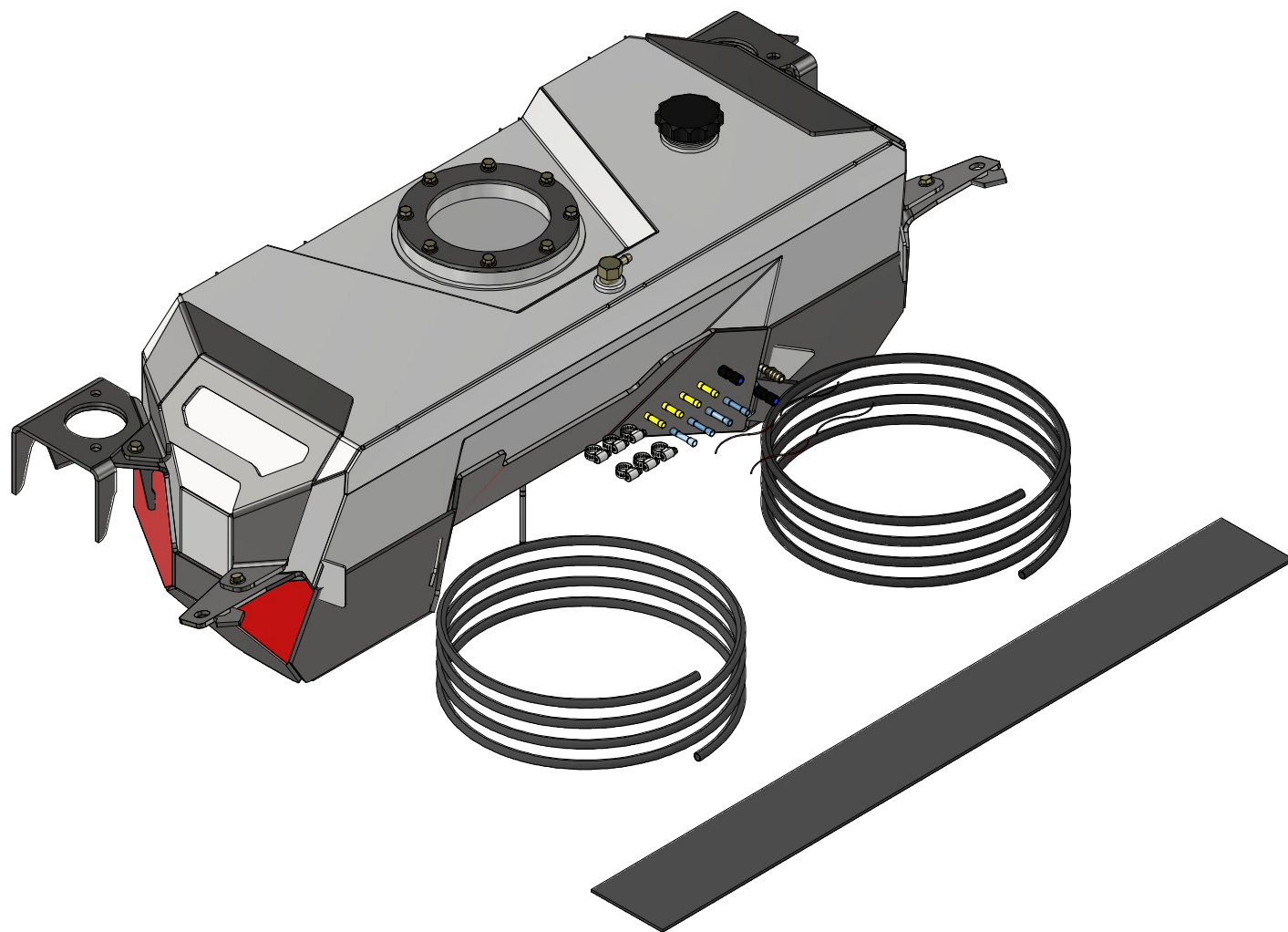


MB5099

MB5099 - Tomahawk Fuel Cell

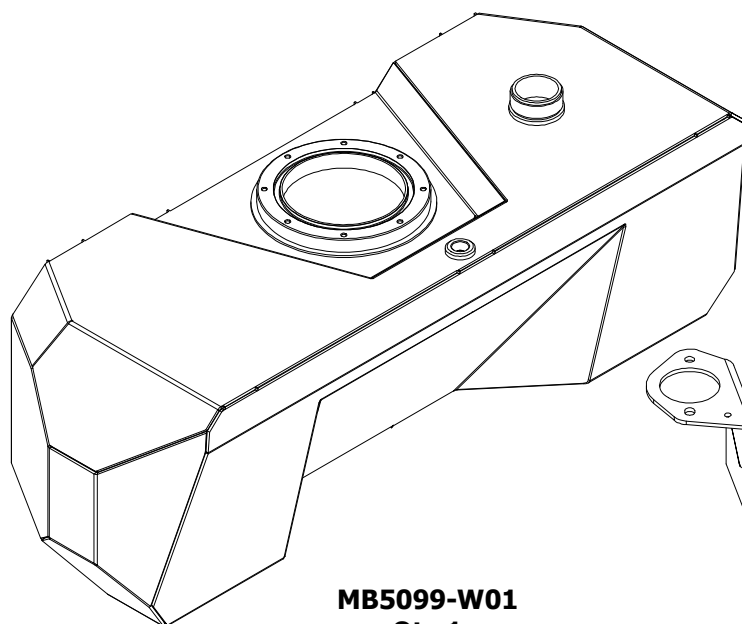
Compatible with 2007-2018 Wrangler JK / JKU



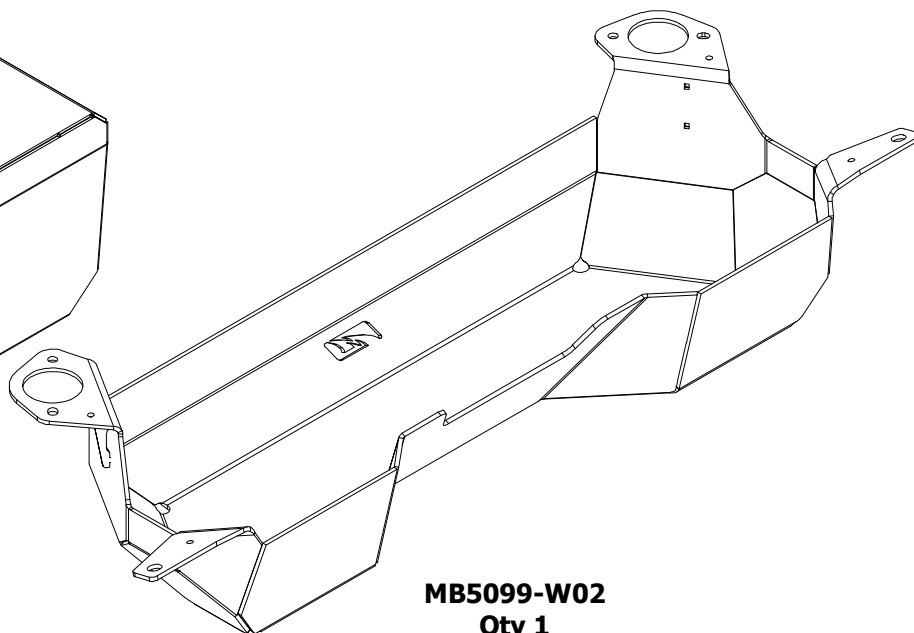
ASSEMBLY INSTRUCTIONS

MB5099

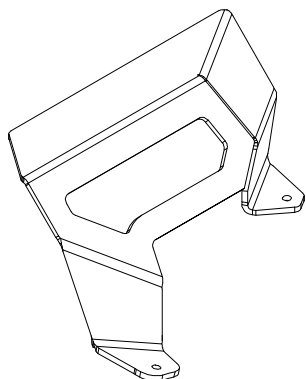
CONTENTS



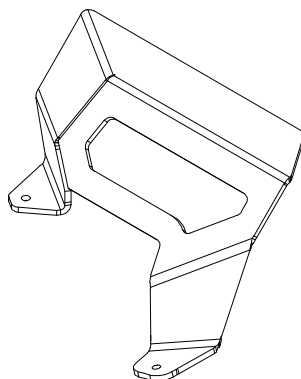
MB5099-W01
Qty 1



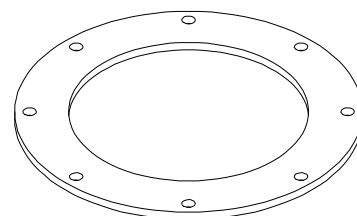
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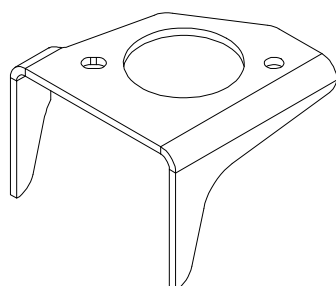
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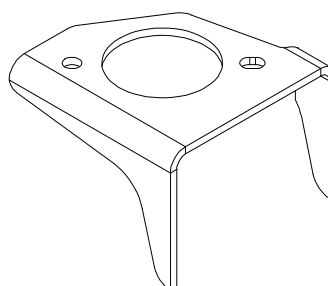
MB5099-02
Qty 1



MB5515-02
Qty 1



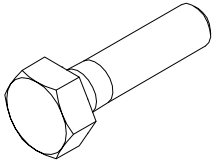
MB5099-03
QTY 1



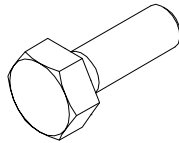
MB5099-04
QTY 1

MB5099

CONTENTS



1/4-20 x 1" Hex G8 YZ
Qty 4



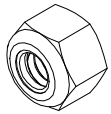
1/4-20 x 3/4" Hex G8 YZ
Qty 8



1/4" Lock Washer G8 YZ
Qty 8



1/4" Flat Washer G8 YZ
Qty 16



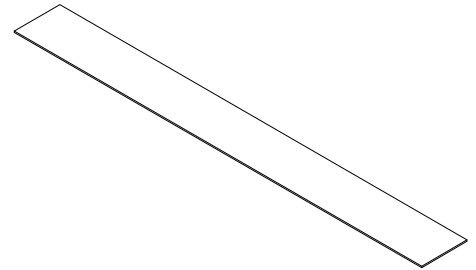
1/4"-20 Nylock Nut G8 YZ
Qty 4



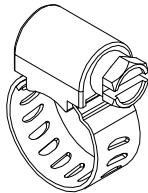
E-Clip, 4mm
Qty 4



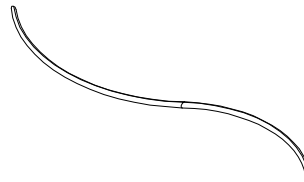
M6 Flatwasher, Zinc
Qty 1



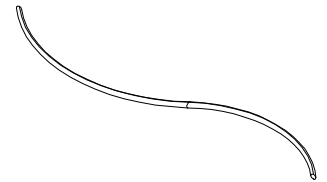
Rubber Strip 3'
Qty 2



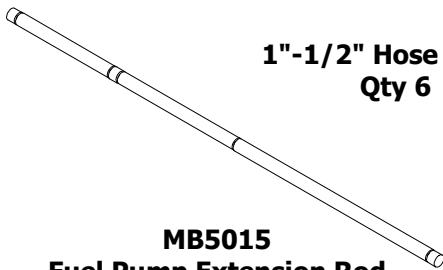
1"-1/2" Hose Clamp
Qty 6



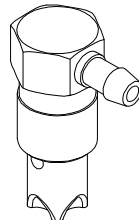
12ga Extension Wire
Qty 2



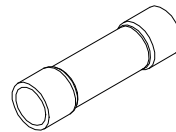
16ga Slender Extension Wire
Qty 2



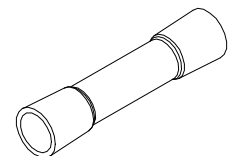
MB5015
Fuel Pump Extension Rod
Qty 2



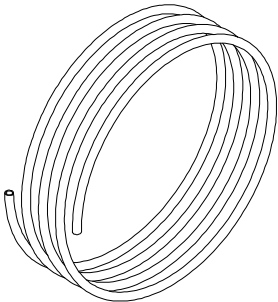
Roll Over Valve
Qty 1



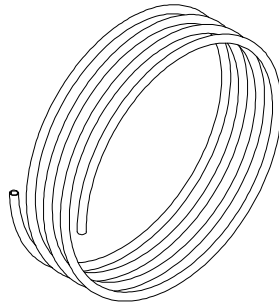
12ga-10ga Butt Connector
Qty 4



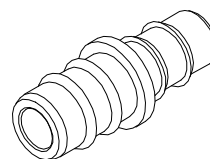
16ga-14ga Butt Connector
Qty 4



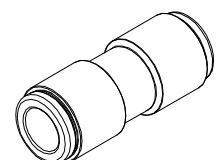
3/8" Rubber Fuel Line
Qty 1



3/8" Nylon Fuel Line
Qty 1



1_2 to 3_8 Barbed Splice
Qty 2



3/8" Push Connect Union
Qty 2



Preparation and Installation Guide

Compatibility

This 17.5-gallon fuel cell is designed for Jeep JK models with a rear axle stretch. The MB1260 Tomahawk Rear Bumper for JK is recommended for use with this fuel cell. To cover the opening in the rear cargo area while maintaining access to the fuel pump module, the MB5100 access cover is recommended.

Important Notes Before Installation

Please review the following requirements and compatibility notes before beginning installation. This product requires vehicle modification and is intended for customers with fabrication and mechanical experience. Professional installation is recommended.

1. Body Cutting Required Installation of this fuel cell requires removal of the rear floor storage area and rear jack storage area.

2. Rear Sway Bar Compatibility A rear sway bar is not compatible with this fuel cell, as there is not enough clearance for it to pass through the factory mounting locations.

3. Exhaust Modifications Required This product uses the space previously occupied by the factory muffler. You will need to cut and remove the factory muffler, heat shield, and factory muffler hangers. An aftermarket muffler must be added and relocated.

These instructions do not cover removal of factory exhaust components or installation of the aftermarket muffler.

4. Fuel Pump / Sending Unit Modification The factory fuel pump / sending unit will be reused and modified. This product includes the components needed to modify the factory fuel sending unit.

Refer to the MB5015 instructions for fuel pump / sending unit modification steps.

5. Rear Bumper Compatibility This fuel cell is not compatible with the MB1081 Frame Chop Rear Bumper or any aftermarket rear bumper that uses a replacement rear crossmember.

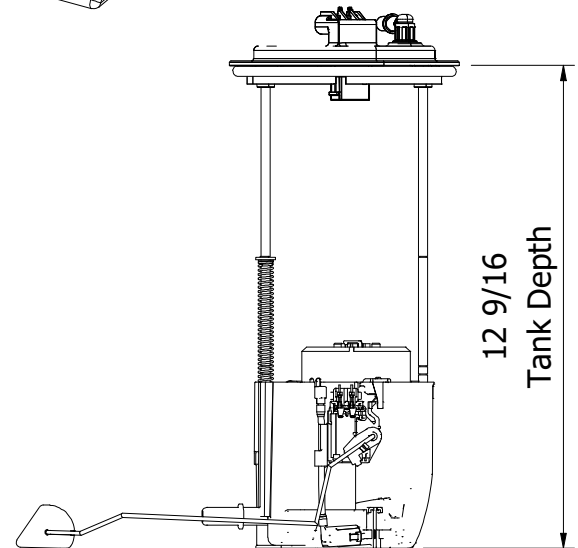
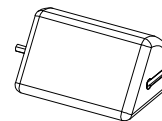
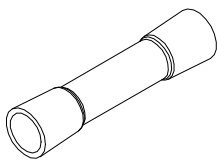
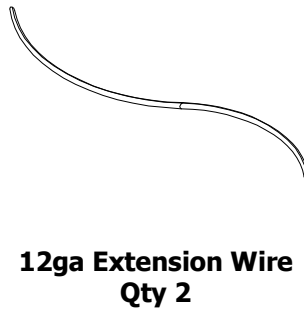
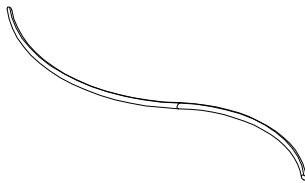
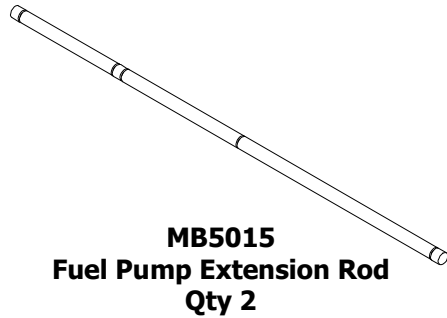
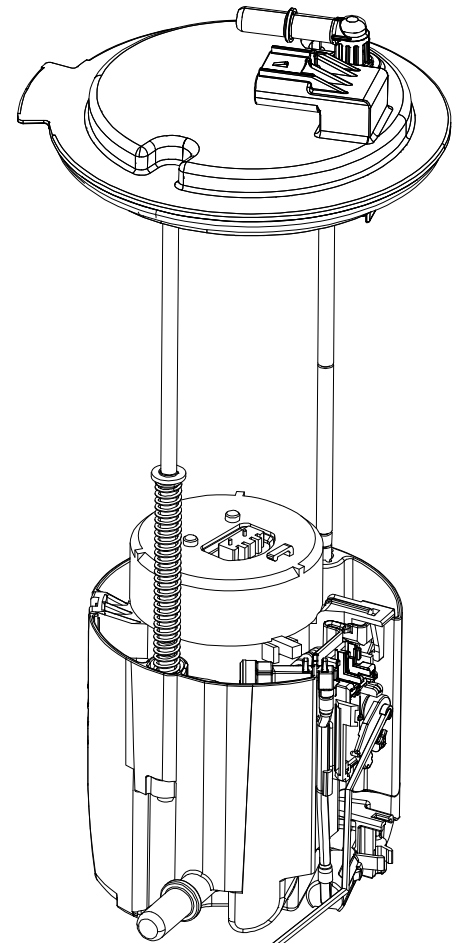
Pro Tip: Use **STEEL-IT** paint on cut and modified areas. It can be welded through and is easy to touch up afterward.

Note: Motobilt, Inc. products are intended for **OFF-ROAD USE ONLY**. See full legal disclaimer at the end of these instructions.

MB5099

MODIFYING FUEL SENDING UNIT

THE FACTORY FUEL SENDING UNIT IS TOO SHALLOW TO FUNCTION WITH THE MB5099 TANK. THIS KIT INCLUDES EXTENSION RODS AND WIRING TO EXTEND THE FACTORY FUEL PUMP.

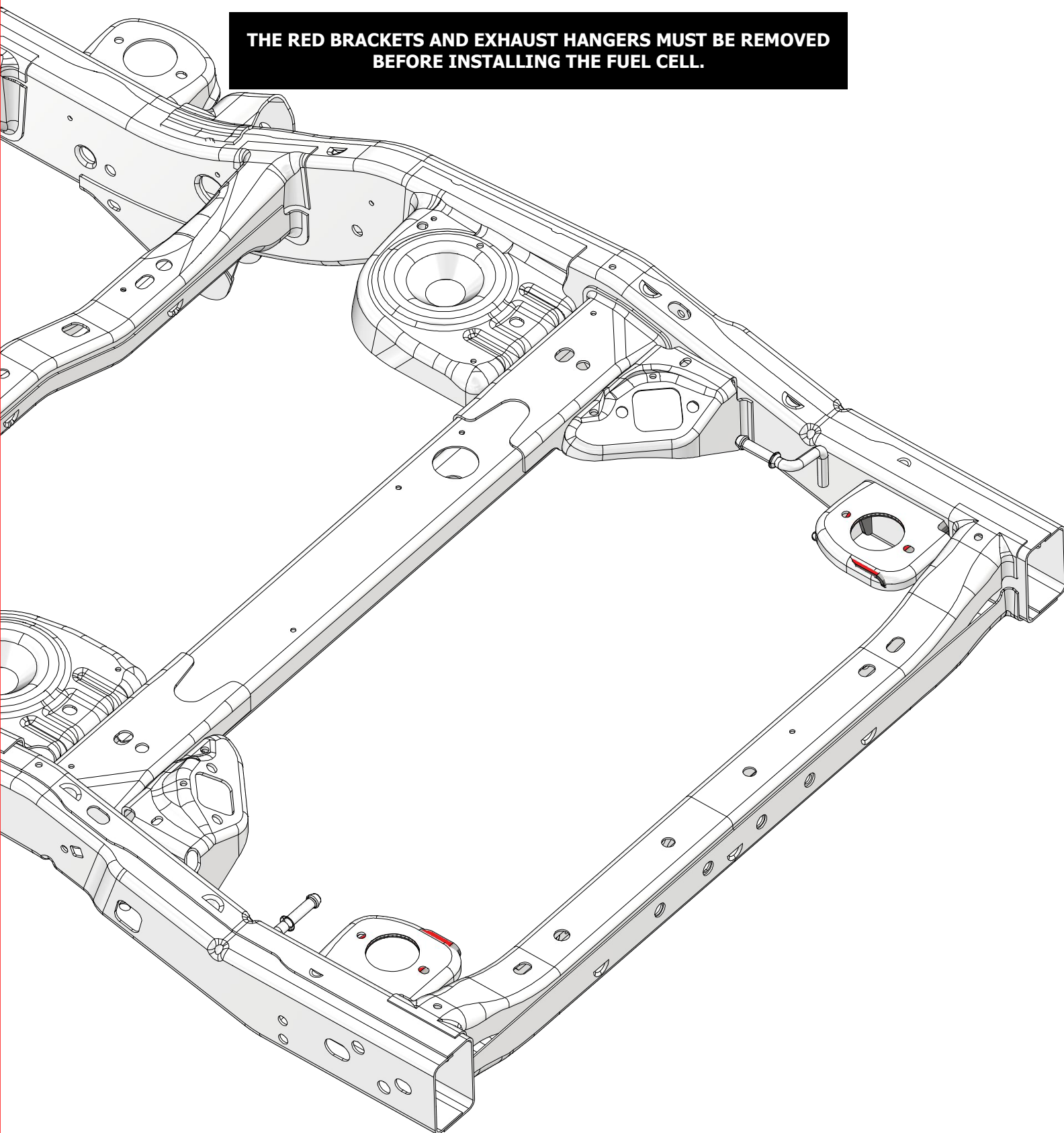


MB5099
Required Height

See MB5015 Assembly Instructions For Complete Disassembly And Re-Assembly Instructions

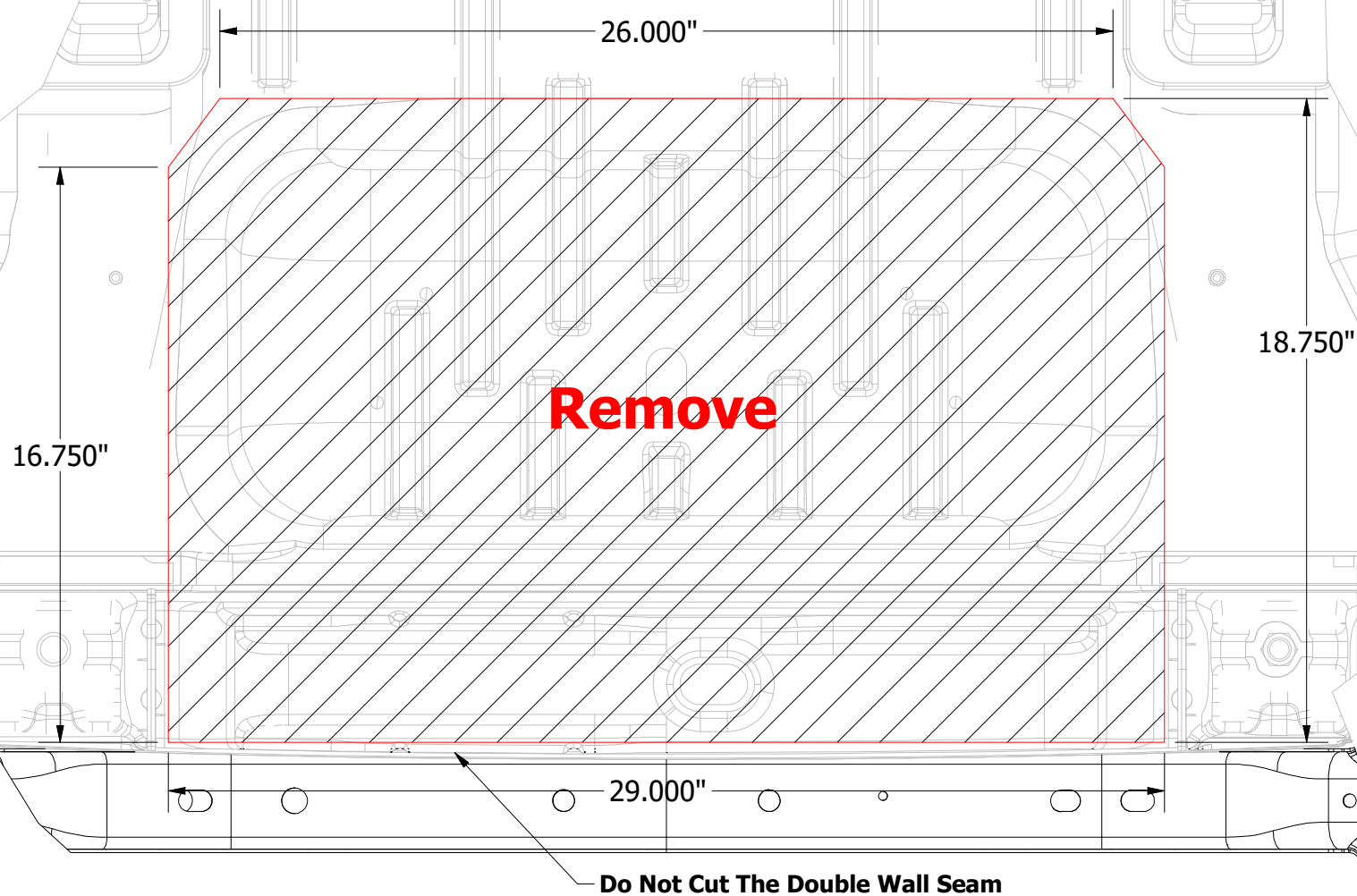
MB5099

**THE RED BRACKETS AND EXHAUST HANGERS MUST BE REMOVED
BEFORE INSTALLING THE FUEL CELL.**



MB5099

CUT OUT THE SECTIONS SHOWN BELOW

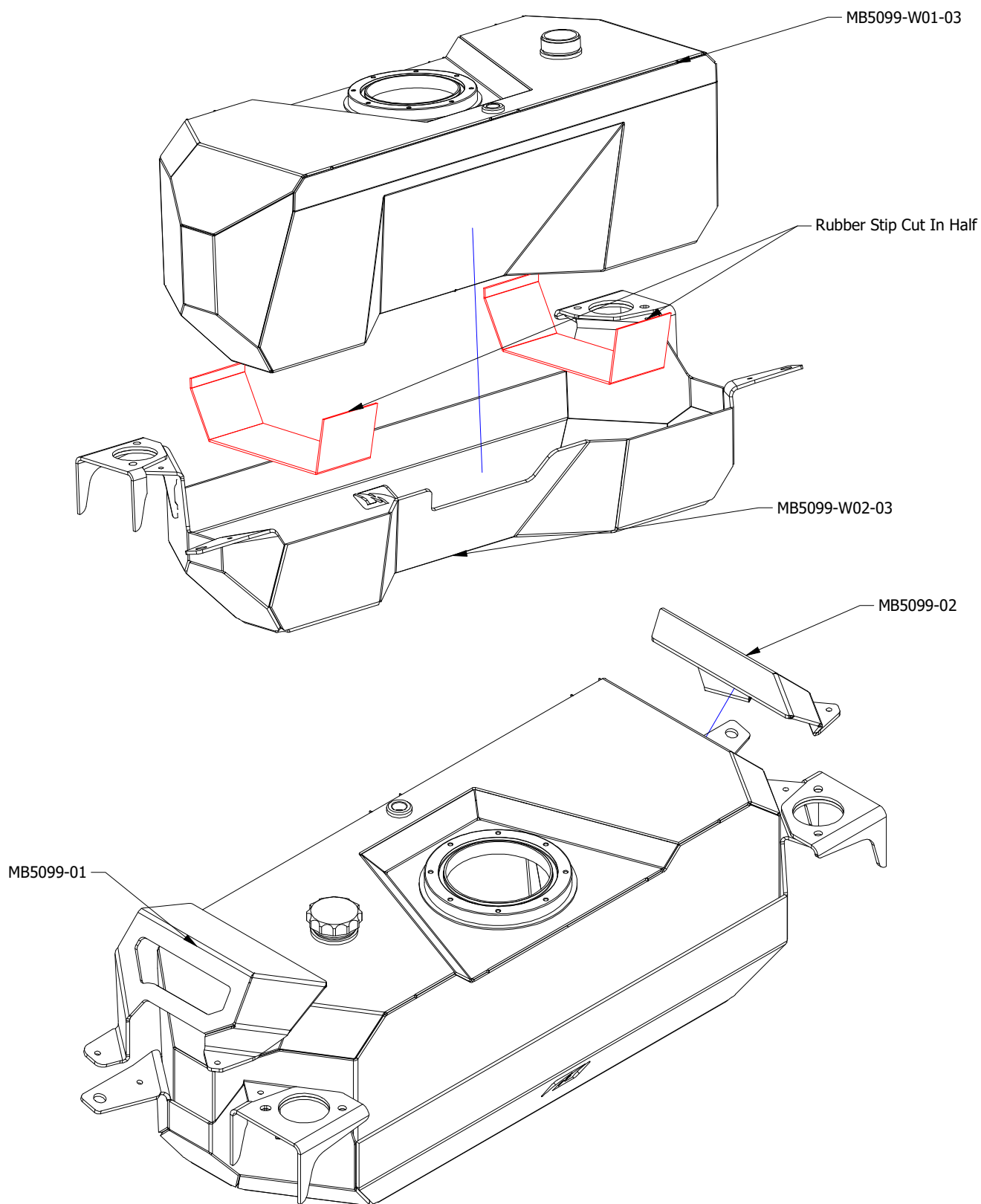


.750"

Remove

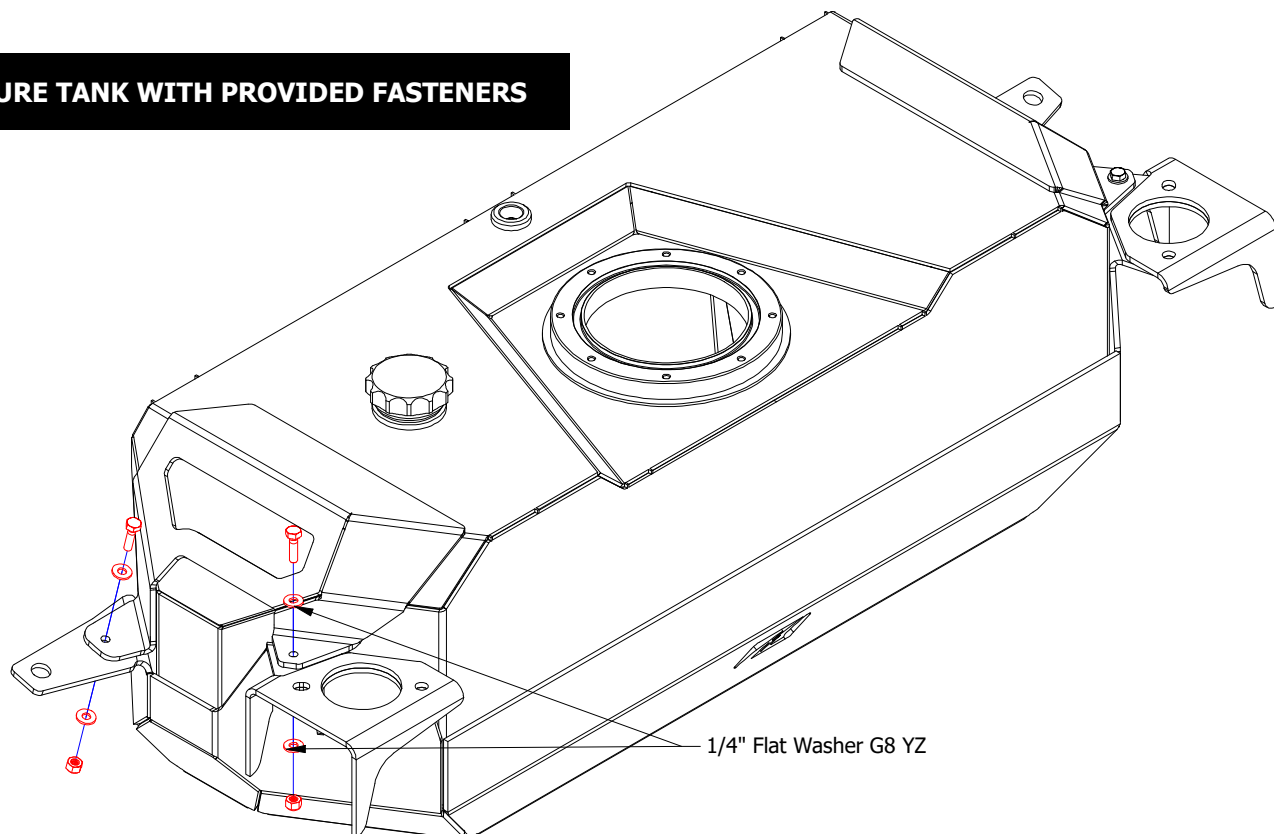
29.000"

MB5099

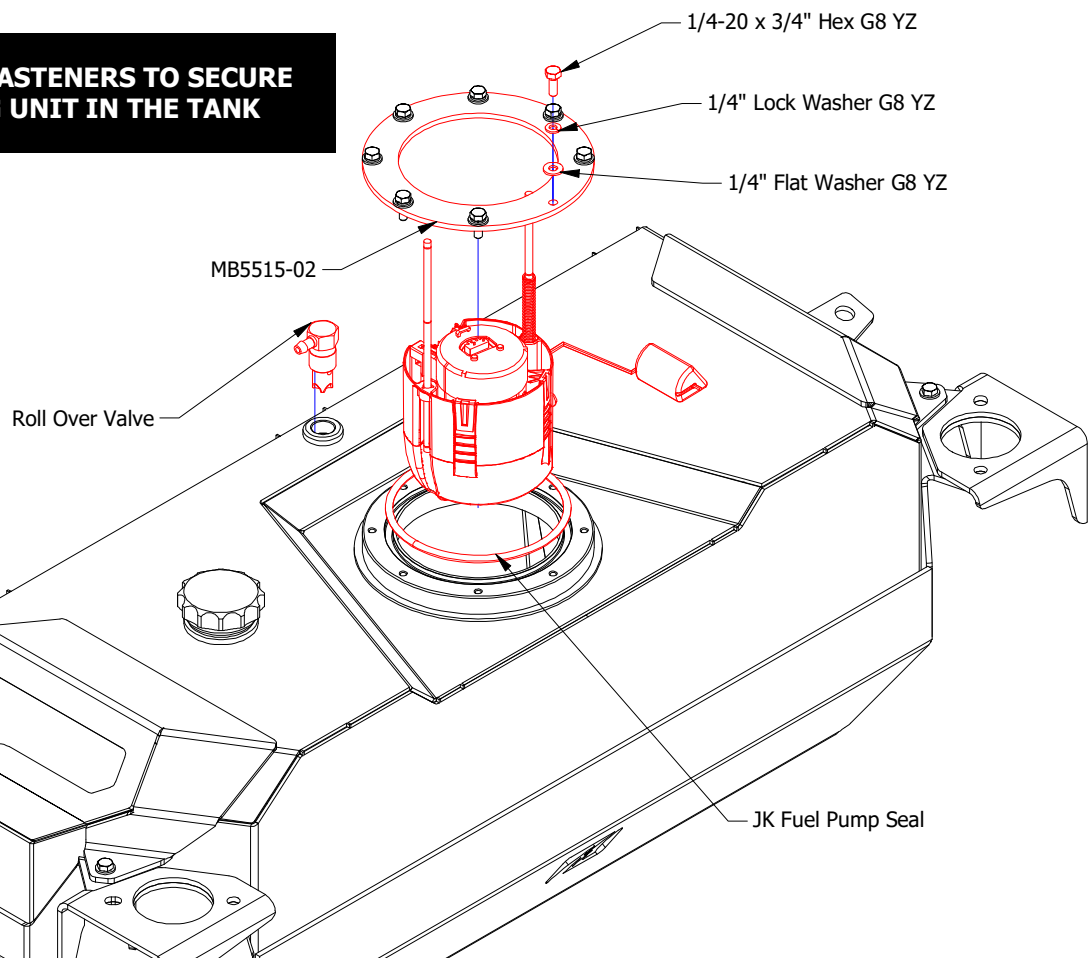


MB5099

SECURE TANK WITH PROVIDED FASTENERS

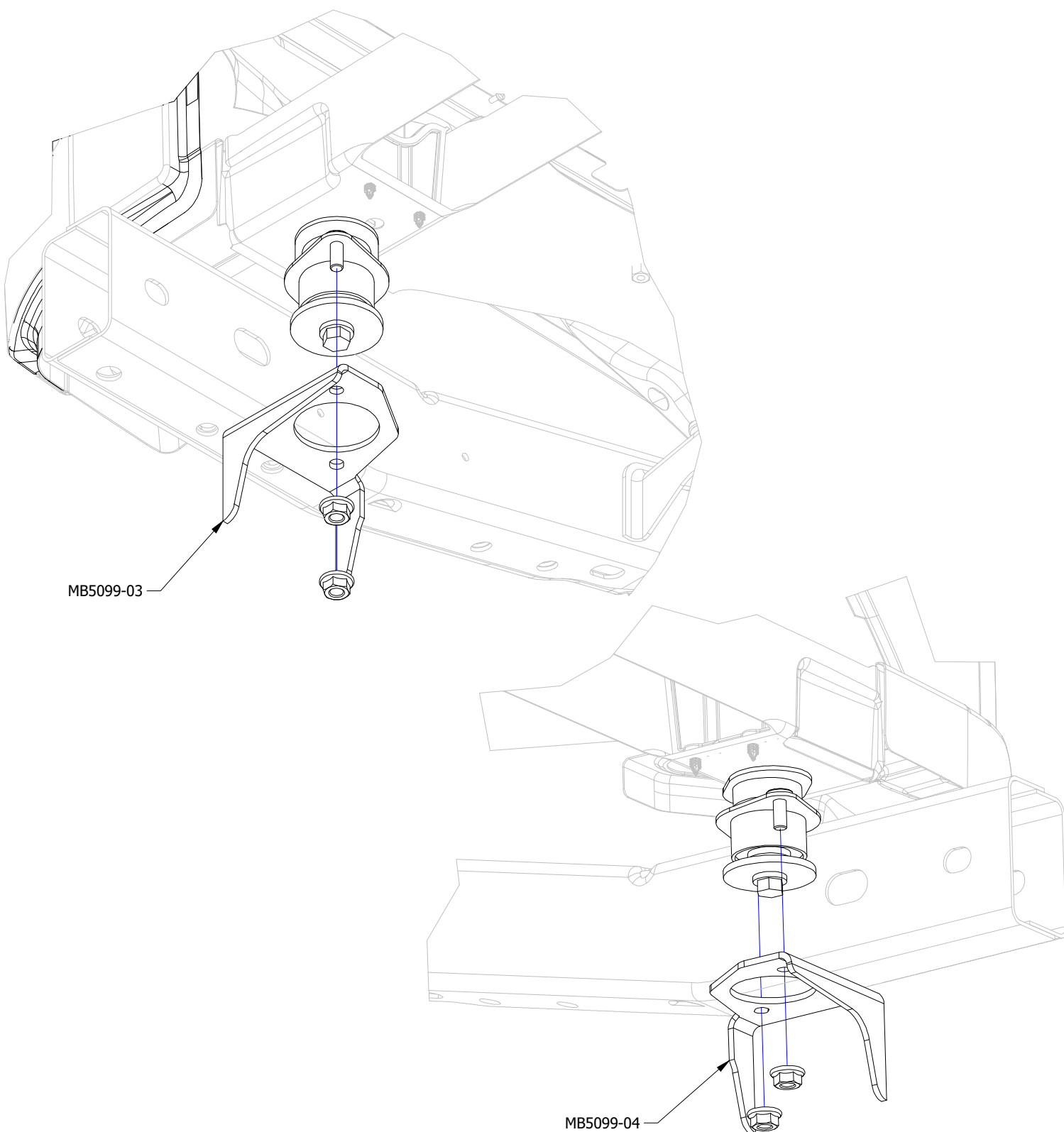


USE THE PROVIDED FASTENERS TO SECURE THE FUEL SENDING UNIT IN THE TANK



MB5099

DO NOT INSTALL BRACKET -03 AND -04 IF YOU HAVE A TOMAHAWK REAR BUMPER FOR JK (MB1260)



MB5099

WELD THE NEW FRAME SIDE BODY MOUNT BRACKET TO THE FRAME ENSURE THEY ARE SNUG TO THE BODY MOUNT (REFERENCE THE DIMENSION BELOW FOR TOP OF MOUNT TO TOP OF FRAME MEASUREMENT)

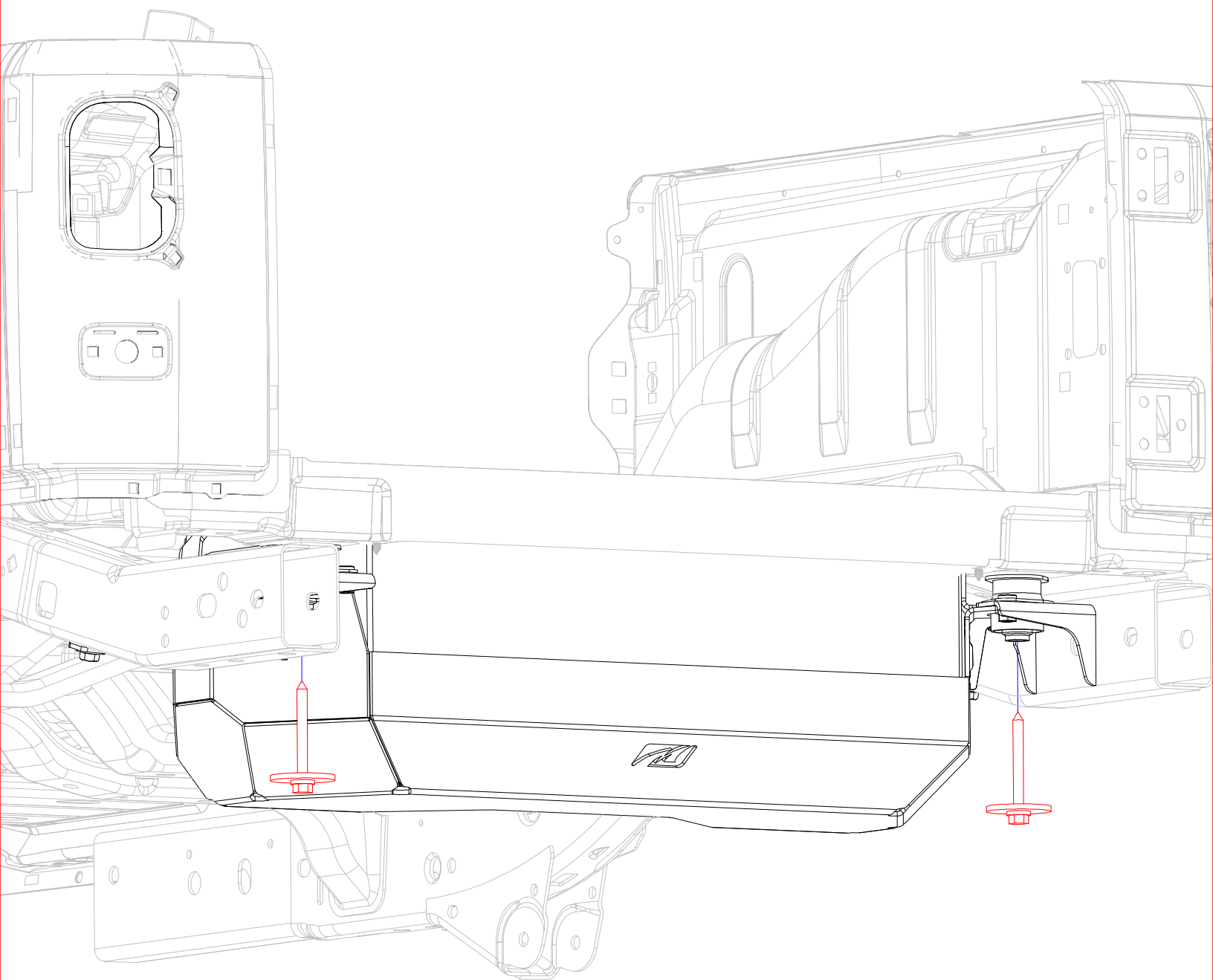
.750"

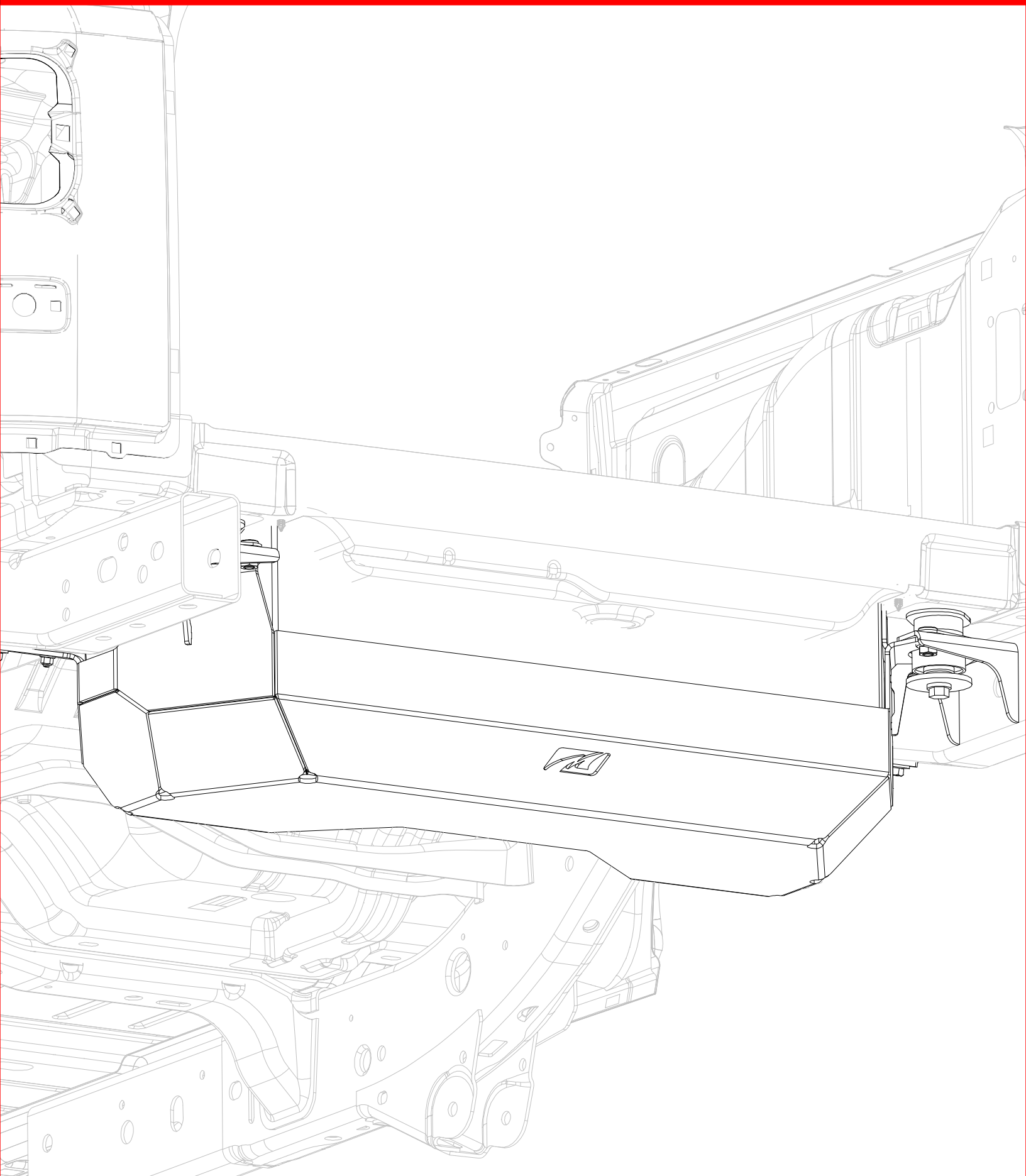
MB5099

LIFT UP THE FUEL CELL WITH SKID AND FUEL PUMP ATTACHED AND SECURE THE SKID TO THE FRAME AND BODY MOUNTS WITH THE FACTORY FASTENERS.

Factory Body Mount Bolts

Factory Sway Bar Bolt

MB5099

MB5099

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