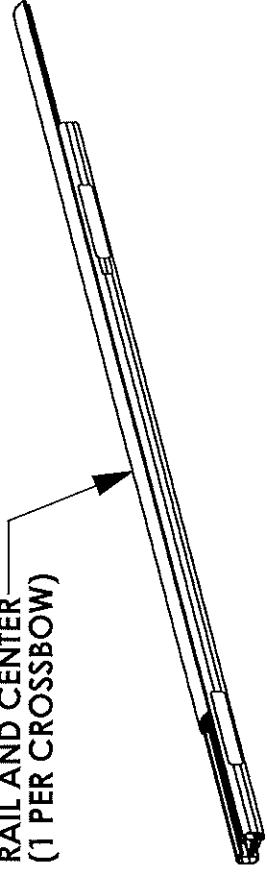
TOP OF CROSSBOW	
	COMPONENTS TO INSTALL
HD UTILITY	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
Grip-Lock	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
ProLift	- INNER STOP POST
BOTTOM OF CROSSBOW	
	COMPONENTS TO INSTALL
HD UTILITY	- MOUNTING BRACKETS
Grip-Lock	- MOUNTING BRACKETS
ProLift	- MOUNTING BRACKETS

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

**TABLE 3**

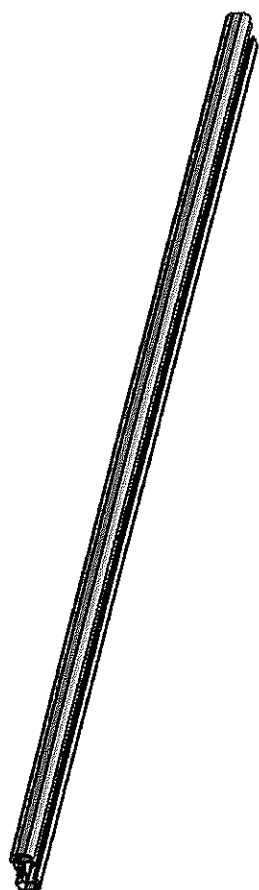
ADDED ACCESSORIES	ALTERATION FOR WEAR STRIP
4" UPRIGHT***	REMOVE 2" FROM END OF WEAR STRIP
4" PVC CONDUIT KIT	REMOVE 7.25" FROM CENTER OF WEAR STRIP
6" PVC CONDUIT KIT	REMOVE 9.50" FROM CENTER OF WEAR STRIP
ALUMINUM BOX CONDUIT KIT	REMOVE 13.25" FROM CENTER OF WEAR STRIP
BEACON	REMOVE 4" FROM CENTER 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		BOTTOM 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	

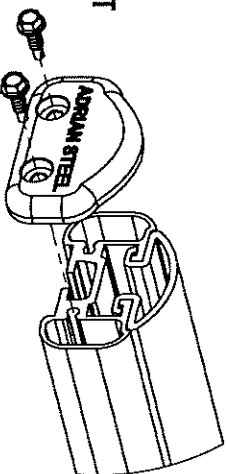
**ASSEMBLY STEPS (FULL BENCH ASSEMBLY):**

- 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

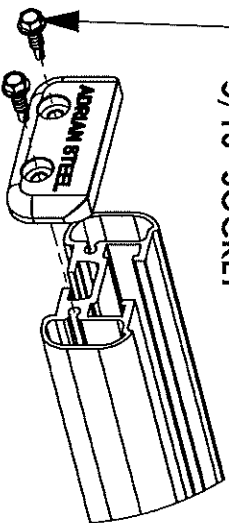
USED FOR HD UTILITY & Grip-Lock RACKS

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)

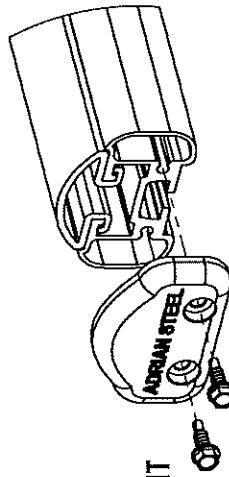
**ALTERNATE ASSEMBLY METHOD!**  
**(ASSEMBLE ON VEHICLE ROOF):**

- 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!)

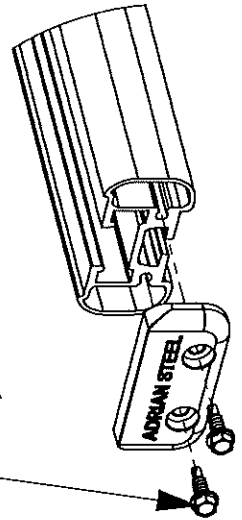
8R. ASSEMBLE END CAPS TO CROSSBOW

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