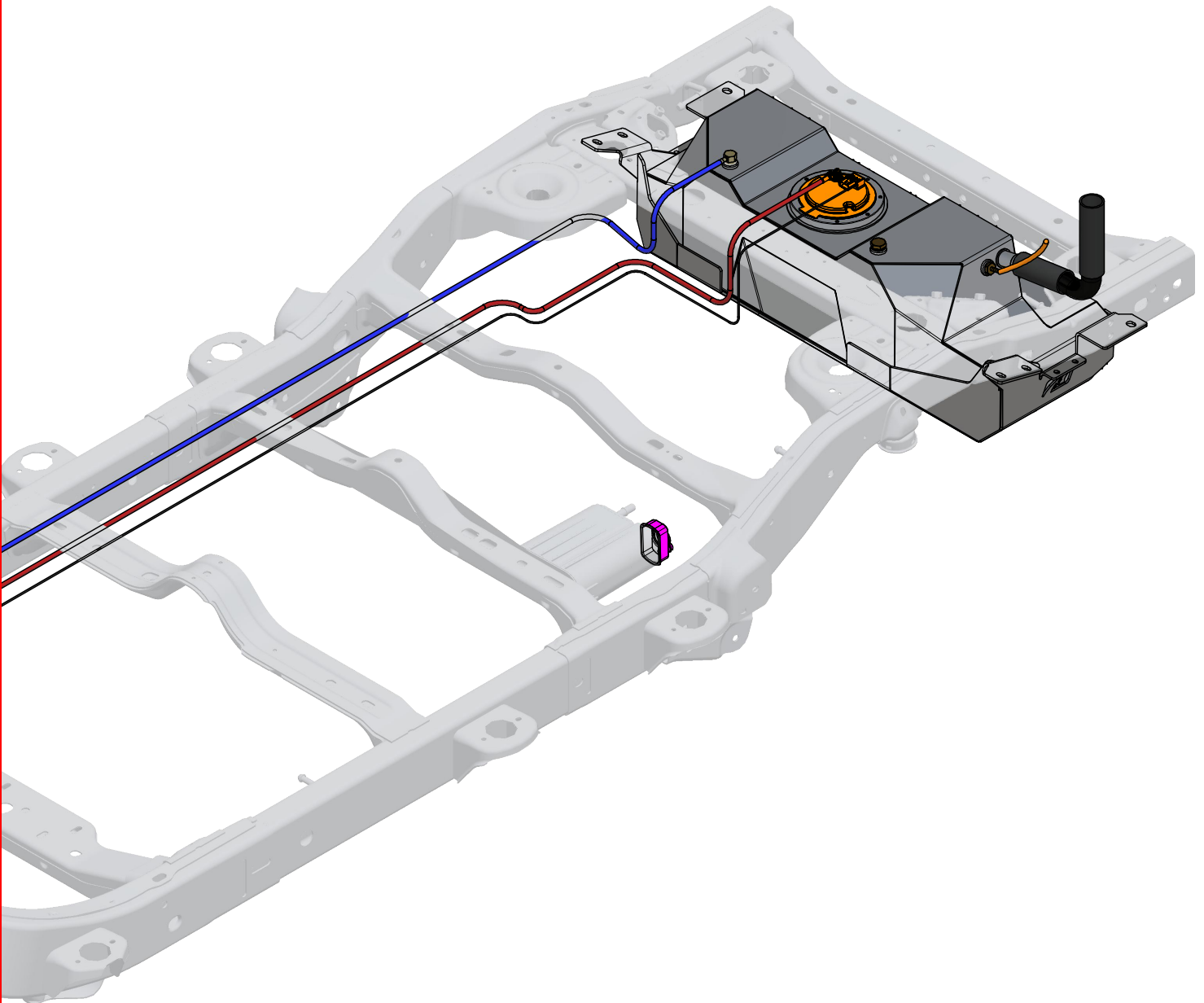
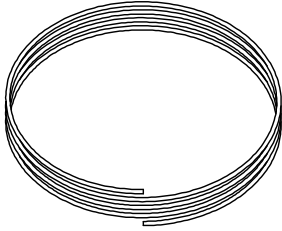
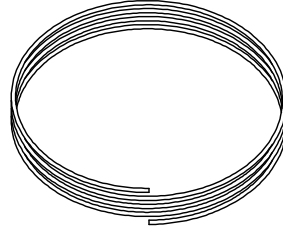
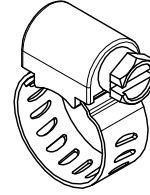
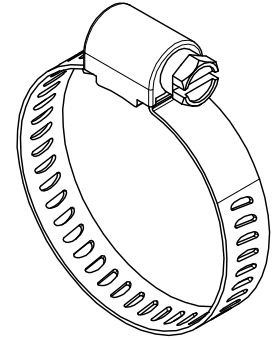
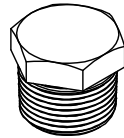
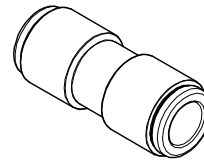
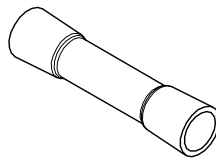
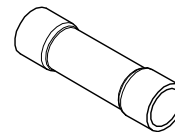


MB5035 JK (2012-2018) EVAP AND FUEL LINE MODIFICATION

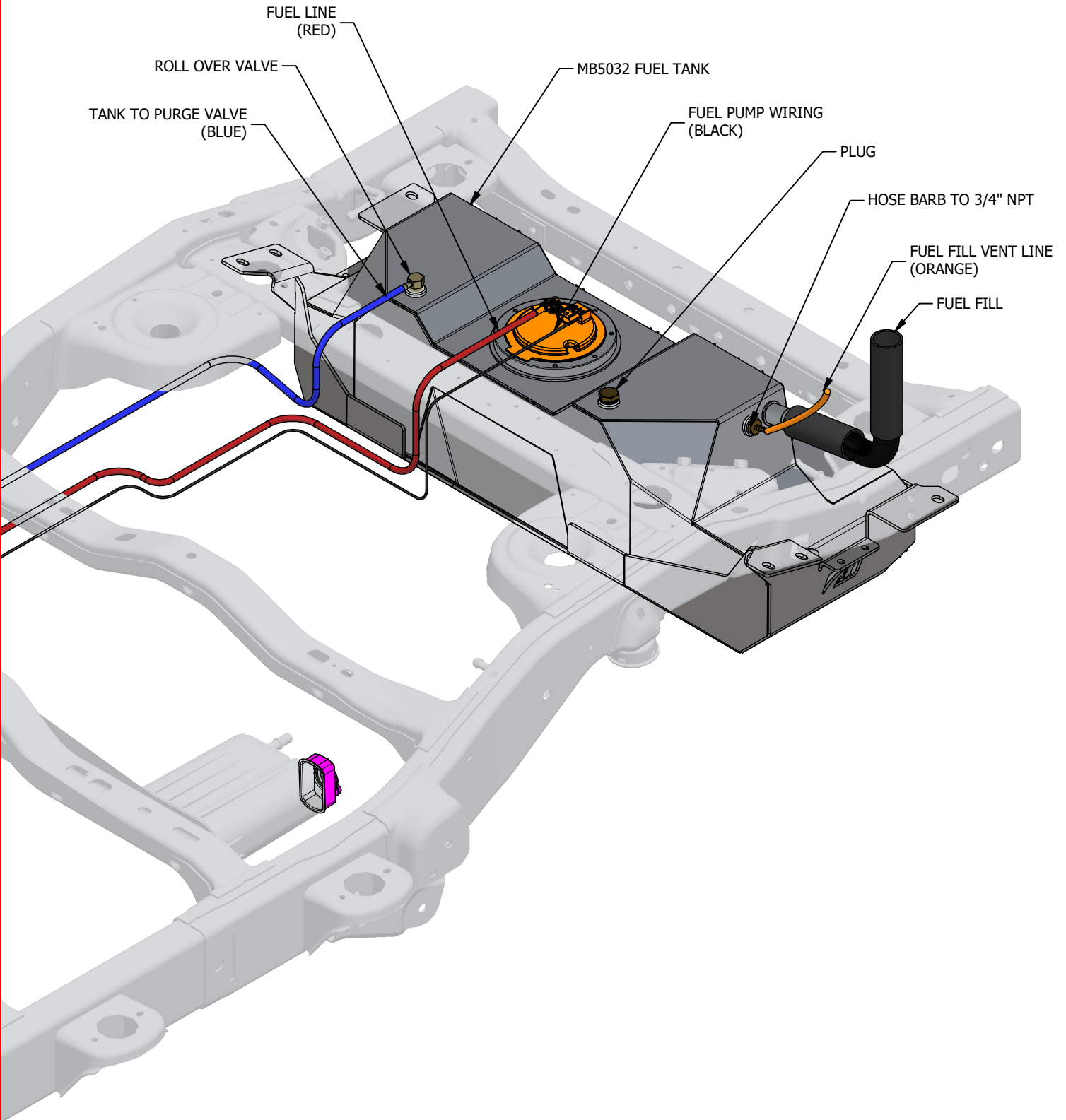


OFF-ROAD USE ONLY

MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification**KIT COMPONENTS****3/8" FUEL LINE**
Qty: 12 FT**3/8" RUBBER FUEL LINE**
Qty: 1 FT**HOSE CLAMP**
3/8"
Qty: 6**HOSE CLAMP**
1-1/2"
Qty: 4**PLUG**
1/2" NPT
Qty: 1**PUSH CONNECT UNION**
3/8"
Qty: 3**FUEL PUMP EXTENSION WIRE**
12Ga, 4 FT
Qty: 2**FUEL SENDER EXTENSION WIRE**
16Ga, 4 FT
Qty: 2**ELECTRICAL BUTT CONECTOR**
16Ga - 14Ga
Qty: 4**ELECTRICAL BUTT CONNECTOR**
12Ga - 10Ga
Qty: 4

MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification

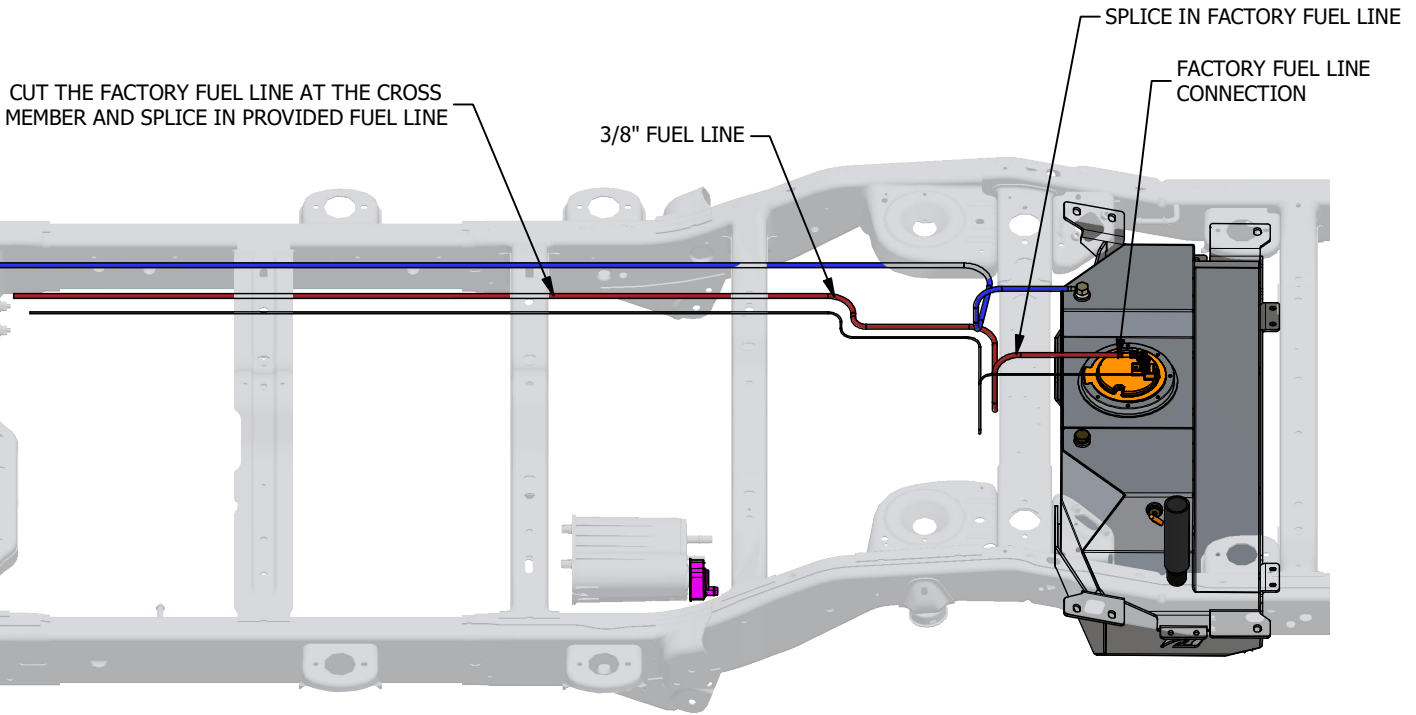
OVERVIEW



MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification

**FUEL LINE
(RED)**

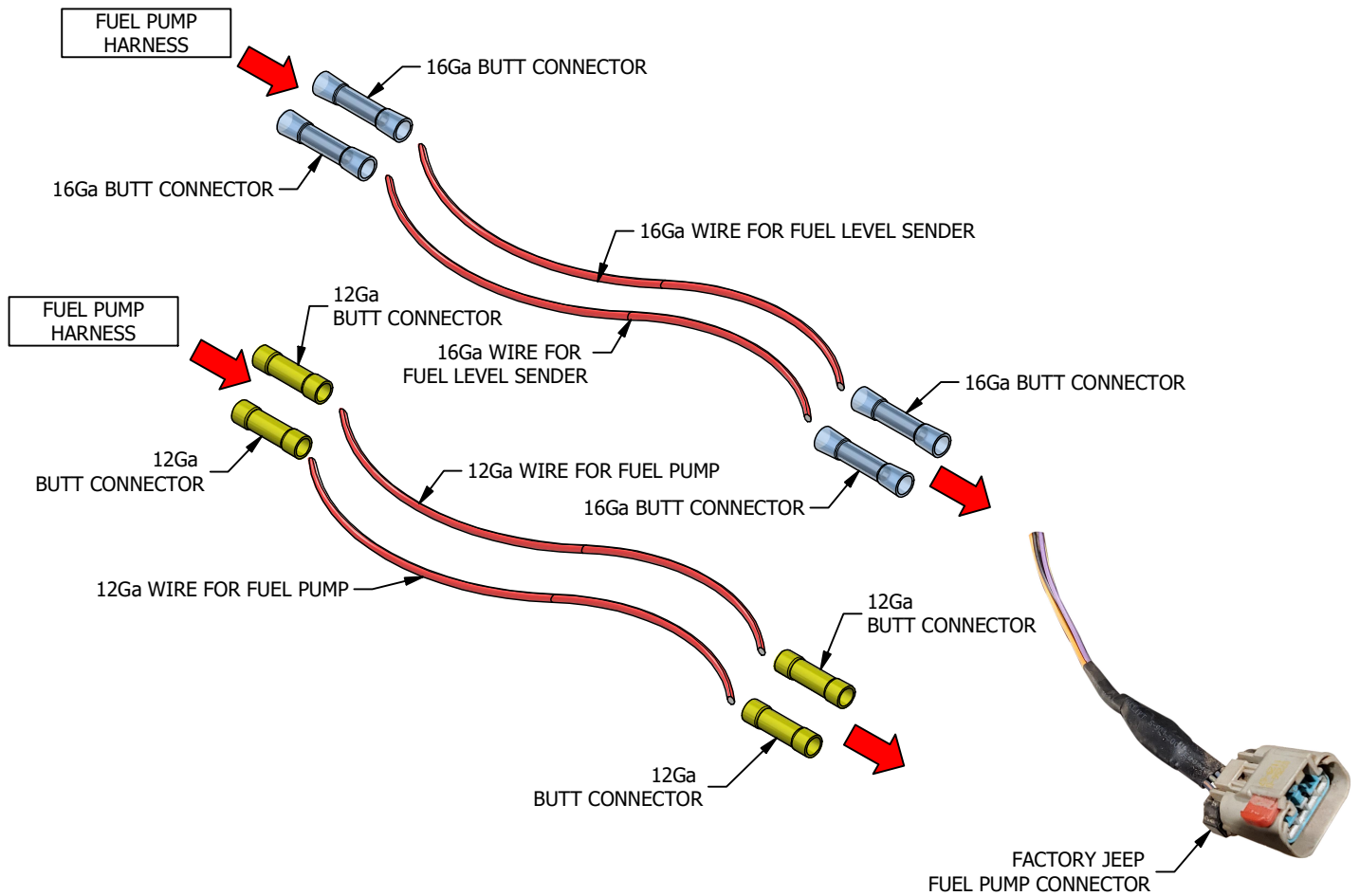
CUT THE FACTORY FUEL LINE AT THE CROSS MEMBER SO THERE IS ROUGHLY 1-1/2' OF THE FACTORY HOSE STILL ATTACHED TO THE FACTORY FUEL LINE CONNECTOR. THE PROVIDED 3/8" FUEL LINE CAN BE SPLICED INTO THE FACTORY FUEL LINE.



MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification

FUEL PUMP ELECTRICAL CONNECTION

THE FUEL PUMP WIRING HARNESS NEEDS TO BE LENGTHENED TO REACH THE NEW FUEL TANK LOCATION. CUT THE FACTORY HARNESS 6" FROM THE FUEL PUMP CONNECTOR AND ADD IN THE SPLICE USING THE PROVIDED WIRE AND BUTT CONNECTORS. HEAT SHRINK THE BUTT CONNECTORS TO PROTECT THE WIRING FROM THE ELEMENTS.



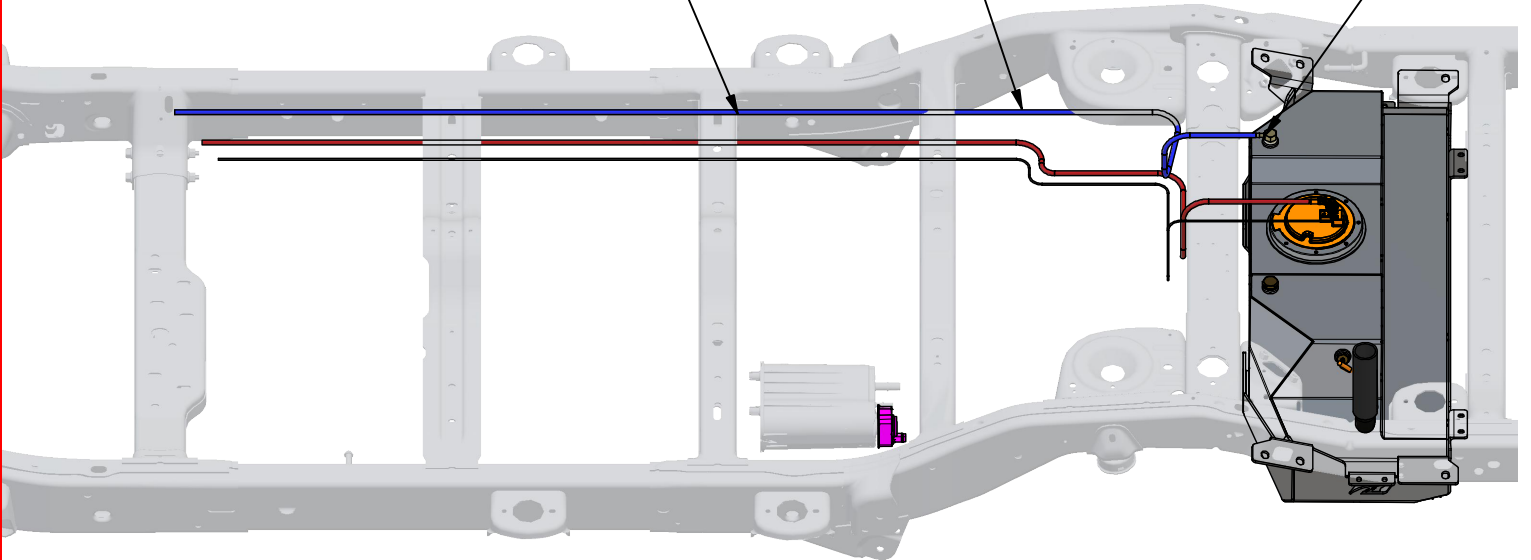
MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification**TANK TO PURGE VALVE
(BLUE)**

CUT THE FACTORY PURGE VALVE LINE AT THE TRANSMISSION CROSSMEMBER. USE A 3/8" UNION TO SPLICE IN THE PROVIDED 3/8" FUEL LINE. RUN THE PROVIDED LINE TO THE ROLL OVER VALVE ON THE FUEL TANK MAKING SURE THE LINE IS FREE FROM ANY MOVING PARTS. TRIM ANY EXCESS FUEL LINE.

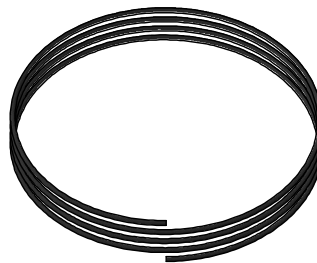
CUT THE FACTORY EVAP LINE AT THE CROSS MEMBER AND SPLICE IN THE PROVIDED 3/8" FUEL LINE

3/8" FUEL LINE

ROLL OVER VALVE



FACTORY FUEL
LINE TO ENGINE



FUEL LINE TO
TANK

**3/8" FUEL LINE
UNION**

3/8" FUEL LINE

HOSE CLAMP

MB5035 - Assembly Instructions JK (12-18) EVAP and Fuel Line Modification

FUEL FILL AND VENT LINE

PREPARATION

REMOVE THE INNER FENDER TO EXPOSE THE FUEL VENT AND FUEL FILL LINES. CUT BOTH THE FUEL FILL LINE AND FUEL VENT LINE AT THE PINCH WELD BY THE TUB. THIS SHOULD LEAVE ROUGHLY 10" OF HOSE COMING OFF OF THE FUEL FILLER ASSEMBLY. THE EXCESS FUEL FILL HOSE WILL BE RE-PURPOSED SO REMOVE WITH CARE. THE EXCESS FUEL VENT LINE CAN BE DISCARDED

FUEL VENT LINE

USE THE PROVIDED RUBBER HOSE AND SLIDE ONE END OVER THE HOSE BARB ON THE TANK AND SLIDE THE OTHER END OVER THE FACTORY FUEL VENT HOSE. USE HOSE CLAMPS TO SECURE BOTH ENDS. CHECK FOR LEAKS.

FUEL FILL LINE

WITH THE REST OF THE FUEL FILL HOSE REMOVED, TAKE THE FACTORY 90° ELBOW AND INSERT ONE END INTO THE FUEL FILL HOSE THAT WAS PREVIOUSLY CUT. USING THE SECTION OF HOSE THAT WAS REMOVED FROM THE VEHICLE, CUT OFF ONE END SO IT'S 8" LONG. INSERT ONE END OF THE 8" LONG HOSE INTO THE FUEL FILL BUNG ON THE MOTOBILT TANK AND INSERT THE OTHER END OVER THE 90° ELBOW. SECURE BOTH ENDS WITH HOSE CLAMPS. CHECK FOR LEAKS

