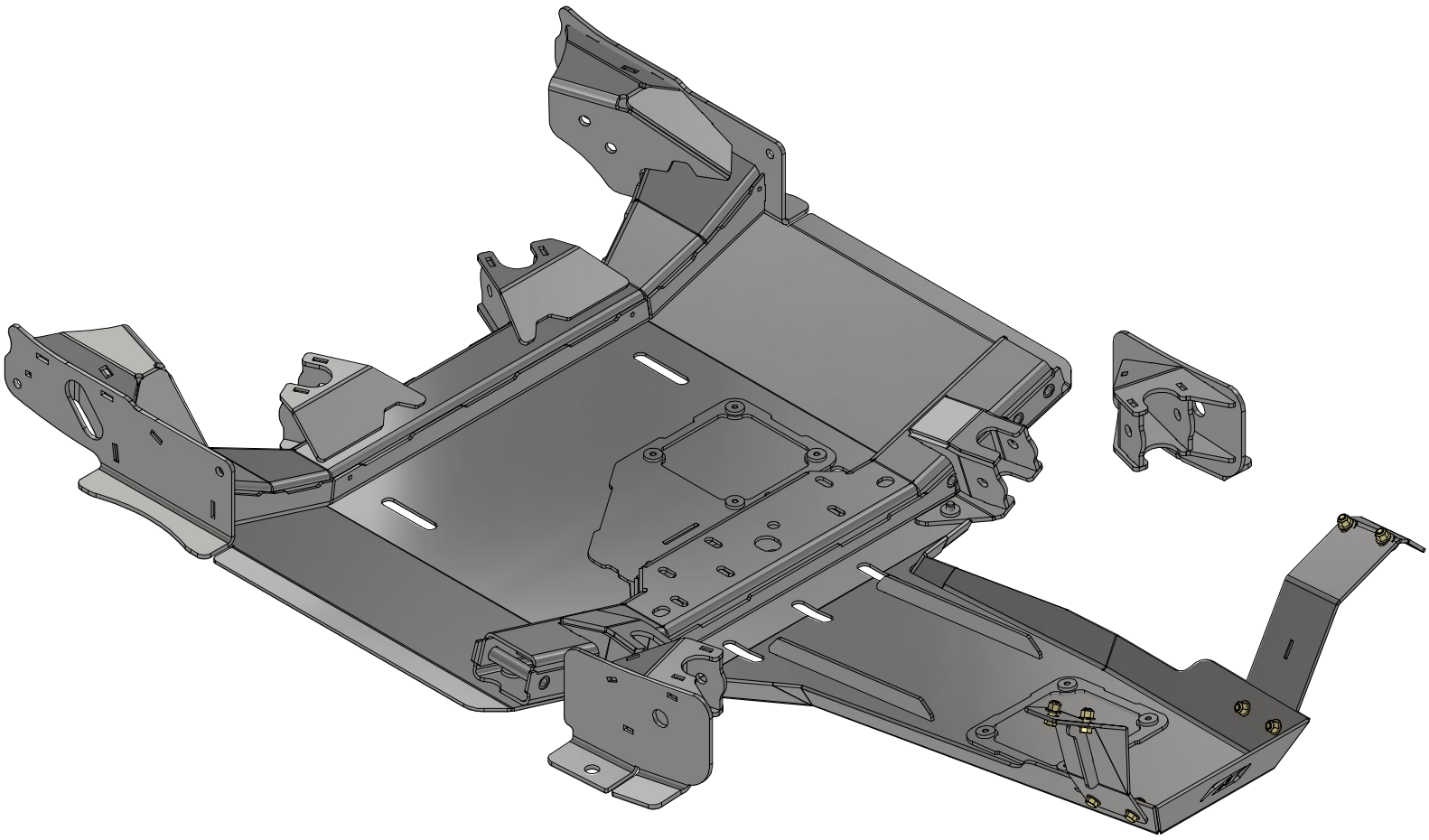
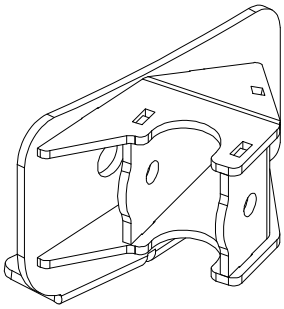
MB7020 - Double Triangulated Suspension with 10" Rear Stretch

Compatible with Year Model (12-18 Jeep JK)

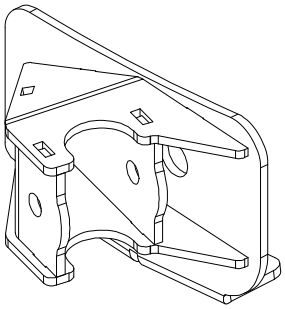


ASSEMBLY INSTRUCTIONS

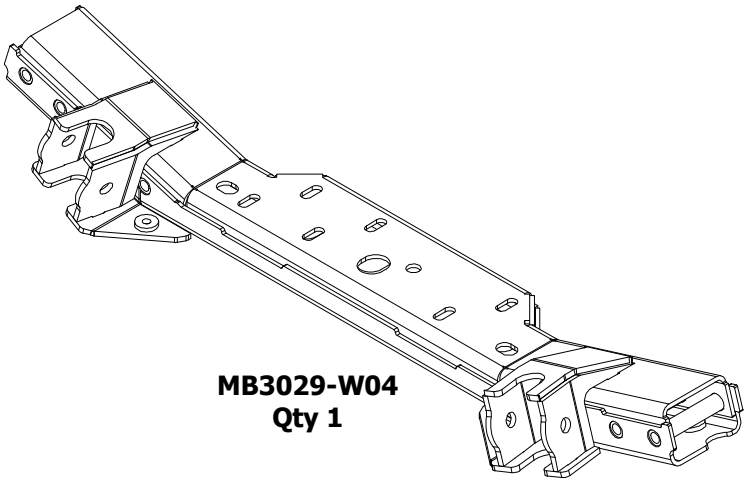
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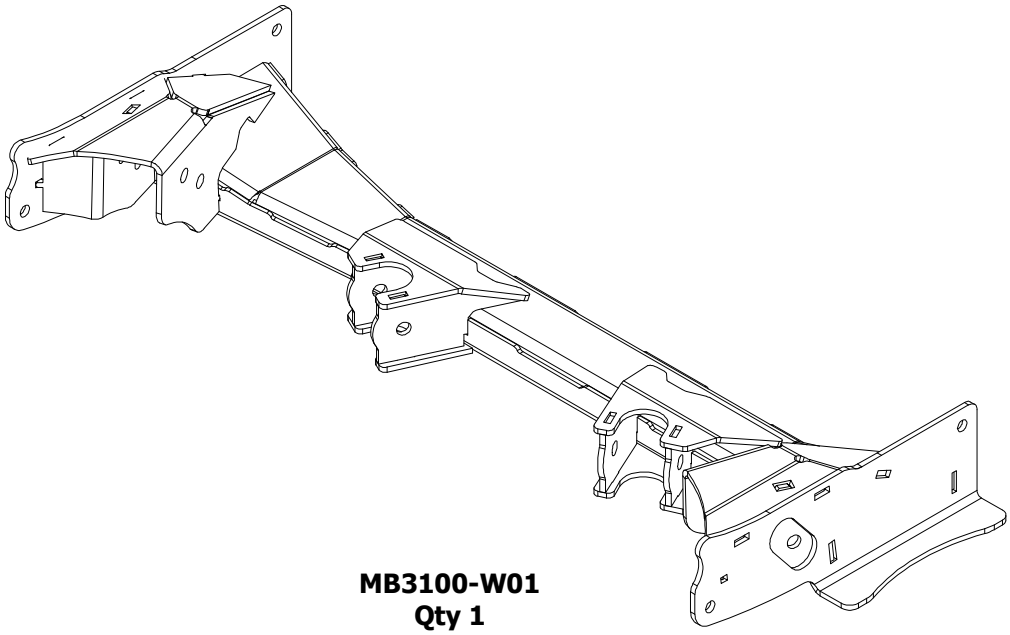
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Qty 1



MB3029-W01
Qty 1



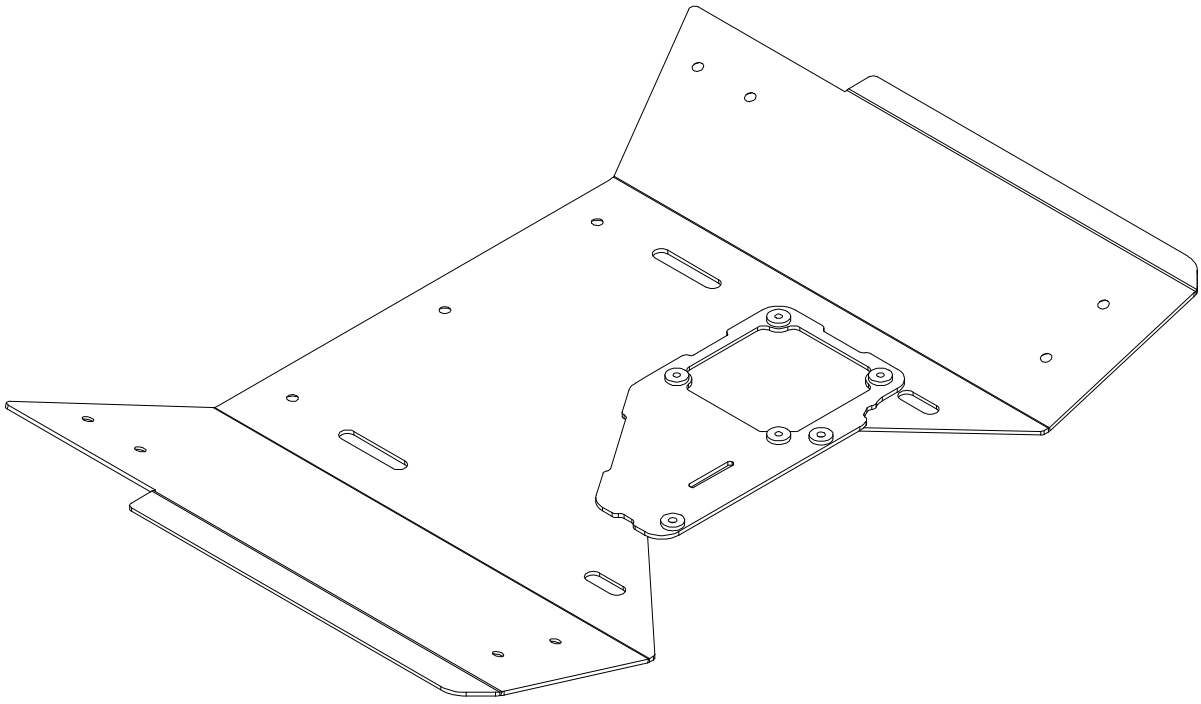
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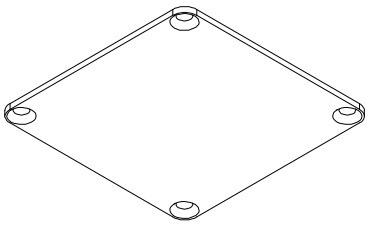
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Qty 1

MB7020 - Shipping

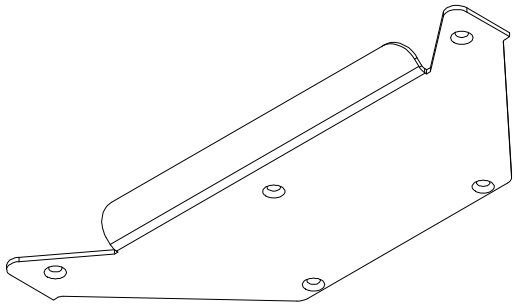
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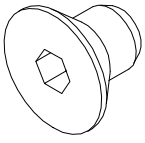
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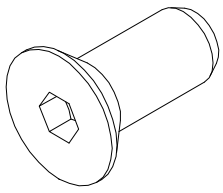
MB3099-01
Qty 1



U021
Qty 1



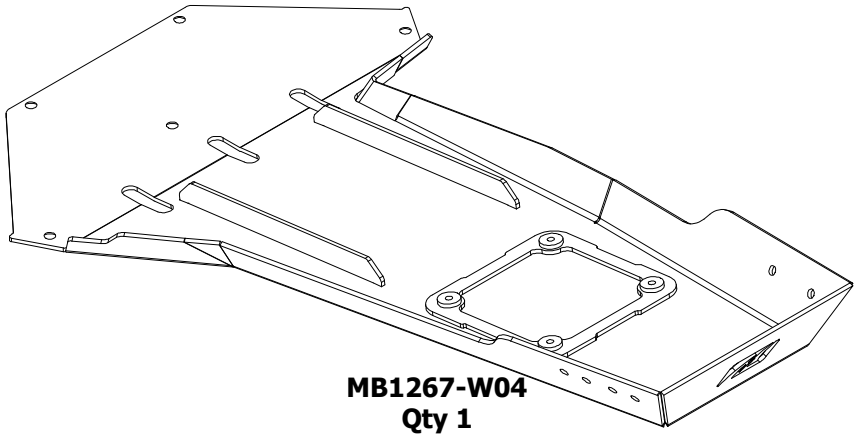
3/8-16 x 1/2" FHS-BO
Qty 8



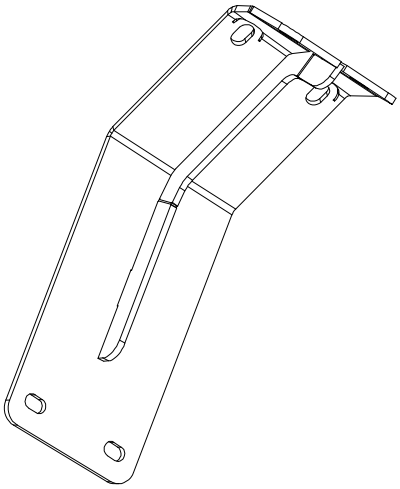
7/16-14 x 1" FHS-BO
Qty 19

MB7020 - Shipping

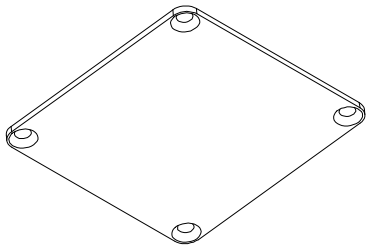
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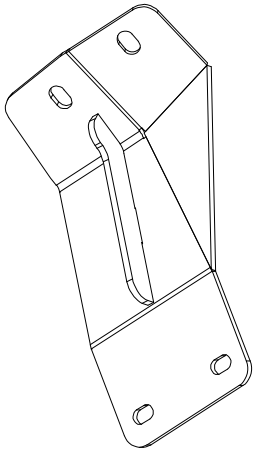
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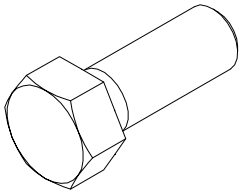
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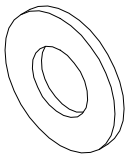
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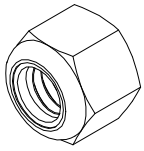
MB1267-W02
Qty 1



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

Preparation and Installation Guide

Compatibility: This Suspension system ships in bare steel and is designed to replace your suspension with a triangulated front and rear or a triangulated rear and 3 link front. These assemblies instructions cover the basic steps of how to install the suspension brackets. Thsi kit is designed for a 2 5/8" wide suspension joint with a 5/8" bolt. this kit does not require the removal of the jeep body/tub.

1. **Prepare and Inspect:** Unbox and inspect all components to ensure everything is included and free of damage.

2. **Prep and Install:** Remove all the axles and all suspension and follow the instructions on what parts need to be cut from the frame.

3. **Fit Up and Weldout:** Attach all the brackets to the frame and tack to ensure suspension travel is not interfering. Fully weld brackets to the frame after confirming travel is not impeded.

4. **Hardware:** This kit is designed to use 5/8" x 4 1/2" Grade 8 Bolt combined with washers and a locking nut on all eh suspension brackets

5. **Exhaust:** This kit requires exhaust modifications to work with a 4 link front**.**

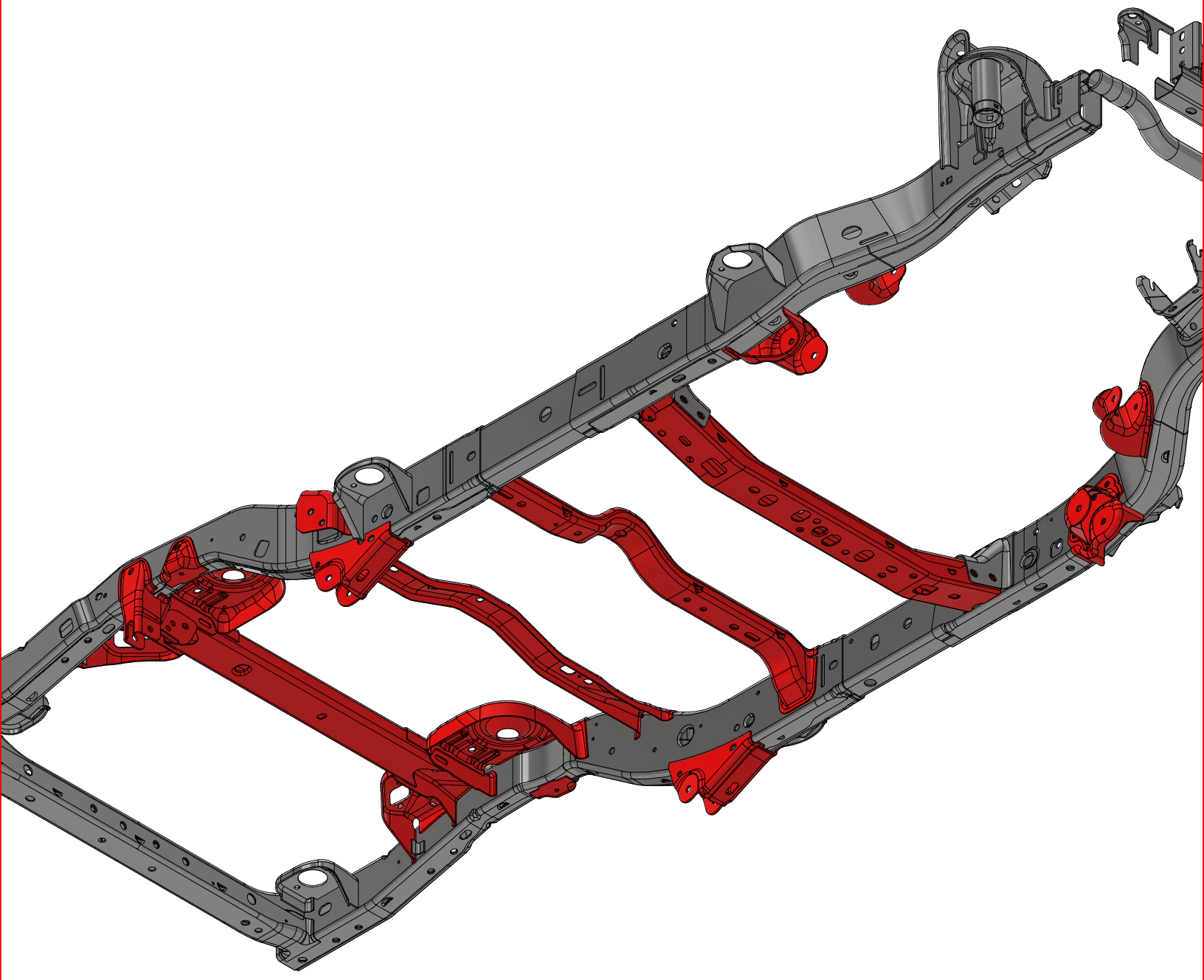
6. **Engine Skid:** If you have a V8 swap or some other reason for there to be less room for the full skid to not mount to the factory engine Hangers U021 (Smaller Skid) will need to be used.

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

For questions or assistance, please contact Motobilt support.

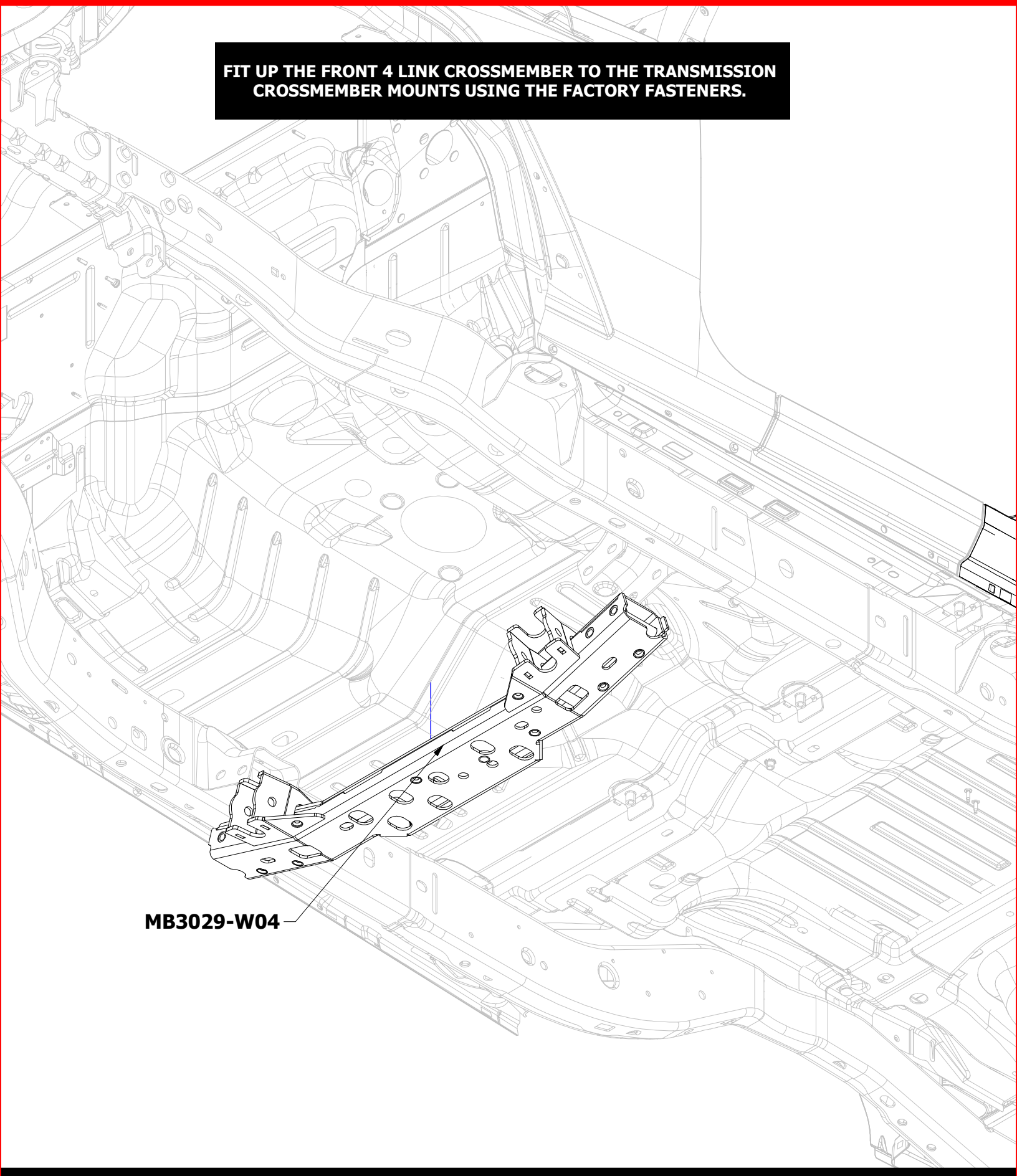
MB7020 - Double Triangulated Suspension with 10" Rear Stretch for JK

Remove All The Red Suspension Brackets And Crossmembers



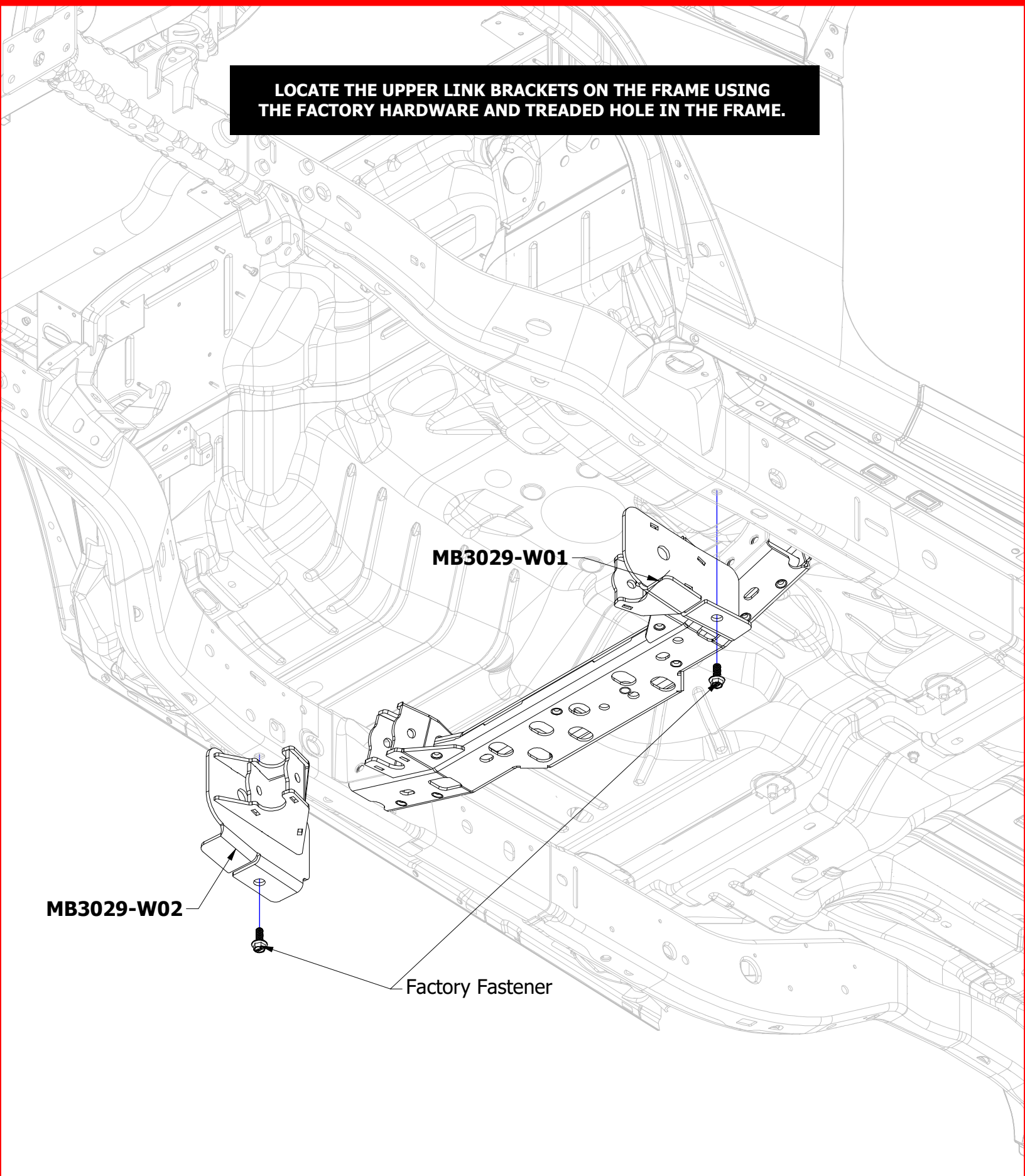
MB7020 - Assembly Instructions

FIT UP THE FRONT 4 LINK CROSSMEMBER TO THE TRANSMISSION CROSSMEMBER MOUNTS USING THE FACTORY FASTENERS.



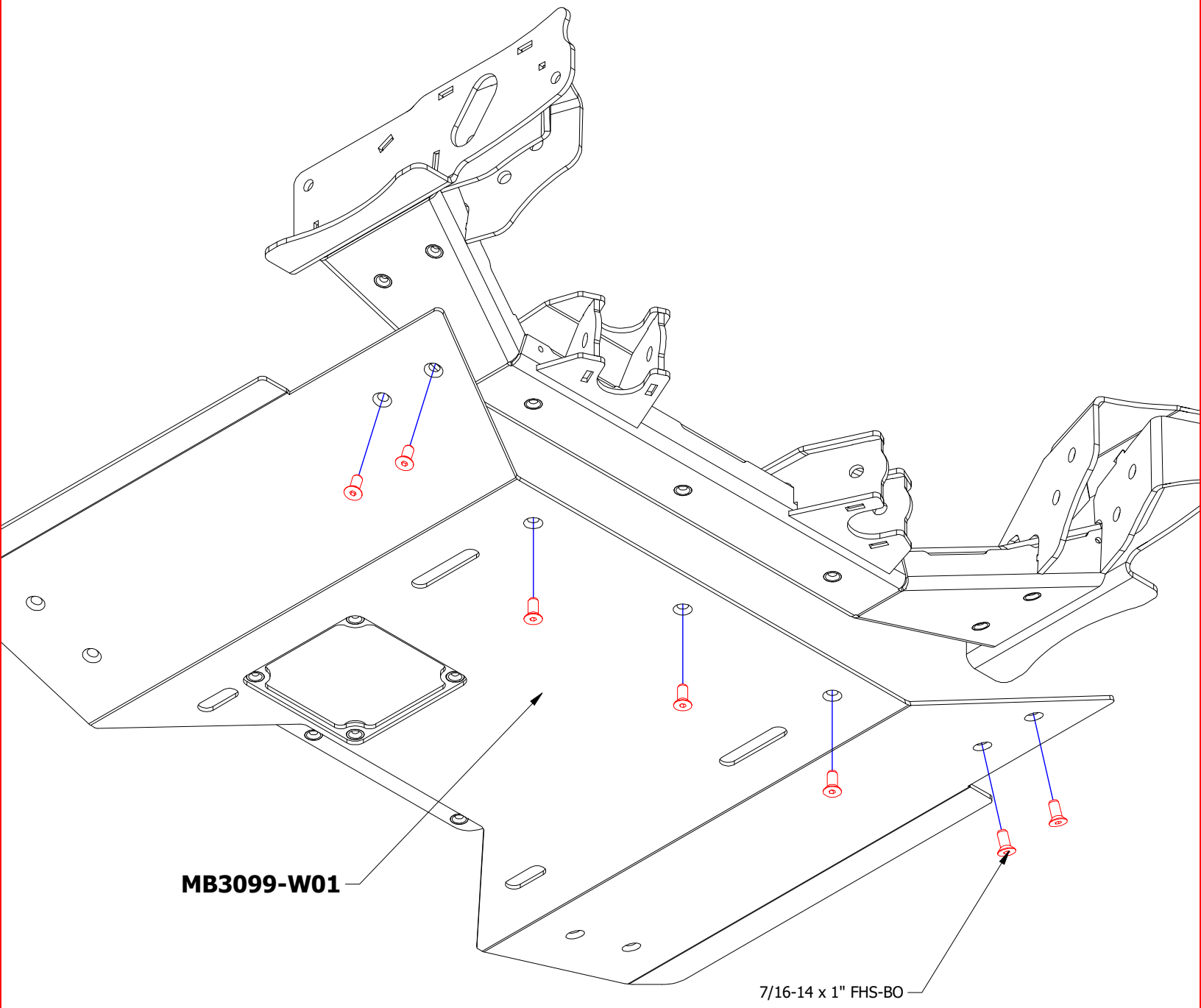
MB7020 - Assembly Instructions

LOCATE THE UPPER LINK BRACKETS ON THE FRAME USING THE FACTORY HARDWARE AND TREADED HOLE IN THE FRAME.

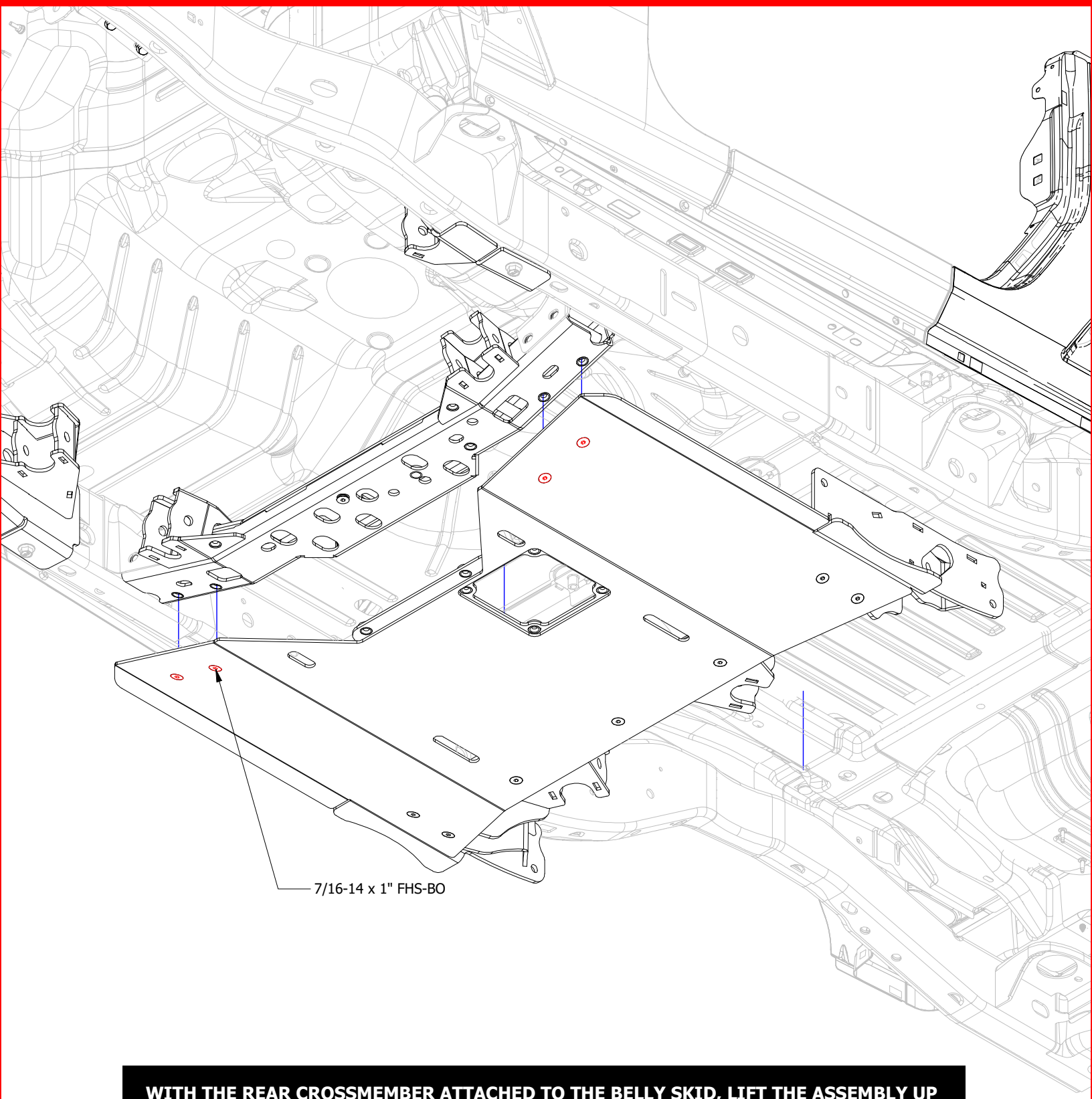


MB7020 - Assembly Instructions

FASTEN THE MB3100 REAR CROSSMEMBER TO THE BELLY SKID USING THE SUPPLIED FASTENERS

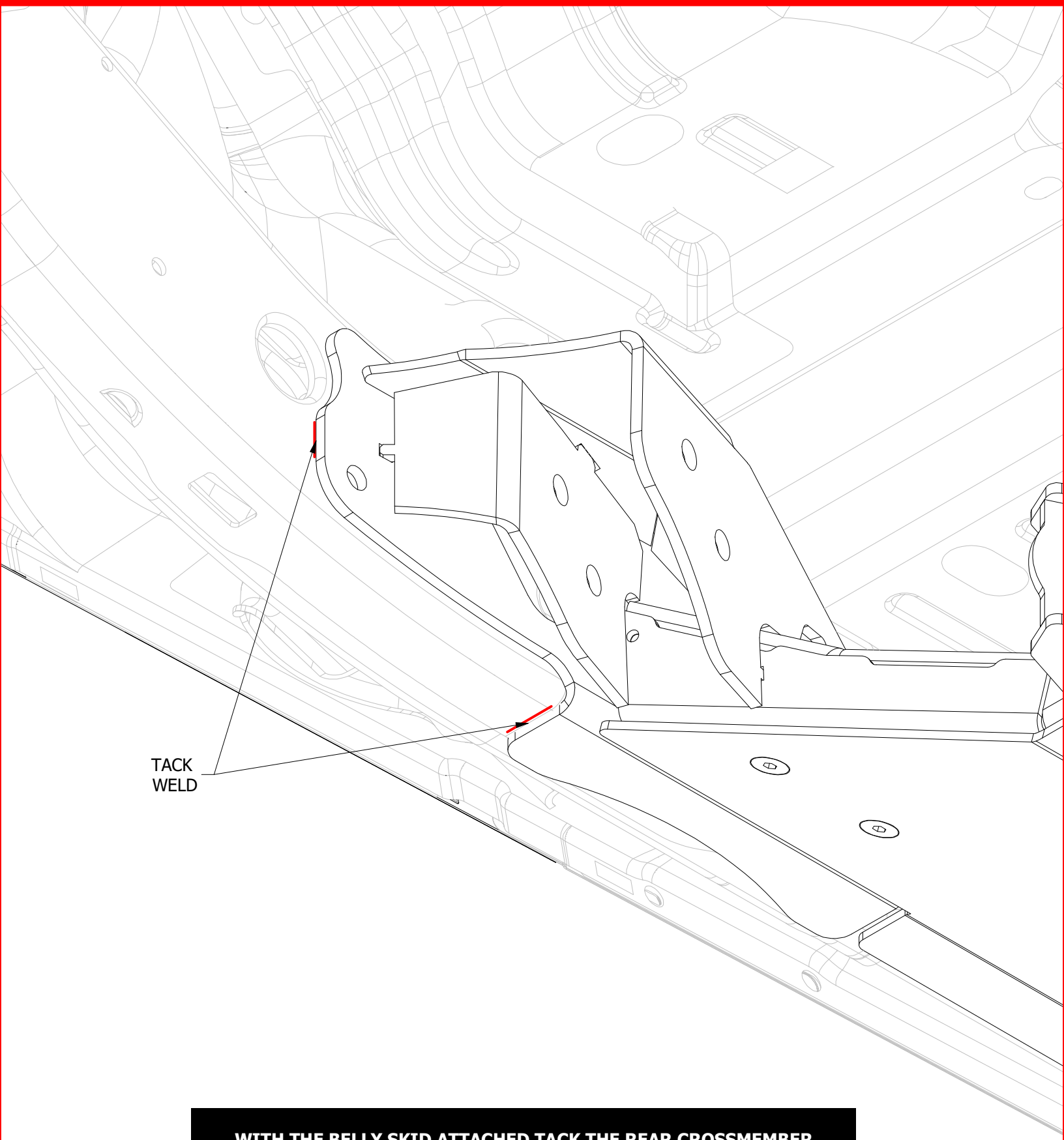


MB7020 - Assembly Instructions



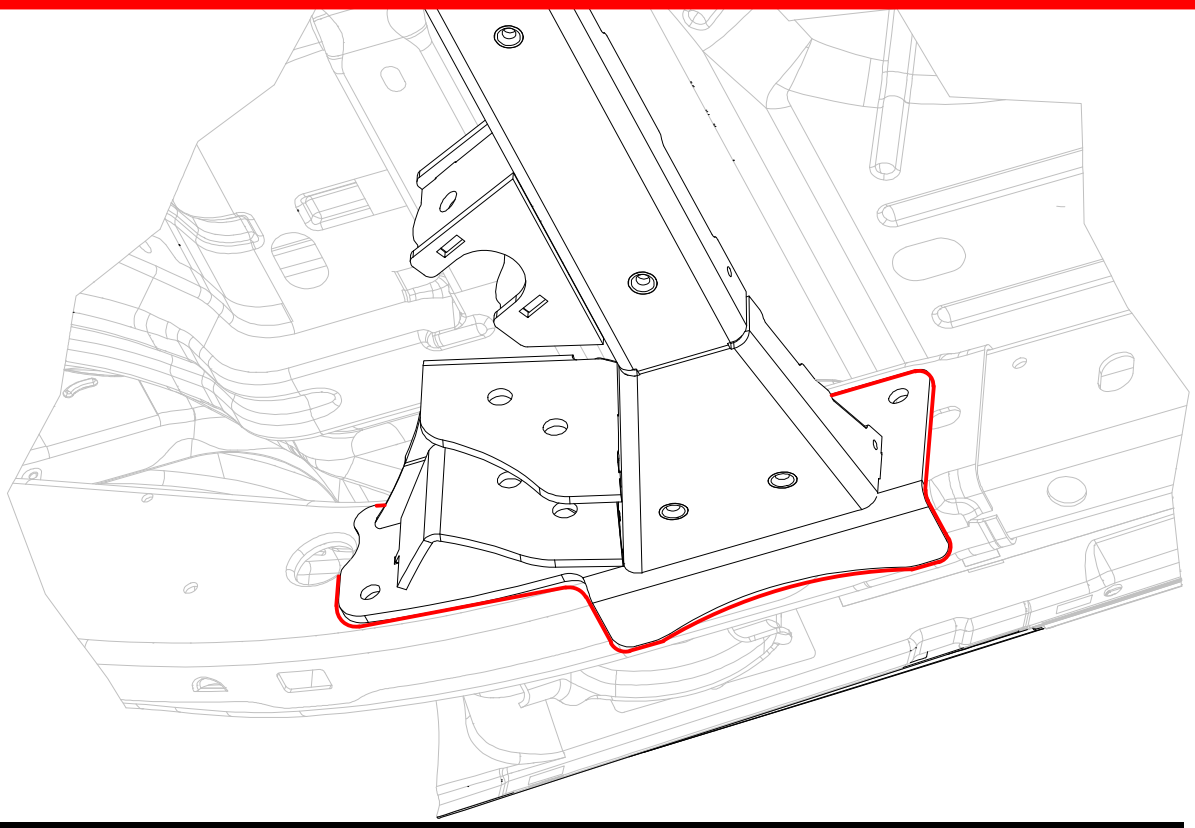
WITH THE REAR CROSSMEMBER ATTACHED TO THE BELLY SKID, LIFT THE ASSEMBLY UP AND SECURE IT TO THE FRONT CROSSMEMBER WITH PROVIDED FASTENERS.

MB7020 - Assembly Instructions

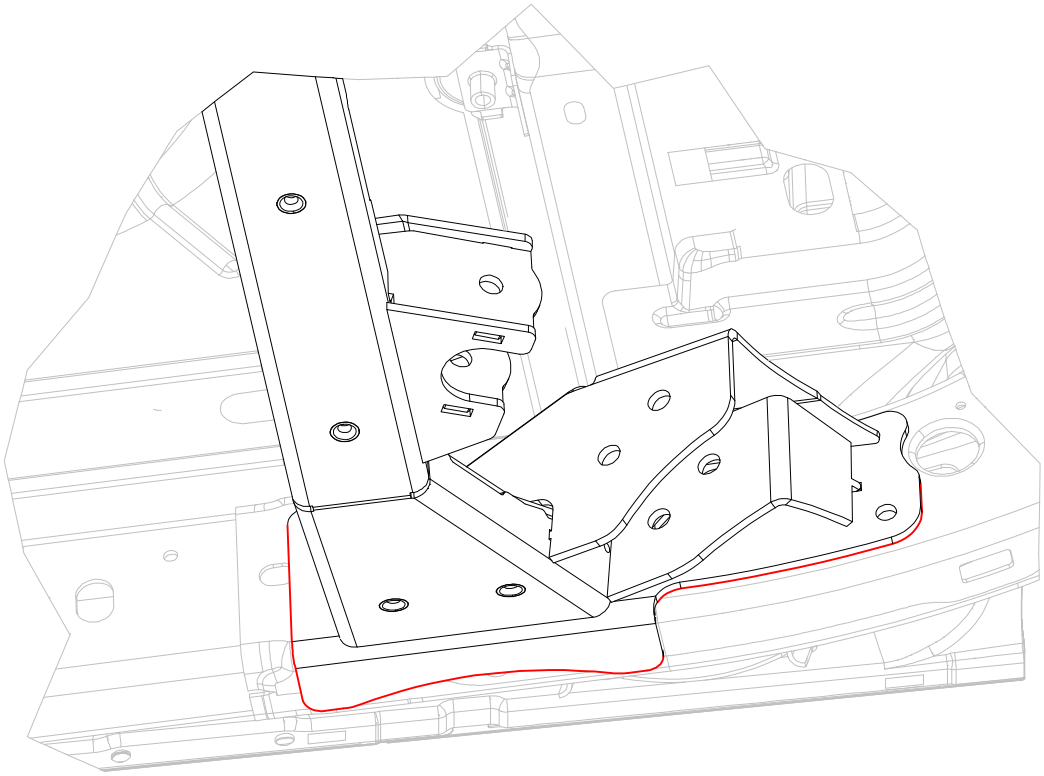


WITH THE BELLY SKID ATTACHED TACK THE REAR CROSSMEMBER IN PLACE SO THE BELLY SKID CAN BE REMOVED.

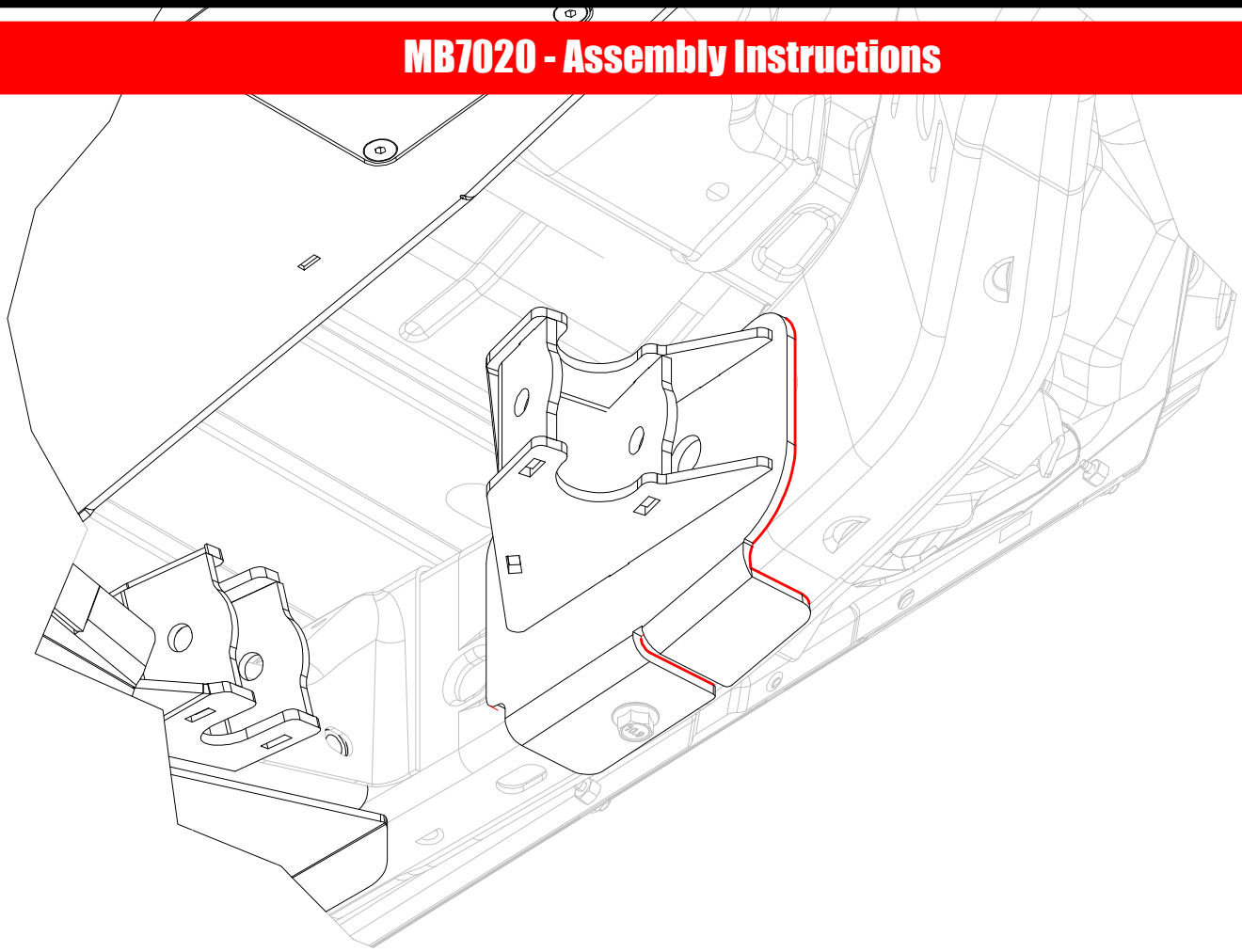
MB7020 - Assembly Instructions



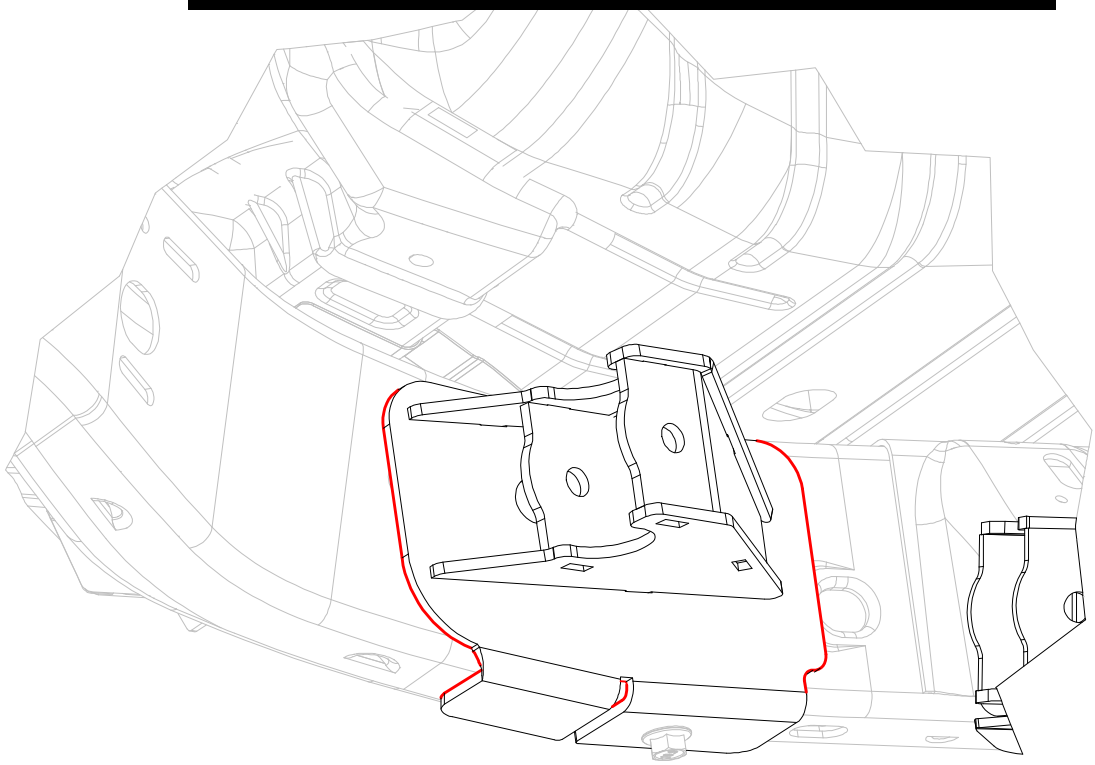
AFTER CYCLING THE SUSPENSION FULLY WELD THE CROSSMEMBER TO THE FRAME.



MB7020 - Assembly Instructions

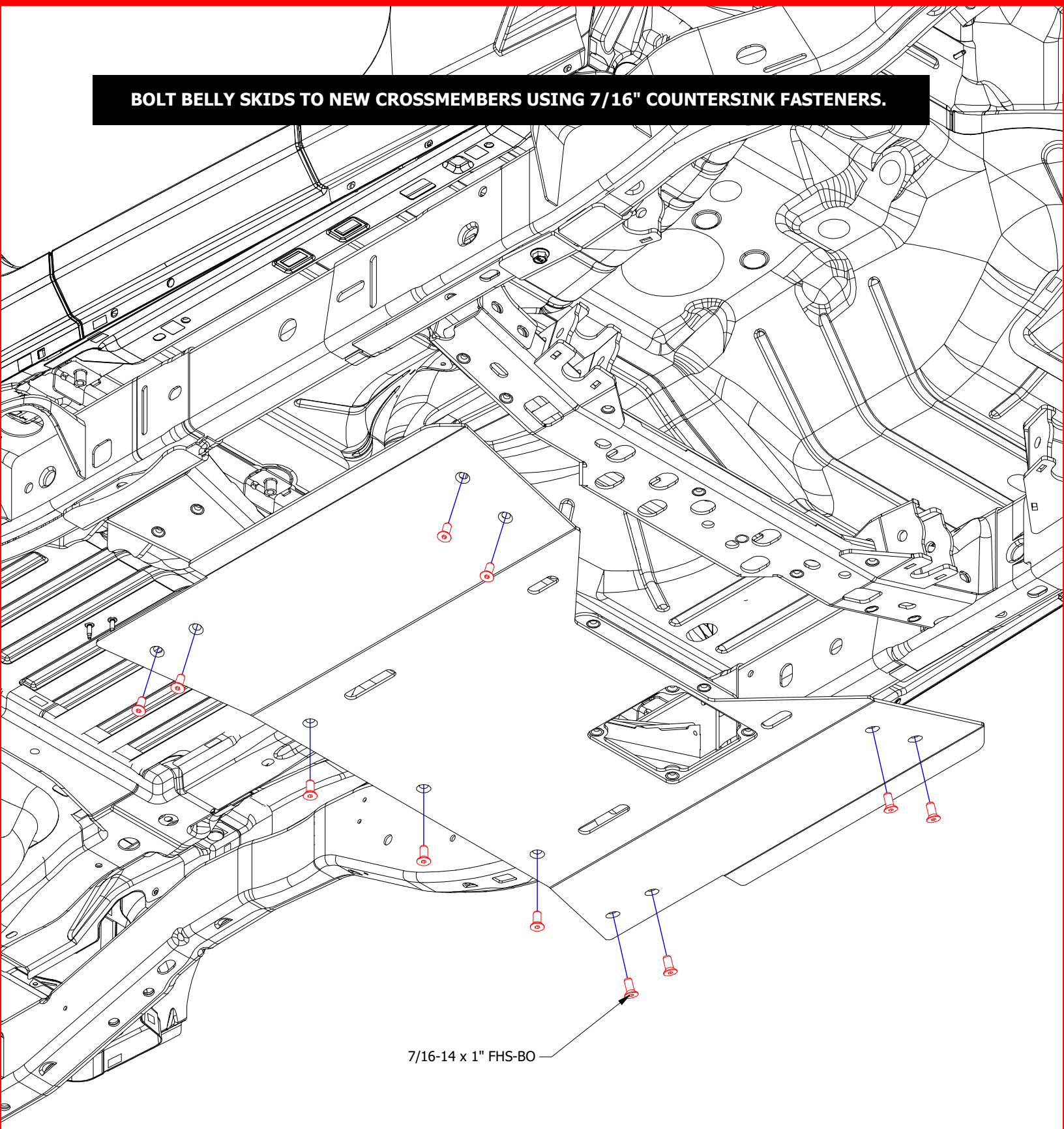


AFTER CYCLING THE SUSPENSION FULLY WELD THE FRONT UPPER LINK MOUNTS TO THE FRAME.



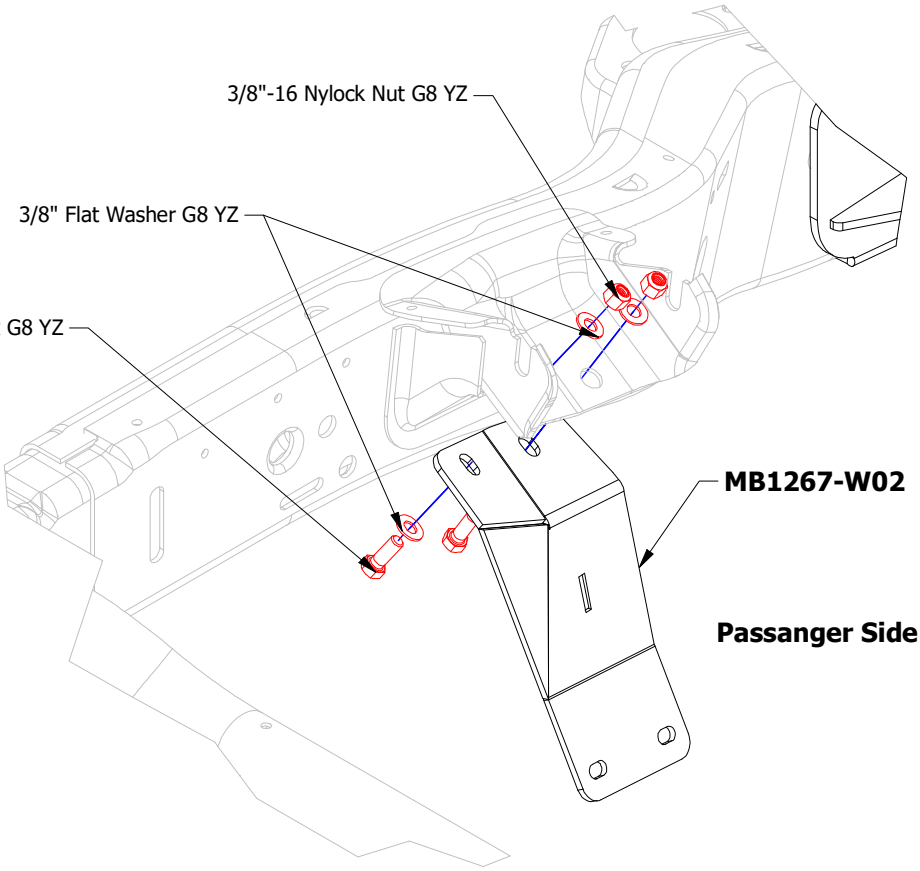
MB7020 - Assembly Instructions

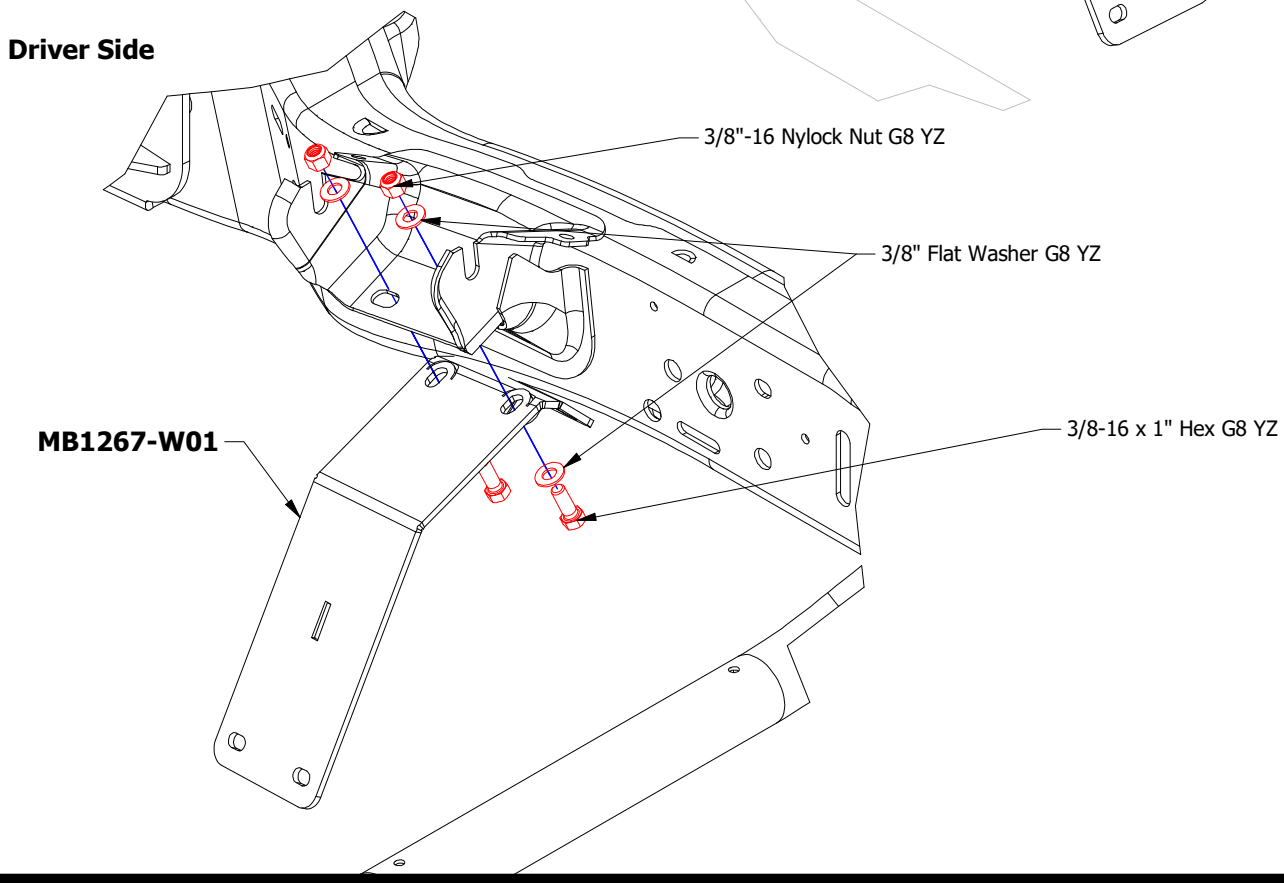
BOLT BELLY SKIDS TO NEW CROSSMEMBERS USING 7/16" COUNTERSINK FASTENERS.



MB7020 - Assembly Instructions

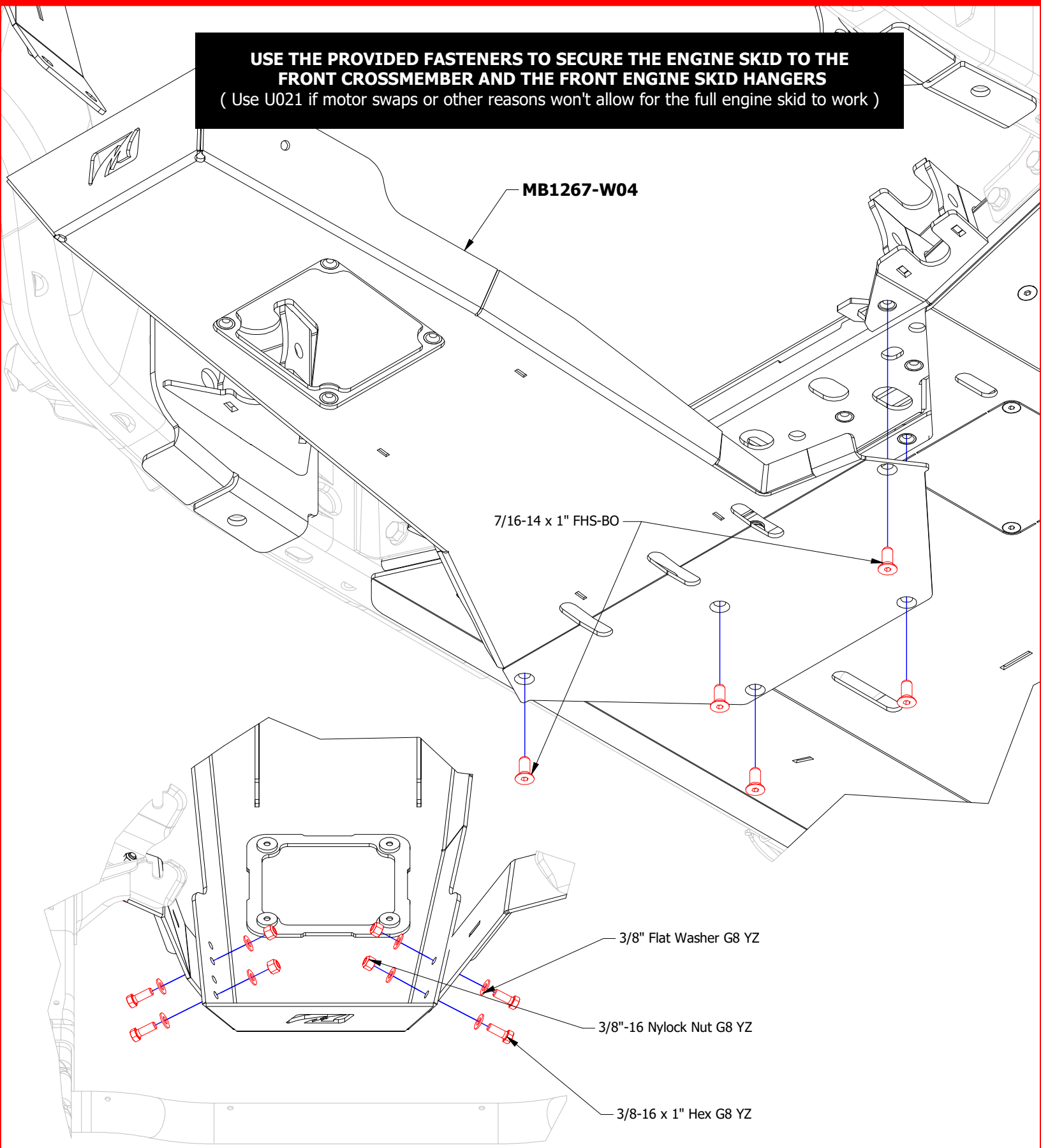
USE THE PROVIDED FASTENERS TO MOUNT THE ENGINE SKID HANGER BACKETS TO THE MOTOR MOUNTS





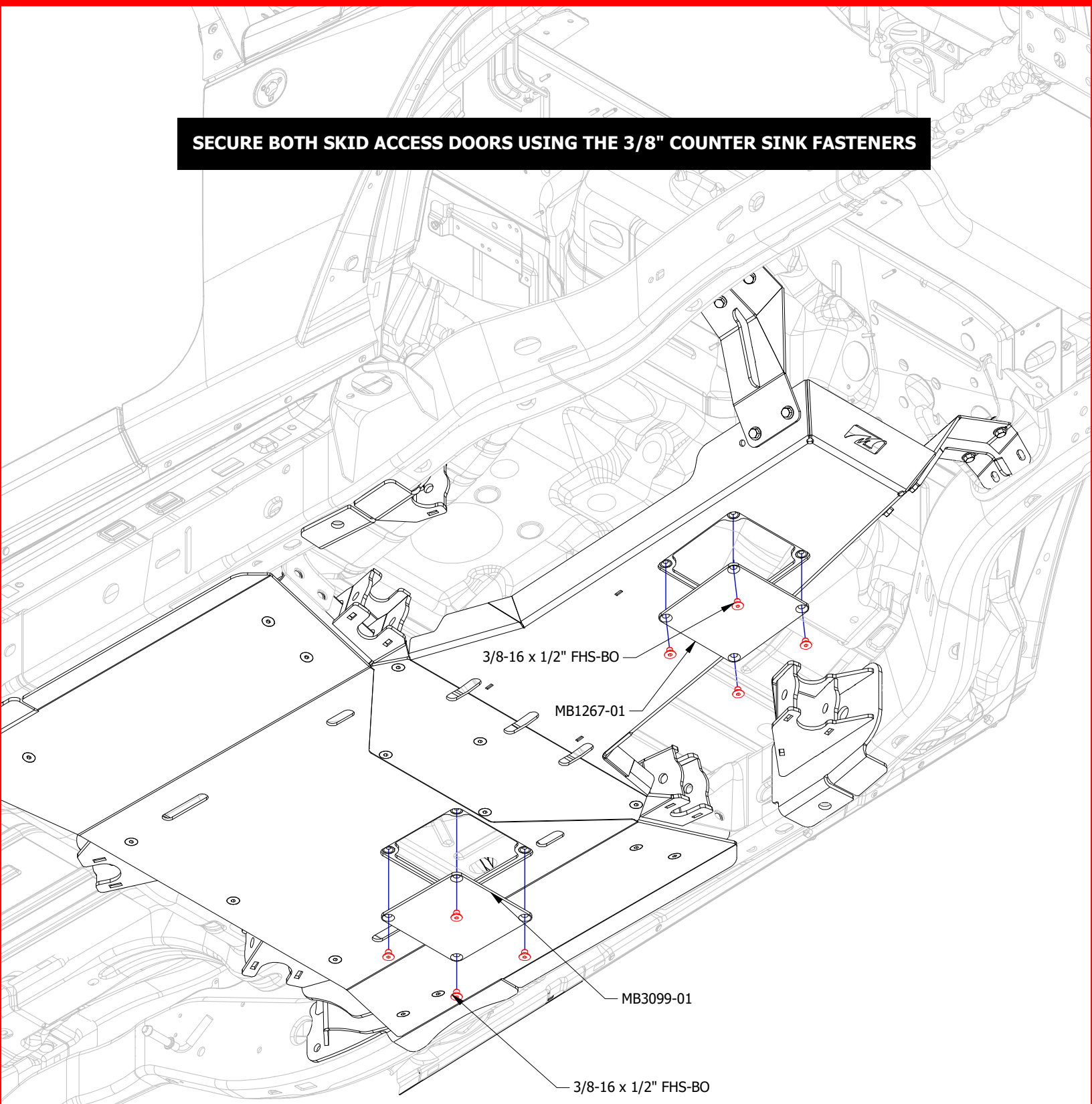
MB7020 - Assembly Instructions

USE THE PROVIDED FASTENERS TO SECURE THE ENGINE SKID TO THE FRONT CROSSMEMBER AND THE FRONT ENGINE SKID HANGERS
(Use U021 if motor swaps or other reasons won't allow for the full engine skid to work)



MB7020 - Assembly Instructions

SECURE BOTH SKID ACCESS DOORS USING THE 3/8" COUNTER SINK FASTENERS



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