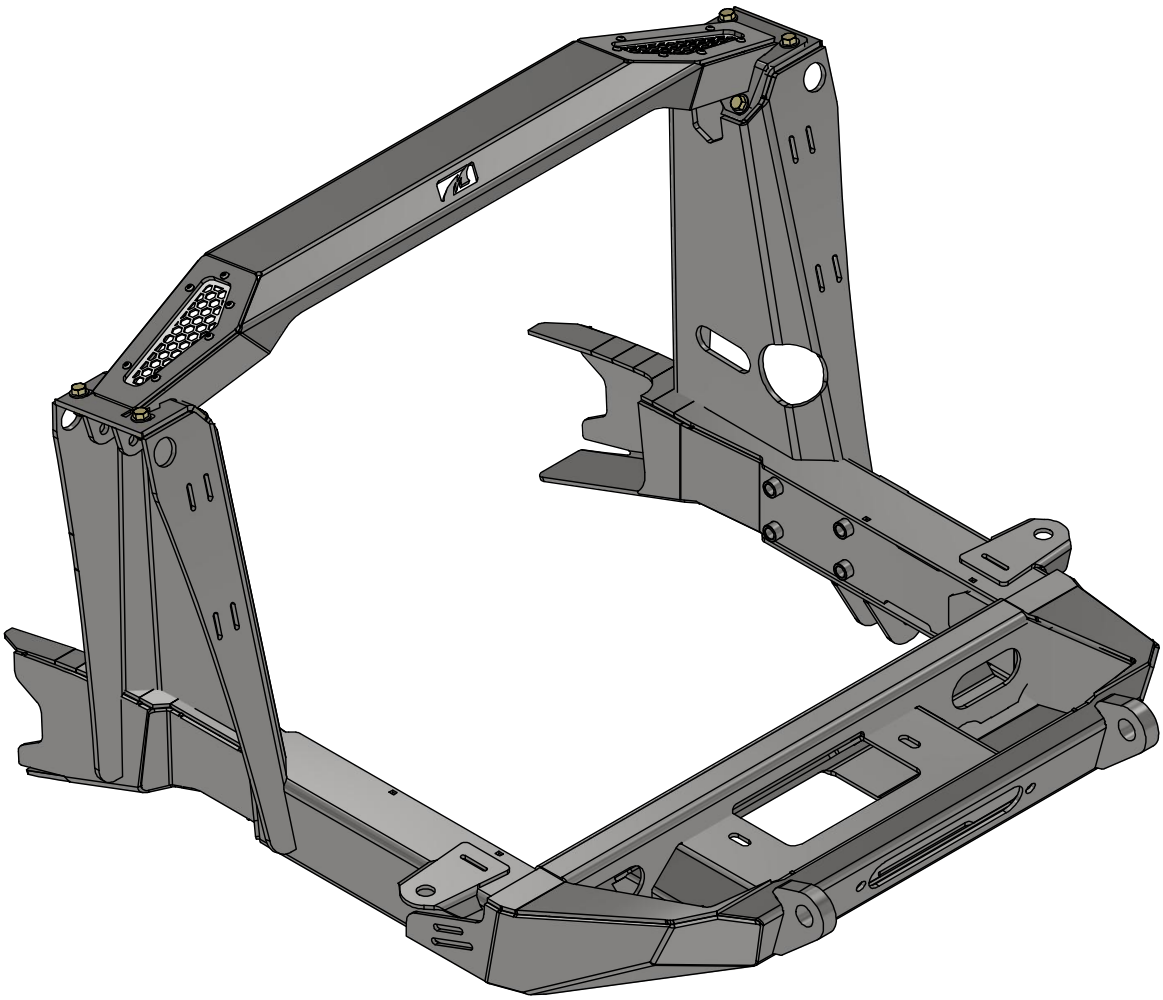
MB3103

# MB3103 - Front Half Kit for JK/JKU

**Compatible with Year Model (07-18)**

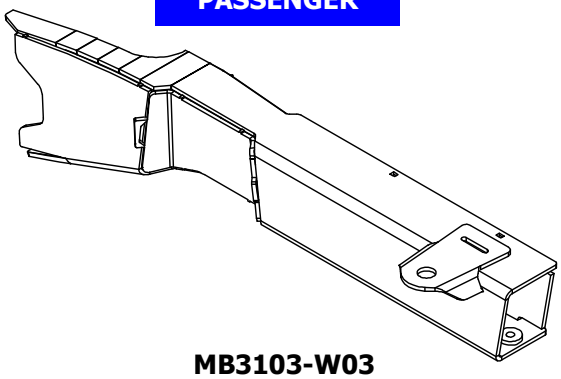


# ASSEMBLY INSTRUCTIONS

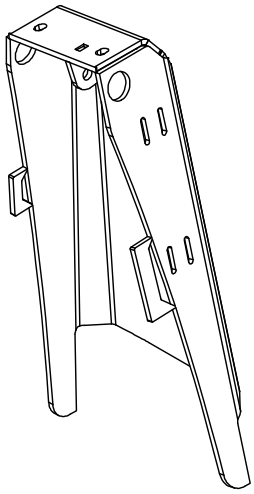
# MB3103

## CONTENTS

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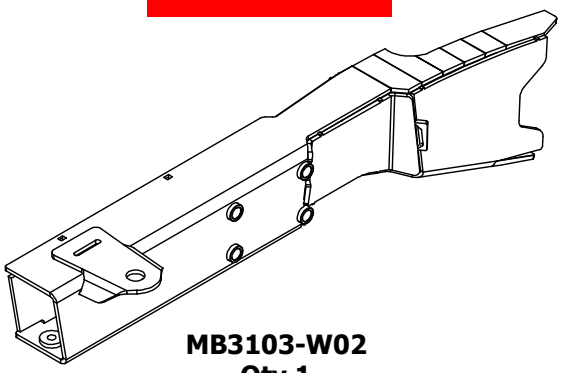


**MB3103-W03**
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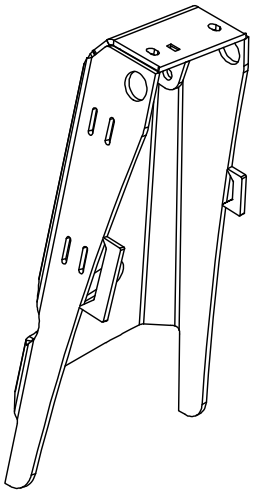


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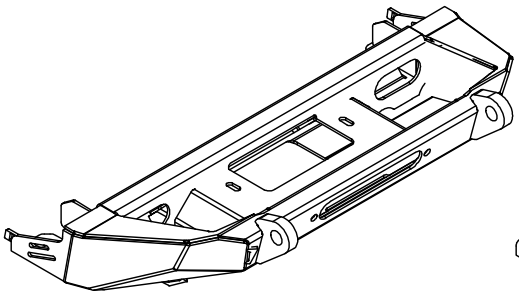
**DRIVER**



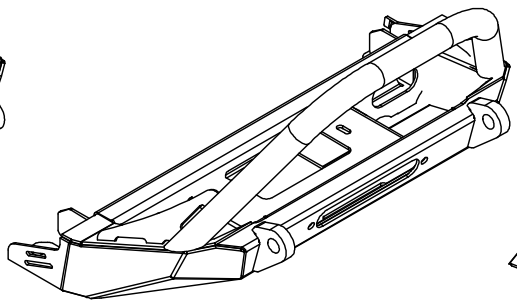
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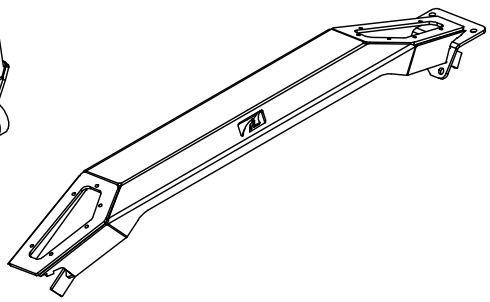
**MB3103-W05**
**Qty 1**



**MB3103-W01**
**Qty 1**

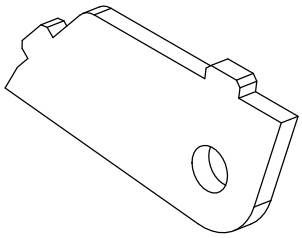


**MB3103-BB-W01**
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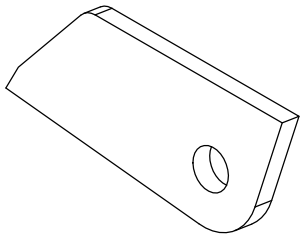


**MB3103-W04**
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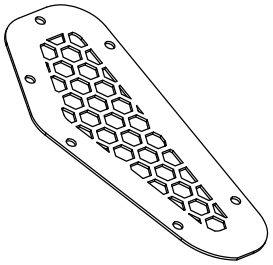
# CONTENTS



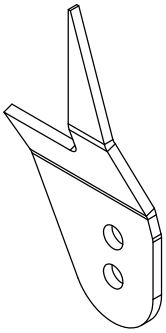
**MB3103-01**
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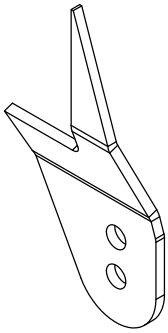
**MB3103-02**
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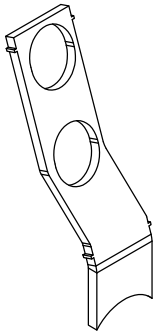
**MB3103-06**
**Qty 2**



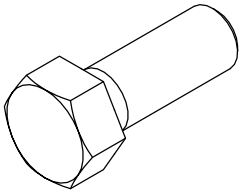
**MB3103-03**
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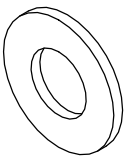
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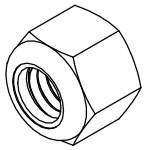
**MB3103-05**
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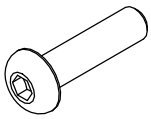
**3/8"-16 x 1" Gr. 8 NC Hex Cap Screw, YZ**
**Qty 8**



**3/8" Gr. 8 SAE Flatwasher, YZ**
**Qty 16**



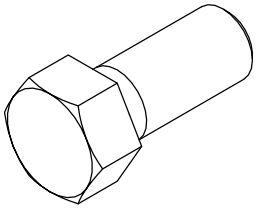
**3/8"-16 NC GR. 8 Nylon Insert Locknut, YZ**
**Qty 8**



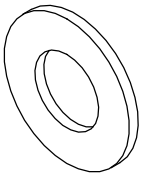
**#10-24 x 3/4" NC Button Socket Cap Screw, Stainless Steel**
**Qty 12**



**#10-24 NC Nylon Insert Locknut, Zinc**
**Qty 12**



**7/16"-14 x 1" Gr. 8 NC Hex Cap Screw, YZ**
**Qty 4**



**7/16" Gr. 8 SAE Flatwasher, YZ**
**Qty 4**

**Preparation and Installation Guide**

**Compatibility:** This front half kit is designed to work with a Jeep JK/JKU.

1. **Steering:** This kit is designed to work with a PSC Big Bore Steering box. The location of the steering box is pushed forward 2.125" forward and 5/8" up from the stock location. A full hydro set up can be used if desired ( MB2079 offers a solution for mounting the orbital.). The stock steering column will need to be extended.

2. **Shocks:** This front kit requires the use of a 14" or a 16" coilover or a 16" or a 18" ORI Strut. **A 12" COILOVER WILL NOT WORK**

3. **Relocating ABS and Electronics:** You will need to remove the factory plastic engine bay trays. (MB2205) is a relocation kit that solves and moves all the electronics for the JK

4. **Suspension:** MB7000,MB7001, MB7019 and MB7020 are designed to work with this kit. If you are doing the front 4 link set up you cannot use the track bar or steering box.

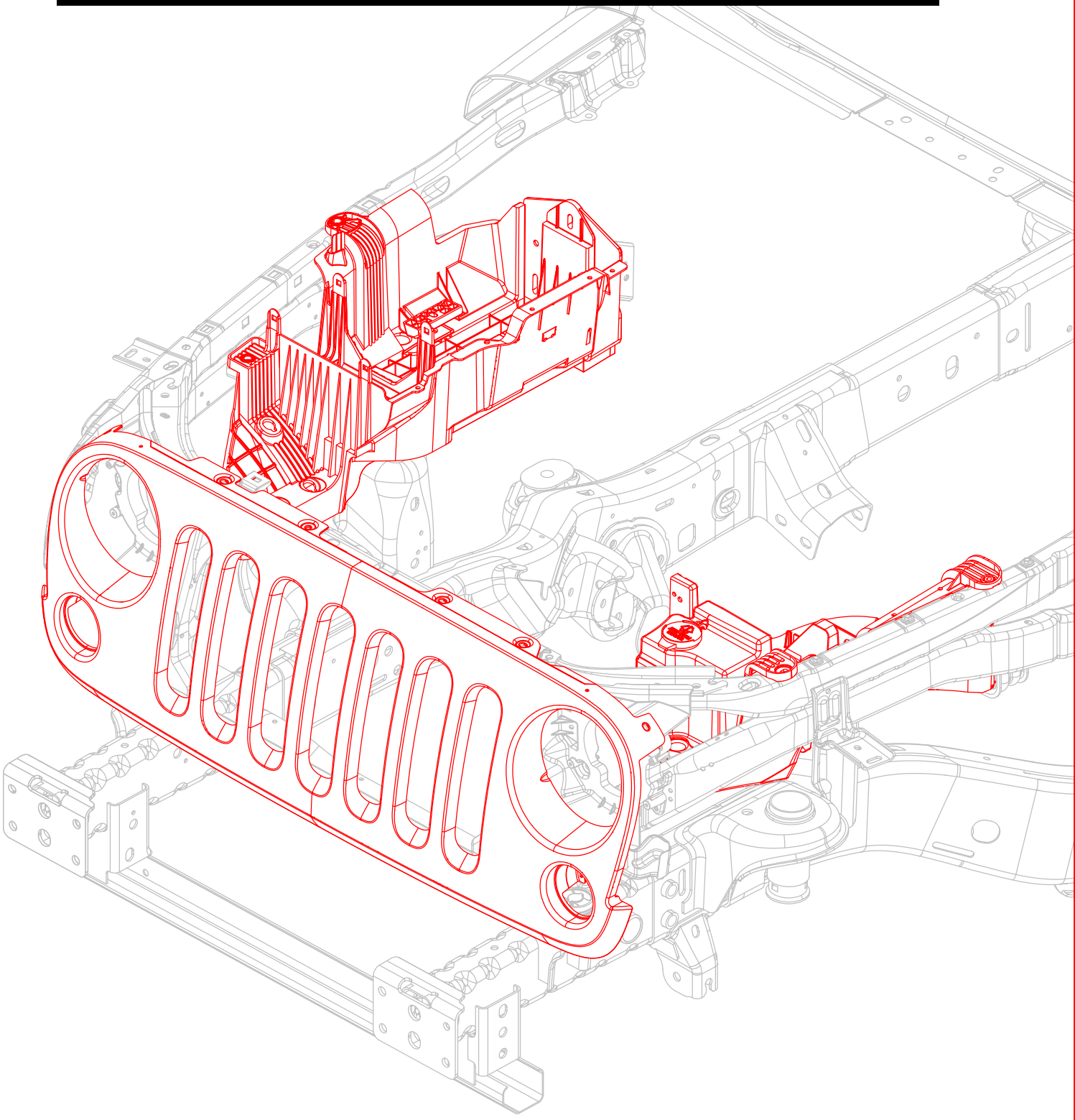
5. **Sway Bar:** If a sway bar is desired for this kit the Rockjock (RJ-236100-101 Front JK Sway bar is designed to fit.

**Pro Tip:** Use STEEL-IT paint, which can be welded through and easily touched up afterward.

For questions or assistance, Please contact Motobilt support

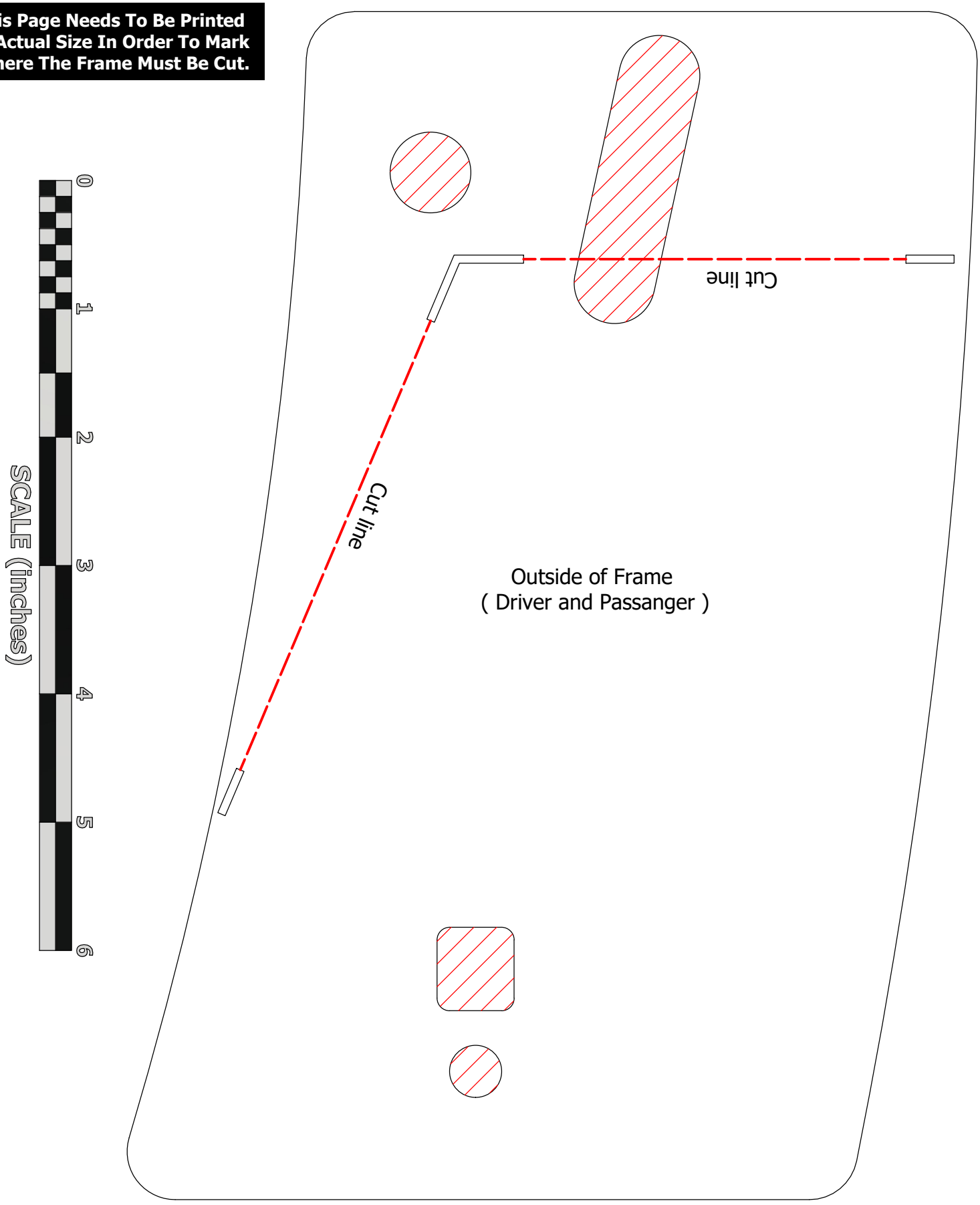
# MB3103 - Assembly Instructions Front Half Kit for JK/JKU

**REMOVE THE GRILL AND THE PLASTIC TRAYS THAT HOLDS THE JEEPS ELECTRONICS. (USE MOTOBILT PART MB2205 JEEP JK/JKU ELECTRONICS / ABS RELOCATION KIT TO HOLD AND RELOCATE ALL THESE PARTS)**

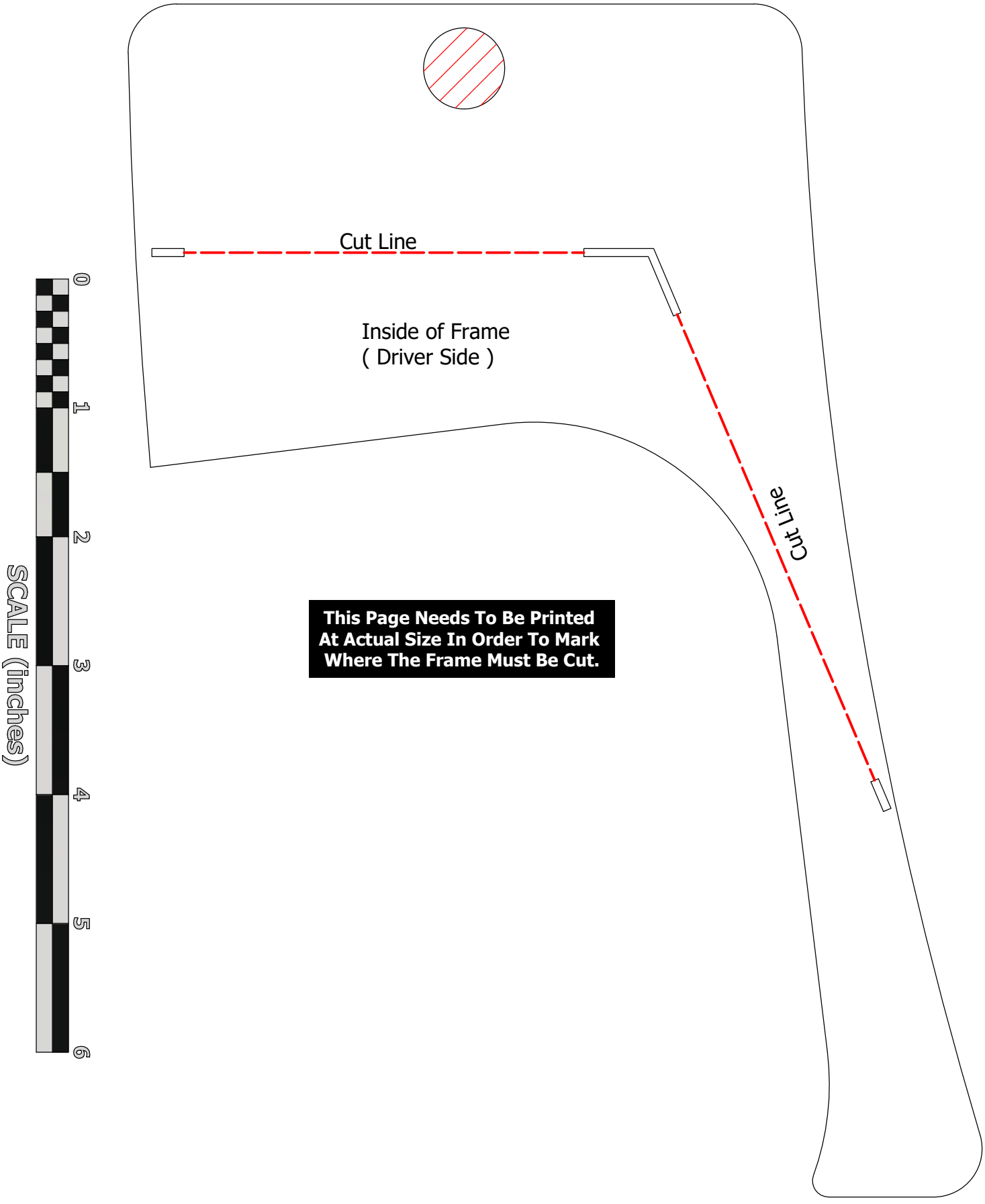


# MB3103

**This Page Needs To Be Printed At Actual Size In Order To Mark Where The Frame Must Be Cut.**

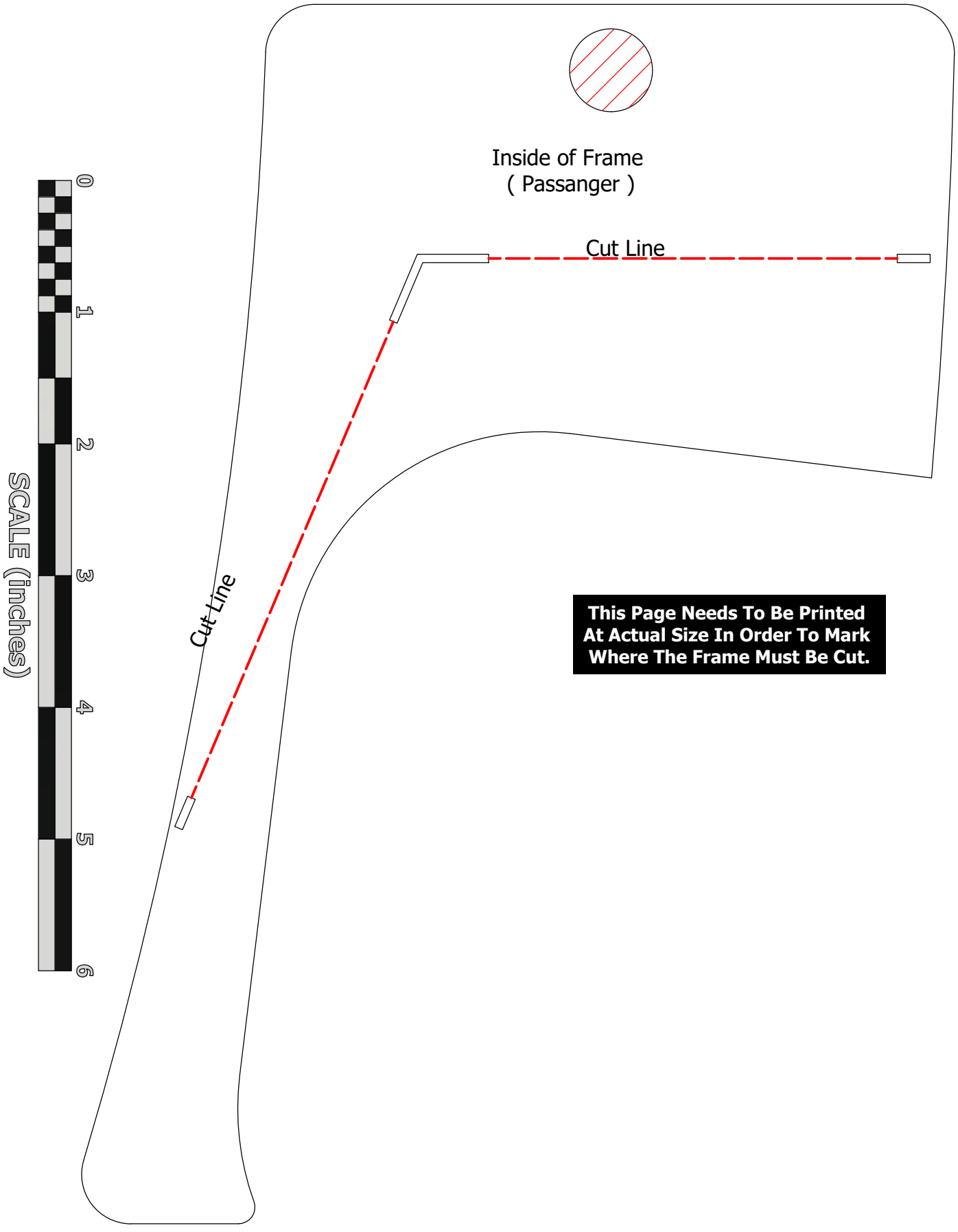


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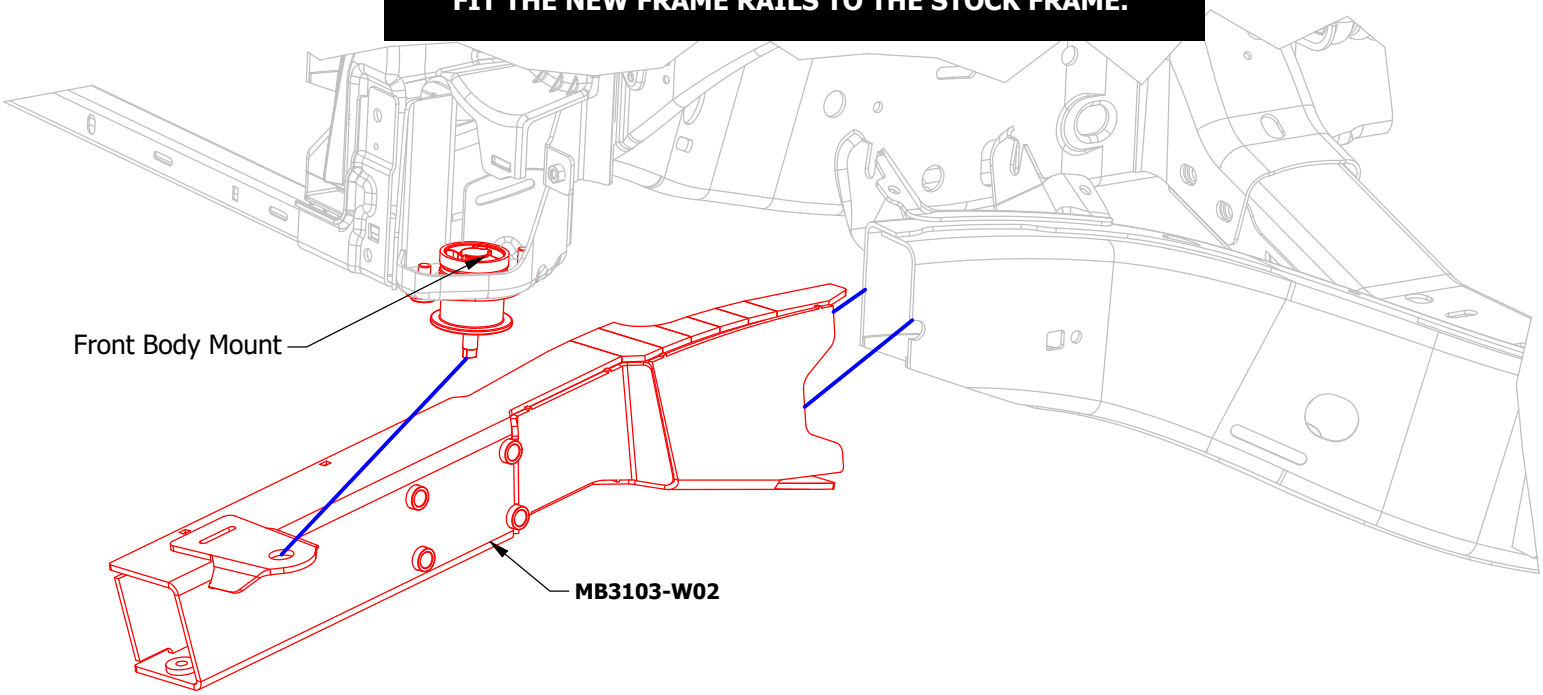
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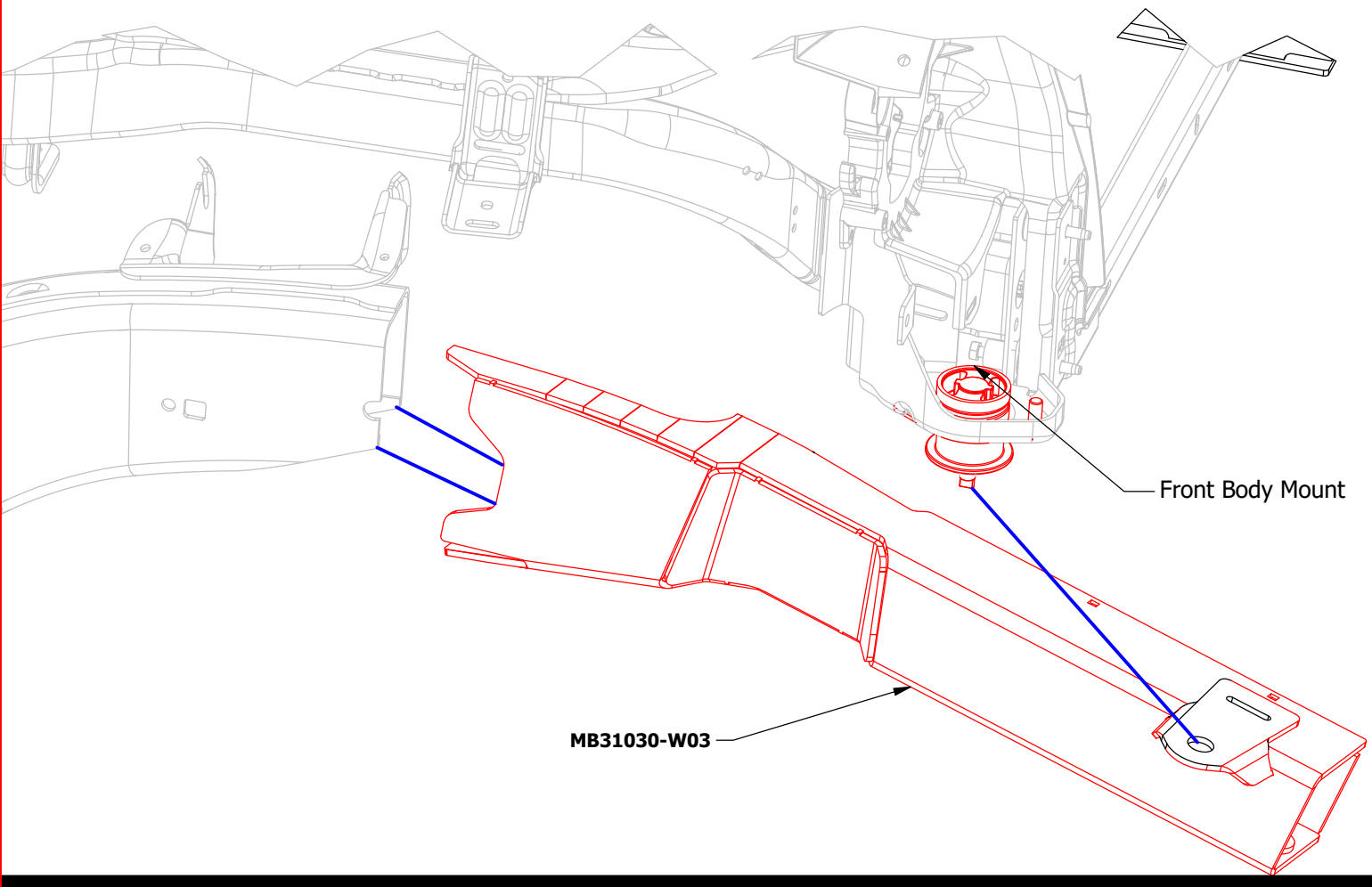



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# MB3103

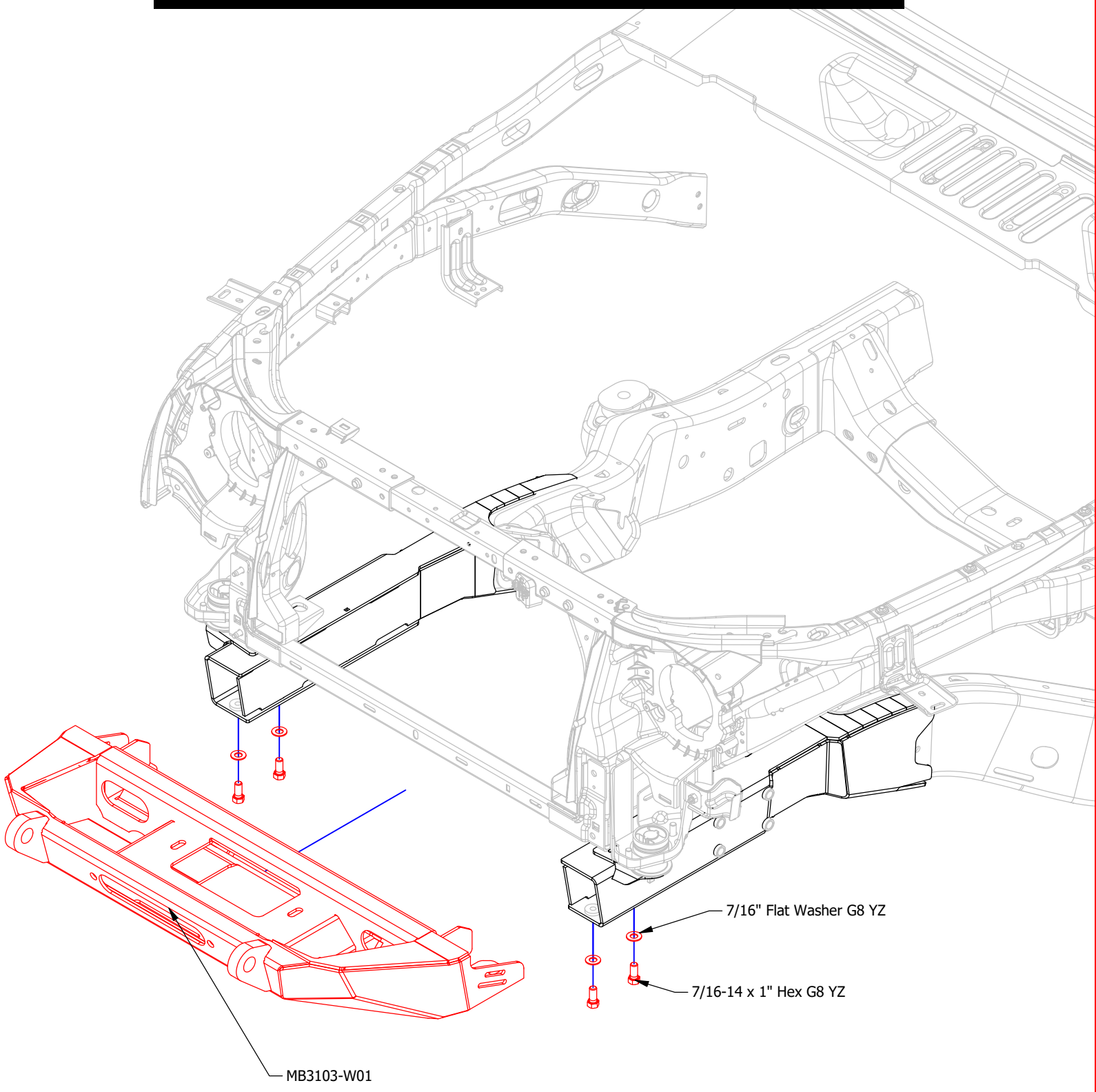
**AFTER CUTTING THE FRONT FRAME SECTION OFF, FIT THE NEW FRAME RAILS TO THE STOCK FRAME.**



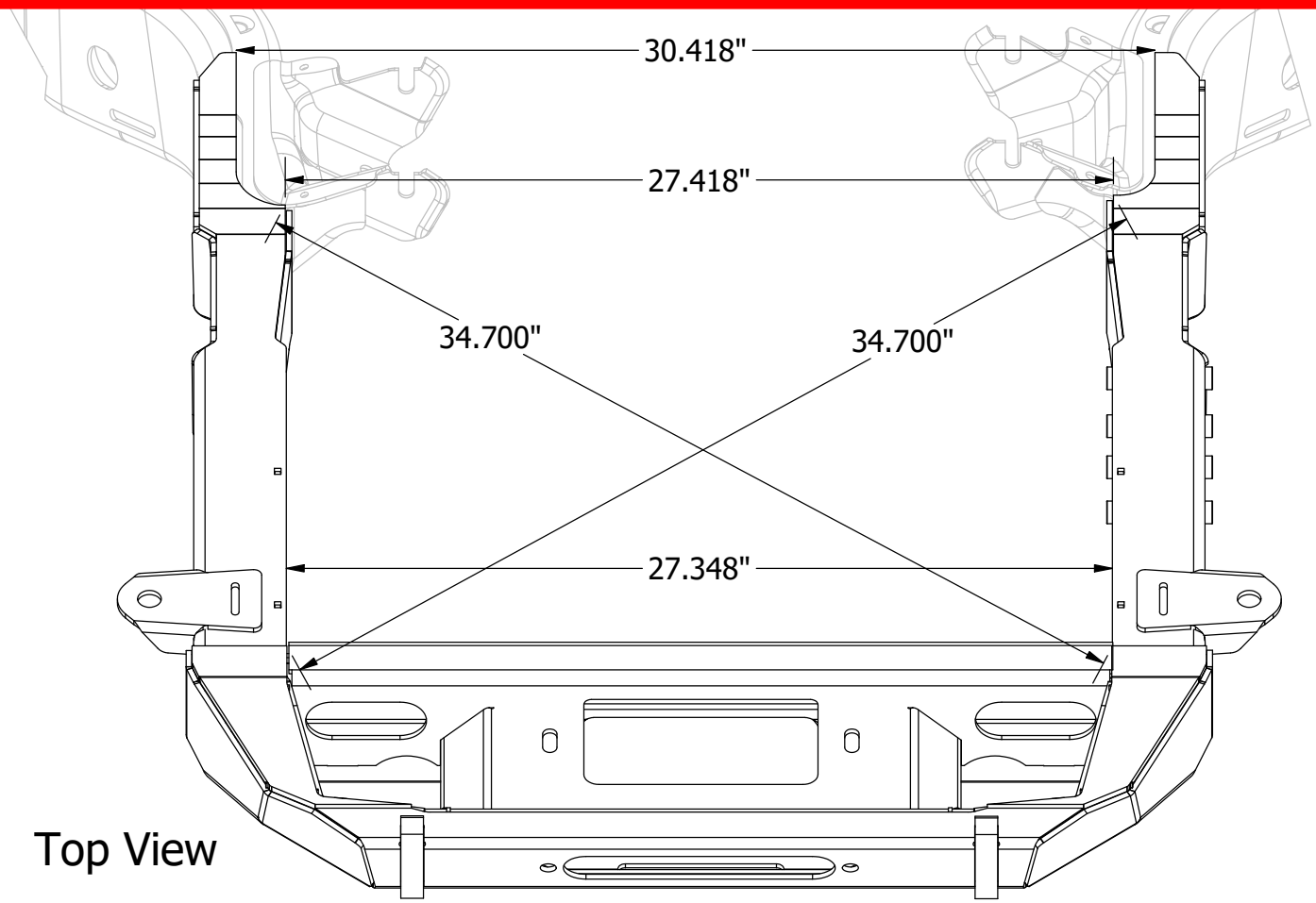



# MB3103

**SLIDE MB3103-W01 ON TO THE NEW FRAME SECTION USING THE FASTENERS TO LOCATE HOW FAR THE BUMPER WILL NEED TO TO GO ON.**

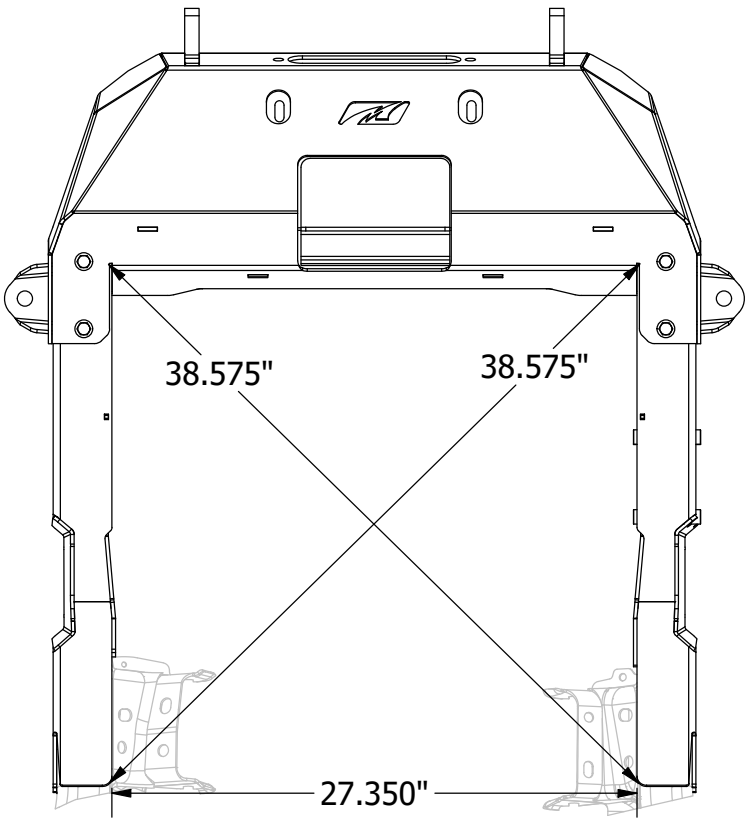


# MB3103

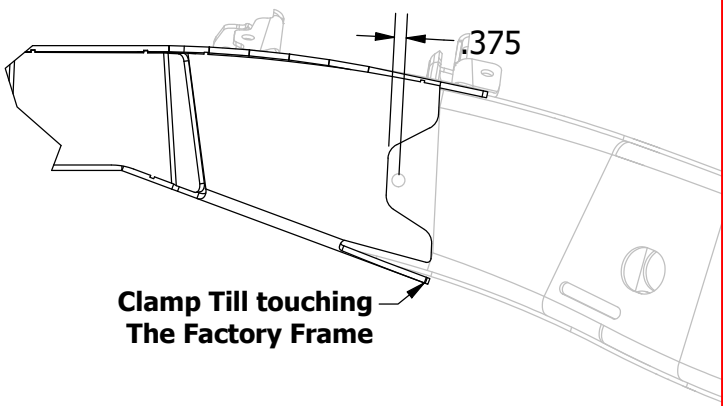



Top View

Bottom View



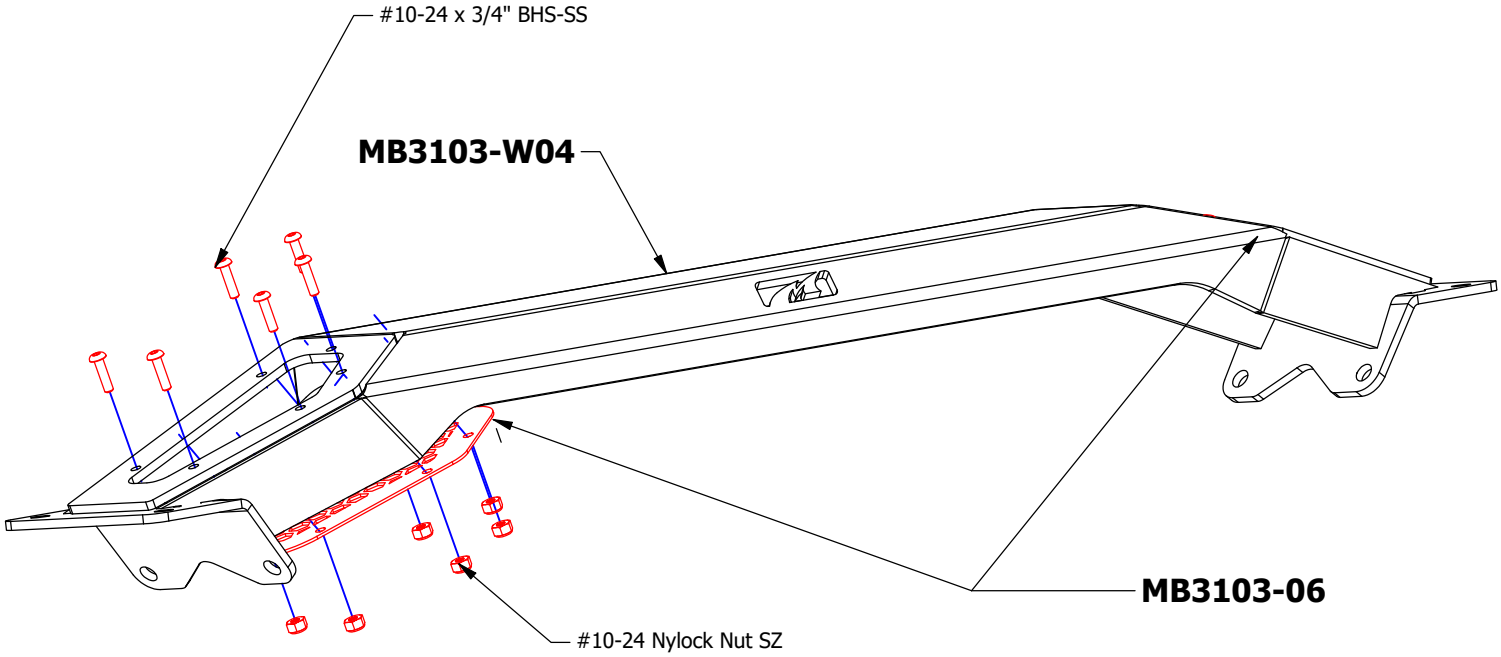

**Tack The Frame Rails And The Front Bumper Once Everything Is Squared.**




**Use This Measurement To Set The Depth Of The New Frame Rails Over The Factory Frame.**

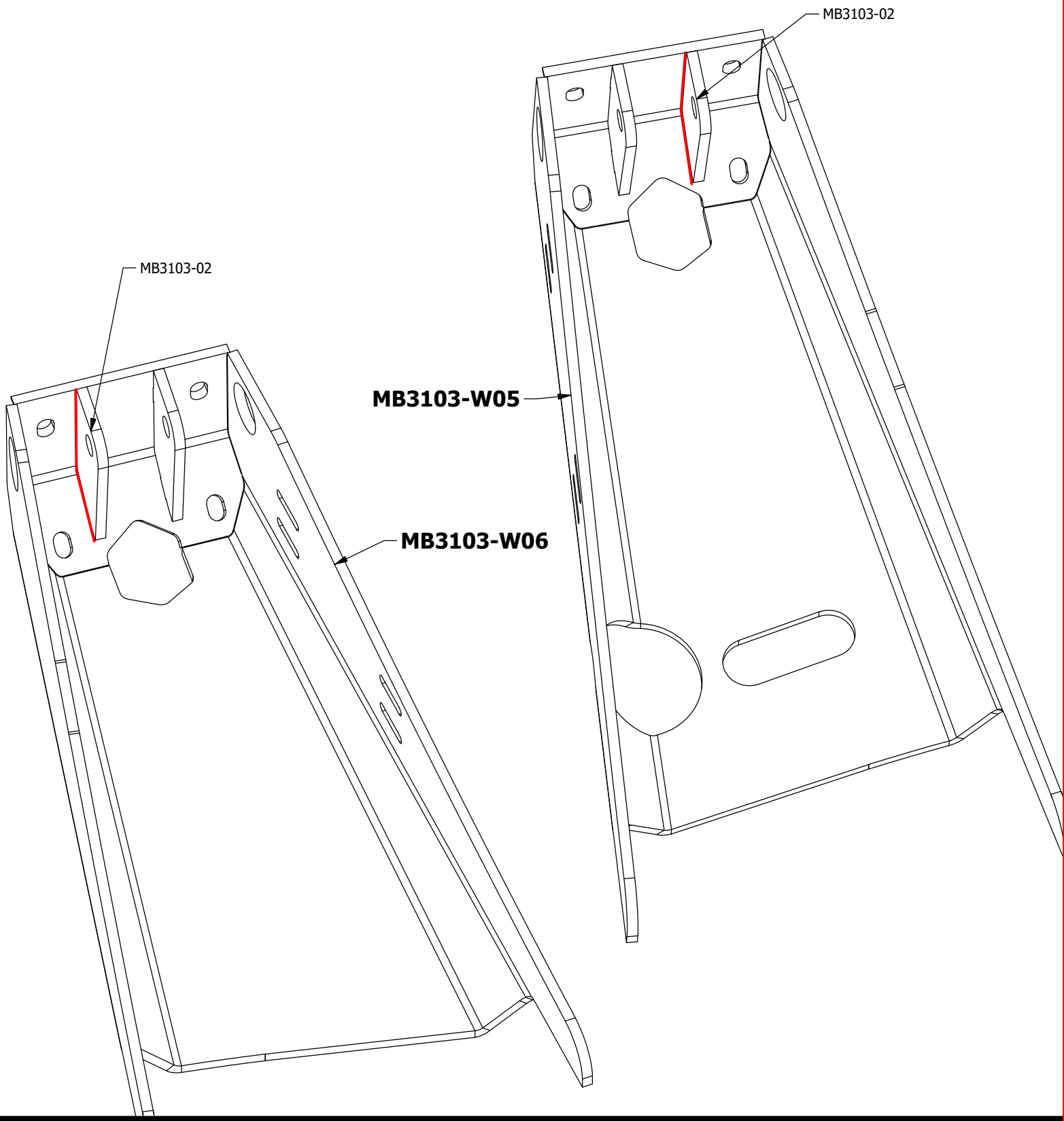
# MB3103

**Put The Shock Tower Brace Inserts In Before Securing To The Towers.**



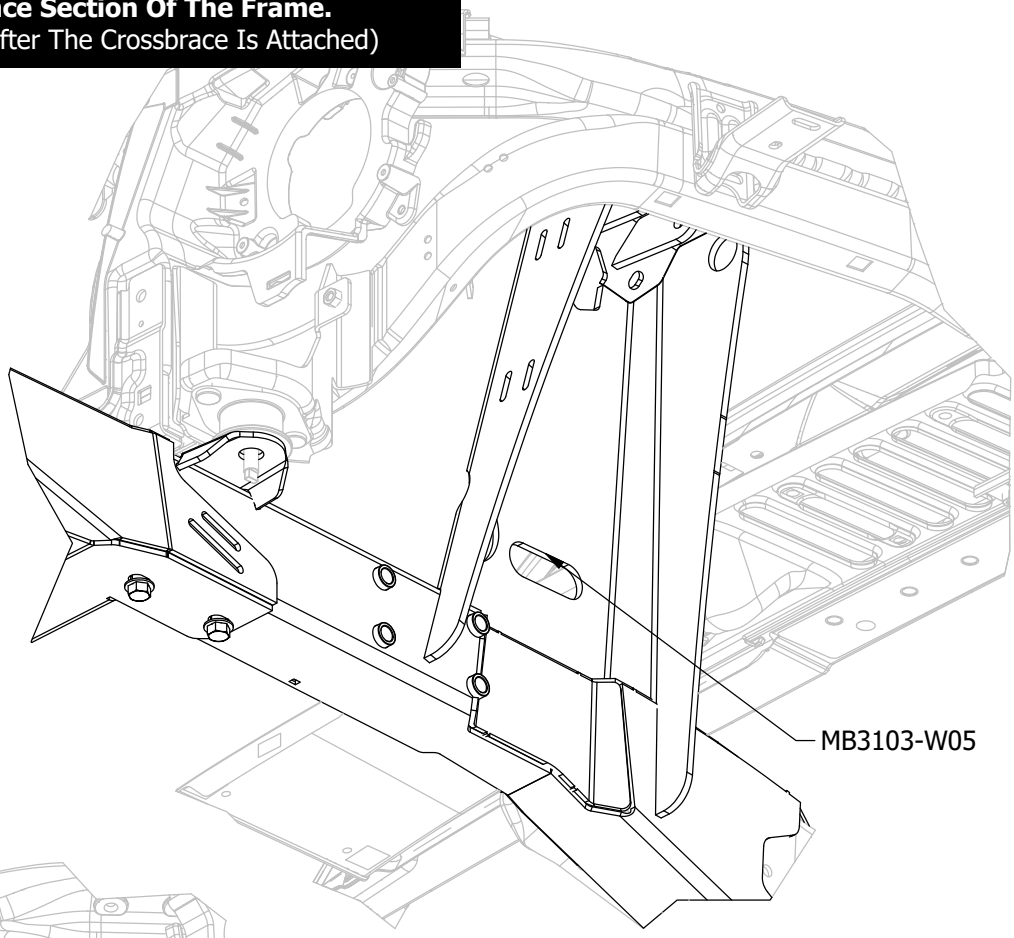
# MB3103

**Weld In The Shock Tabs Using A Shock Space That Is The Correct Width For The Shocks You Are Using.**

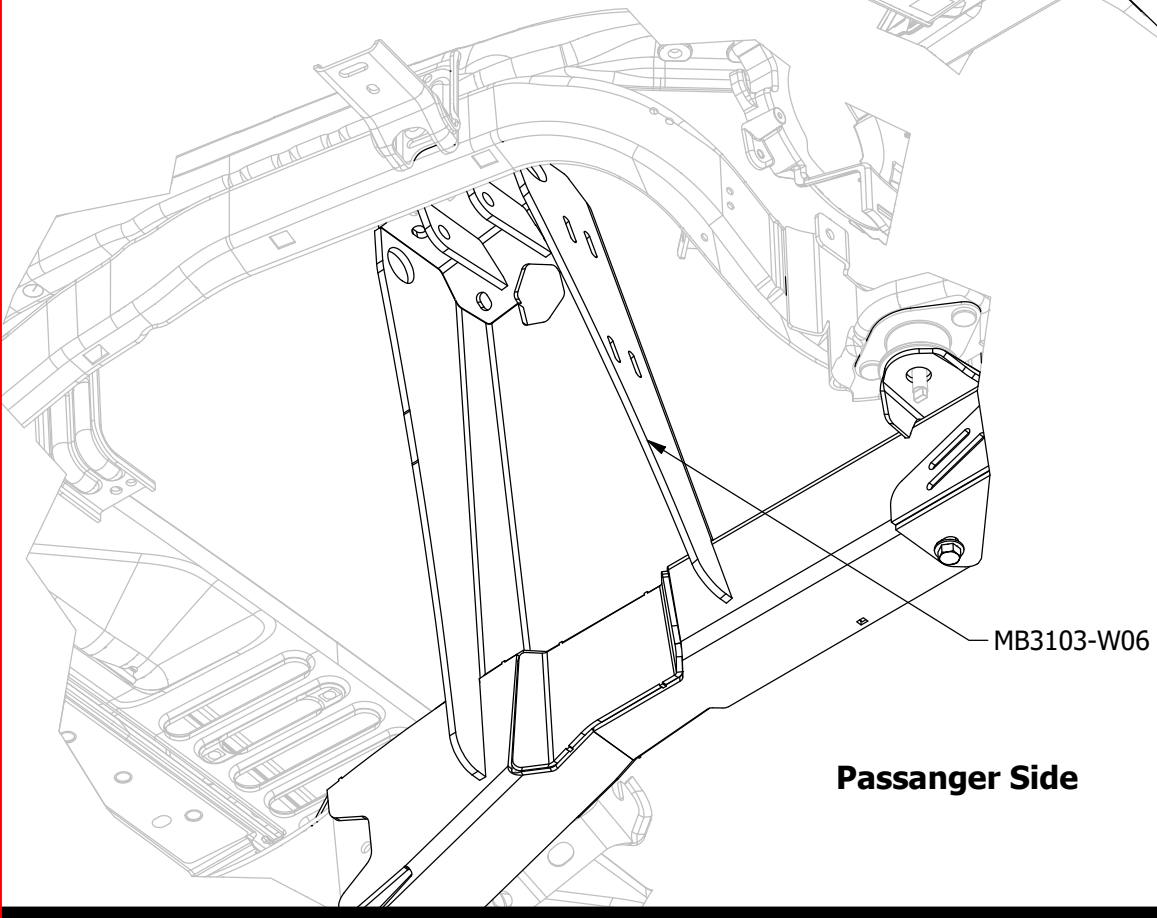


# MB3103

**Position Each Tower On Its Corresponding Side Roughly In The Middle Of The Clearance Section Of The Frame.**
( These Will Get Tacked In After The Crossbrace Is Attached)

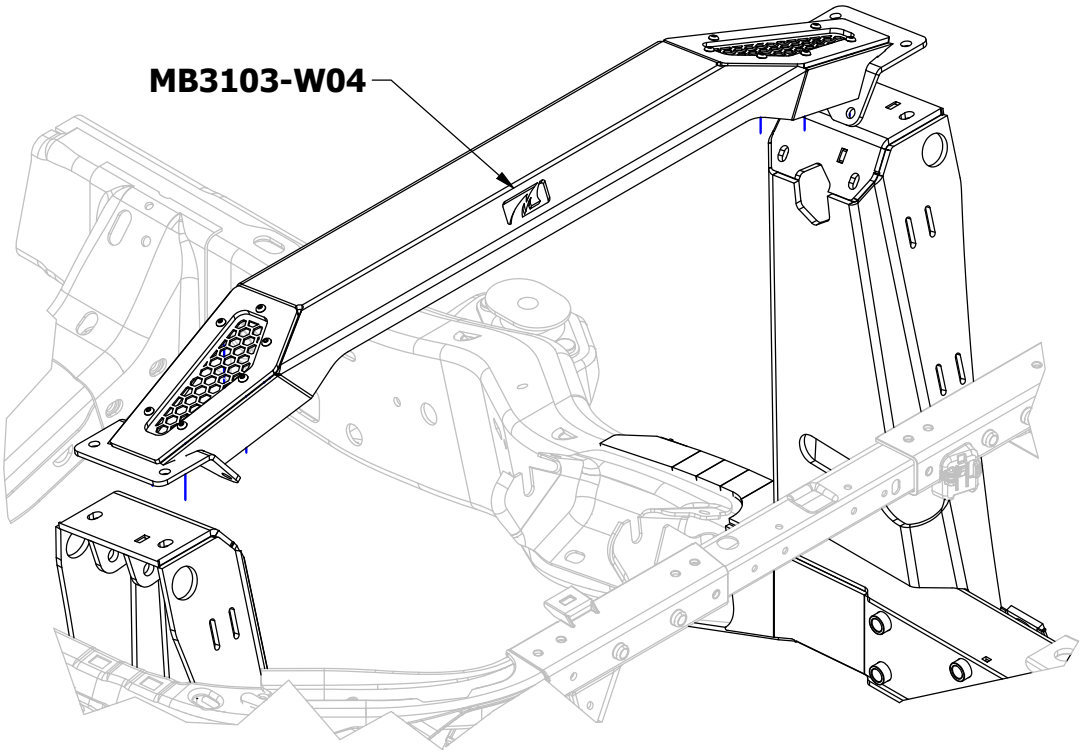


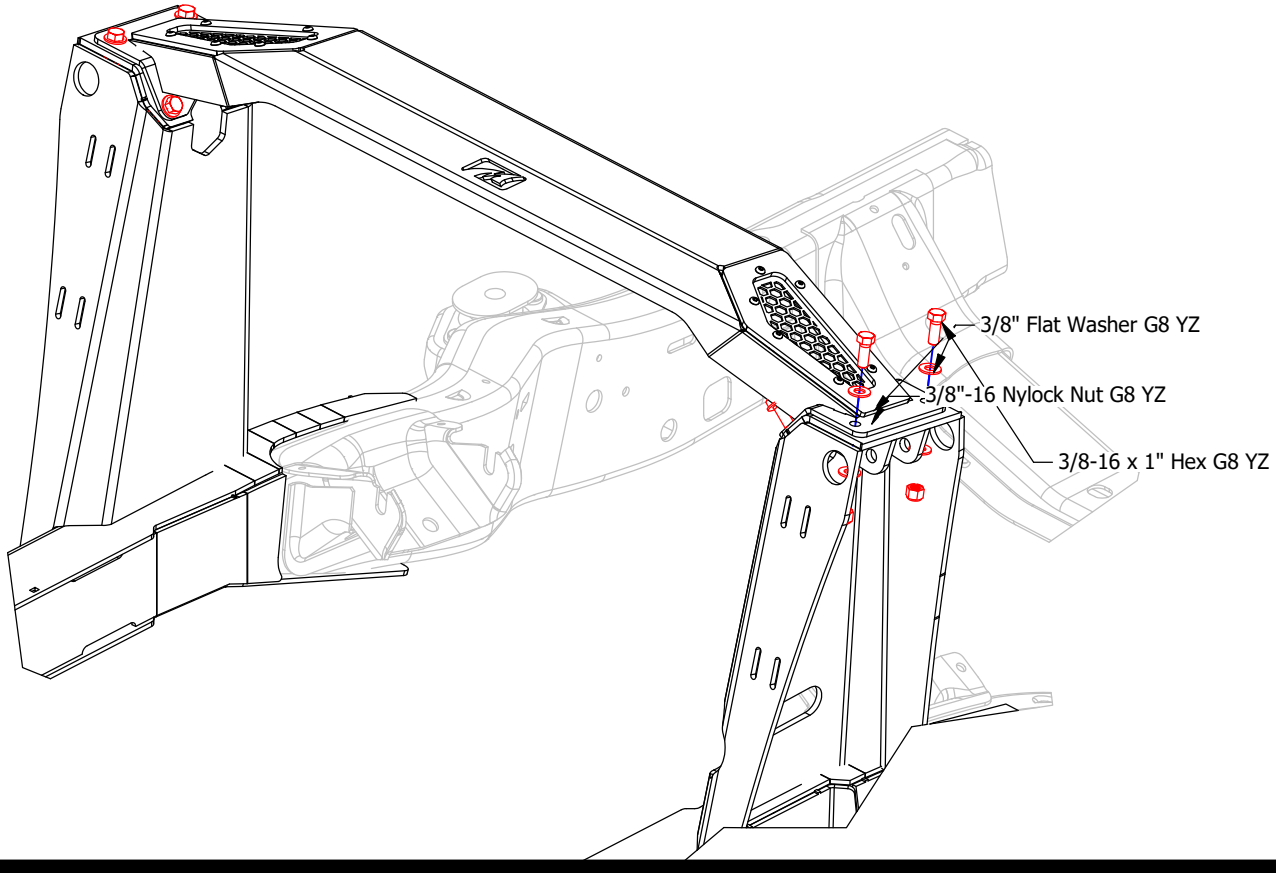

**Driver Side**




**Passanger Side**

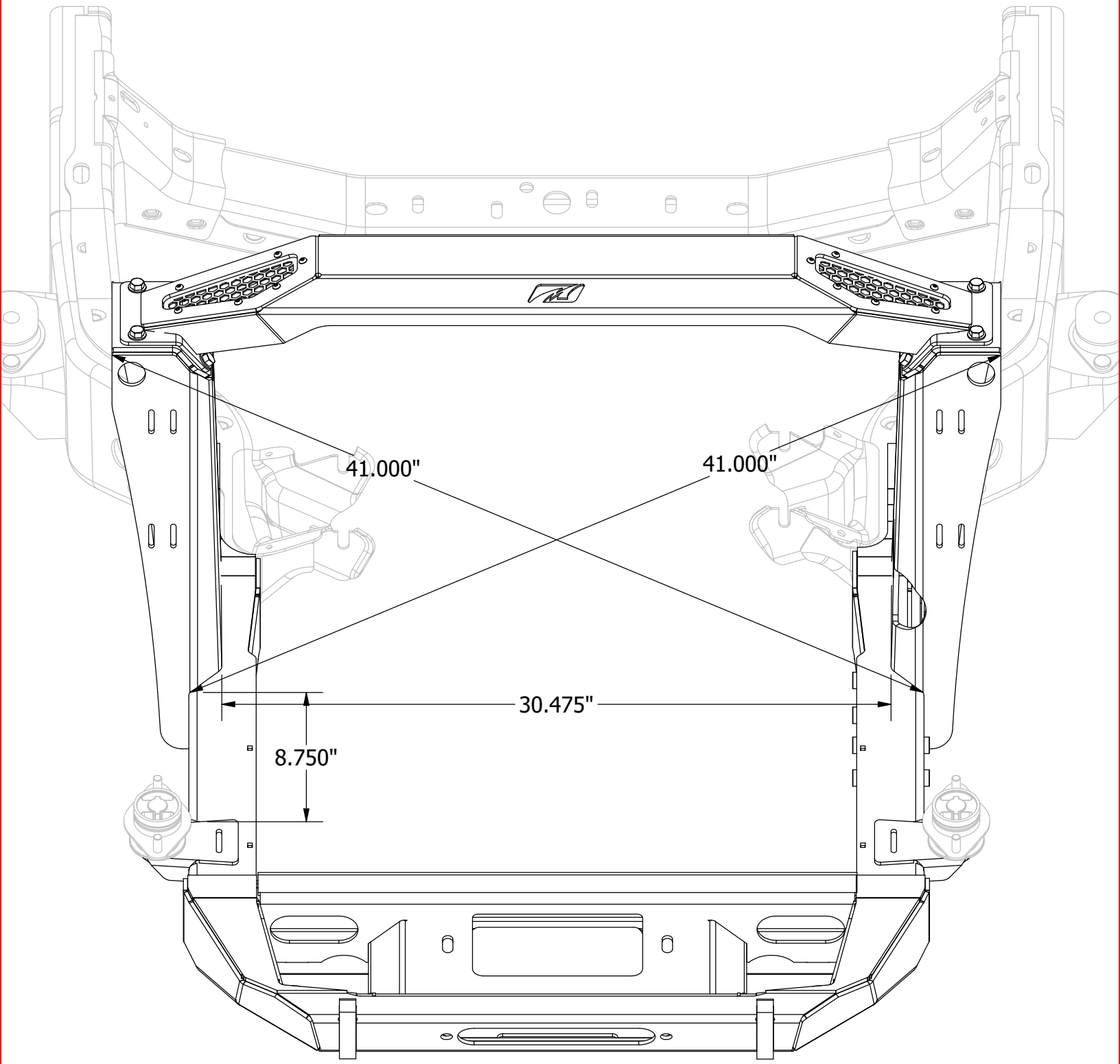
# MB3103


MB3103-W04


3/8" Flat Washer G8 YZ
3/8"-16 Nylock Nut G8 YZ
3/8-16 x 1" Hex G8 YZ

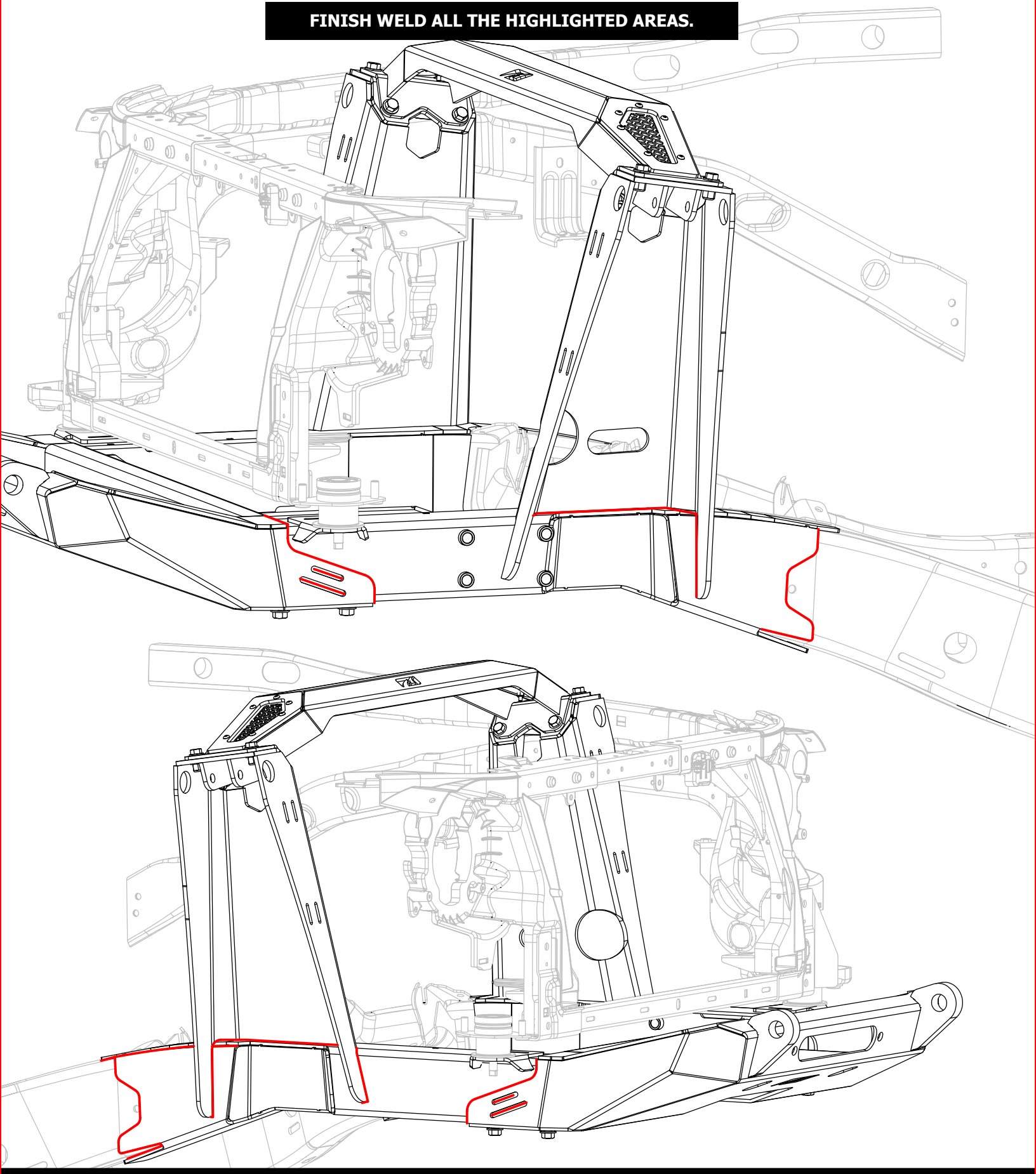
# MB3103

**ENSURE TOWERS ARE SQUARE AND POSITIONED CORRECTLY BEFORE WELDING**



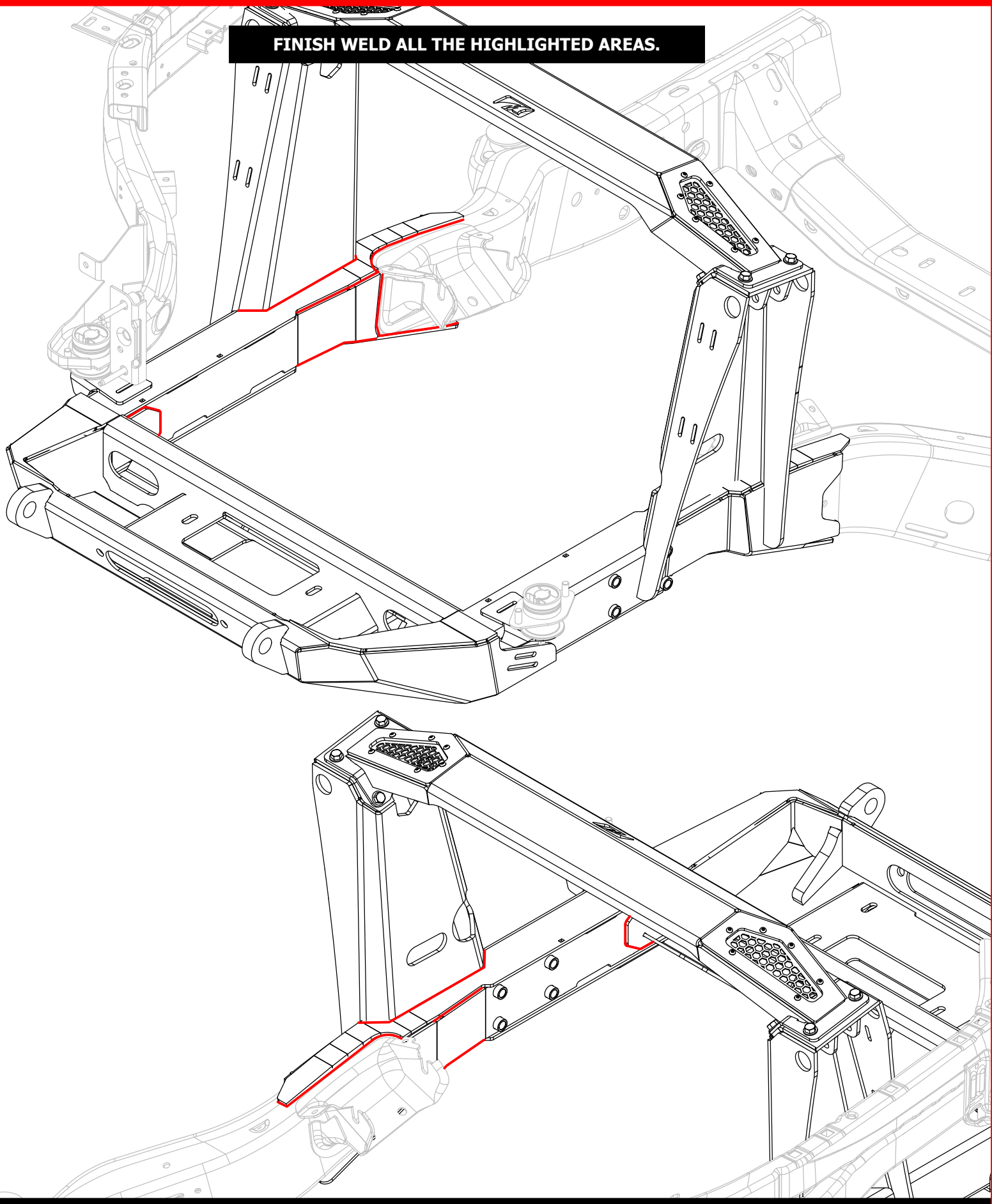
# MB3103

**FINISH WELD ALL THE HIGHLIGHTED AREAS.**



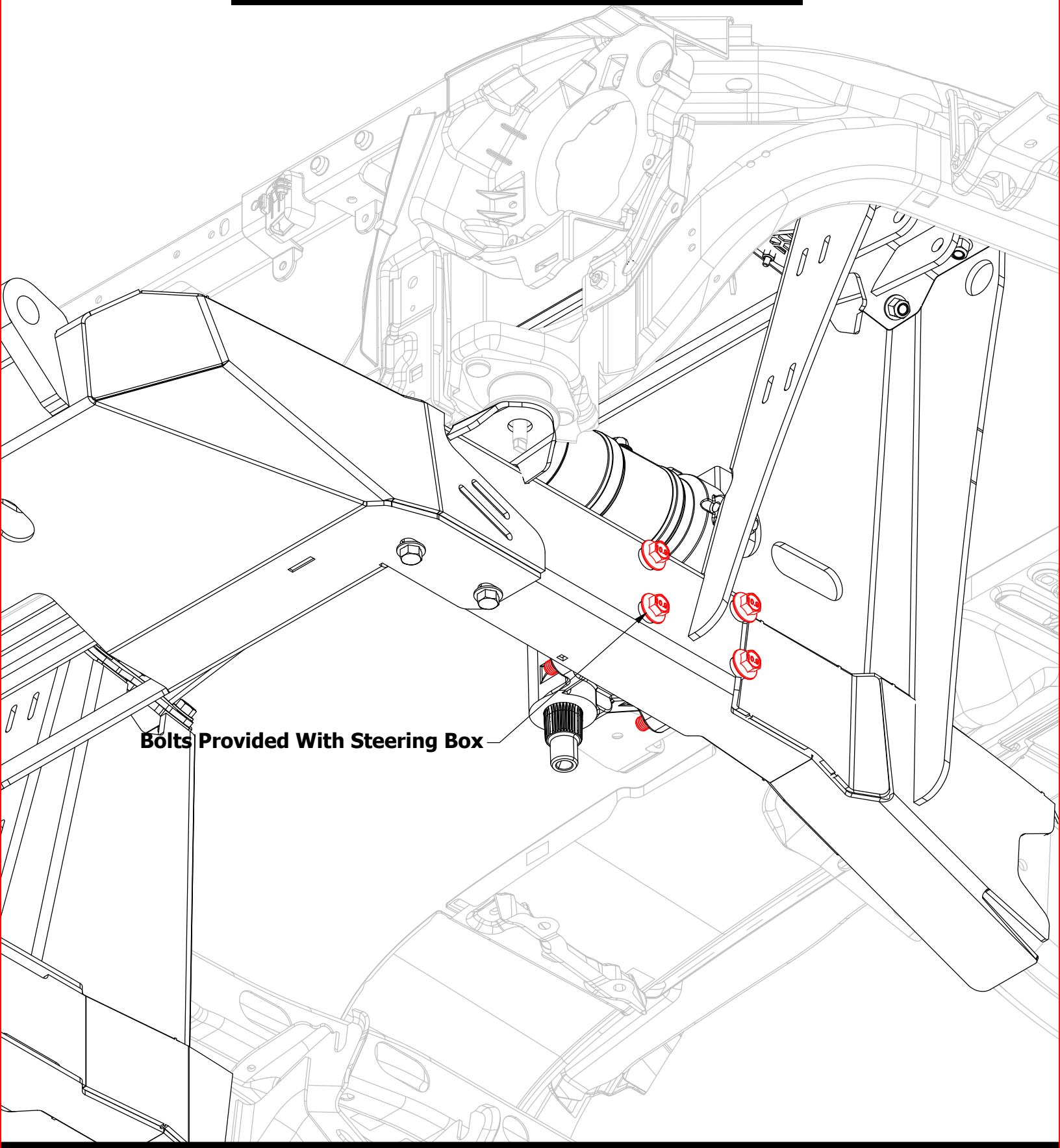
# MB3103

**FINISH WELD ALL THE HIGHLIGHTED AREAS.**



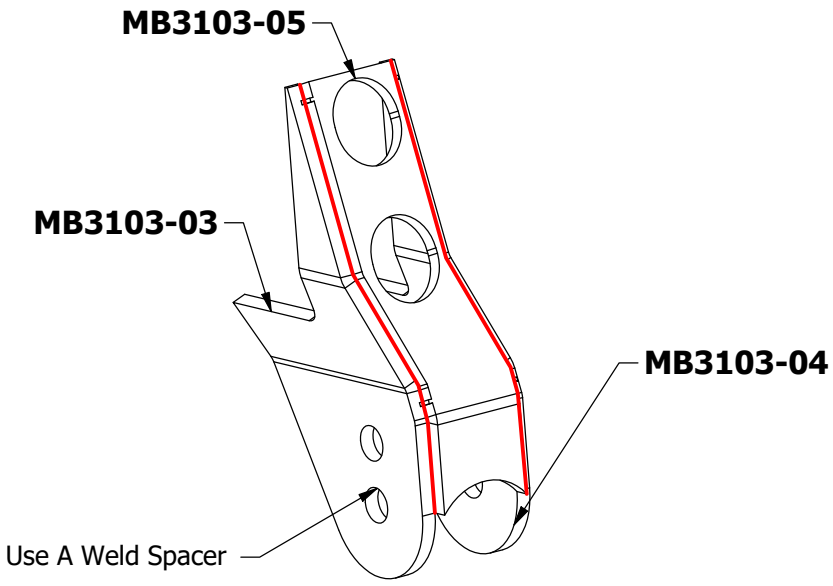
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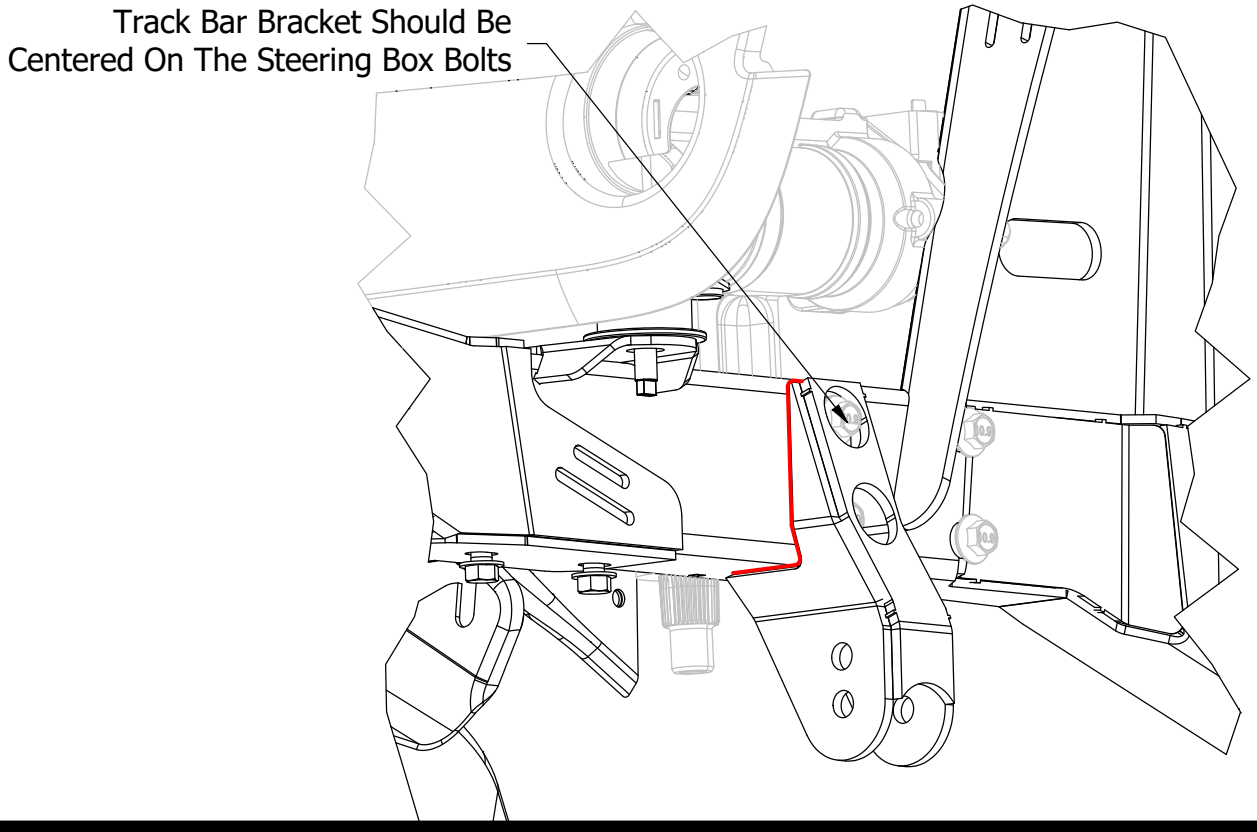
**BOLT YOUR STEERING BOX TO YOUR NEW FRAME.**



# MB3103

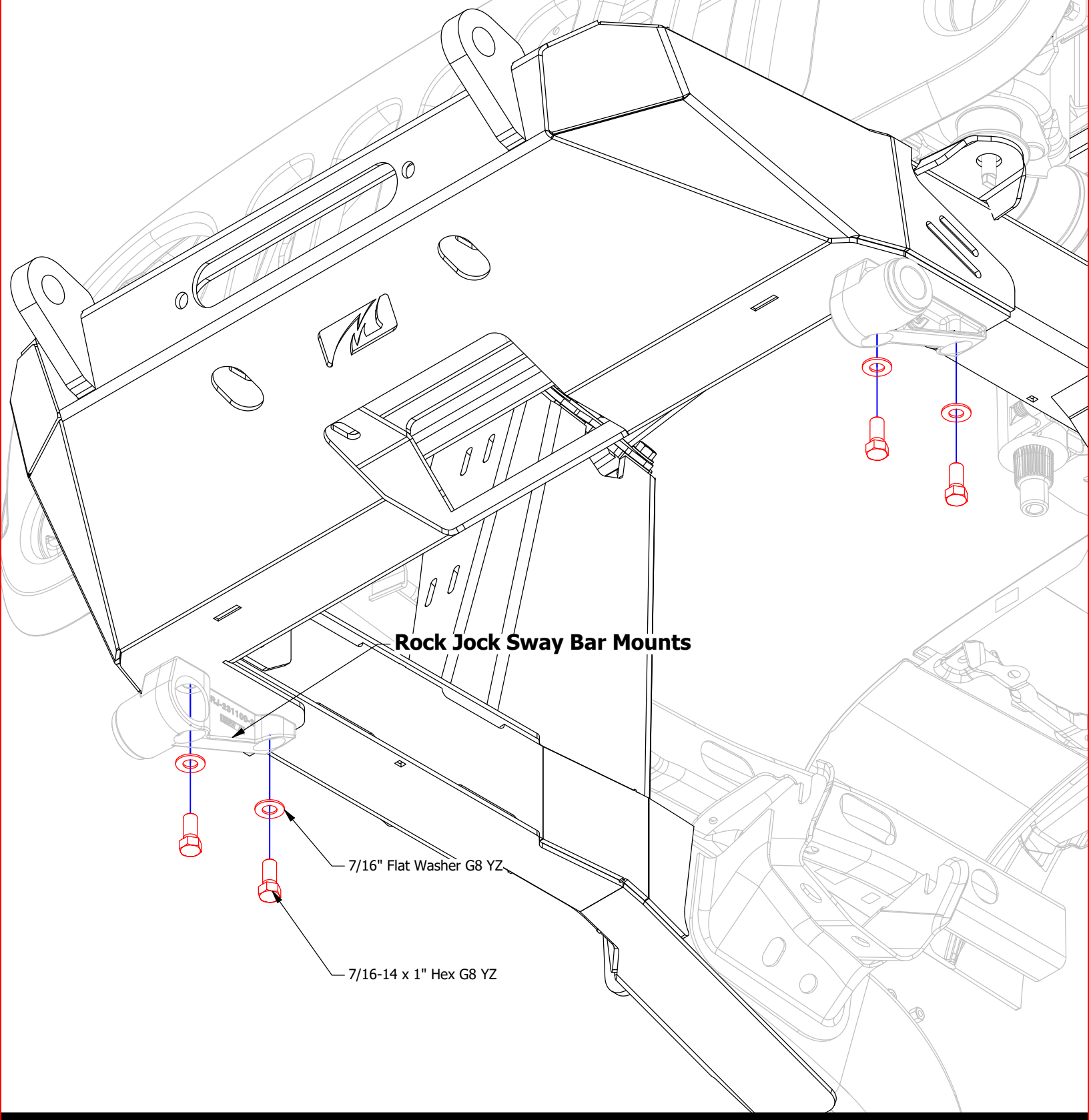
**WELD TRACK BAR BRACKET TOGETHER, THIS IS DESIGNED TO USE A 1 5/8" WIDE JOINT WITH A 9/16" BOLT.**



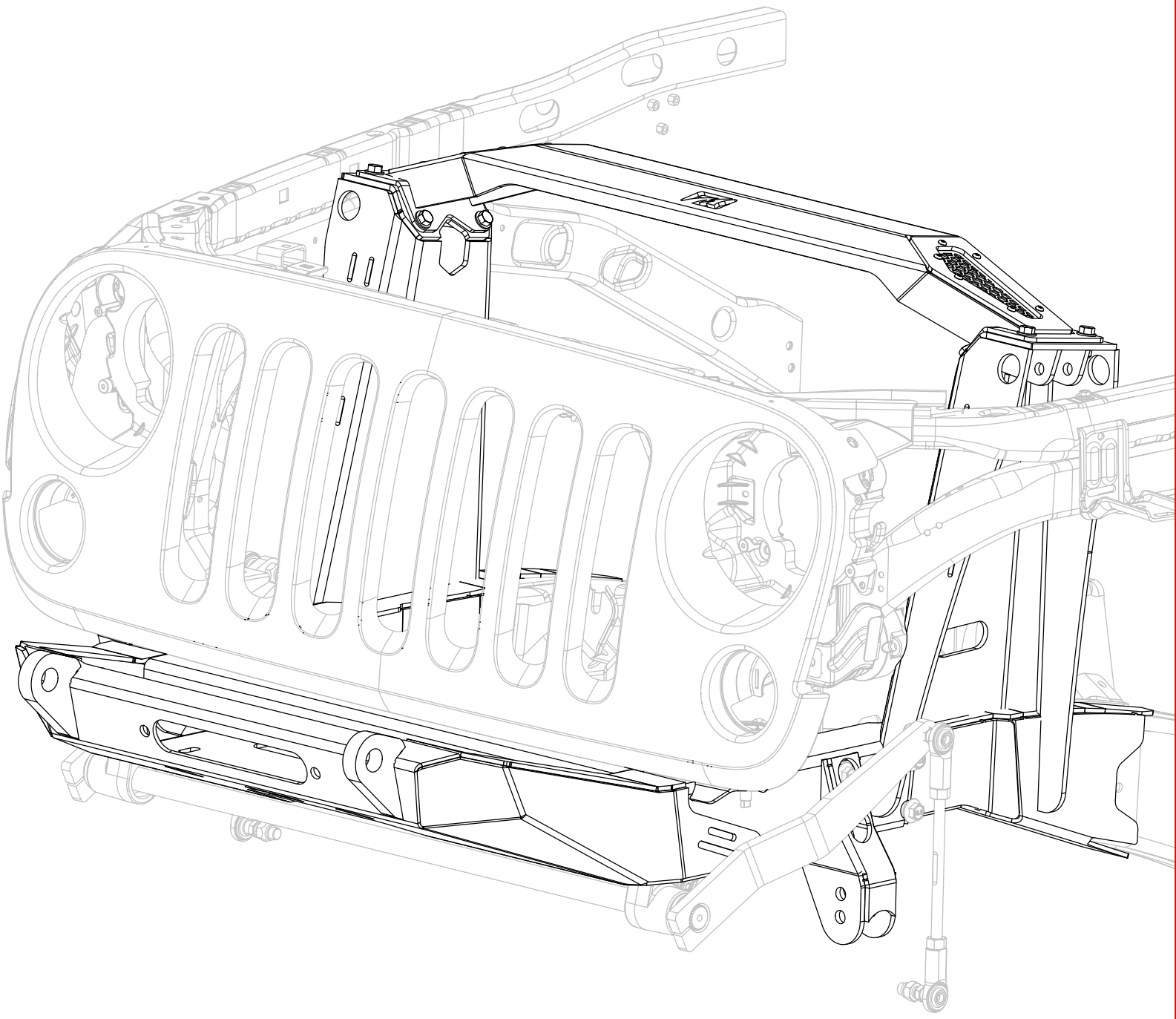



# MB3103

**MOUNT SWAY BAR MOUNTS TO THE FRONT HALF KIT USING THE PROVIDED HARDWARE**



# MB3103



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