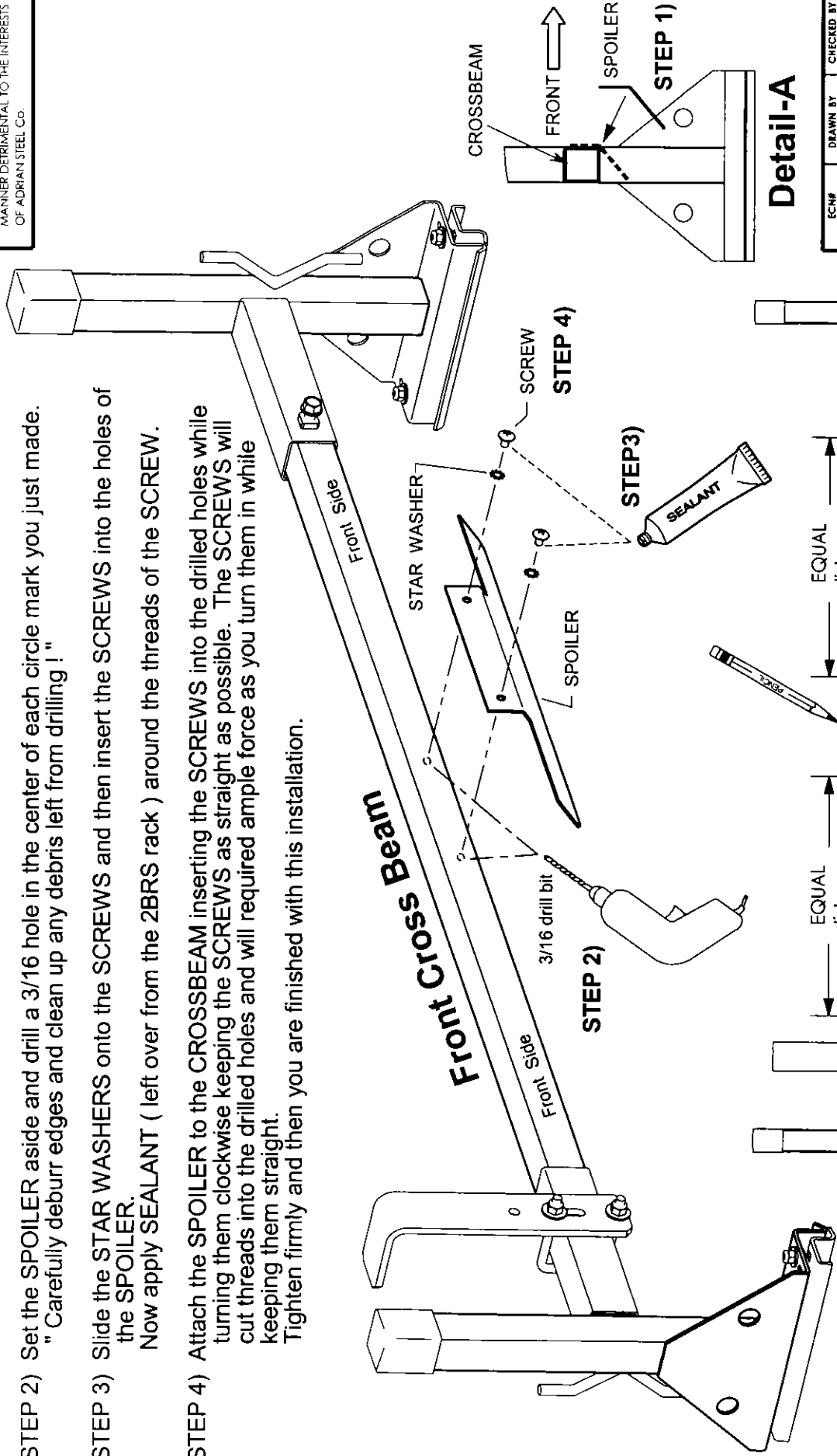


INSTALLATION STEPS:

- STEP 1)** Fit the SPOILER up to the front side of the Front Cross Beam on your 2BRS as shown below in Detail-A then "center" the SPOILER side to side (see Detail-B). Now use a pencil to mark circles on the Front Cross Beam using the holes in the SPOILER (see Detail-B).
- STEP 2)** Set the SPOILER aside and drill a 3/16 hole in the center of each circle mark you just made. " Carefully deburr edges and clean up any debris left from drilling ! "
- STEP 3)** Slide the STAR WASHERS onto the SCREWS and then insert the SCREWS into the holes of the SPOILER. Now apply SEALANT (left over from the 2BRS rack) around the threads of the SCREW.
- STEP 4)** Attach the SPOILER to the CROSSBEAM inserting the SCREWS into the drilled holes while turning them clockwise keeping the SCREWS as straight as possible. The SCREWS will cut threads into the drilled holes and will required ample force as you turn them in while keeping them straight. Tighten firmly and then you are finished with this installation.



Detail-A

Detail-B



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DATE: 8 / 18 / 04		
INSTALL INSTRUCTIONS		
WD2 KIT (2BRS racks)		
Print Number	Issue	
29814-0	A	

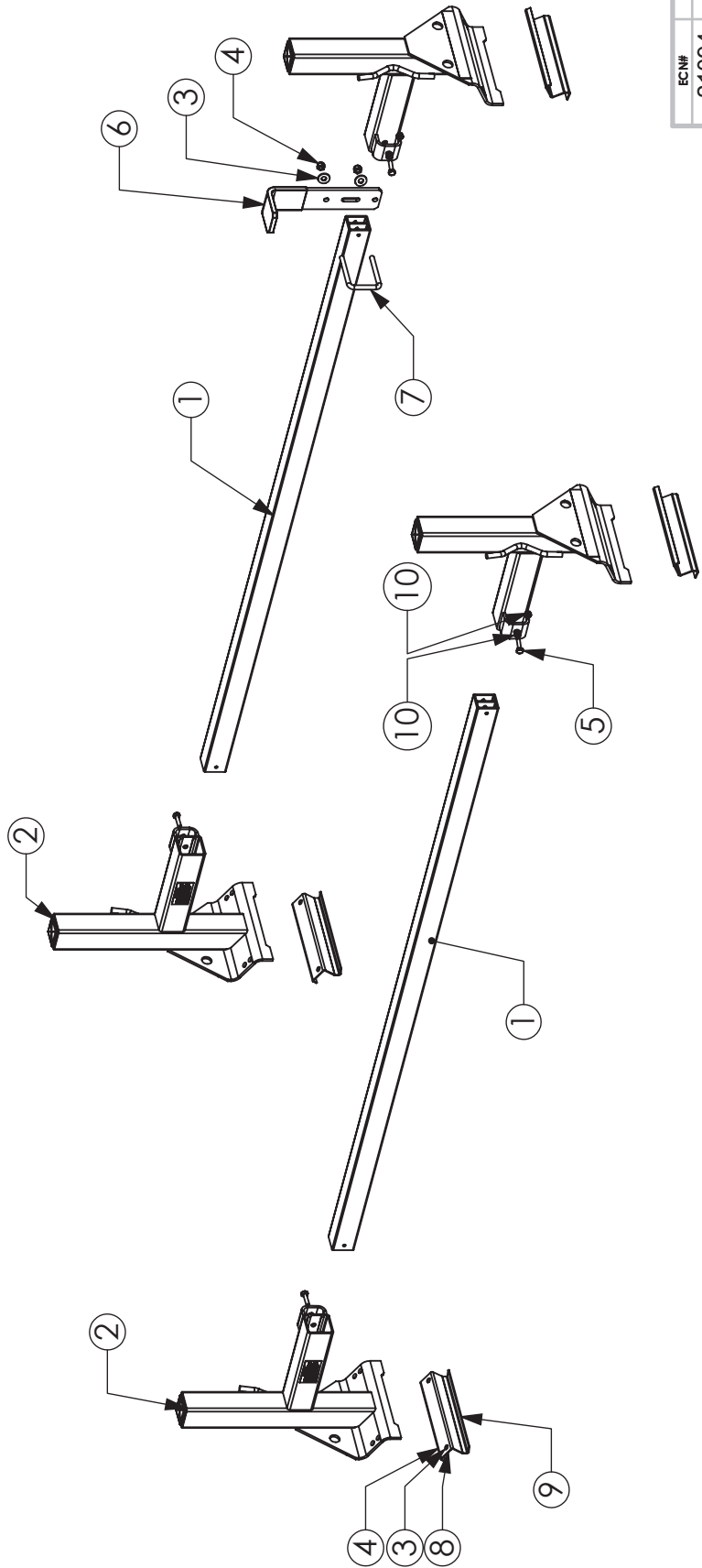


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ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	29835-0	Crossbeam, Aluminum	2
2	29834-0	Foot with Protective Cap	4
3	FAS 0552	Washer, Flat, 5/16, SST	18
4	FAS0248	Nut, Nylon Insert Lock, 5/16-18 SST	2
5	FAS 0587	Screw, Hex Hd, 5/16-18x1.25, Zn-NI (1000 hour), Grade 5	4
6	Q9149S51	Ladder Stop	1
6	FAS0552	Washer, Flat, 5/16, SST	2
7	Fas 0598	U-Bolt, square, 5/16-18 2.12x2.75	1
8	FAS 0129	Screw, Hex Hd, 5/16-18x1.50, Zn-NI (1000 hour), Grade 8	8
9	30995-0	FOOT CLAMP - Stainless Steel	4
10	FAS 0599	Nut, Hex 5/16 - 18	8



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2BAR Alum. Utility Rack		
Print Number	Issue	
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ASSEMBLY - INSTALL INSTRUCTIONS

2BAR Aluminum Utility Rack

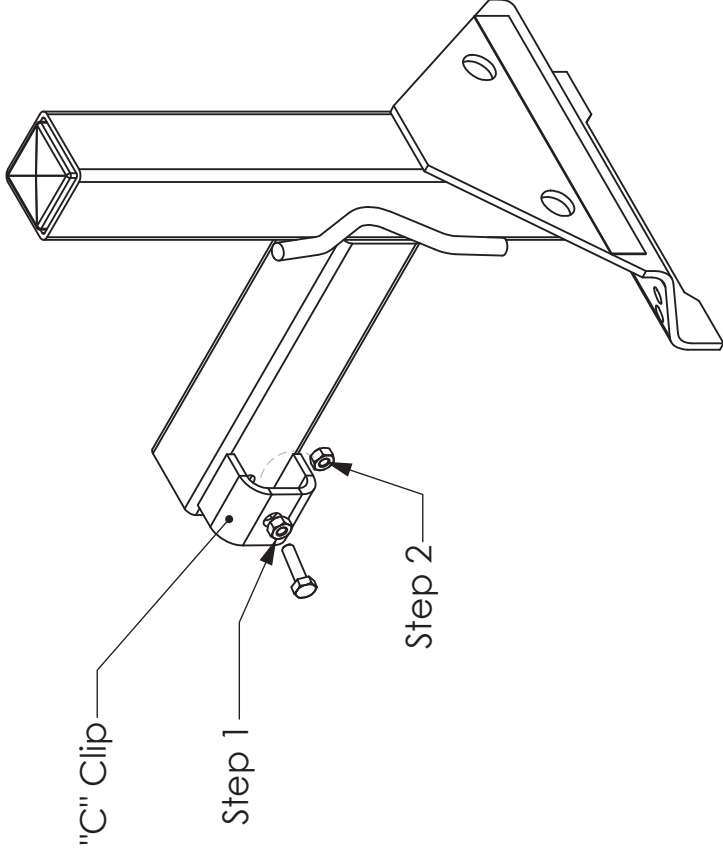


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PAGE 2 of 4



CAUTION: Never attempt to install Stop Bolts while on top of van, this could cause damage to the vehicle !

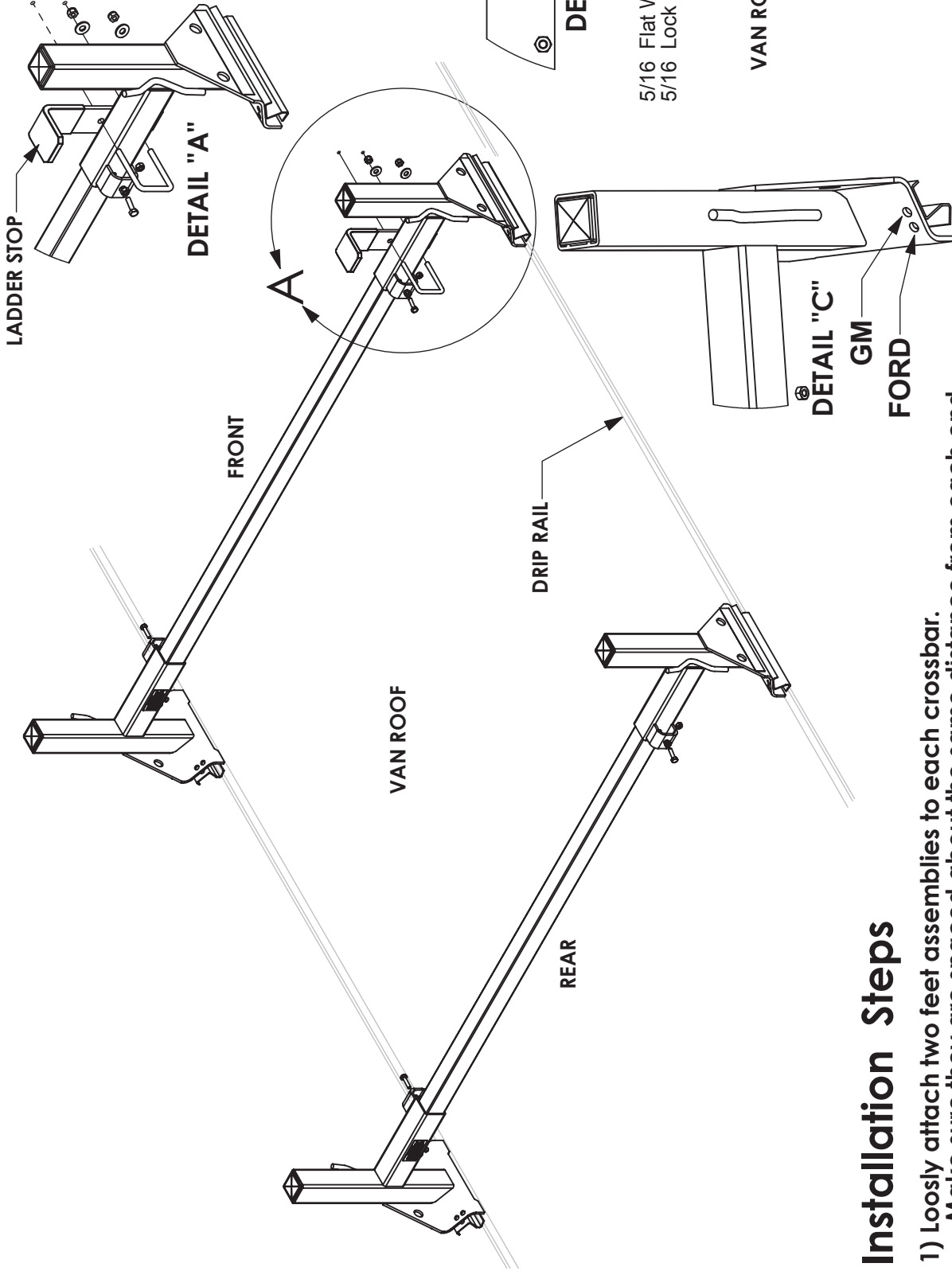
" A workbench or a solid flat surface is best for this installation. "

CROSSBEAM FOOT "STOP BOLT" PRE-ASSEMBLY

NEVER USE AIR TOOLS or POWER TOOLS TO INSTALL THIS SCREW !! AIR & POWER TOOLS MAY STRIP THREADS IN NUT !

- 1) Place a 5/16-18 hex nut onto the 1-1/4 5/16-18 bolt, about 3/4" up.
- 2) Next, slide this bolt into the hole in the outer "C" clip, and then start a second 5/16-18 nut onto the bolt.
- 3) Leave this assembly loose for adjustment later. Make sure the threads of the bolt do not enter the square tubing.

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2BAR Alum. Utility Rack		
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29955	C	



Installation Steps

- 1) Loosely attach two feet assemblies to each crossbar.
- 2) Make sure they are spaced about the same distance from each end.
Place assemblies up on van roof. Place forward assembly approximately 4" behind front door seam.
- 3) Place rear assembly approximately 78" behind forward assembly.
Place rear teeth of foot must sit in the grout area of the van roof, and as far in as possible (see DETAIL "B").
Place a Foot Clamp under the drip rail, and attach it to the Foot with a 5/16-18 x 1-1/2" Bolt & Flat Washer through the Foot Clamp & proper holes in the Foot (see DETAIL "C") and then firmly tighten them with 5/16 Flat Washer & Nylon Hex Lock Nuts.
- 4) Next attach Ladder Stop to the front crossbar using Detail "A" as a guide. Attach stop with square "U" bolt, two flat washers, and two Nylon Hex Nuts.
- 5) Finally, tighten the four Crossbar Stop Bolts holding the crossbars in place. Then use the Silicone Sealant around all seams. Recheck all fasteners for proper tightness.

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INSTALL INSTRUCTIONS
2BAR Alum. Utility Rack



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ATTENTION !!

LADDER RACK PURCHASER

It is advised that " all fasteners " that assemble and install your Ladder Rack is " checked for tightness " at 2 weeks of operation and then rechecked again at 6 weeks of operation.

Assembly " fasteners could loosen " due to vibration through your vehicle while on the road or in and out of construction sites.

" Drip rail Clamps could loosen " due to the Ladder Rack Feet settling into the grouting that the O.E.M. puts into the drip rail as a seal.

This is a preventative maintenance step to insure your Ladder Rack gives you a long service life.

*** * INSTALLER: Please present this statement to the End User when delivering the installed product !**

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INSTALL INSTRUCTIONS
2BAR Alum. Utility Rack

Print Number
29955
Issue
C