

**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****NOTE:**

**MB3027 – Transmission Cross Member 07-11 JKU/JK**

**MB3023 – Transmission Cross Member 12-18 JKU/JK**

**MB3031 – JKU Belly Skid**

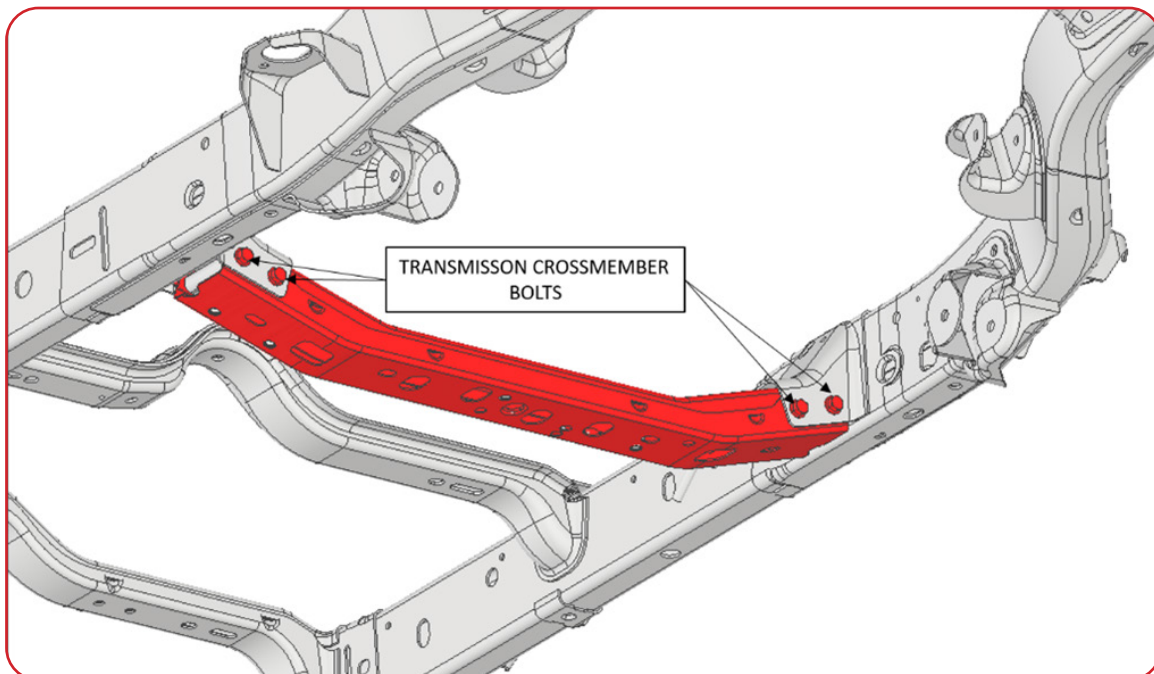
**MB3028 – JKU Rear Cross Member**

**MB3030 – JKU Rear 4 Link**

**MB3029 – JKU Front 4 Link**

**A****Transmission cross member installation**

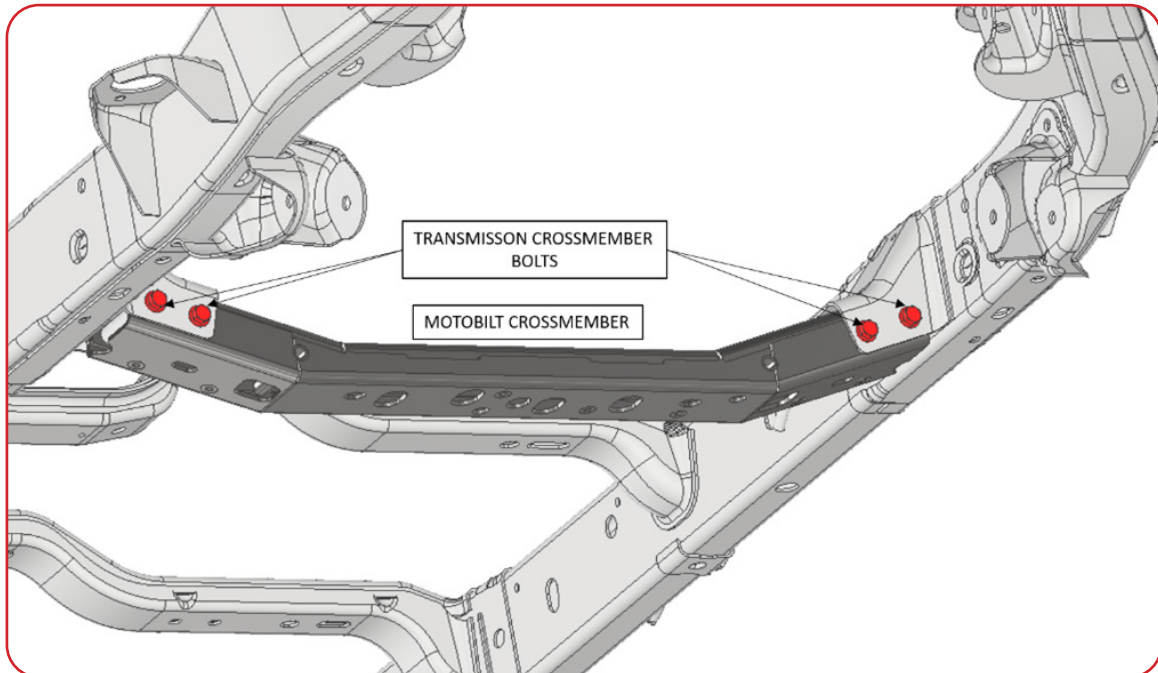
1. Unbolt the gas tank skid, transfer case skid, and any aftermarket skid plates from the transmission crossmember.
2. Unbolt the transmission and transfer case from the stock crossmember.
3. Support the transmission and transfer case to take the weight off the stock crossmember
4. Remove stock transmission cross member from the frame by removing the four bolts on each side.



**IF INSTALLING THE FRONT FOUR LINK KIT MOVE ON TO SECTION B**

**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****A****Transmission cross member installation**

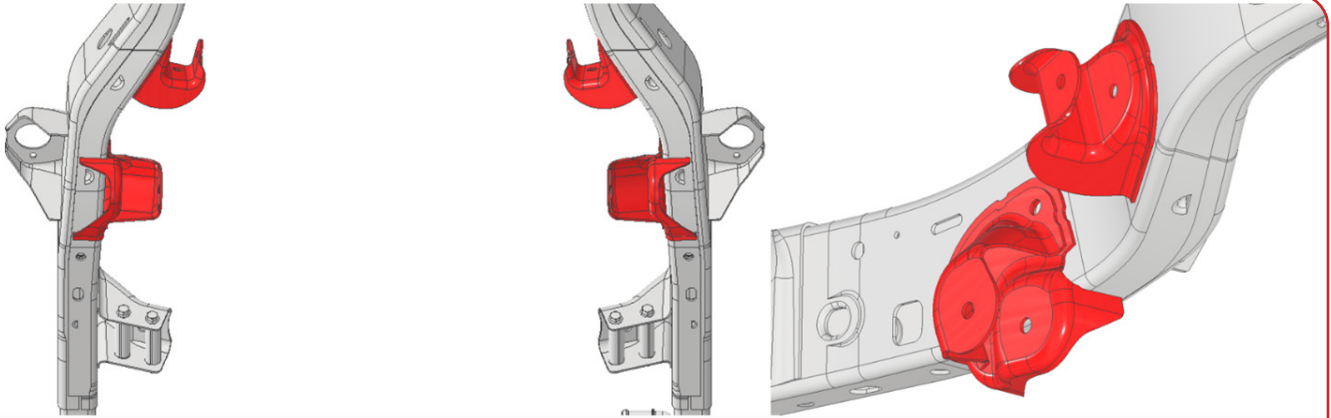
5. Install the new Motobilt transmission crossmember, MB3027 for years 2007-2011 or MB3023 for years 2012-2018, using the four factory bolts.
6. Remove the support from the transmission allowing the weight to be supported by the new cross member and reinstall the hardware bolting the transmission and transfer case to the new crossmember.



**IF INSTALLING THE MB3031 BELLY SKID, CONTINUE TO SECTION C.**

**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****B****MB3029 Front Four Link**

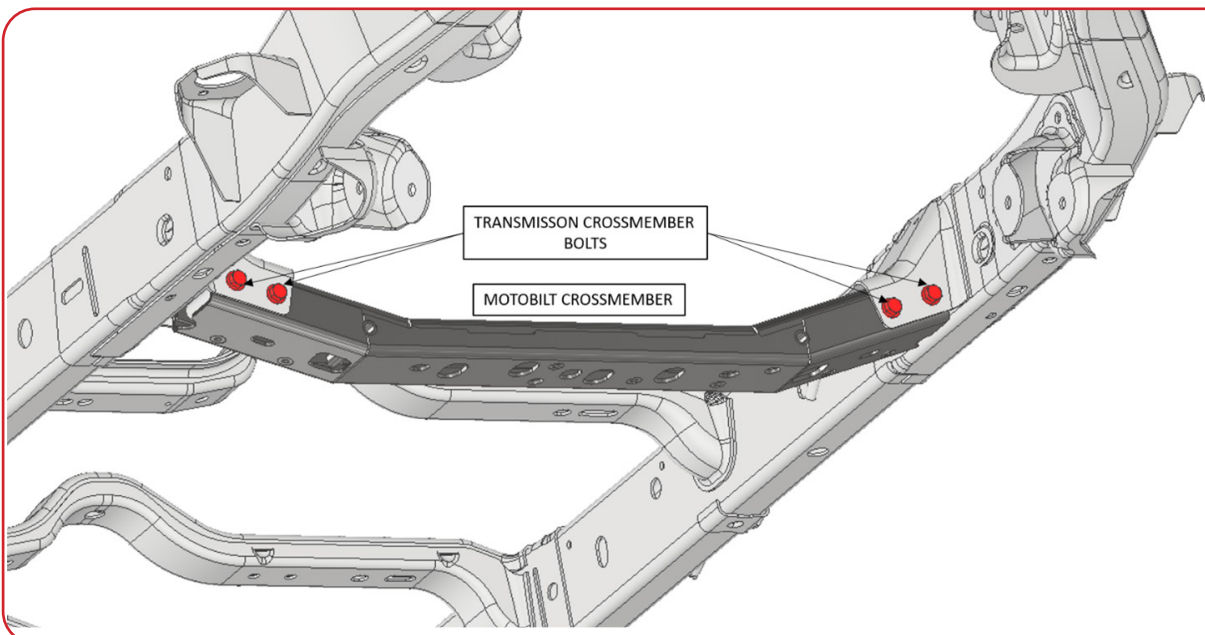
1. Cut the factory control arm mounts off the frame and grind the frame smooth.

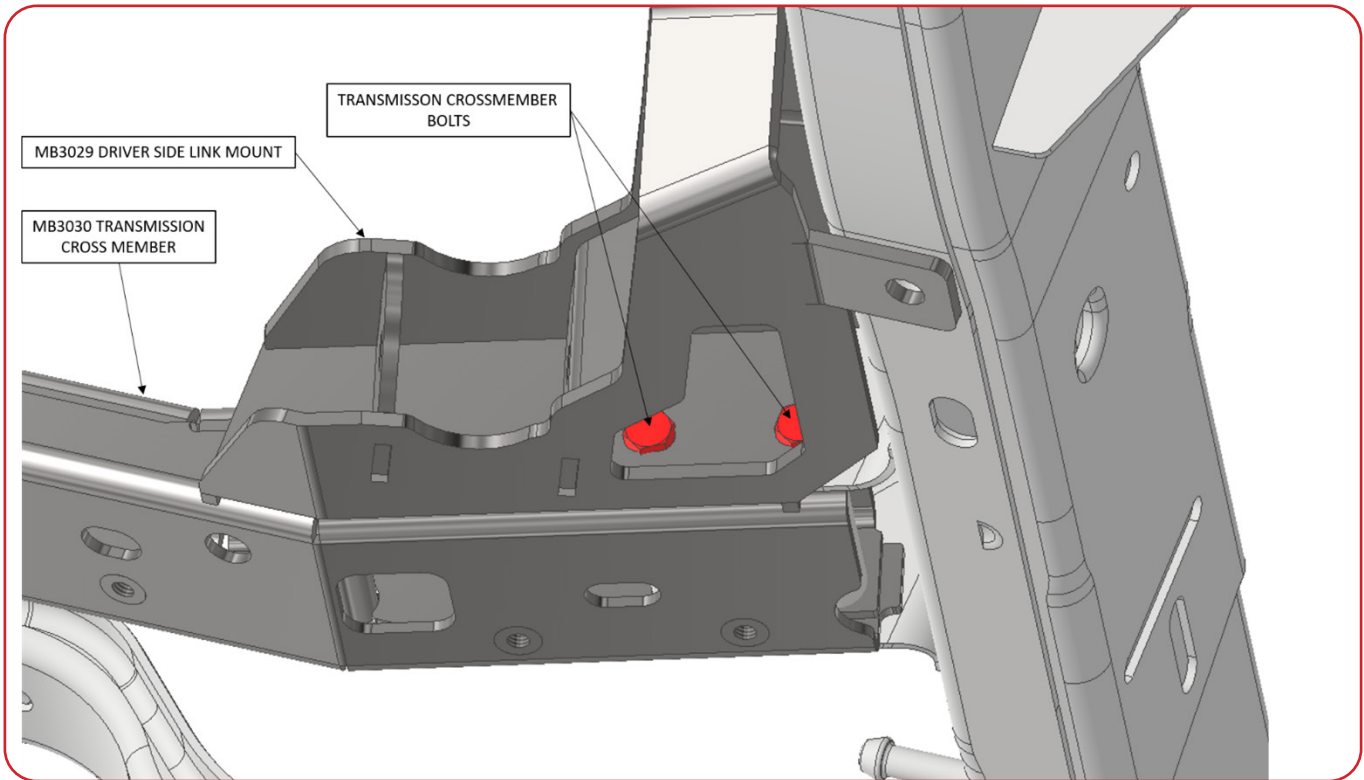


REMOVE THE FACTORY CONTROL ARM MOUNTS  
HIGHLIGHTED IN RED AND GRIND FRAME SMOOTH

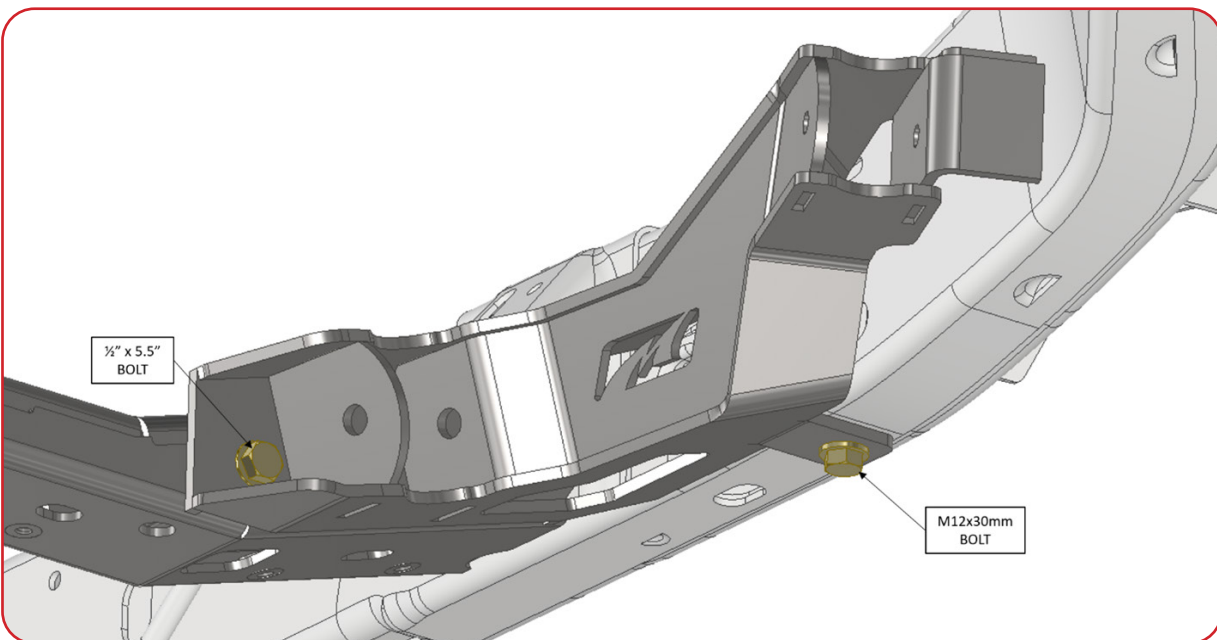
**B****MB3029 Front Four Link**

2. Install the new Motobilt transmission crossmember and MB3029 driver side link mount with the two factory crossmember bolts.



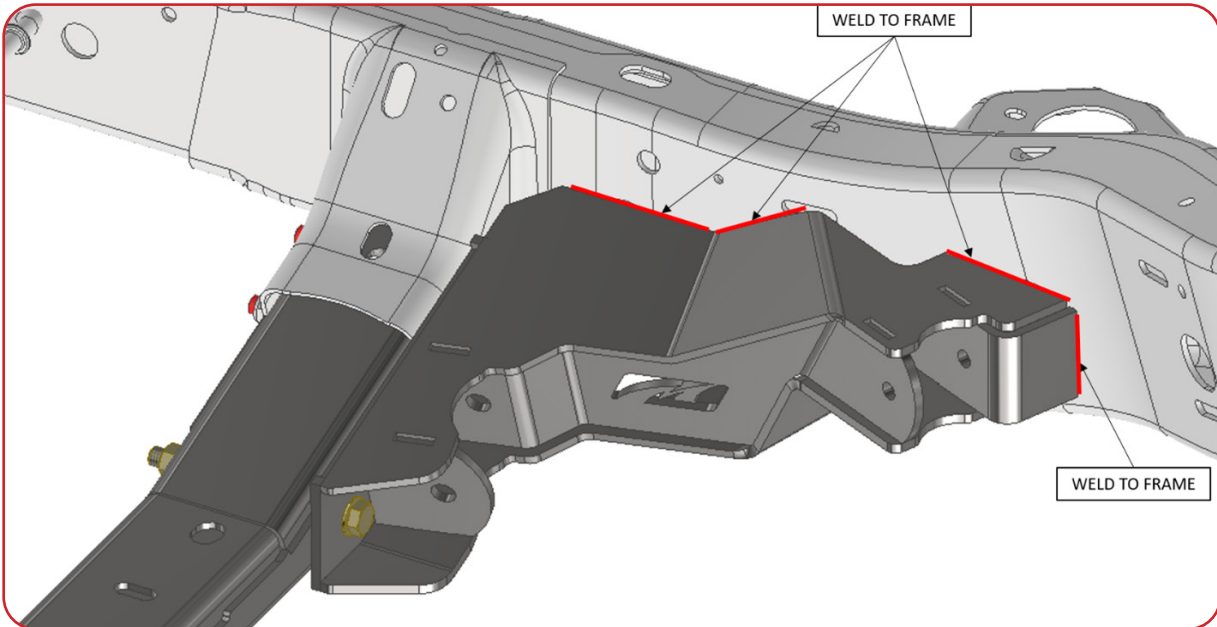
**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****B****MB3029 Front Four Link**

3. Install the M12 bolt and washer into the frame and the 1/2" bolt and washer through the crossmember.



**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****B****MB3029 Front Four Link**

4. Weld the MB3029 link mount to the frame in the marked locations

**B****MB3029 Front Four Link**

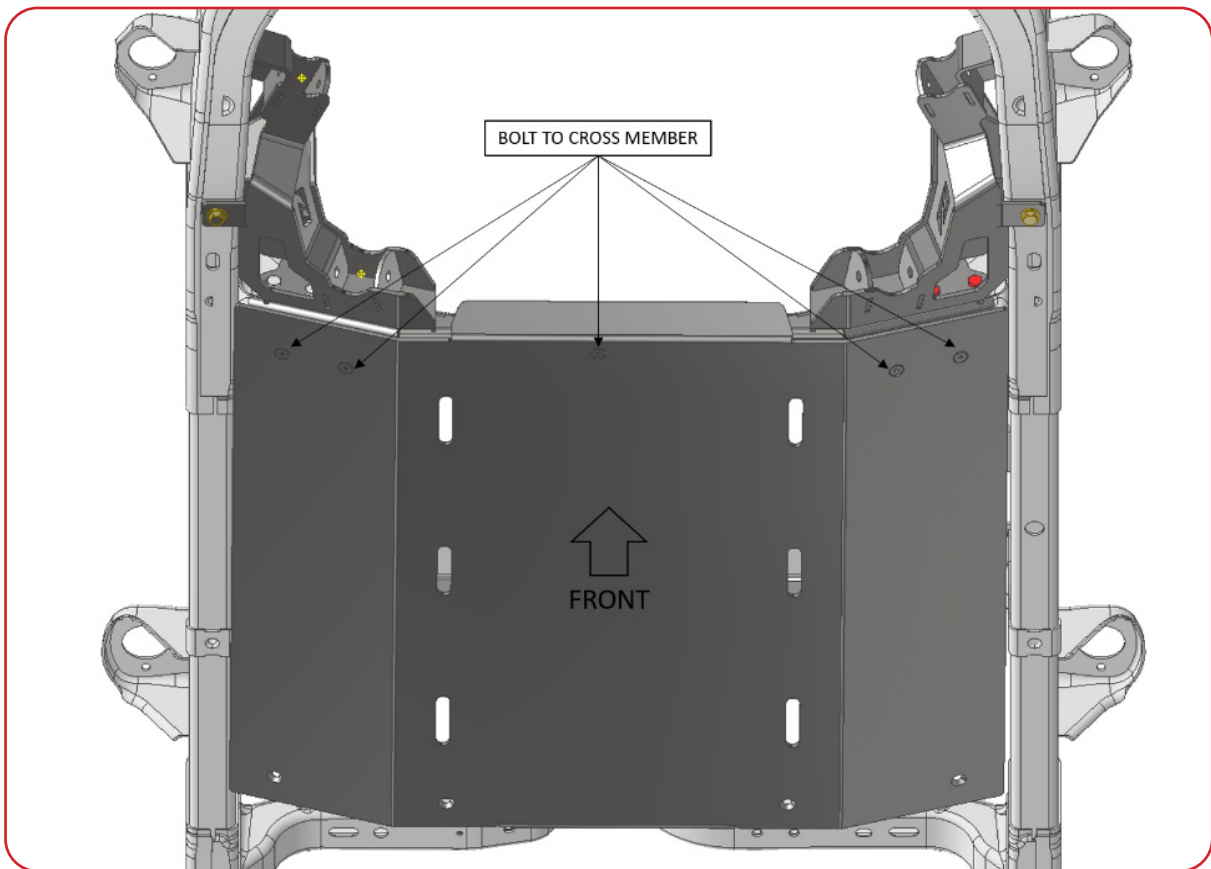
5. Repeat on passenger side.



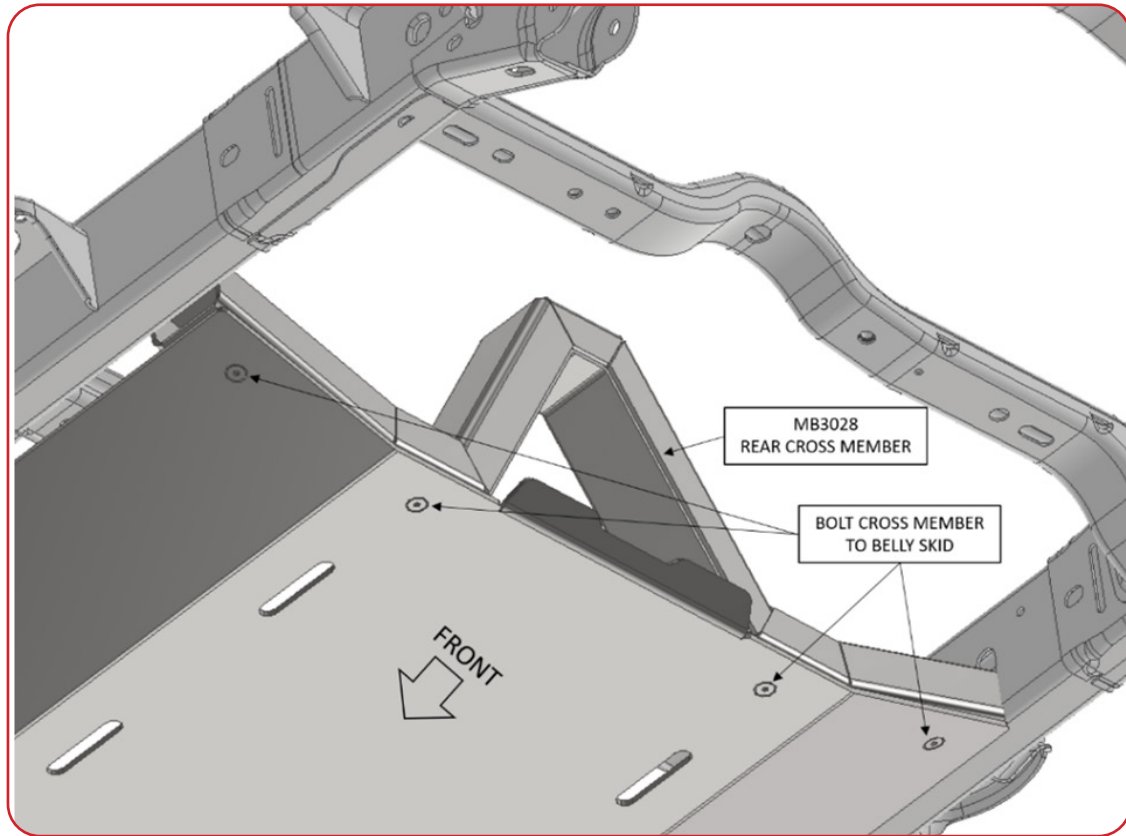
**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****C****MB3031 Belly Skid and MB3028 Cross Member**

*Tack and test fit all parts before finish welding*

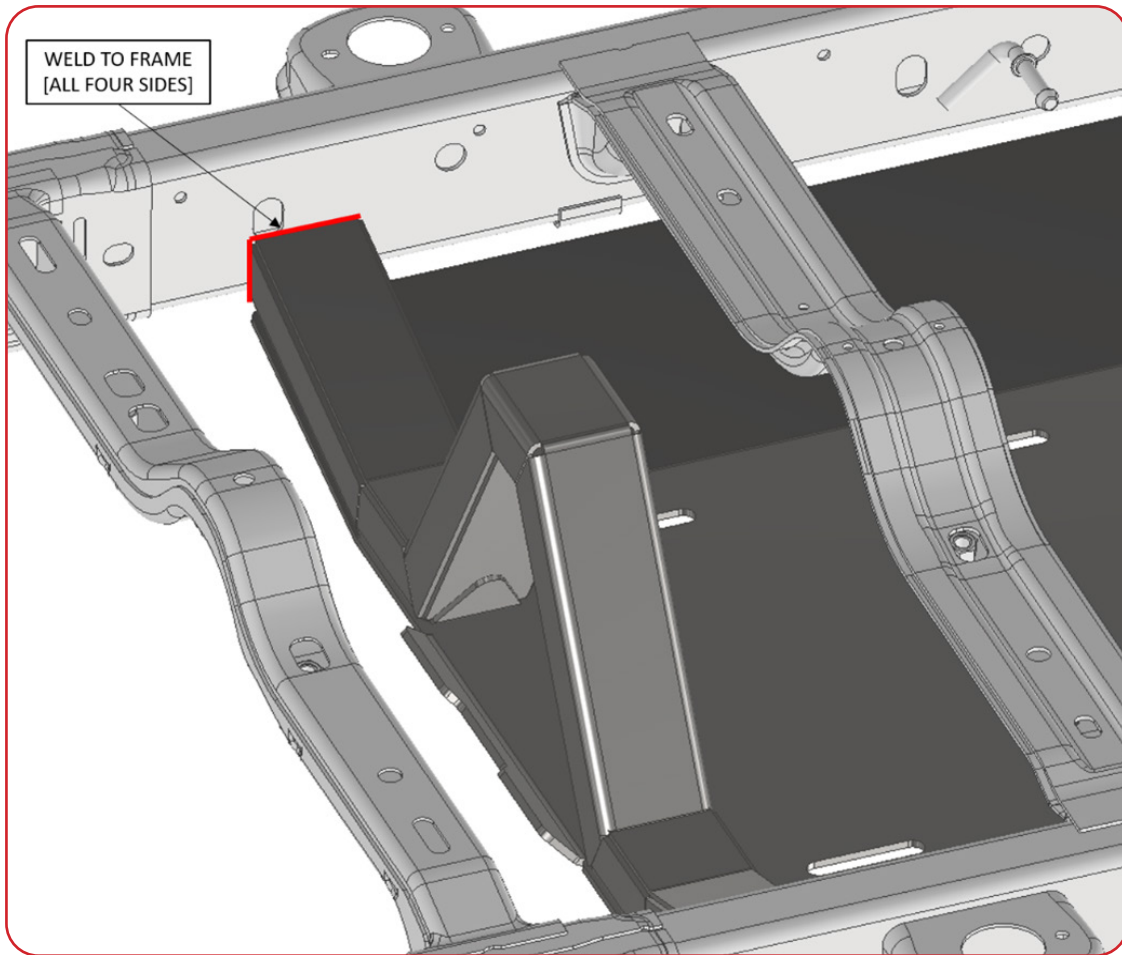
1. **The stock gas tank and exhaust system will need to be removed.** A fuel cell will need to be added or you can use the MB5013 Aluminum fuel cell and skid with the MB3025 back half kit.
2. Bolt the MB3031 belly skid plate to the MB3027 / MB3023 Transmission cross member using the supplied counter sunk bolts (5).

**C****MB3031 Belly Skid and MB3028 Cross Member**

3. Bolt the MB3028 rear cross member to the MB3031 belly skid plate to locate it.

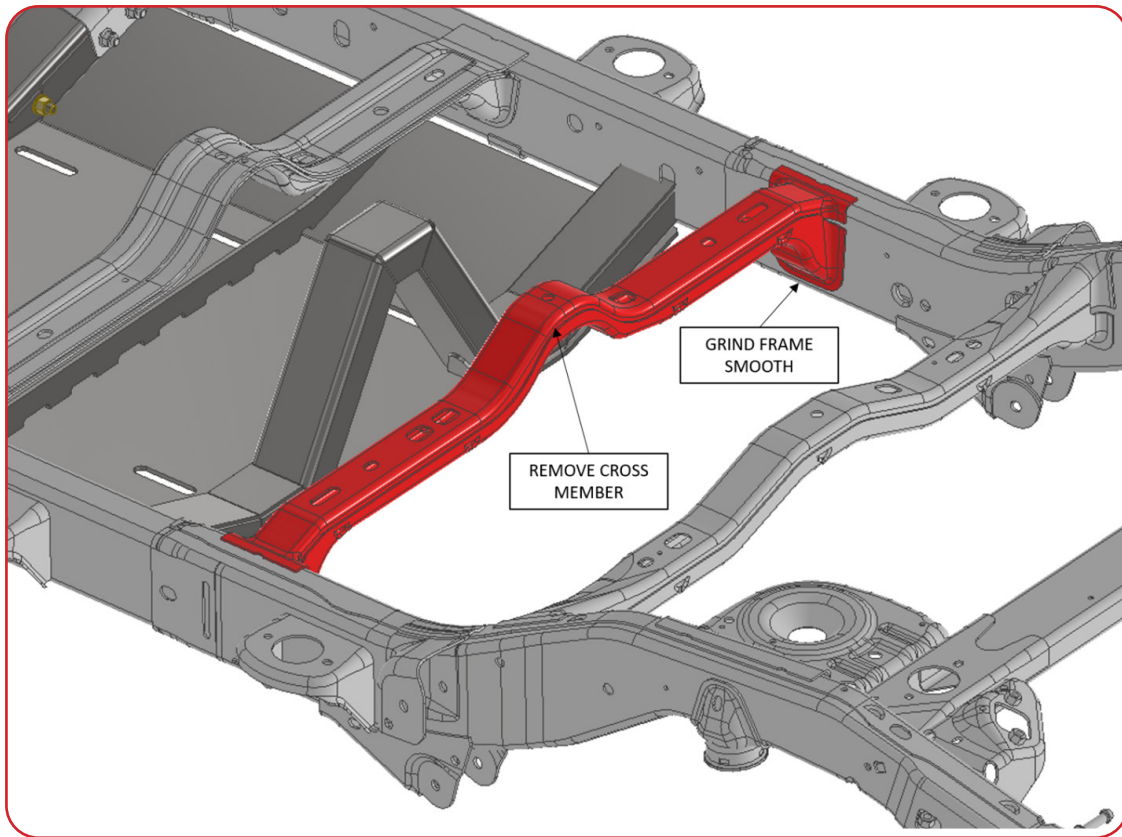
**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****C****MB3031 Belly Skid and MB3028 Cross Member**

4. With the MB3028 rear cross member bolted in place, tack weld the cross member to the frame. Remove the MB3031 belly skid to gain access to the bottom of the cross member. weld both ends to the frame with a full perimeter weld. If using the MB3030 rear 4-Link kit, move onto section D and test fit it to the cross member at this point before finish welding and confirm fitment. Once placement is confirmed, fully weld the ends of the cross member to the frame with a full perimeter weld.

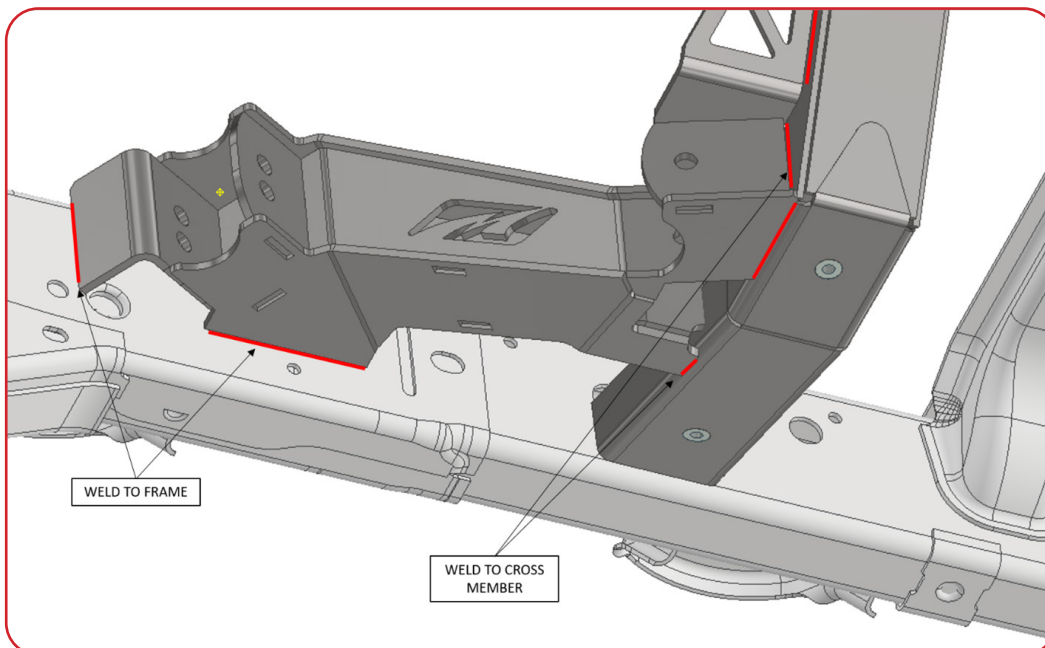
**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****D****MB3030 Rear 4-Link Bracket Kit**

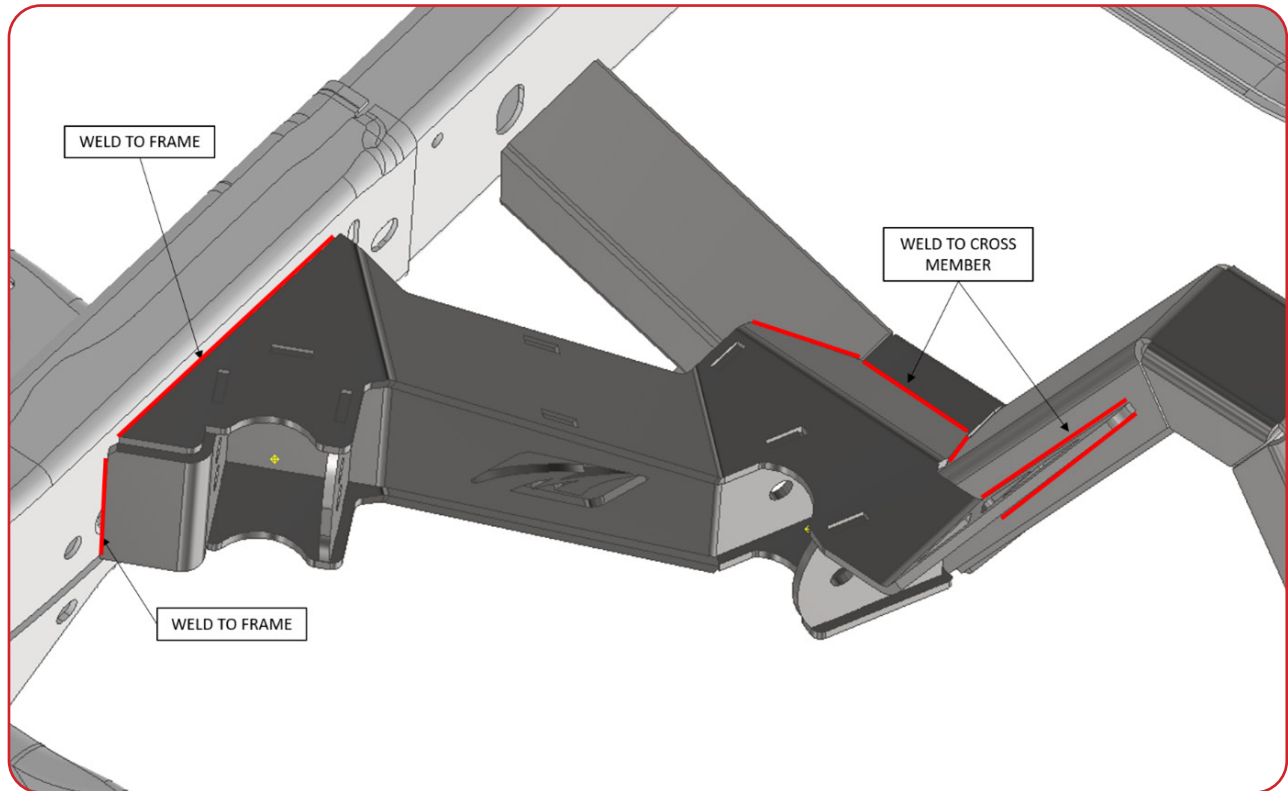
1. Remove the cross member shown in red and grind the frame smooth (see next page).



**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****D****MB3030 Rear 4-Link Bracket Kit**

2. Test fit the assembled link mount to the frame and weld to the frame and cross member.



**JEEP JKU 4 LINK SUSPENSION BRACKET & SKID KIT INSTALLATION****D****MB3030 Rear 4-Link Bracket Kit**

3. Repeat on other side of vehicle
4. Re-install MB3031 Belly Skid