

NSTR. •								
	10100	PG:	REV:	ITEM NO.	PART NUME	BER	DESCRIPTION	QTY.
NUMBER •	68499	' 1	В	1	68190-W		MAX DROP ARM ASM,MR,DS, WHITE	1
		•		2	68013-W		DROP DOWN FRONT ARM ASM DS, WHITE	1
PART PLMDPSM & PLMDDSM			3	48265		DAMPER ASSEMBLY	1	
			4	66959-W		DROP DOWN OUTER BAR, WELDMENT, WHITE	1	
				5	58239		COMPRESSION DAMPER	1
PART •	PROLIFT,	MAX,PS,MR	1	6	51989		HANDLE ASM, NO PAINT	1
DESC. •		&	1	7 66563-B			DROP DOWN, SS CENTER DRIVELINE, BLK	1
	PROLIFT,I	MAX,DS,MR		8	68037-B		CLAMP PAD, 6.5", BLACK	2
				9	68186-W		PROLIFT INNER POST, WHITE	1
				10	68196-W		PROLIFT MAX DROP STOP, WHITE	1
				11	68045-W		PROLIFT DAMPER MOUNT, WHITE	2
PLMDD	J2WW	11) 2		8				
EM NO. PAR		N A A V 1		RIPTION	I P PS	QTY.		
1 6818	89		OROP C	ARTRIDGE,		1		
1 6818 2 6803	89 31-W	DROP DOW	OROP C N FRON	ARTRIDGE, IT ARM ASSI	m ps, white	1		
1 6818 2 6803 3 4826	89 31-W 65	DROP DOW	DROP C N FRON DAMPER	ARTRIDGE, IT ARM ASSI R ASSEMBLY	M PS, WHITE	1 1		
1 6818 2 6803 3 4826 4 6695	89 31-W 65 59-W	DROP DOW [DROP DOWN	DROP C N FRON DAMPER I OUTER	ARTRIDGE, IT ARM ASSI R ASSEMBLY BAR, WELD	M PS, WHITE	1 1 1		
1 6818 2 6803 3 4826 4 6693 5 6803	89 31-W 65 59-W [DROP DOW [DROP DOWN CL/	DROP C N FRON DAMPER I OUTER AMP PAI	ARTRIDGE, T ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA	M PS, WHITE OMENT, WHITE CK	1 1		
1 6818 2 6803 3 4826 4 6693 5 6803 6 5823	89 31-W 65 59-W [37-B	DROP DOW [DROP DOWN CL/ CO	DROP C N FRON DAMPER I OUTER AMP PAI DMPRESS	ARTRIDGE, IT ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA SION DAMP	M PS, WHITE DMENT, WHITE CK PER	1 1 1		
1 6818 2 6803 3 4826 4 6695 5 6803 6 5823 7 6818	89 31-W 65 59-W [37-B 39 86-W	DROP DOW [DROP DOWN CLA CC PRO	DROP C N FRON DAMPER I OUTER AMP PAI DMPRESS LIFT INNI	ARTRIDGE, IT ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA SION DAMP ER POST, W	M PS, WHITE MENT, WHITE CK PER WHITE	1 1 1 2 1		
1 6818 2 6803 3 4826 4 6695 5 6803 6 5823 7 6818 8 6804	89 31-W 65 59-W [37-B 39 86-W	DROP DOW [DROP DOWN CL/ CC PRO PROLIF	DROP C N FRON DAMPER I OUTER AMP PAI DMPRESS LIFT INNI T DAMP	ARTRIDGE, T ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA SION DAMP ER POST, W ER MOUNT,	M PS, WHITE OMENT, WHITE CK PER CHITE WHITE	1 1 1		
1 6818 2 6803 3 4826 4 6693 5 6803 6 5823 7 6818 8 6804 9 6657	89 31-W 65 59-W 1 37-B 39 86-W 45-W	DROP DOW CLA CC PRO PROLIF DROP DOW	DROP C N FRON DAMPER I OUTER AMP PAI DMPRESS LIFT INN I DAMP IN, CS C	ARTRIDGE, IT ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA SION DAMP ER POST, W ER MOUNT, CENTER DRI	M PS, WHITE CK PER (HITE , WHITE VELINE, BLK	1 1 1 2 1		
1 6818 2 6803 3 4826 4 6693 5 6803 6 5823 7 6818 8 6804 9 6657 10 5198	89 31-W 65 59-W 1 37-B 39 86-W 45-W	DROP DOW [DROP DOWN CL/ CC PRO PROLIF DROP DOW HA	DROP C N FRON DAMPER I OUTER AMP PAI DAMPRESS LIFT INNI T DAMP I DAMP I DAMP	ARTRIDGE, T ARM ASSI R ASSEMBLY BAR, WELD D, 6.5", BLA SION DAMP ER POST, W ER MOUNT,	M PS, WHITE OMENT, WHITE CK PER 'HITE , WHITE VELINE, BLK	1 1 1 2 1	PLMDPSMW	

2

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.

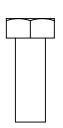
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

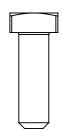
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

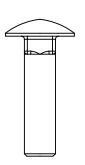
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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









FAS0283 SCREW,HH 5/16-18X.875 QTY: 3

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 5/16-18X1.13 QTY: 4

34927-0 BALL STUD 13MM X 5/16-18 QTY: 2







FAS0552 WASHER,FLAT USS 5/16 QTY: 7

FAS0588 WASHER,LCK SPLIT 5/16 QTY: 1

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



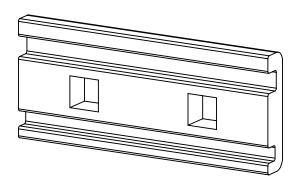


FAS0838 BOLT,CRG 5/16-18X2.5 QTY: 04

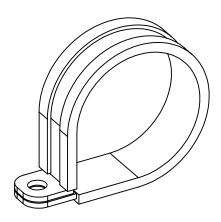
FAS0861 NUT,HEX NLK FLG 5/16-18 QTY: 20

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

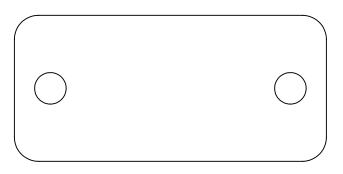
FASTENERS AND HARDWARE USED



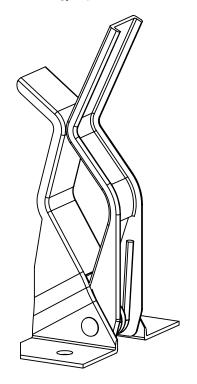
65963 REAR ROLLER, SPACER QTY: 4



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



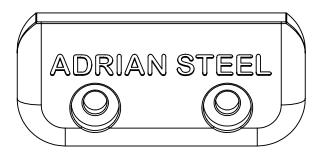
64831 REAR ROLLER, SPACER QTY: 02



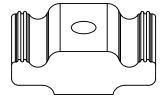
34922-0 HOLDER, TOOL QTY: 1



64830 REAR ROLLER, BOLT PLATE QTY: 2



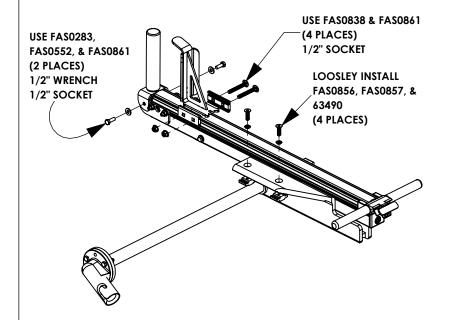
65961 DROP DOWN END CAP QTY: 2



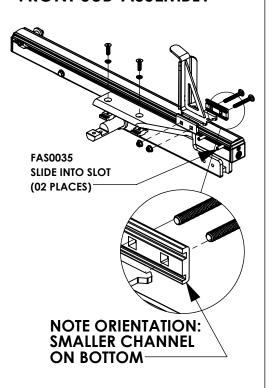
63490 RAIL SLIDE, 1" QTY: 5

PASSENGER SIDE CARTRIDGES

REAR SUB-ASSEMBLY



FRONT SUB-ASSEMBLY

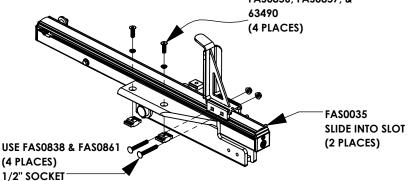


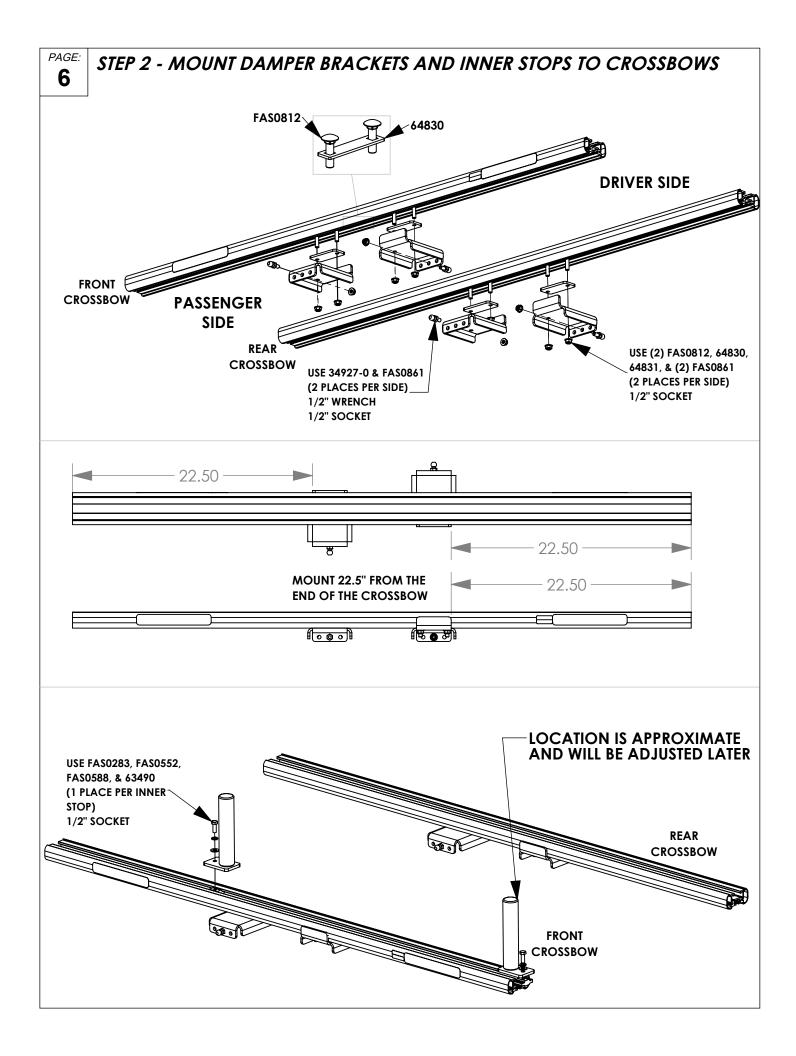
DRIVER SIDE CARTRIDGES

FRONT SUB-ASSEMBLY

USE FAS0283,
FAS0552, & FAS0861
(2 PLACES)
1/2" WRENCH
1/2" SOCKET

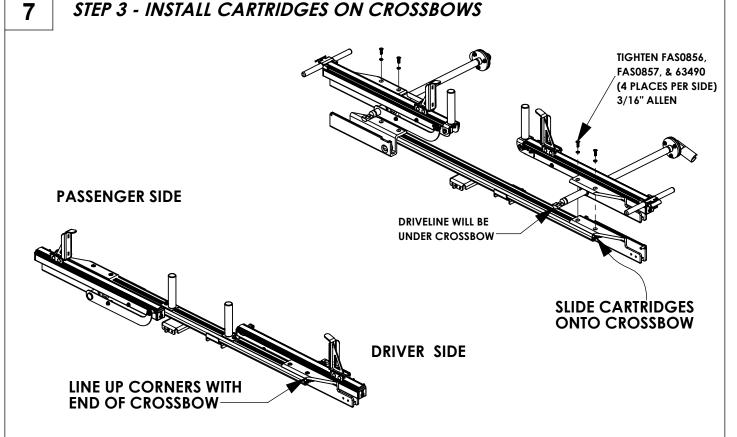
LOOSELY INSTALL
FAS0856, FAS0857, &



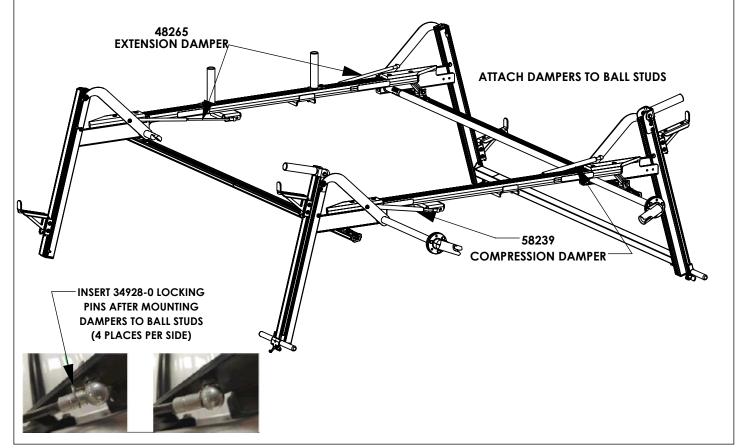




STEP 3 - INSTALL CARTRIDGES ON CROSSBOWS



STEP 4 - INSTALL DAMPERS

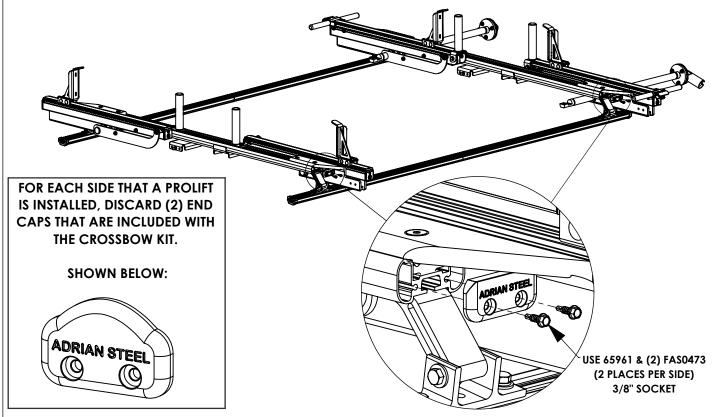


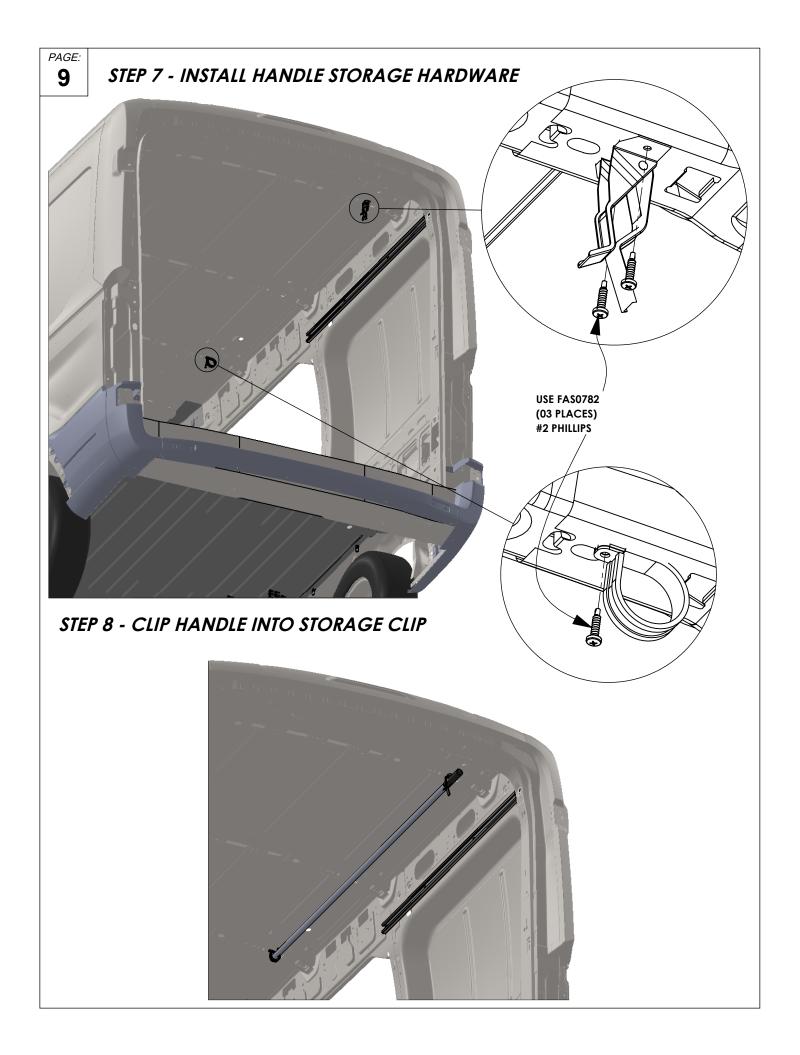
REAR



66563-B

64.25" LONG

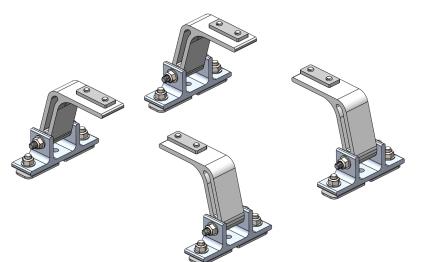






Mounting Bracket Kit for OEM Rail, 4-Pack, White, Sprinter

PRODUCT WEIGHT
4.1 LBS



HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY

REFER TO OEM'S RECOMMENDED LOAD RATING COLOR

WHITE

CATALOG NUMBER

SPRMBK4W

PRODUCT FEATURES

Mercedes Sprinter aluminum mounting bracket kit for the PROFILE™ HD Utility, grip lock, drop down, and combo ladder racks. Mounting kit works for low roof vehicles with the OEM roof rail option.

Utility and grip lock racks are not recommended for high roof vehicles!

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

PAGE 1 of 2

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CATALOG NUMBER

SPRMBK4W

PRODUCT APPLICATION

This product is designed to be installed on Mercedes Sprinter vans with OEM roof rail option. HD Utility and grip lock racks are not recommended for high roof vehicles!

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
SPRMBK2W	Mounting Bracket Kit for OEM Rail, 2-Pack, White, Sprinter	4UPK4B	4" Upright Kit, 4-Pack, Black
2BARW	2-Crossbar Kit, 68", White, Full Size Van	4UPK2B	4" Upright Kit, 2-Pack, Black
1BARW	Single Crossbar Kit, 68", White, Full Size Van	6UPK4B	6" Upright Kit, 4-Pack, Black
70-1NGLR	4" End Cap for PVC Conduit	6UPK2B	6" Upright Kit, 2-Pack, Black
70-2NGLR	6" End Cap for PVC Conduit	9UPK4B	9" Upright Kit, 4-Pack, Black
80-1NGLR	Conduit Kit, 10w x 6h x 126d, Multiple Vehicles	9UPK2B	9" Upright Kit, 2-Pack, Black
80-2NGLR	Conduit Kit, 10w x 6h x 150d, Multiple Vehicles	RSK1B	Single Ratchet Upright Kit, 9"
		ULSKB	Single Ladder Stop Kit

LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

CONFIGURATION	RACK HEIGHT LOW / HIGH ROOF
Base Rack	5" / 5.6"
Base + Ladder Stop	10.5" / 11.1"
Base + 4" Uprights	8.5" / 9.1"
Base + 6" Uprights	10.5" / 11.1"
Base + 9"/Ratchet Uprights	13.5" / 14.1"
Base + 4" PVC Conduit Kit	9.4" / 10"
Base + 6" PVC Conduit Kit	11.4" / 12"
Base + Aluminum Box Conduit Kit	11.5" / 12.1"

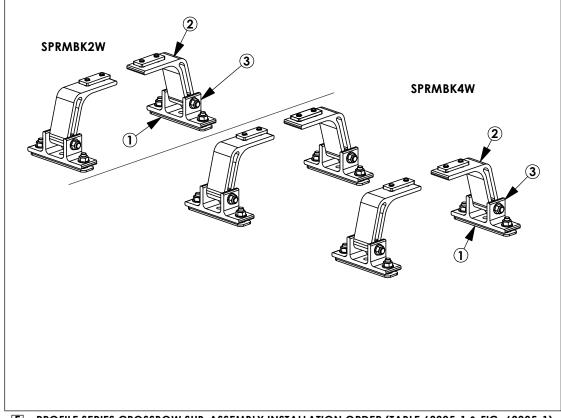
PAGE 2 of 2

INSTR. : 64712	PG:	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	SPRMBK4W	SPRMBK2W
			1	63911	UTILITY, PM MOUNT PLATE	4	2
PART : SPRMBK			2	68202-W	PROFILE, MOUNTING ARM, W	4	2
			3	63852-W	UTILITY, MOUNTING BRKT, W	4	2
PART • UTILITY,MNT BKT,SP RL		4	68042	PROFILE FOOT MOUNTING PLATE	2	-	
			5	FAS0857	WASHER,LCK EXT CS 5/16 SS	5	-
			6	FAS0858	SCREW,FHH 5/16- 18X.63 SS	5	-

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS TO MOUNT TO THE SPRINTER OEM ROOF RAIL:

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

- -SPRMBK4W
- -SPRMBK2W -SPRMBK4B -SPRMBK2B



[E] - 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



FAS0398 5/16-18X1.0 SS CRG BOLT QTY: 8



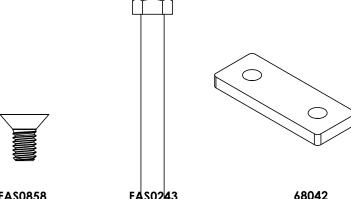
FAS0861 5/16-18 SS HH FLG NUT QTY: 12



FAS0552 5/16 SS FLAT WASHER QTY: 4



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

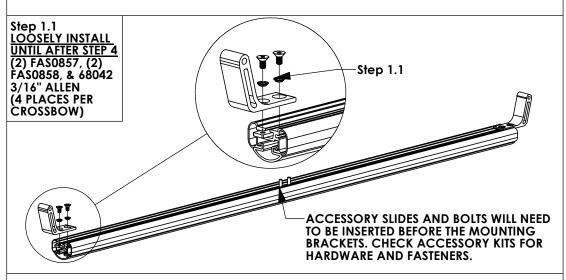


FAS0858 5/16-18X.63 **FHH SCREW** QTY: 8

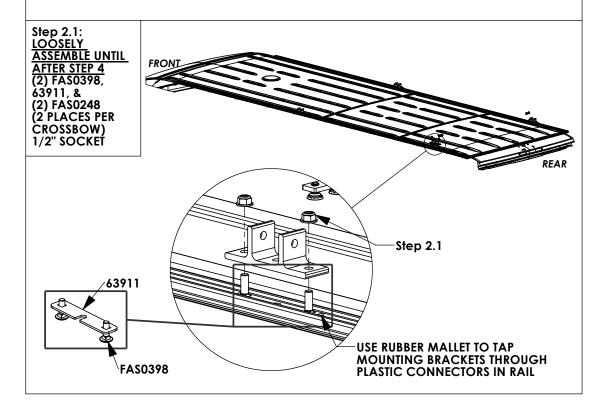
FAS0243 5/16-18X2.5 SS HH SCREW QTY: 4

68042 PROFILE FOOT MOUNTING PLATE QTY: 4

PAGE:	
4	
	INTENTION AND LETT BLANK
	INTENTIONALLY LEFT BLANK

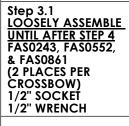


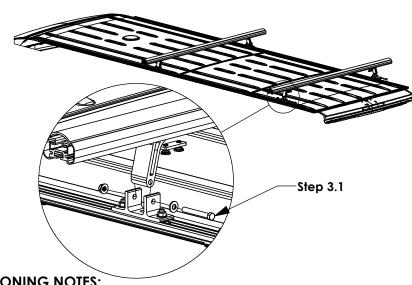
STEP 2 - INSTALL MOUNTING BRACKETS TO VAN ROOF





STEP 3 - ATTACH CROSSBOW ASSEMBLY TO ROOF





CROSSBOW POSITIONING NOTES:

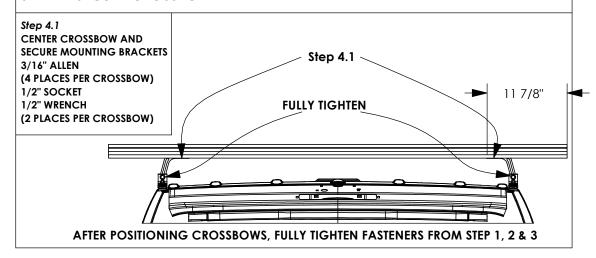
HD UTILITY RACK -

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 4 - SECURE CROSSBOW





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.

INSTALLATION GUIDE FOR PROFILE™ SERIES LADDER RACKS

68895



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.

REV:

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 HD UTILITY CONDUIT KIT OR BEACON Grip-Lock **A.1** CONDUIT KIT OR BEACON - CONDUIT KIT OR BEACON ProLift **BOTTOM OF CROSSBOW** COMPONENTS TO INSTALL LADDER STOP, STROBE BRACKET, HD UTILITY AND/OR REAR ROLLER **A.2** 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!



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)			
	<u>ProLift</u>	- INNER STOP POST			
	BOTT	OM OF CROSSBOW			
	CC	DMPONENTS TO INSTALL			
B.2	HD UTILITY	- MOUNTING BRACKETS			
	Grip-Lock	- 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







PAGE.

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



TABLE 4

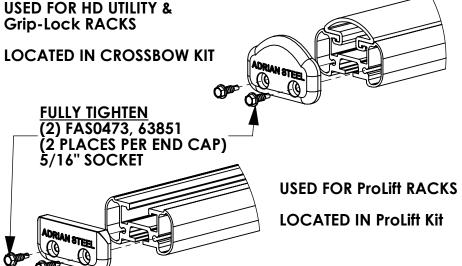
TOP OF CROSSBOW					
	COMPONENTS TO INSTALL				
	HD UTILITY	- 4" UPRIGHT			
C.1	<u>Grip-Lock</u>	- N/A			
	<u>ProLift</u>	- SLIDES FOR BASE EXTRUSION			

DOTTOM OF CROSSROW

ROLLOW OF CKO22ROM					
	COMPONENTS TO INSTALL				
	HD UTILITY	- UPRIGHTS (6", 9", RATCHET)			
C.2	Grip-Lock	- STROBES			
	<u>ProLift</u>	- 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



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)

<u>ALTERNATE ASSEMBLY METHOD!</u> (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)

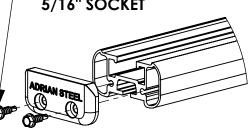
- 3R. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO VEHICLE/MOUNTING BRACKET, OR ROOF RAIL (LOOSE INSTALL)
- 4R. ADD DRIVELINES (IF INSTALLING ProLift)
- 5R. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLift) AND DAMPERS (IF INSTALLING ProLift)
- 6R. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)
- 7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)



USED FOR HD UTILITY & Grip-Lock RACKS

LOCATED IN CROSSBOW KIT





USED FOR ProLift RACKS
LOCATED IN ProLift Kit