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1-800-501-1587  
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IN-44000\_B

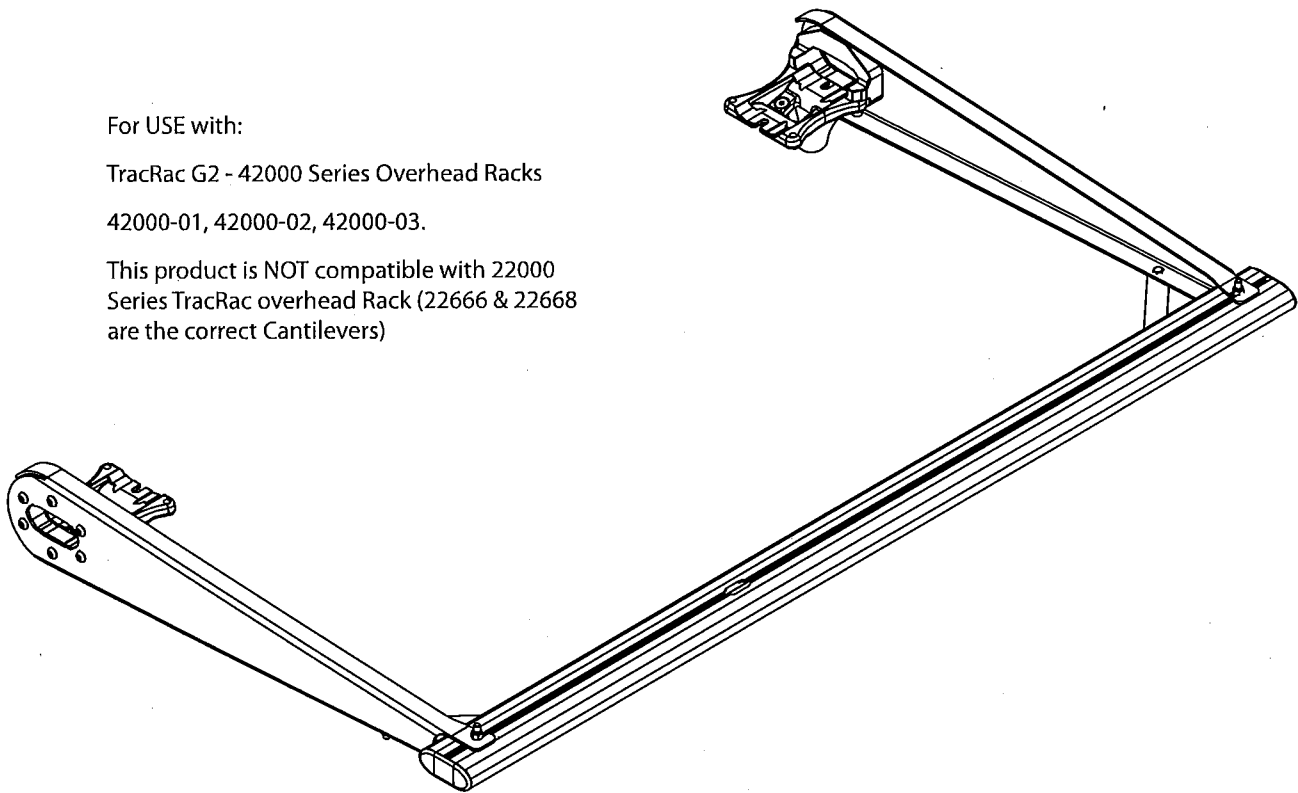
# Cantilever G2 Installation Instructions

For USE with:

TracRac G2 - 42000 Series Overhead Racks

42000-01, 42000-02, 42000-03.

This product is NOT compatible with 22000  
Series TracRac overhead Rack (22666 & 22668  
are the correct Cantilevers)



TracRac Inc.  
994 Jefferson St.  
Fall River MA 02721  
www.tracrac.com  
800-501-1587

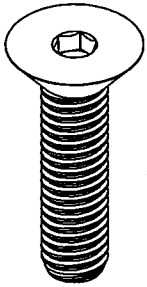


Engineered to Outlive

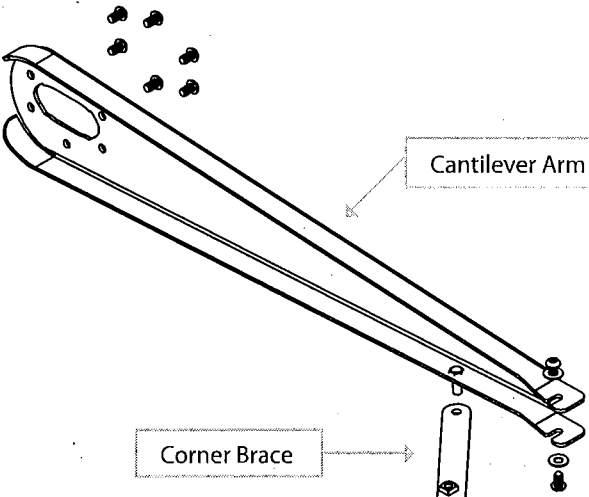
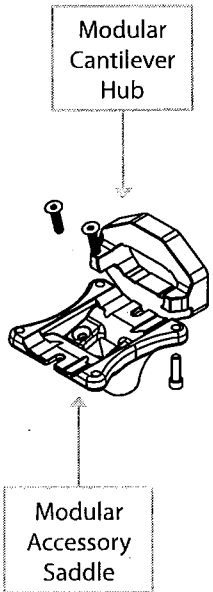
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# CANTILEVER COMPONENTS & HARDWARE

HD 01-44001



3/8"-16x1.5"  
FHCS  
QTY 4 HD-27024

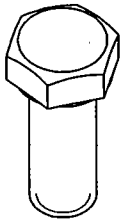


Cantilever Arm

Corner Brace

Crossbar End Cap

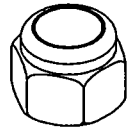
Crossbar



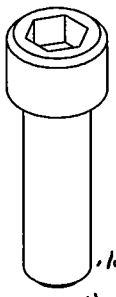
HD-80013  
3/8"-16 x 1"  
HHCS  
QTY - 2



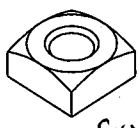
3/8"-16 x .625"  
BHCS-DRILLOC  
QTY - 18  
HD-27051



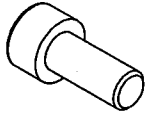
3/8-16  
Self Locking Nut  
QTY - 2  
HD-11020



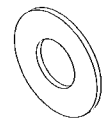
3/8-16X1-1/4 SS  
SHCS  
QTY - 4  
HD-12021A  
HD-27059



3/8 - 16  
Square Nut  
Qty - 6  
HD-80058



M6-1x14mm  
SHCS  
QTY - 2  
HD-27059



3/8"  
SS Washer  
QTY - 4  
HD-80074

- Required Tools:**
- 7/32" Allen Key\*
  - 3/16" Allen Key\*
  - 3/8" Allen Key\*
  - Socket Wrench & 9/16" Socket
  - 9/16" Wrench or Adjustable Wench
  - Tape Measure
- Recommended Tools:**
- 7/32", 3/8" & 3/16" Hex Bit Socket
  - 1/4" Socket Adaptor & Electric Drill\*\*
- \*An Allen key with a T-handle are best  
\*\*Please do not use an impact drill - a typical 12-18 volt drill is appropriate

### STEP 1

Bolt the MDP Cantilever Saddle onto the TracRac upright using (2) 5/8 FHCS. Torque bolts to 32 lb-ft. using 7/32" Allen Key. See Image A

Note: If installing the Cantilever after having fully installed a TracRac system, clean the Lock-Tight from the threads with a wire brush. Excess parts are non-returnable and should be kept incase owner decides to re-configure system.

Note: Reference Image A, to ensure the saddle is properly orientated. The small loft of the saddle should face the cleat. See Image B

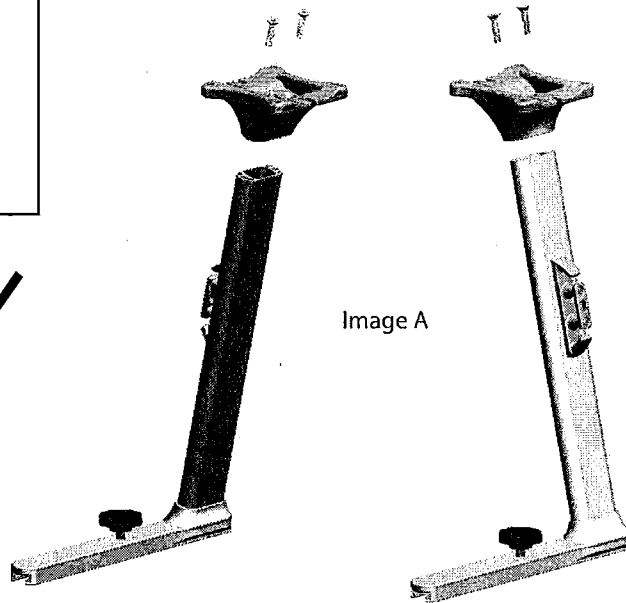
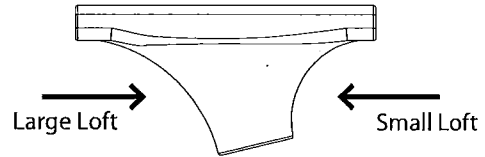
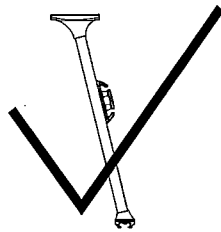


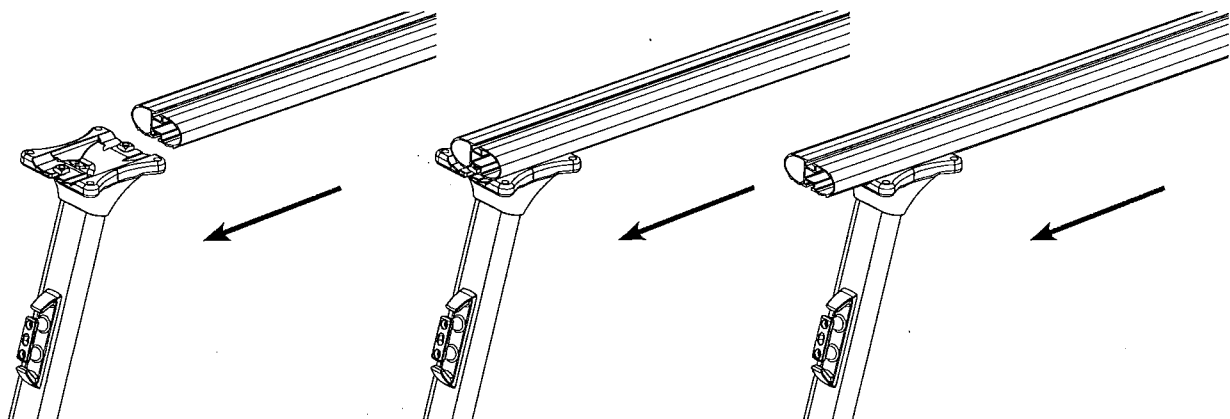
Image B



### STEP 2

Attach the crossbar to the MDP Cantilever Saddles – Reference the instructions in the TracRac G2 Overhead Racks Instruction Manual for attaching the Crossbar, Tiedown & End Cap Assembly. See Image C

Image C





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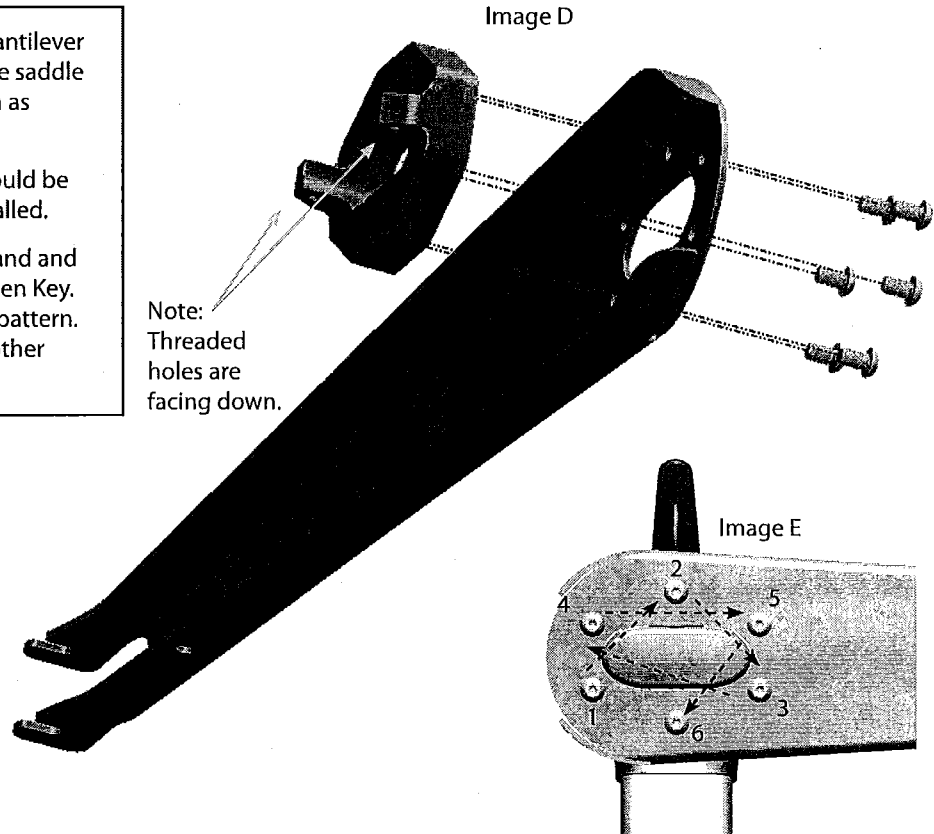
### STEP 3

Bolt the Saddle Hub to the Cantilever Arm. Note the direction of the saddle relative to the Cantilever Arm as indicated in Image D

Note: The threaded holes should be facing the ground when installed.

Insert each of the BHCS by hand and then tighten using a 7/32" Allen Key. Torque to 13.5 lb-ft. in a star-pattern. See Image E. Repeat for the other assembly.

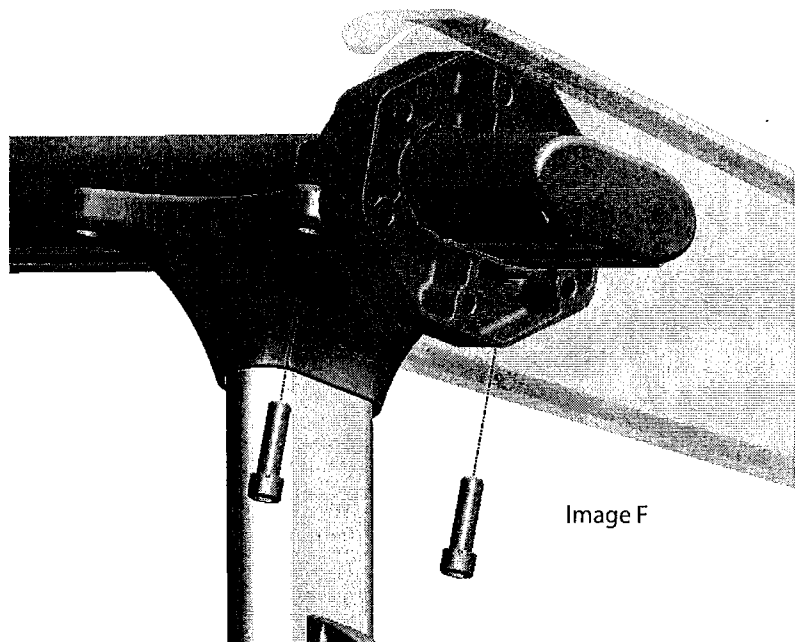
Note:  
Threaded  
holes are  
facing  
down.



### STEP 4

Slide the Cantilever Assembly onto the crossbar. The Saddle Hub should be on the inside so that the threaded portion matches up with the through holes of the Saddle. Repeat on the opposite side.

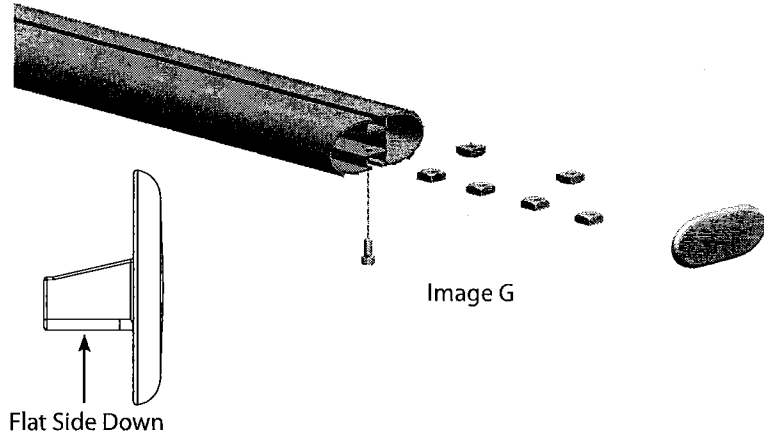
Bolt the Saddle Hub to the Saddles using 2 of the SHCS 3/8-16X1-1/4 SS. Torque to 16 lb-ft. using a 3/8" Allen Key. See Image F



### STEP 5

Assemble the crossbar. Insert 2 Square Nuts into the top of the crossbar (one on each end) and 4 Square Nuts into the bottom of the crossbar (two on each end). See Image G. Insert the End Caps into the ends of the crossbar and bolt into place with the M6-1x14mm. Tighten using the 3/16" Allen Key.

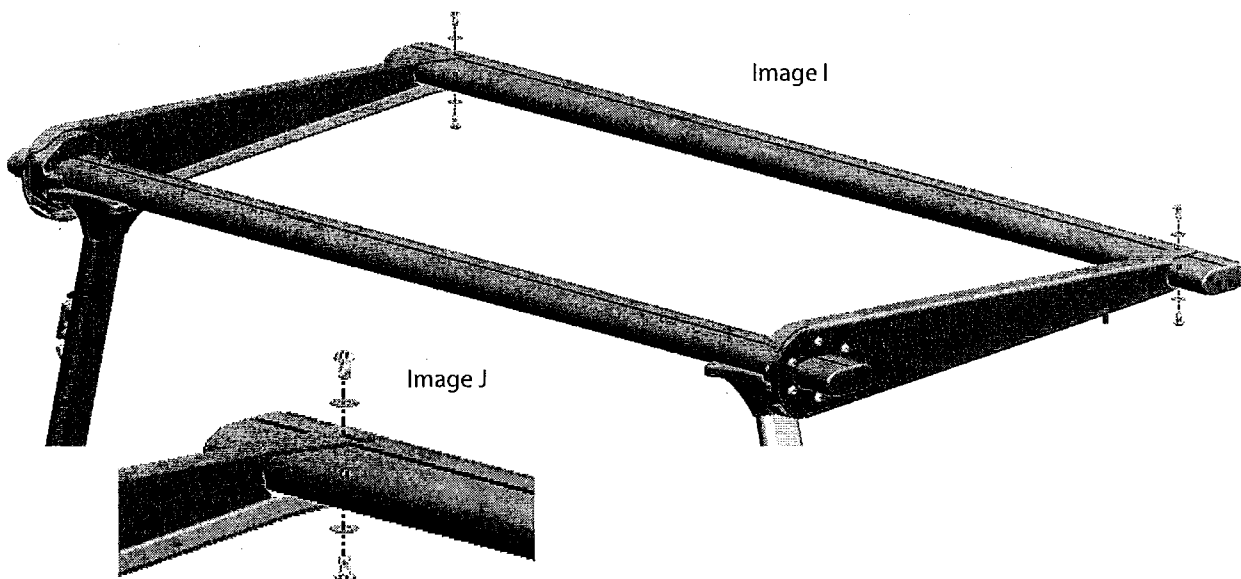
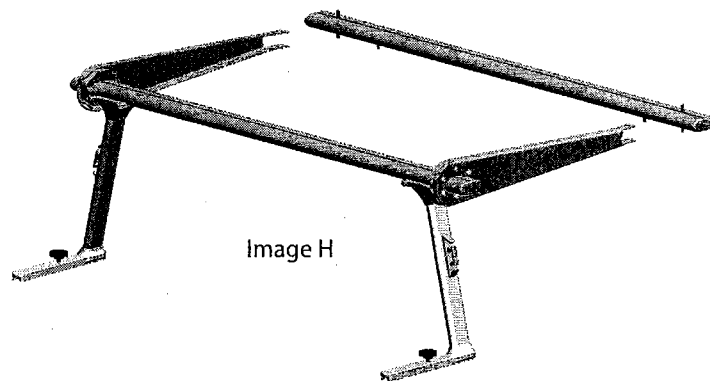
Note the orientation of the End Cap relative to the crossbar.



### STEP 6

Insert the crossbar into the channels of the cantilever arms. See Image H. Align the square nuts under the slots in the cantilever arm and using the Button Head Cap Screw, bolt the crossbars to the Cantilever. Torque To 13.5 lb-ft. See Image I and J

Note: Make sure the crossbar is centered relative the cantilever arms and the other two crossbars.





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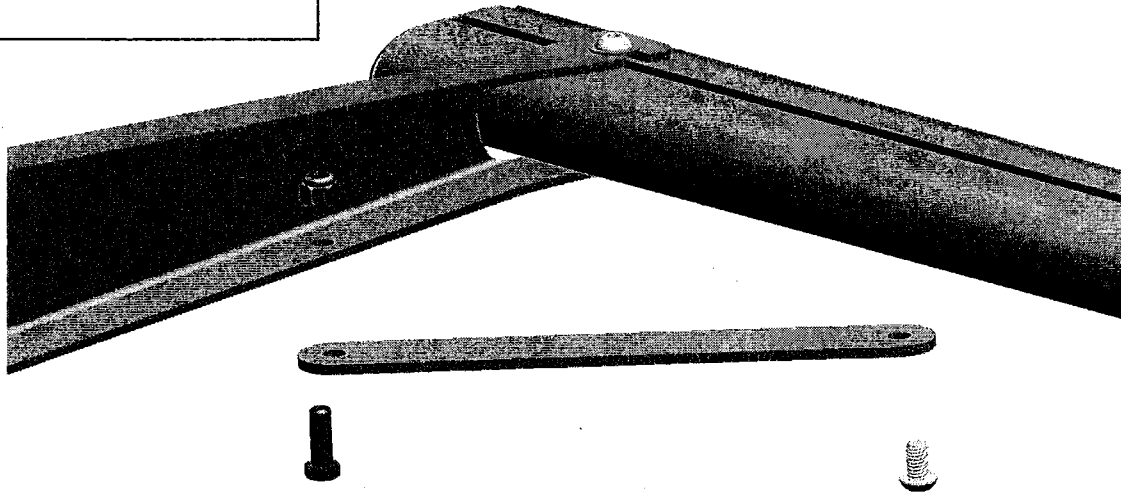
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## STEP 7

Bolt the aluminum Corner Brace to the Cantilever arm using a 3/8"-16 x 1" HHCS and 3/8-16 Self Locking Nut. Tighten using a 9/16" socket to 14 lb-ft.

Attach the opposite end to the remaining Square Nut in the crossbar and Button Head Cap Screw. Torque to 13.5 lb-ft. Repeat on opposite side.



### Installation Tips:

When installing the G2 Cantilever on a TracRac G2, it is easiest to install both over head racks onto the base rails first (with the cantilever saddles on the front rack). Once the racks are assembled, slide the front rack towards the back of the truck bed and this will provide a stable platform to install the cantilever and crossbar.

### Use:

The Cantilever Extension will not increase the loading capacity of your TracRac. Load should be evenly distributed across the two crossbars of the overhead racks. The cantilever extension is meant to protect the cab from long non-rigid materials.

Overloading your Cantilever Extension may damage the TracRac System of your Truck. Carrying high loads over rough roads with excess speed may damage the system. Exercise caution and good judgment at all times.

If the clearance between the underside of the Cantilever Extension Crossbar and the roof of you truck is less than 2", do not install the Extension. Your truck may sustain Damage. Call TracRac Customer Service @ 800-501-1587 for custom installation information.