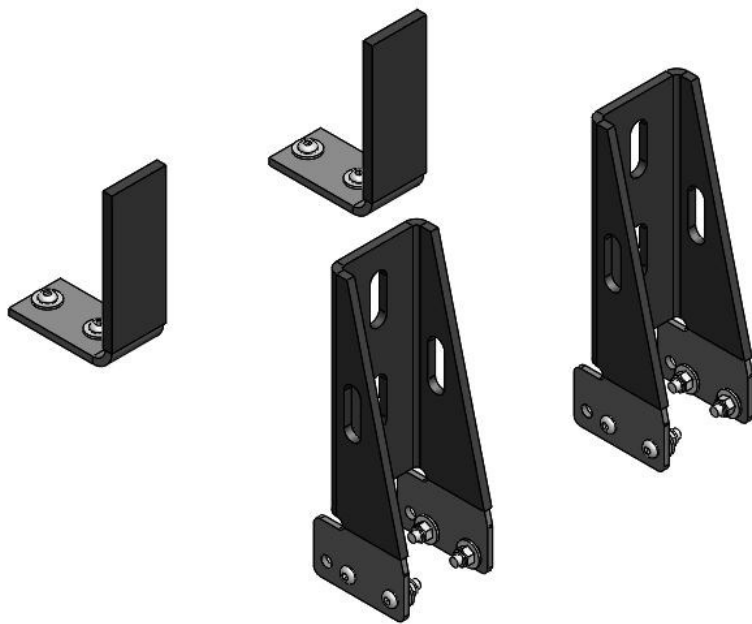


Utility Add-On Kit for Ladder Racks



PRODUCT WEIGHT
5.87 LBS

WIDTH x DEPTH x HEIGHT
N/A

CAPACITY
N/A

COLOR
BLACK

CATALOG NUMBER
65-GL

PRODUCT FEATURES

Kit features 2 Uprights and a 2 Ladder Stops that are Aluminum, Powdercoated black and dipped in black plastisol. Simple bolt-on accessory that allows the side opposite of your Adrian Steel Ladder Rack to be utilized for carrying other cargo or additional ladders.

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



CATALOG NUMBER 65-GL

PRODUCT APPLICATION

This product is designed to be installed only on the following Adrian Steel Products:

- | | |
|-----------------|-----------------|
| DDL61FTM | 61-GLFTL |
| DDL61GM | 61-GLGM |
| DDL61GM2 | 61-GLGM2 |
| DDL61NVL | 61-GLNVL |
| DDL61FTL | |

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION
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N/A

SPECIAL APPLICATION NOTES

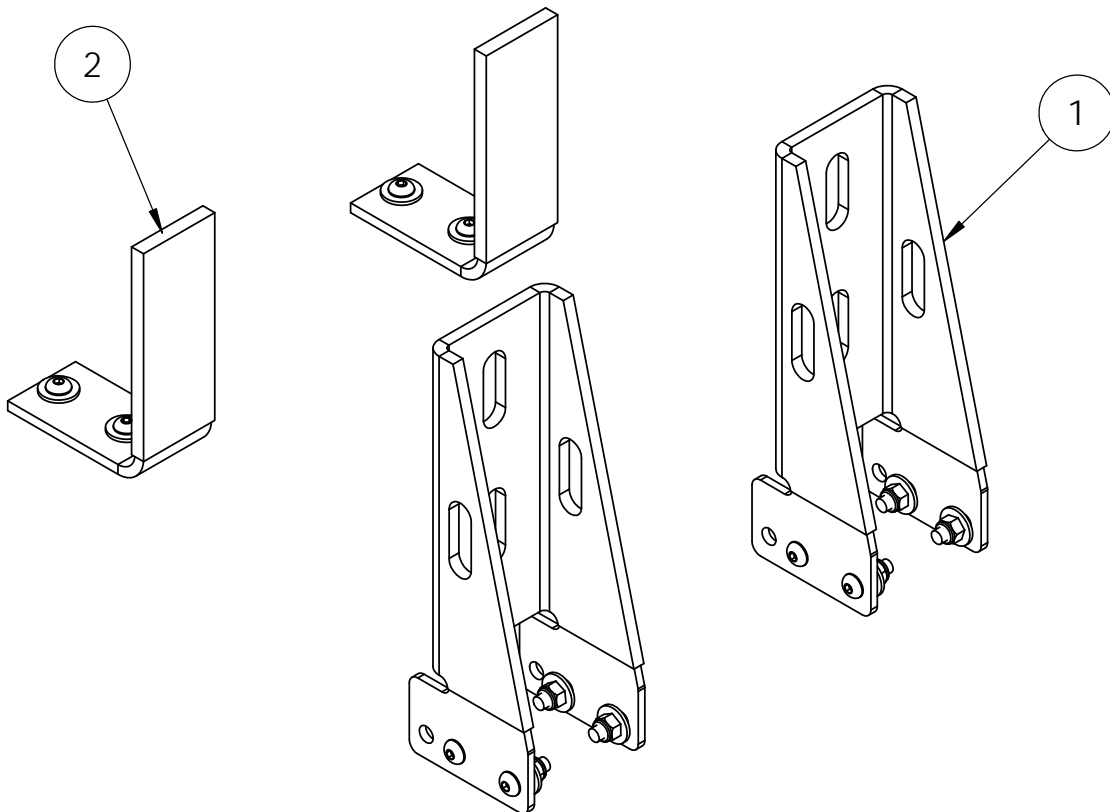
Introduction / Comments:

This utility kit is designed to utilize the unused side of Adrian Steel ladder racks; to hold and contain cargo and ladders to a stationary position.

Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your product gives you long service life.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	53500	UPRIGHT, L/R UTILITY, BLACK	2
2	53523	LADDER STOP, EZ, FINISHED	2



ASSEMBLY
65-GL UTILITY ADD-ON KIT

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- PRECAUTIONS -



CAUTION



THE USE OF AIR IMPACT TOOLS CAN OVER-TORQUE FASTENERS AND CAUSE FASTENER FAILURE!



CAUTION



ALL INSTALLATION HOLES SHOULD BE SEALED WITH SILICON OR BUTYL SEALANT TO PREVENT EXHAUST FUMES FROM ENTERING THE VEHICLE!



DANGER



INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!



TO AVOID DAMAGING THE VEHICLE ALWAYS USE DRILL STOPS WHEN DRILLING ANY INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31119-0 (3/8" X 1/2" DEEP), 31121-0 (1/2" X 1/2" DEEP)



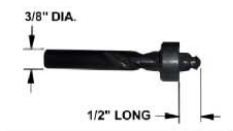
- IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH STOP



RATCHET, SOCKETS AND/OR WRENCHES



MEASURING TAPE

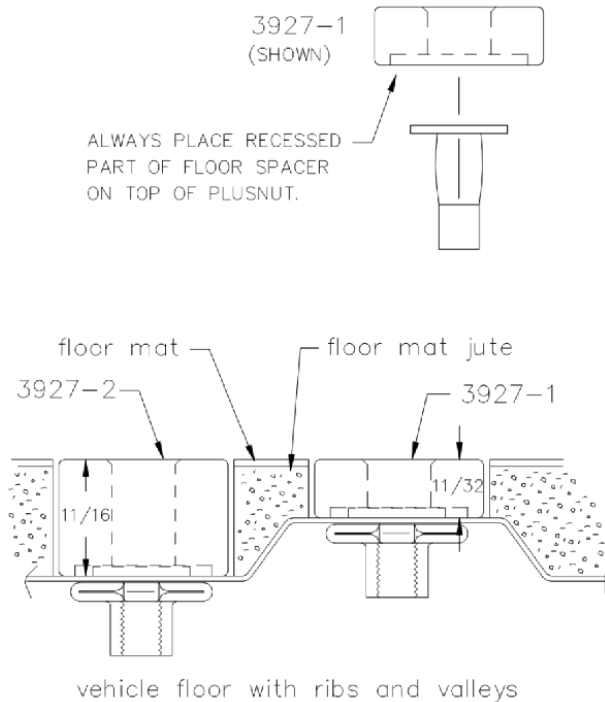


SCREWDRIVERS

ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

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If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process. Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts. If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations. Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.



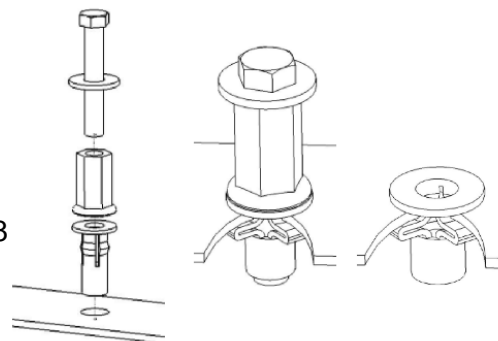
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop

- FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8
- FAS0067 WASHER, FLAT, 1/4"ID
- 22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop

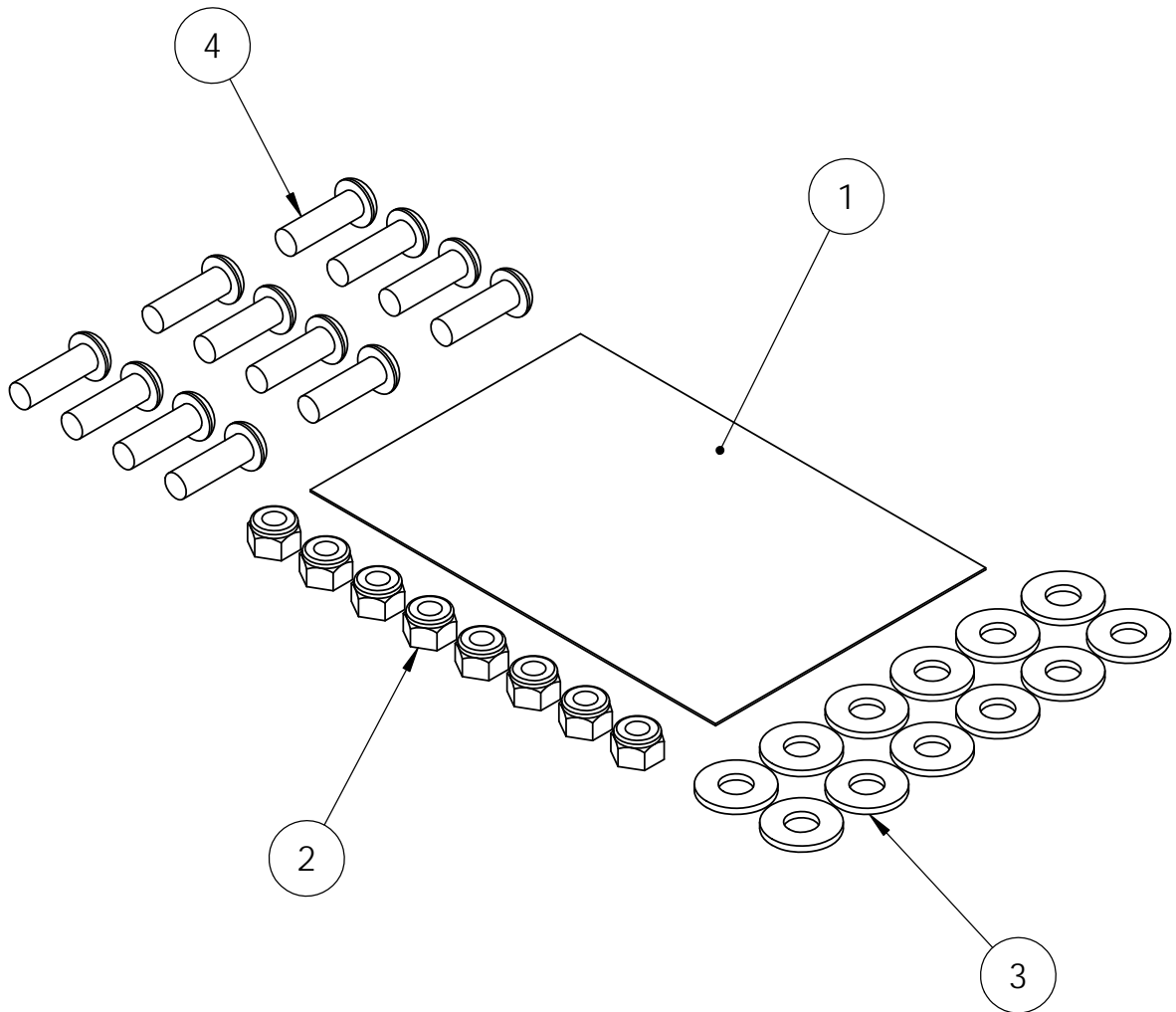
- FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
- FAS0086 WASHER, FLAT, 5/16"ID
- 22200-0 PLUSNUT TOOL



Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal. Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

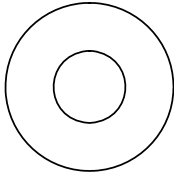
Installation and / or Assembly Fasteners
BAG65GL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0406-A	4" x 6" 3MIL AUTOBAG	1
2	FAS0248	Nut, Nylon Insert Lock, 5/16-18 SST	8
3	FAS0552	Washer, Flat, 5/16, SST	12
4	FAS0813	Screw, BHCS, 5/16-18X1.00, SS	12



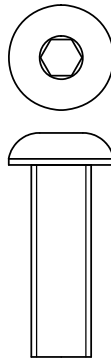
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Individual Fastener Images & Descriptions



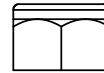
FAS0552

Washer, Flat, 5/16, SST



FAS0813

Screw, BHCS, 5/16-
18X1.00, SS

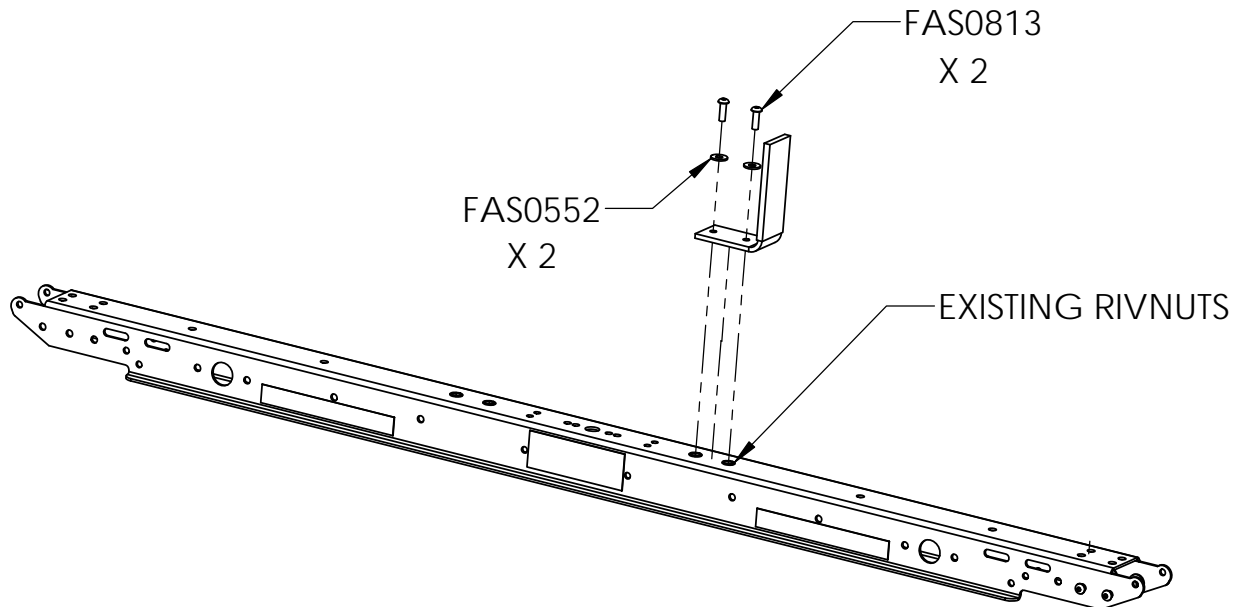


FAS0248

Nut, Nylon Insert Lock, 5/16-
18 SST

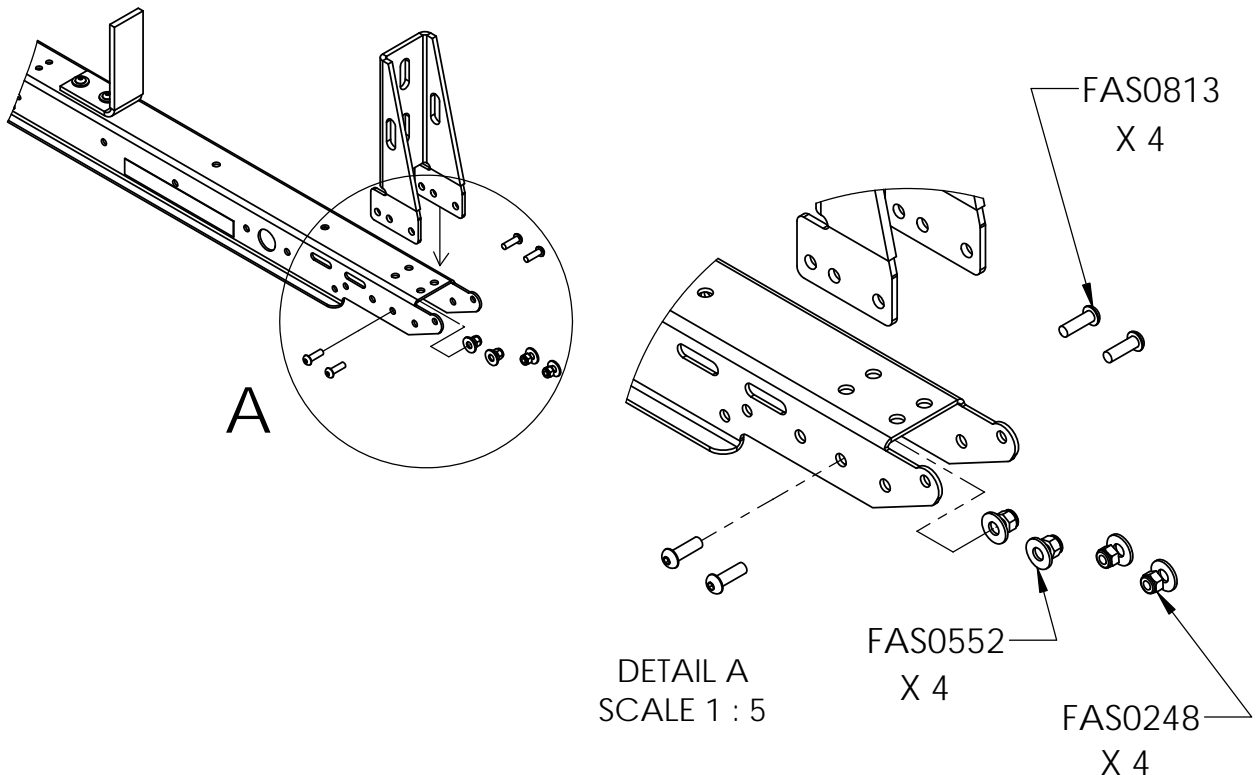
Step 01

**ASSEMBLE LADDER STOP TO RIVNUTS IN CROSS SUPPORTS.
(DO THIS FOR BOTH FRONT AND BACK CROSS SUPPORTS)**

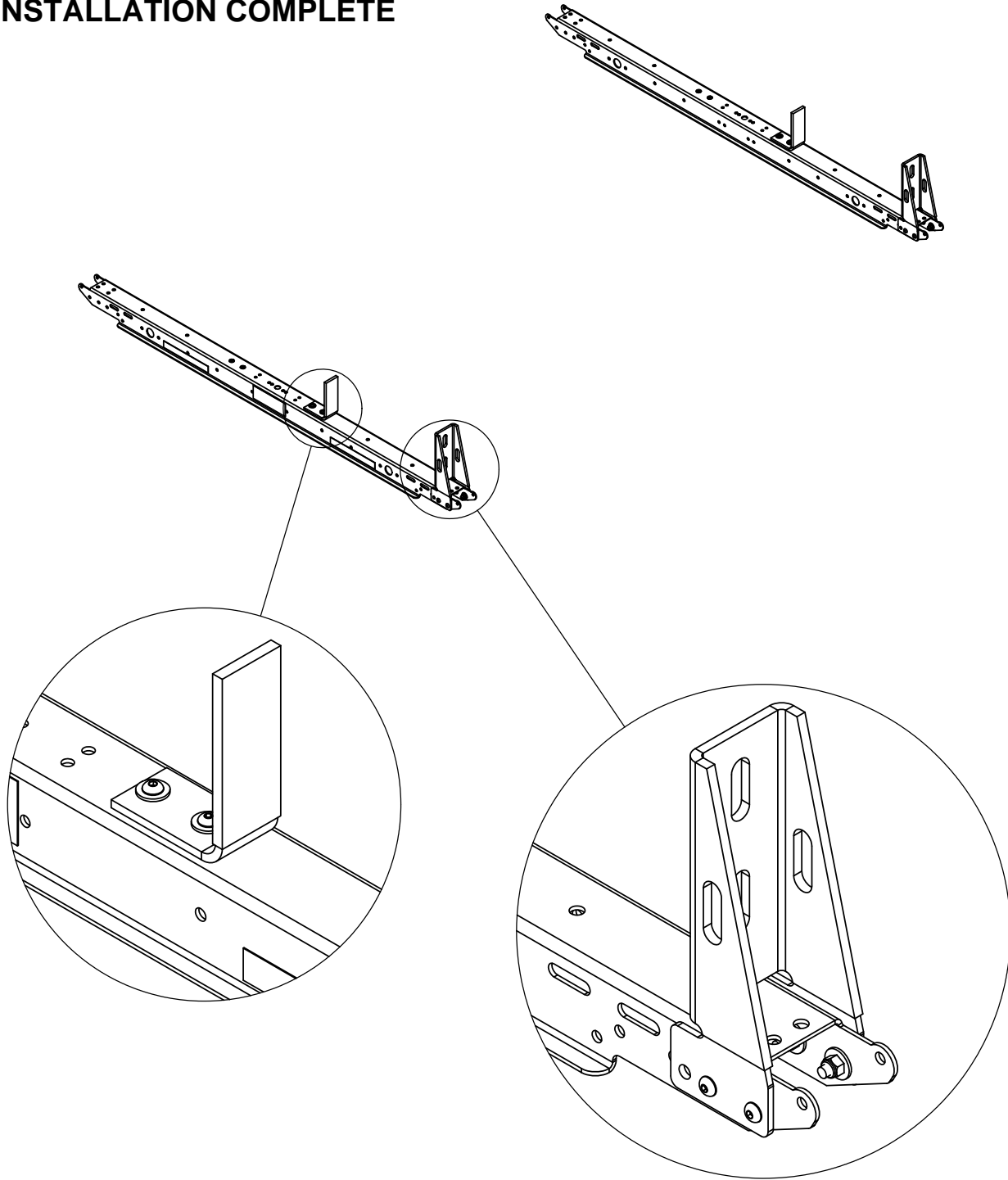


Step 02

**ASSEMBLE UPRIGHTS TO CROSS SUPPORTS.
(DO THIS FOR BOTH FRONT AND BACK CROSS SUPPORTS)**



INSTALLATION COMPLETE



**DOUBLE CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**