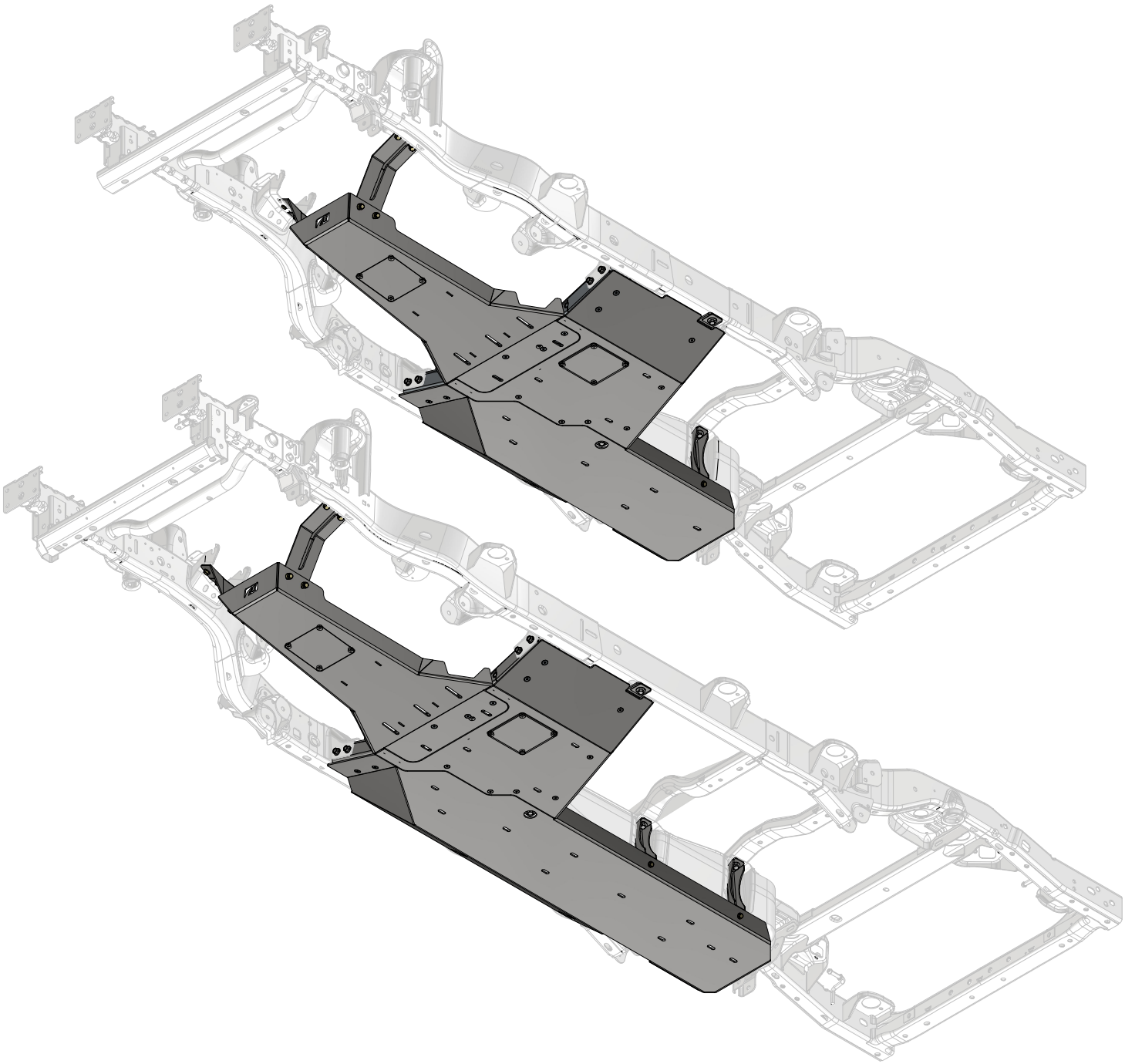
MB1247 - Assembly Skid System for JK / JKU

# SKID PLATE SYSTEM FOR JK / JKU

Compatibility 2007-2011 JK / Compatibility 2007-2011 JKU
Compatibility 2012-2018 JK / Compatibility 2012-2018 JKU

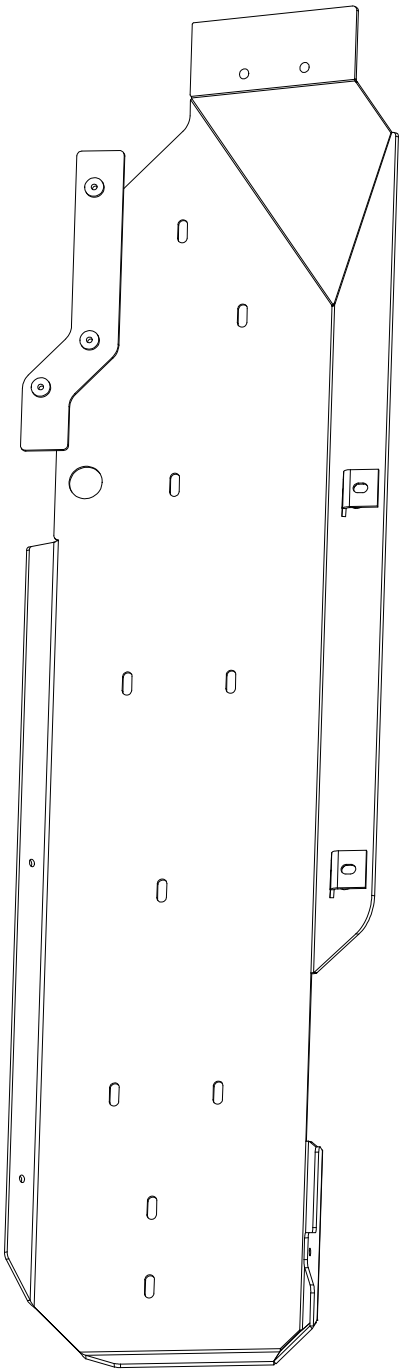


# ASSEMBLY INSTRUCTIONS

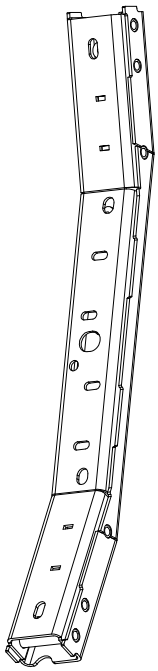
# MB1247 - Assembly Skid System for JK / JKU

## 2007-2011 3.8L ENGINE 4 DOOR JKU SKIDS

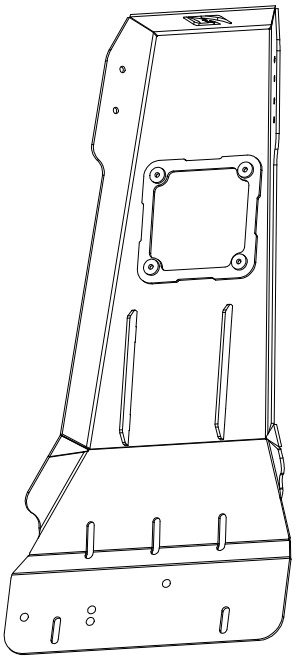
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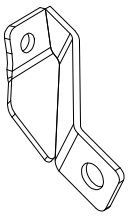
**MB1247**
**GAS TANK SKID**
**4 DOOR**
**QTY 1**



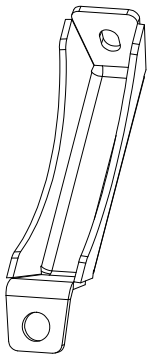
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**TRANSMISSION**
**CROSS MEMBER**
**QTY 1**



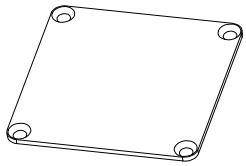
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**3.8 Engine Skid Weldment**
**Qty 1**



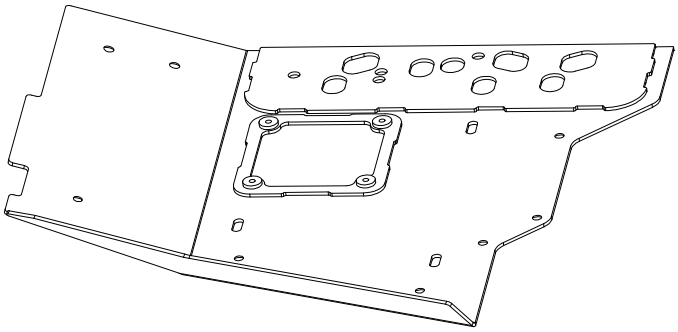
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**QTY 1**



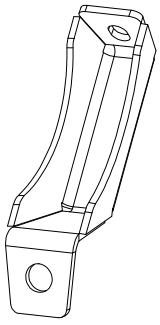
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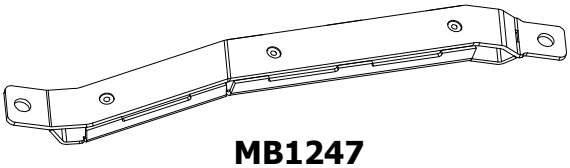
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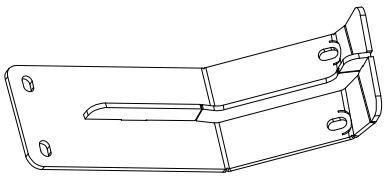
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**TRANSMISSION SKID WELDMENT**
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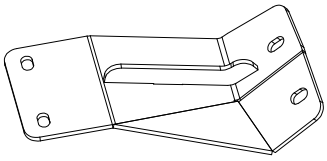
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**HANGER 03**
**QTY 1**



**MB1247**
**BEAM WELDMENT**
**QTY 1**



**MB1247**
**HANGER 04**
**QTY 1**

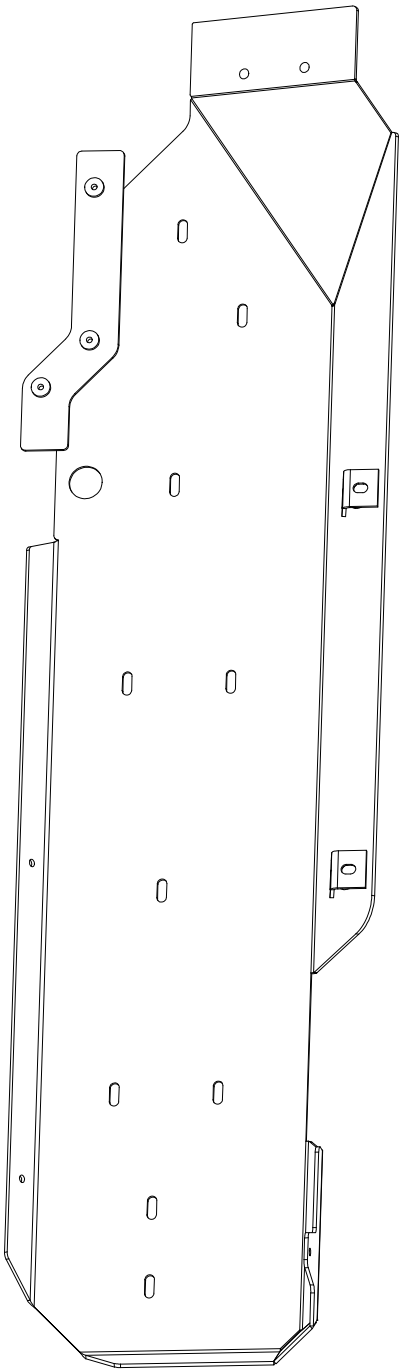


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**HANGER 05**
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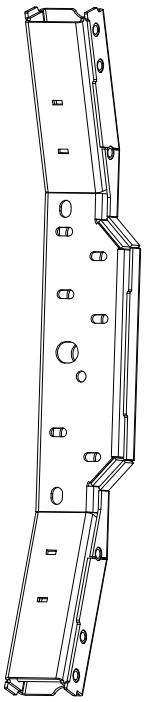
# MB1247 - Assembly Skid System for JK / JKU

## 2012-2018 3.6L ENGINE 4 DOOR JKU SKIDS

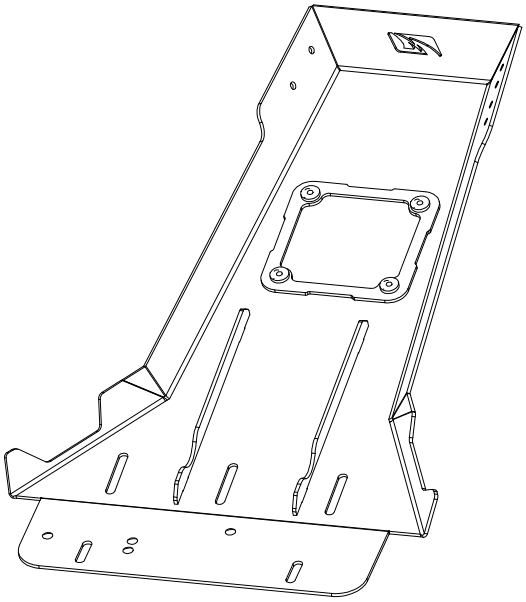
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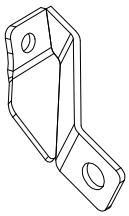
**MB1247**
**GAS TANK SKID**
**4 DOOR**
**QTY 1**



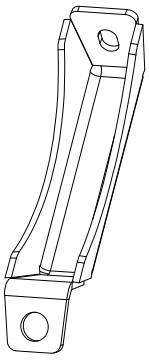
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**TRANSMISSION**
**CROSS MEMBER**
**QTY 1**



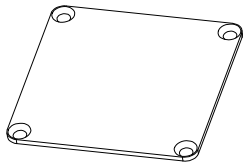
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**ENGINE SKID WELDMENT**
**QTY 1**



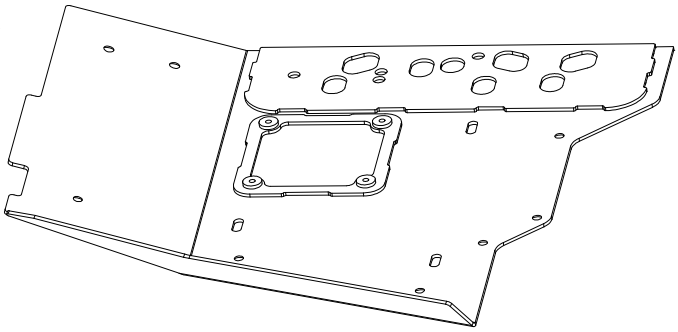
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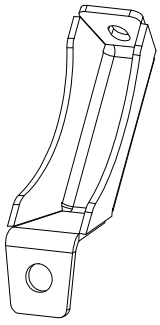
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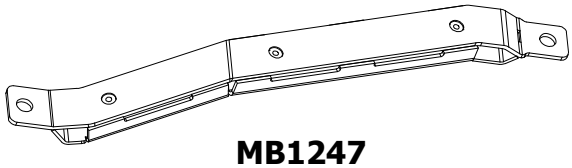
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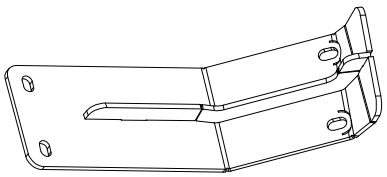
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**TRANSMISSION SKID WELDMENT**
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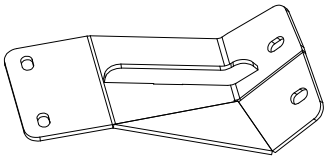
**MB1247**
**HANGER 03**
**QTY 1**



**MB1247**
**BEAM WELDMENT**
**QTY 1**



**MB1247**
**HANGER 04**
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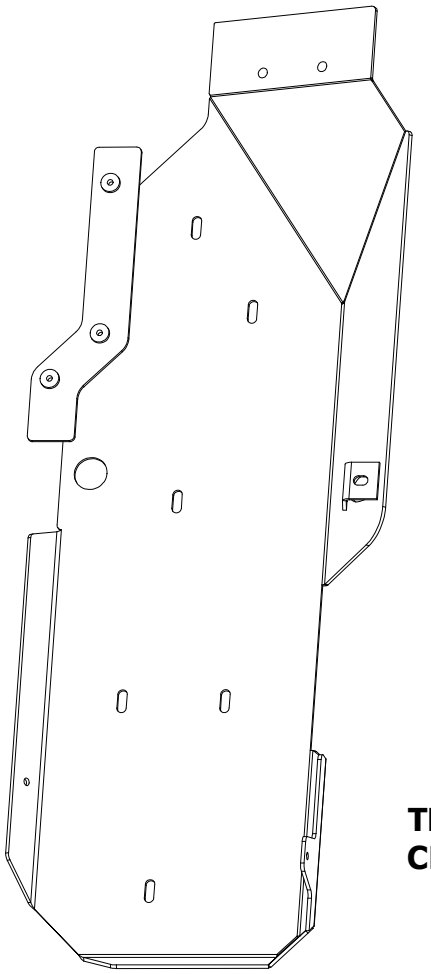


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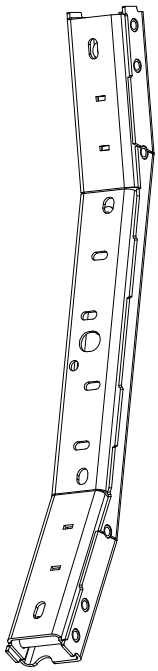
# MB1247 - Assembly Skid System for JK / JKU

## 2007-2011 3.8L ENGINE 2 DOOR JK SKIDS

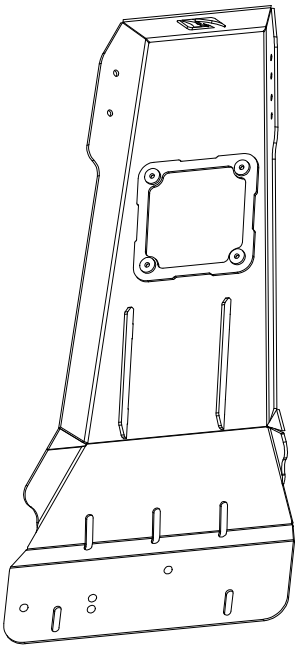
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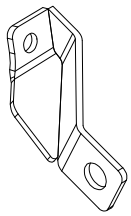
**MB1247**
**GAS TANK SKID**
**2 DOOR**
**QTY 1**



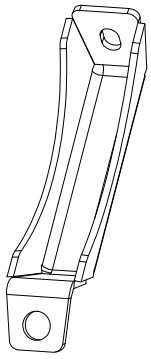
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**TRANSMISSION**
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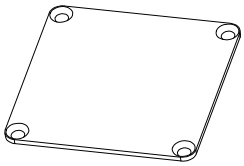
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**3.8 Engine Skid Weldment**
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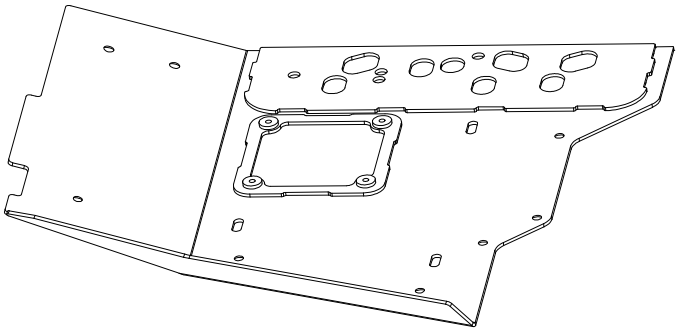
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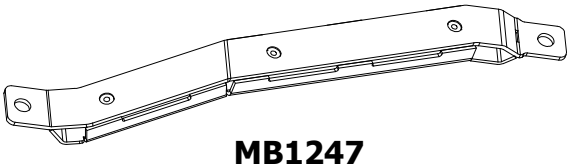
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**HANGER 02**
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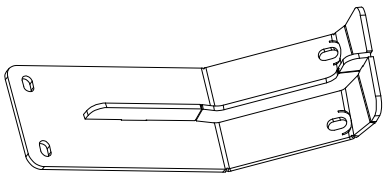
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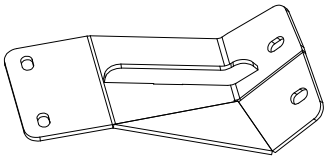
**MB1247**
**TRANSMISSION SKID WELDMENT**
**QTY 1**



**MB1247**
**BEAM WELDMENT**
**QTY 1**



**MB1247**
**HANGER 04**
**QTY 1**

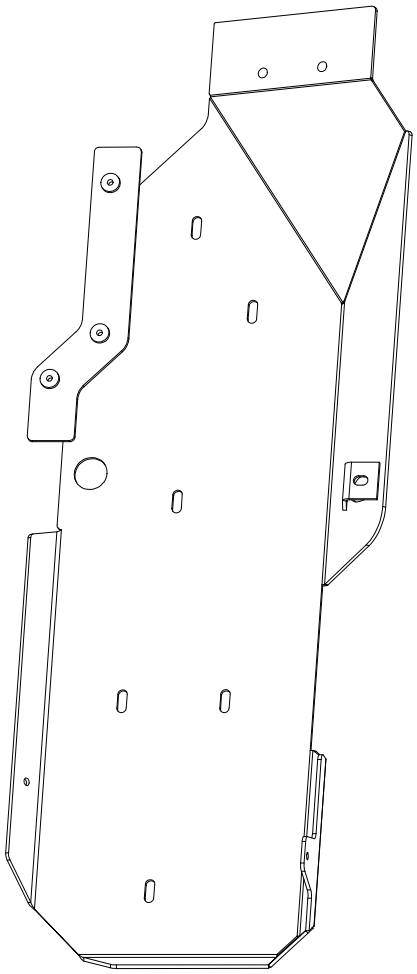


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**HANGER 05**
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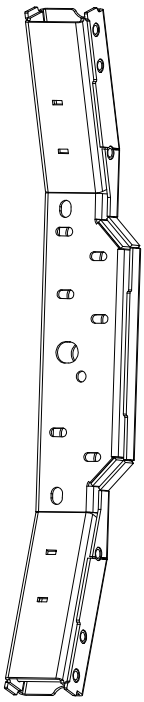
# MB1247 - Assembly Skid System for JK / JKU

## 2012-2018 3.6L ENGINE 2 DOOR JK SKIDS

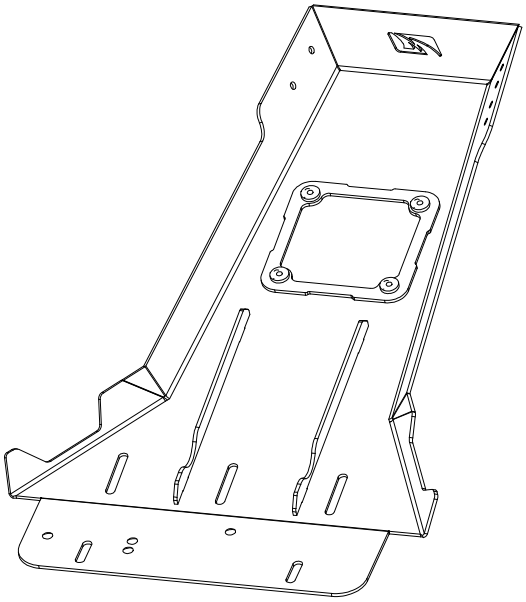
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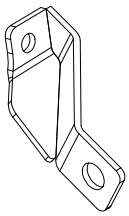
**MB1247**
**GAS TANK SKID**
**2 DOOR**
**QTY 1**



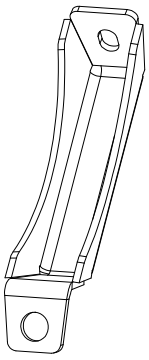
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**TRANSMISSION**
**CROSS MEMBER**
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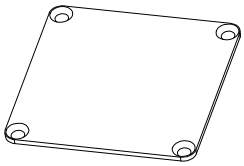
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**ENGINE SKID WELDMENT**
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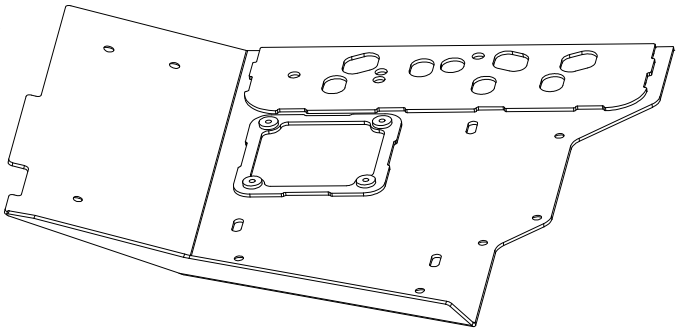
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**HANGER 01**
**QTY 1**



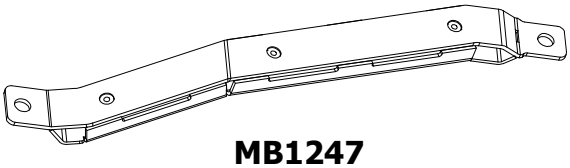
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**HANGER 02**
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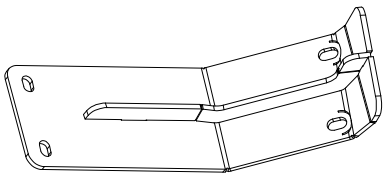
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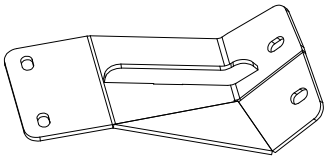
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**TRANSMISSION SKID WELDMENT**
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**MB1247**
**BEAM WELDMENT**
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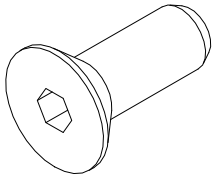
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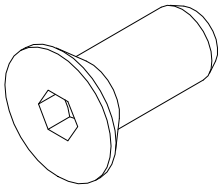
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**HANGER 05**
**QTY 1**

MB1247 - Assembly Skid System for JK / JKU

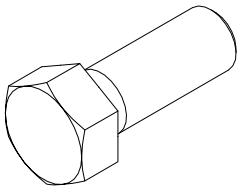
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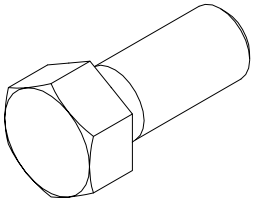
**COUNTERSUNK SCREW**
**3/8"-16 UNC x 1" LONG, SS**
**QTY 14**



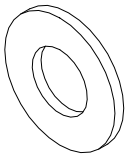
**COUNTERSUNK SCREW**
**7/16"-14 UNC x 1" LONG, SS**
**QTY 8**



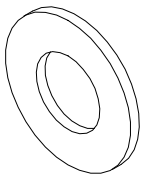
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**3/8"-16 UNC x 1" LONG**
**QTY 7**



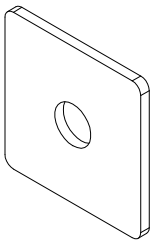
**HEX BOLT**
**7/16"-14 UNC x 1" LONG**
**QTY 4**



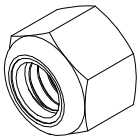
**FLAT WASHER**
**3/8"**
**QTY 14**



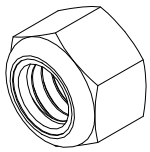
**FLAT WASHER**
**7/16"**
**QTY 8**



**SQUARE WASHER**
**2" x 2" x 0.50" dia**
**QTY 2**



**3/8"-16 Nylon Hex Locknut**
**Qty 7**



**7/16"-14 - Nylon Hex Locknut**
**Qty 4**

# MB1247 - Assembly Skid System for JK / JKU

**Preparation and Installation Guide**

**Compatability:** These instructions show the installation for a 4-Door Jeep JKU with a 3.6L engine, but the procedure is similar for 2-Door models and vehicles with the 3.8L engine.

**1. Prepare the Vehicle:** Park on a flat surface and disconnect the battery for safety.

**2. Remove Factory Skid Plates:** Remove the transmission and exhaust skid plates, but leave the gas tank skid in place.

**3. Test Fit the New Skid Plates:** Align and temporarily secure the new skid plates over the factory locations to ensure proper fit.

**4. Paint the Skid Plates:** Remove the parts, paint them with a rust-resistant finish, and let them dry completely.

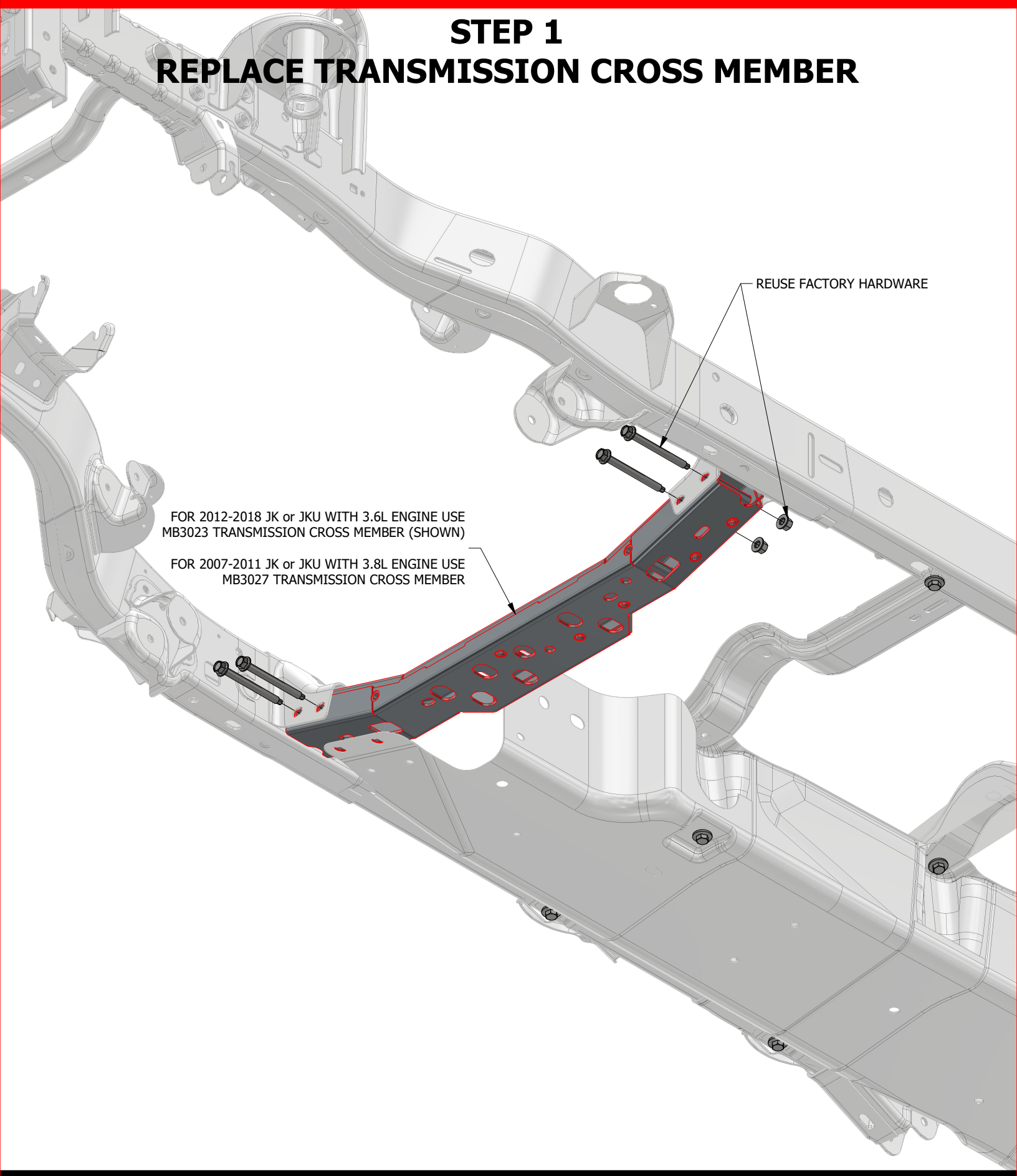
**5. Final Installation:** Reinstall the painted skid plates, tightening all bolts securely.

**6. Reconnect the Battery & Test:** Reconnect the battery and take the vehicle for a test drive, checking for any issues with the installation.

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

## MB1247 - Assembly Skid System for JK / JKU

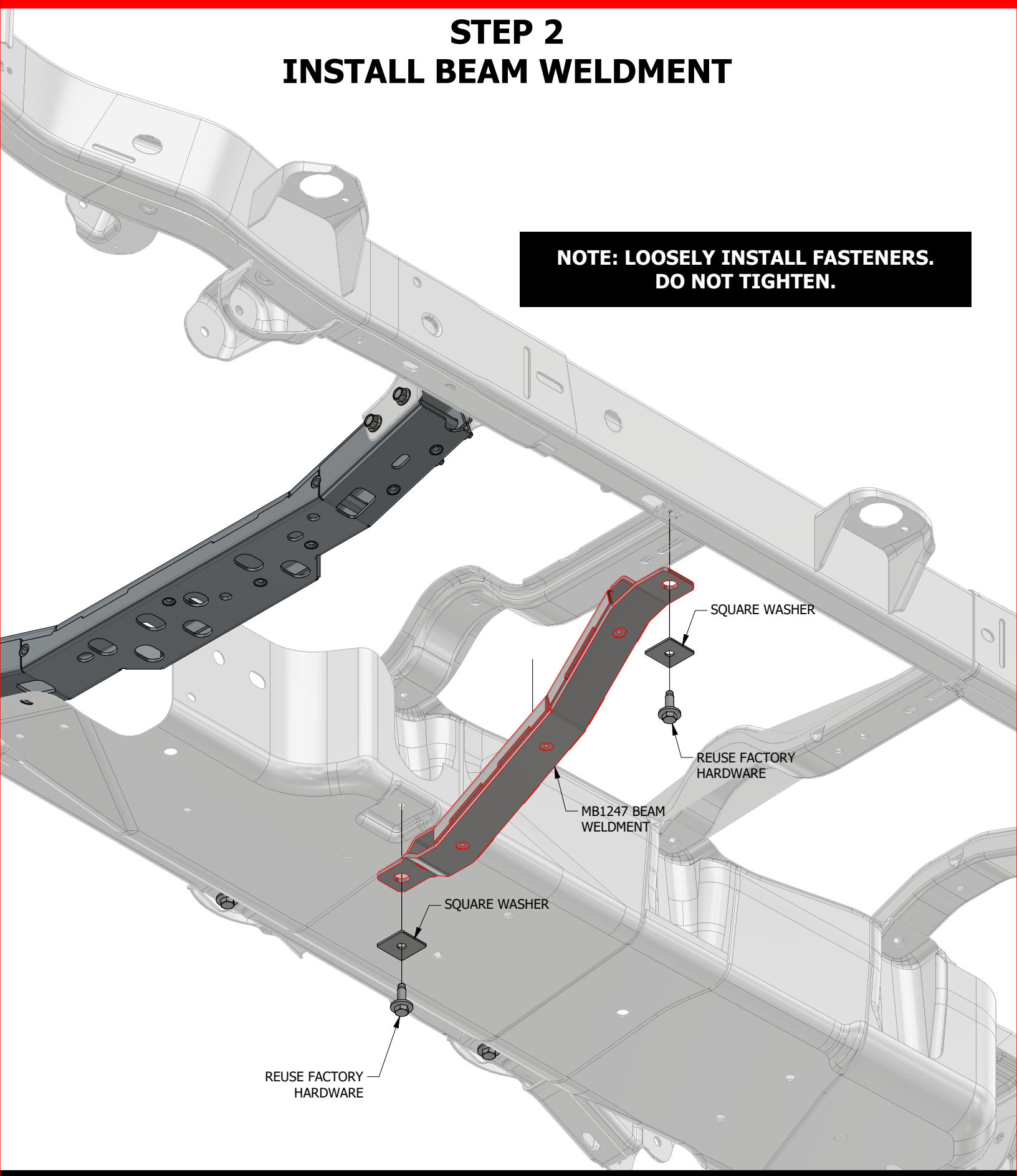
# STEP 1
# REPLACE TRANSMISSION CROSS MEMBER



MB1247 - Assembly Skid System for JK / JKU

# STEP 2
# INSTALL BEAM WELDMENT

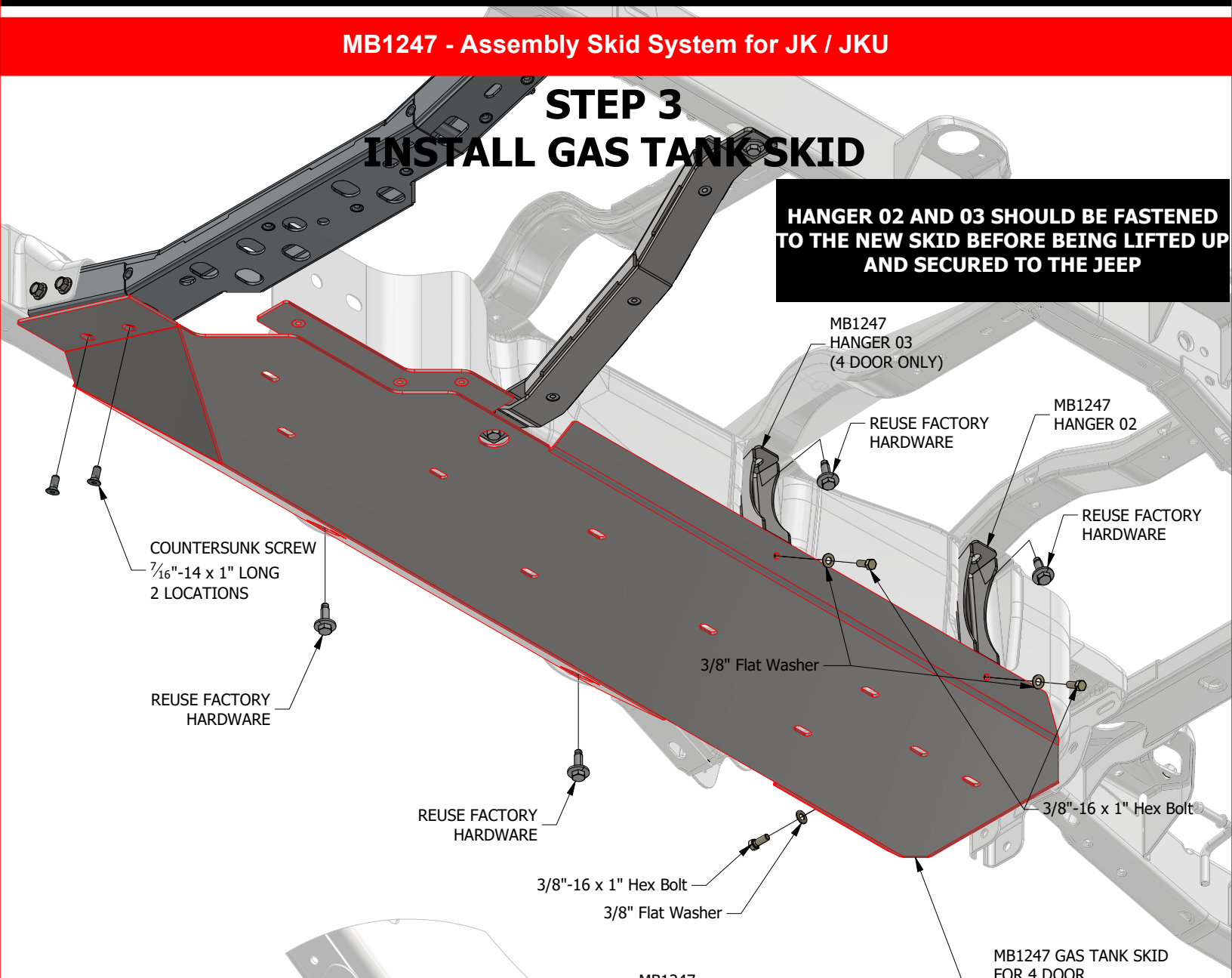
**NOTE: LOOSELY INSTALL FASTENERS.
DO NOT TIGHTEN.**

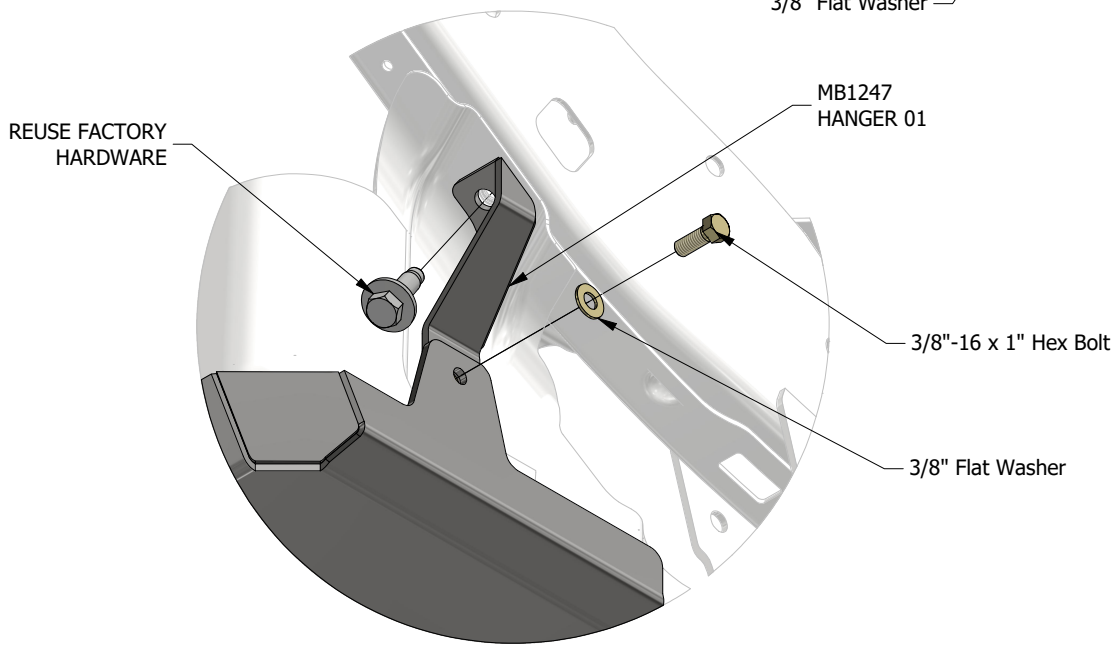


# MB1247 - Assembly Skid System for JK / JKU

## STEP 3
## INSTALL GAS TANK SKID

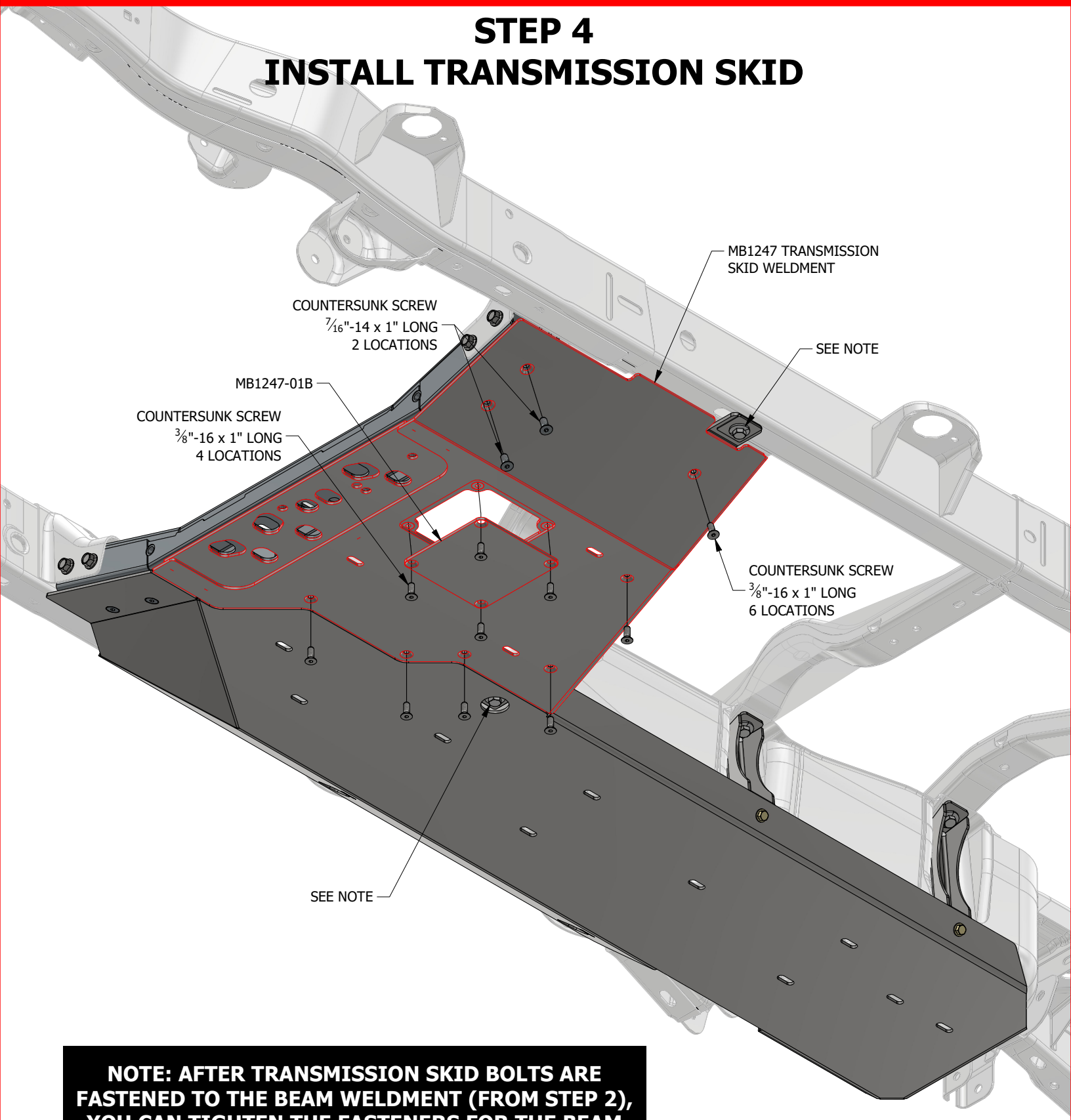
**HANGER 02 AND 03 SHOULD BE FASTENED TO THE NEW SKID BEFORE BEING LIFTED UP AND SECURED TO THE JEEP**




**LOCATION: REAR PASSENGER**

# STEP 4
# INSTALL TRANSMISSION SKID




**NOTE: AFTER TRANSMISSION SKID BOLTS ARE FASTENED TO THE BEAM WELDMENT (FROM STEP 2), YOU CAN TIGHTEN THE FASTENERS FOR THE BEAM WELDMENT.**

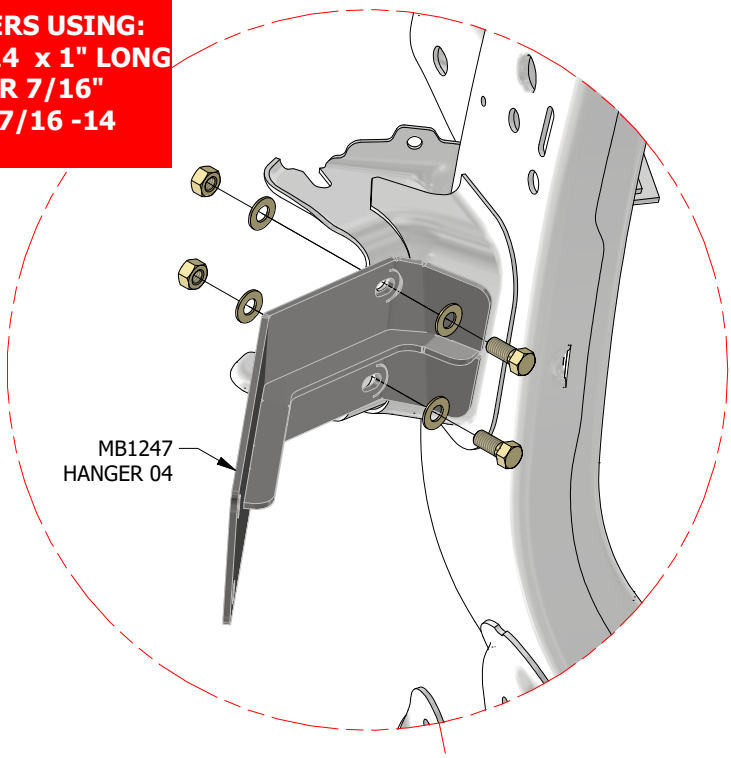
MB1247 - Assembly Skid System for JK / JKU

# STEP 5
# INSTALL ENGINE SKID HANGERS

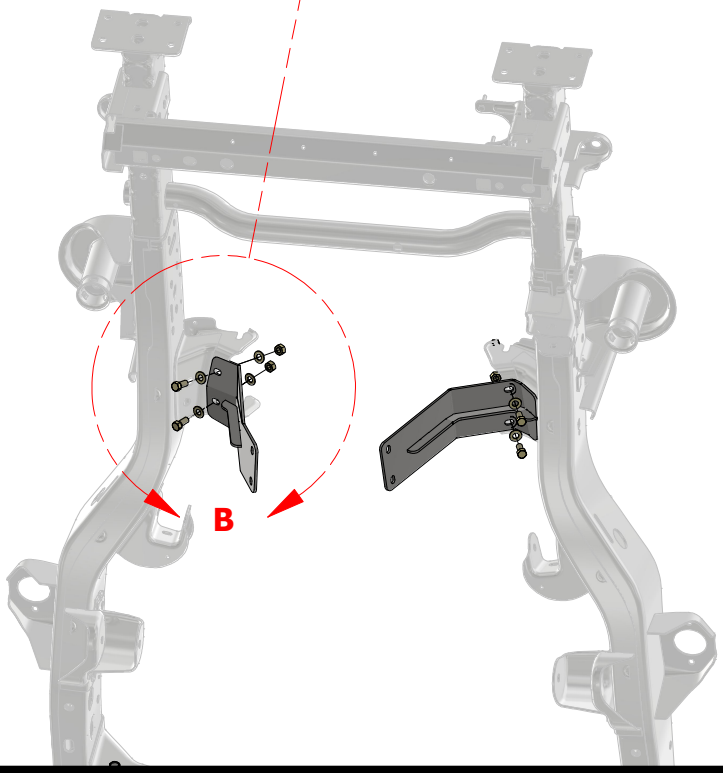
**INSTALL HANGERS USING:**
**HEX BOLT 7/16 -14 x 1" LONG**
**FLAT WASHER 7/16"**
**NYLOCK NUT 7/16 -14**

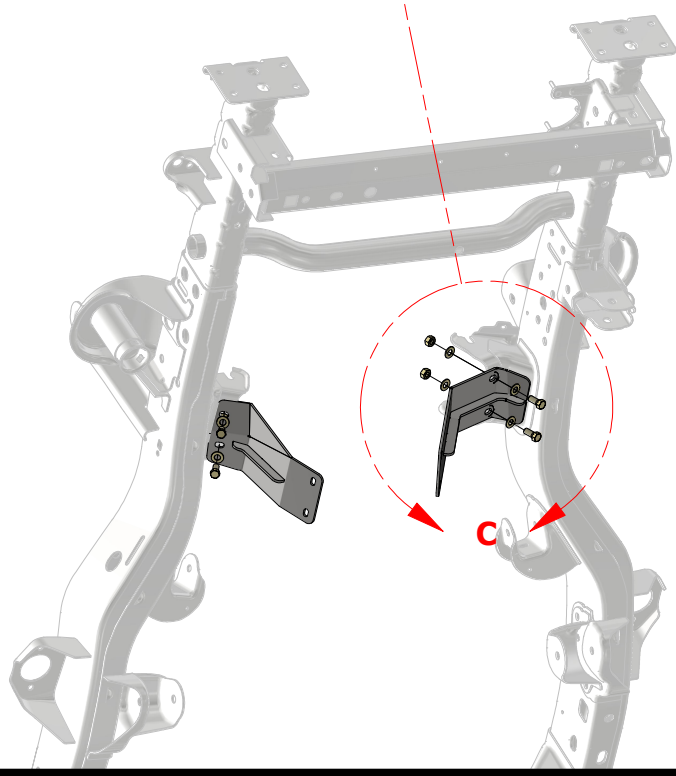



**DETAIL B**




**DETAIL C**



## MB1247 - Assembly Skid System for JK / JKU

# STEP 6
# INSTALL ENGINE SKID

