

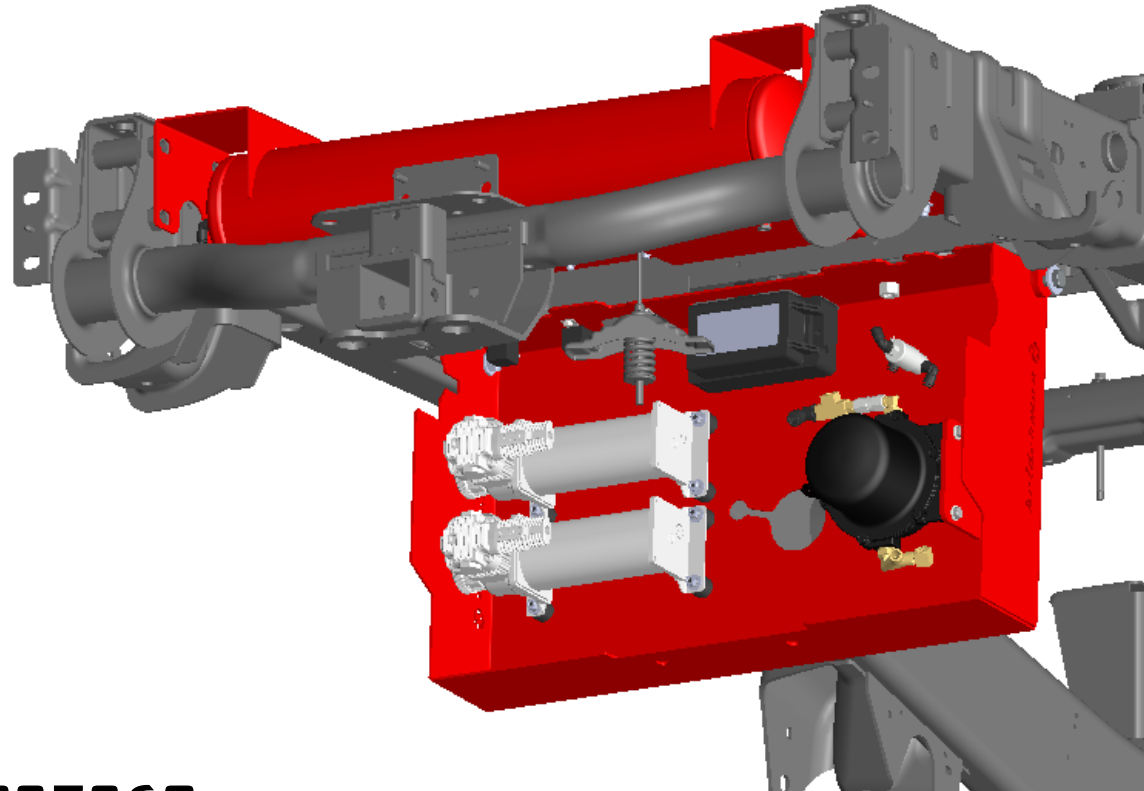
INSTALL INSTRUCTIONS**KIT - AIR LIFT 3H/3P CONTROLS/COMPRESSOR BOX - 4 CORNER
ELECTRONIC W/DRYER - DUAL TANK - 2025+ RAM 2500/3500
PICKUP - SPARE TIRE MOUNT****KIT #10037368***kelderman*

TABLE OF CONTENTS

- ♦ KIT NUMBERS.....(3)
- ♦ INTRODUCTION.....(4)
- ♦ SAFETY.....(5)
- ♦ PRODUCT OWNER RESPONSIBILITIES.....(6)
- ♦ DISASSEMBLY.....(7+)
- ♦ KIT INSTALLATION.....()
- ♦ KIT DRAWINGS.....()
- ♦ NOTES.....()
- ♦ CONTACT INFORMATION.....()



KIT NUMBERS

- THIS INSTALLATION MANUAL COVERS THE FOLLOWING AIR RIDE KITS.

Kit Number	Description
10037368	Kit - Air Lift 3H/3P Controls/Compressor Box - 4 Corner Electronic w/Dryer - Dual Tank - 2025+ RAM 2500/3500 Pickup - Spare Tire Mount



INTRODUCTION

IMPORTANT

- ♦ IT IS IMPORTANT THAT THE ENTIRE INSTALLATION INSTRUCTIONS BE READ THOROUGHLY BEFORE PROCEEDING WITH INSTALLATION.
- ♦ IF YOUR KIT WAS ORDERED RAW, OPEN EVERY BOX AND LOCATE ALL PARTS. THERE ARE SEVERAL SMALLER BUSHING PIECES AND BOLTS THAT ARE PACKAGED SEPARATELY INSIDE THE MAIN BOX.

PRODUCT INSTALLER RESPONSIBILITIES

- ♦ INSTALLER IS RESPONSIBLE FOR INSTALLING THIS PRODUCT IN ACCORDANCE WITH KELDERMAN MFG. INC. SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
- ♦ INSTALLER IS RESPONSIBLE FOR PROVIDING PROPER INSTALLATION OF VEHICLE COMPONENTS AND ATTACHMENTS AS WELL AS REQUIRED OR NECESSARY CLEARANCE FOR SUSPENSION COMPONENTS, AXLES, WHEELS, TIRES, AND OTHER VEHICLE COMPONENTS TO ENSURE A SAFE AND SOUND INSTALLATION AND OPERATION OF THIS PRODUCT.

DEFINITION OF TERMS

- ♦ **WARNING:** INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.
- ♦ **CAUTION:** A POTENTIAL HAZARDOUS SITUATION MAY RESULT IN PROPERTY DAMAGE.
- ♦ **NOTE:** PROVIDE INFORMATION OR SUGGESTIONS THAT HELP CORRECTLY PERFORM A TASK.
- ♦ **TORQUE:** WHEN ITALICIZED “TORQUE” ALERTS THE INSTALLER TO TIGHTEN FASTENERS TO A SPECIFIED VALUE.

kelderman



SAFETY

YOUR SAFETY AND THE SAFETY OF OTHERS IS VERY IMPORTANT.

- ◆ READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND INSTRUCTIONS BEFORE INSTALLING THIS PRODUCT.

CAUTION: TRUCKS EQUIPPED WITH PARKING SENSORS OR OTHER LIKE DEVICES.

- ◆ RELOCATION OF THESE DEVICES WILL ALTER THE FIELD OF VIEW. IT IS THE RESPONSIBILITY OF THE OWNER TO UNDERSTAND HOW THESE CHANGES AFFECT THE OPERATION OF THESE SYSTEMS.

WARNING: COMPONENTS UNDER PRESSURE.

- ◆ BLEED ALL PRESSURE FROM THE AIR SYSTEM BEFORE PERFORMING ANY MAINTENANCE OR SERVICE. SERIOUS INJURY COULD OCCUR IF COMPONENTS ARE REMOVED WHILE SYSTEM IS PRESSURIZED.

WARNING: CARELESS INSTALLATION CAN RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE

- ◆ WEAR EYE PROTECTION.
- ◆ DISCONNECT THE BATTERY BEFORE DOING ANY WORK ON THE VEHICLE.
- ◆ WORK ON FLAT LEVEL GROUND.
- ◆ ENSURE TRUCK IS PROPERLY SUPPORTED BY JACK STANDS. NEVER WORK UNDER A VEHICLE SUPPORTED ONLY BY HYDRAULIC JACKS.
- ◆ TAKE PRECAUTIONS WHEN LIFTING PRODUCT. DUE TO THE SIZE AND WEIGHT OF THIS PRODUCT TWO PEOPLE ARE RECOMMENDED FOR INSTALLATION.
- ◆ NEVER WORK DIRECTLY UNDER THE PRODUCT UNTIL IT HAS BEEN SECURELY FASTENED TO THE VEHICLE.
- ◆ AVOID SHARP, HOT, AND MOVING COMPONENTS WHEN ROUTING ELECTRICAL CABLES AND AIR LINES.
- ◆ IF DRILLING, INSPECT BOTH SIDES OF THE SURFACE AND REMOVE/RELOCATE ANY OBJECTS LOCATED IN THE WAY.
- ◆ ENSURE ALL BOLTS ARE PROPERLY TIGHTENED BEFORE DRIVING.

kelderman



PRODUCT OWNER RESPONSIBILITIES

- ◆ PRODUCT OWNER IS SOLELY RESPONSIBLE FOR PRE-OPERATION INSPECTION, PERIODIC INSPECTIONS, MAINTENANCE, AND USE OF THE PRODUCT AS SPECIFIED BY KELDERMAN MFG. INC. OF PARTICULAR IMPORTANCE IS THE RE-TORQUE OF FASTENERS.
- ◆ THIS RE-TORQUE MUST BE PERFORMED WITHIN 2500 MILES OF THIS PRODUCT BEING PUT INTO SERVICE.
- ◆ PRODUCT OWNER IS RESPONSIBLE FOR “*DOWN TIME*” EXPENSES, CARGO DAMAGE, AND ALL BUSINESS COSTS AND LOSSES RESULTING FROM A WARRANTABLE FAILURE.

SERVICE INTERVALS**FIRST 2,500 MILES**

- ◆ CHECK FOR ANY LOOSE OR RUBBING HOSES AND WIRES.
- ◆ RE-TORQUE ALL HARDWARE.

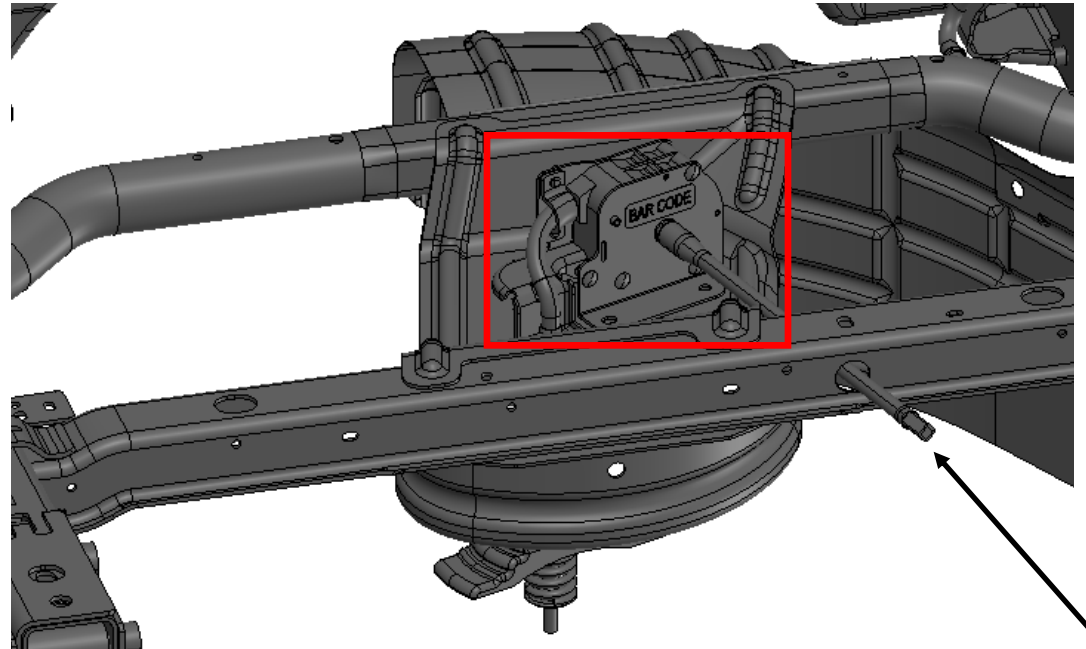
EVERY 30,000 MILES

- ◆ CHECK FOR ANY LOOSE OR RUBBING HOSES AND WIRES.
- ◆ RE-TORQUE ALL HARDWARE.

kelderman

DISASSEMBLY

1. IF POSSIBLE REMOVE THE BOX AND REAR BUMPER FOR EASE OF ACCESS DURING THE INSTALL.
2. USING THE TRUCK SPARE TIRE TOOL, WINCH THE SPARE TIRE DOWN AND REMOVE AND SET ASIDE.
3. REMOVE OEM BOLTS AND REMOVE THE SPARE TIRE WINCH ASSEMBLY. SET IT ASIDE AS IT WILL BE RETAINED FOR LATER INSTALL.

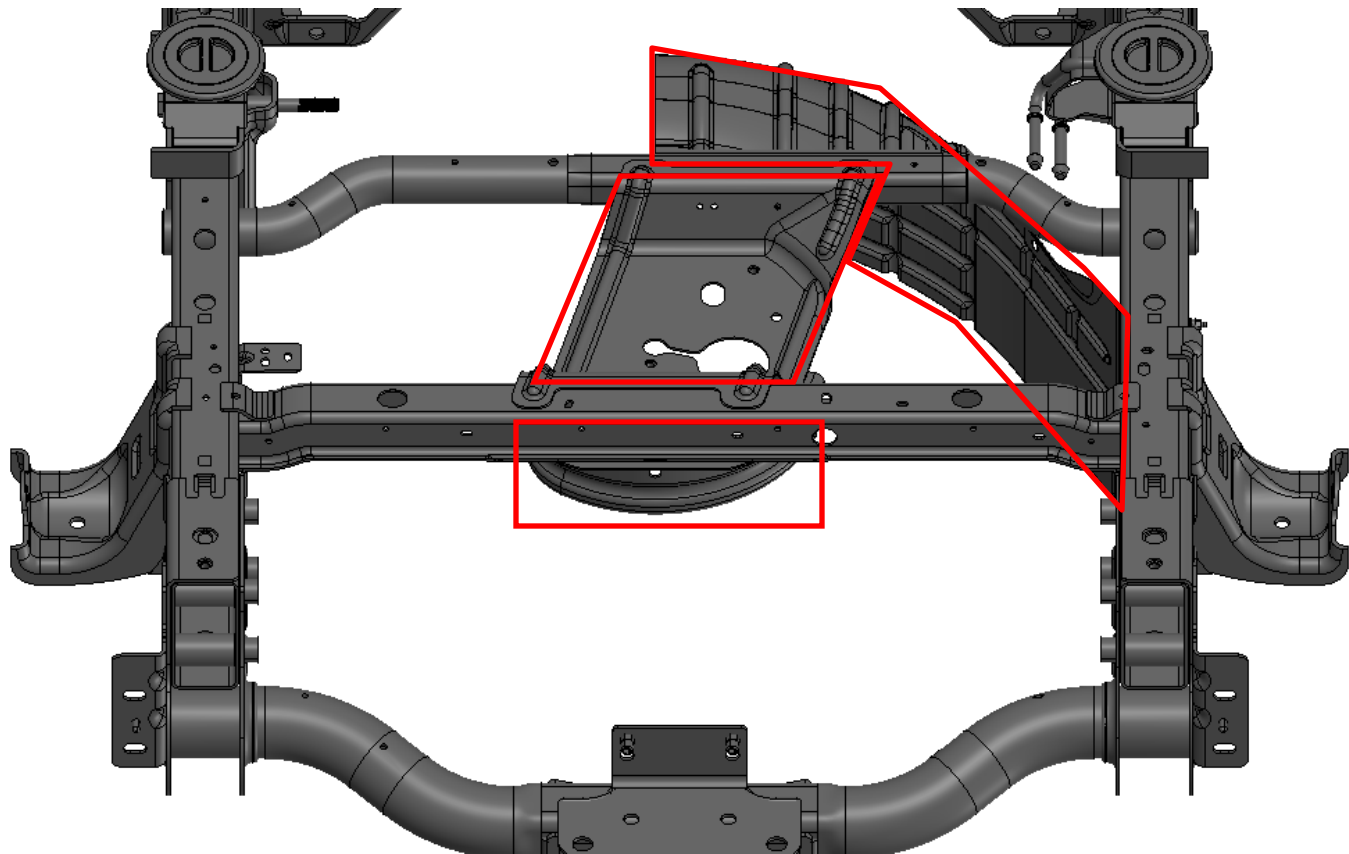


kelderman



DISASSEMBLY

4. CUT OUT THE SPARE TIRE WINCH MOUNT, SPARE TIRE HEAT SHIELD AND SPARE TIRE SUPPORT. THESE CAN BE DISCARDED AS THEY WILL NOT BE USED.



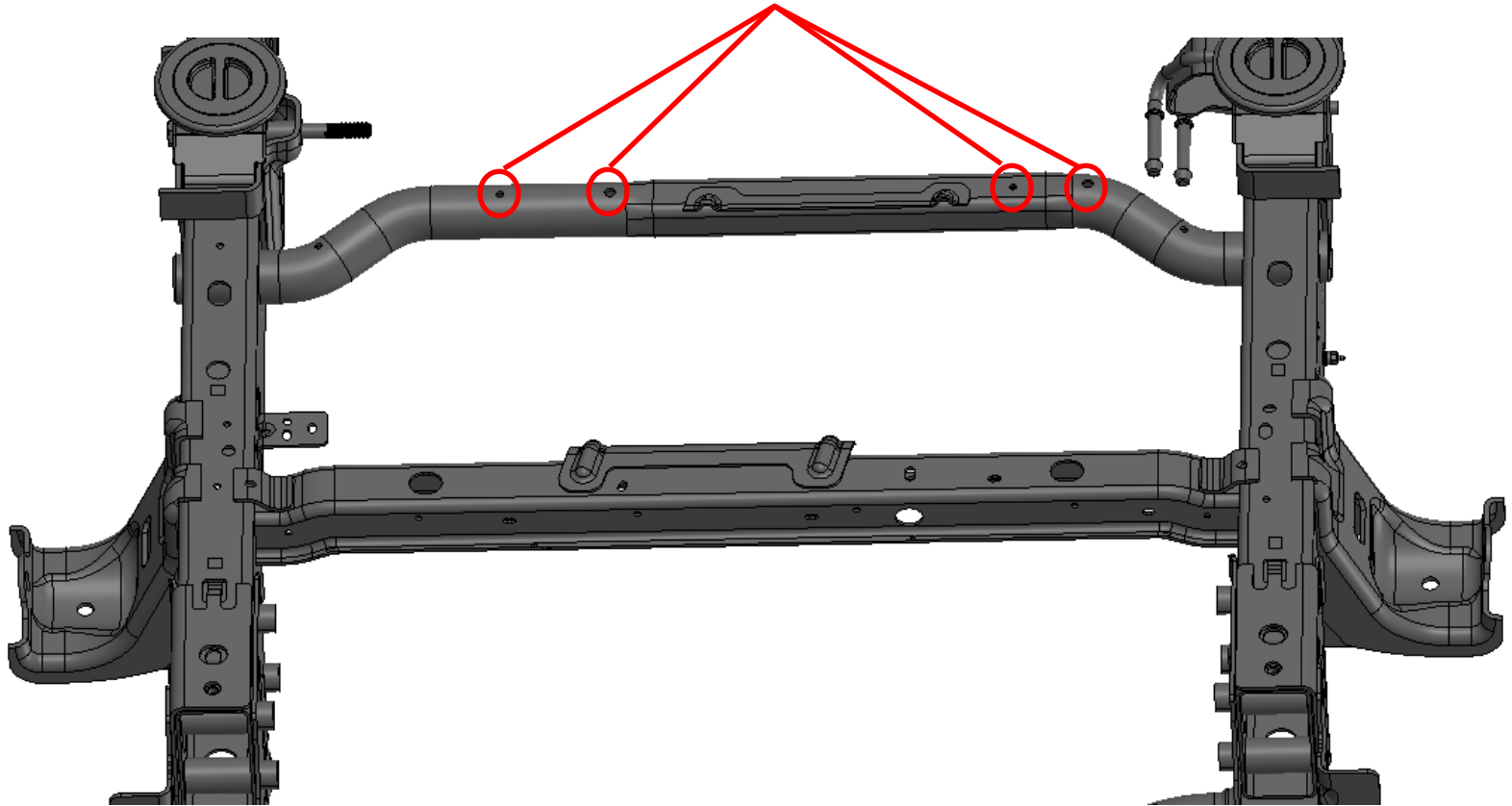
kelderman



DISASSEMBLY

5. YOUR TRUCK SHOULD LOOK LIKE THE IMAGE BELOW. WHEN YOUR AT THIS POINT, YOU WILL NEED TO DRILL THE (4) HOLES ON THE ROUND CROSSMEMBER WITH A 7/16" DRILL BIT.

DRILL TO 7/16" DIAMETER



THE KIT IS NOW READY FOR INSTALLATION.

kelderman



AIR CONTROLS ASSEMBLY

1. ATTACH THE UPPER WELDMENT TO THE LOWER WELDMENT AT THE HINGE WITH 1/2"-20 X 1-1/2" BOLTS AND WASHERS. THEN INSTALL THE 1/2"-13 X 1" BOLTS, SPLIT LOCKS AND WASHERS TO THE REAR OF THE WELDMENTS. THEY INSTALL TO THE WELD NUTS IN THE UPPER WELDMENT THROUGH THE LOWER WELDMENT.

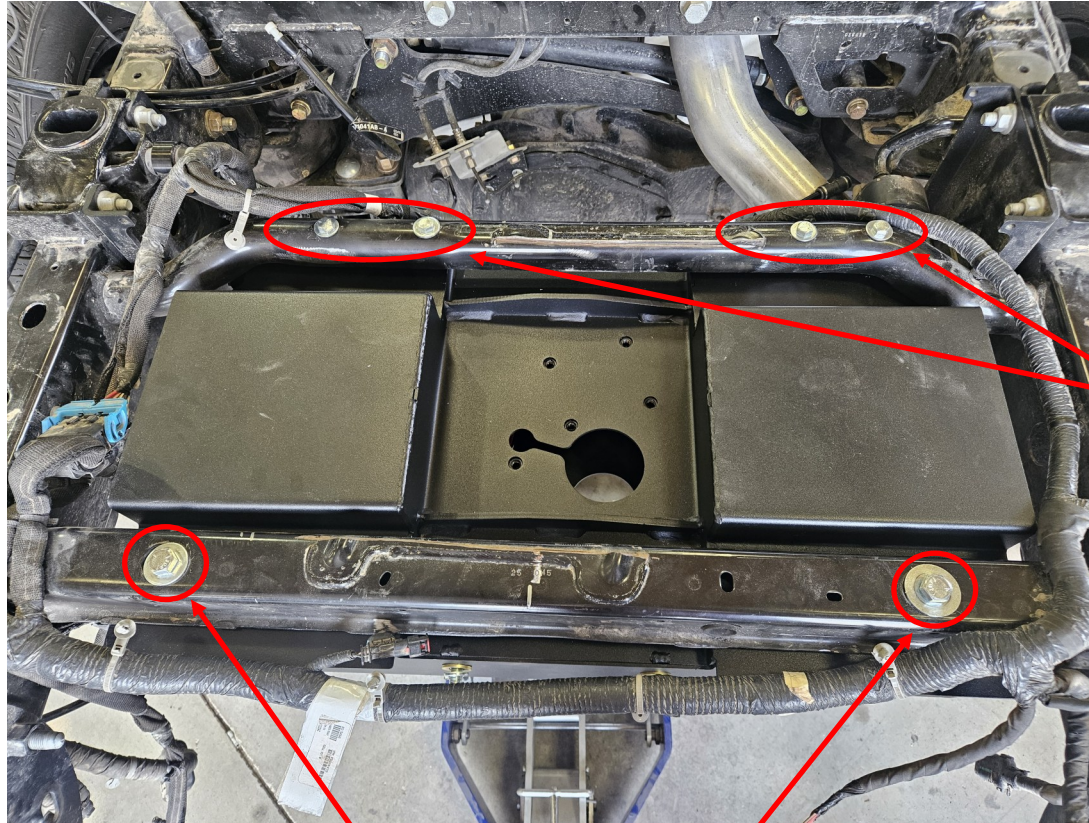


kelderman



AIR CONTROLS ASSEMBLY

2. LOCATE THE 3H SPARE TIRE MOUNT ASSEMBLY. INSTALL THE ASSEMBLY UNDER THE CROSSMEMBERS WITH 3/8"-24 X 3" BOLTS, WASHERS, LOCK NUTS AND 1/2"-13 X 3" BOLTS AND WASHER.



3/8"-24 X 3" BOLTS

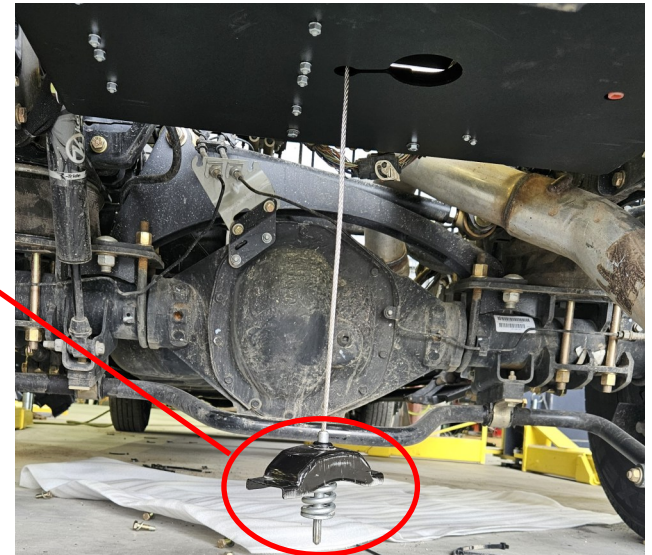
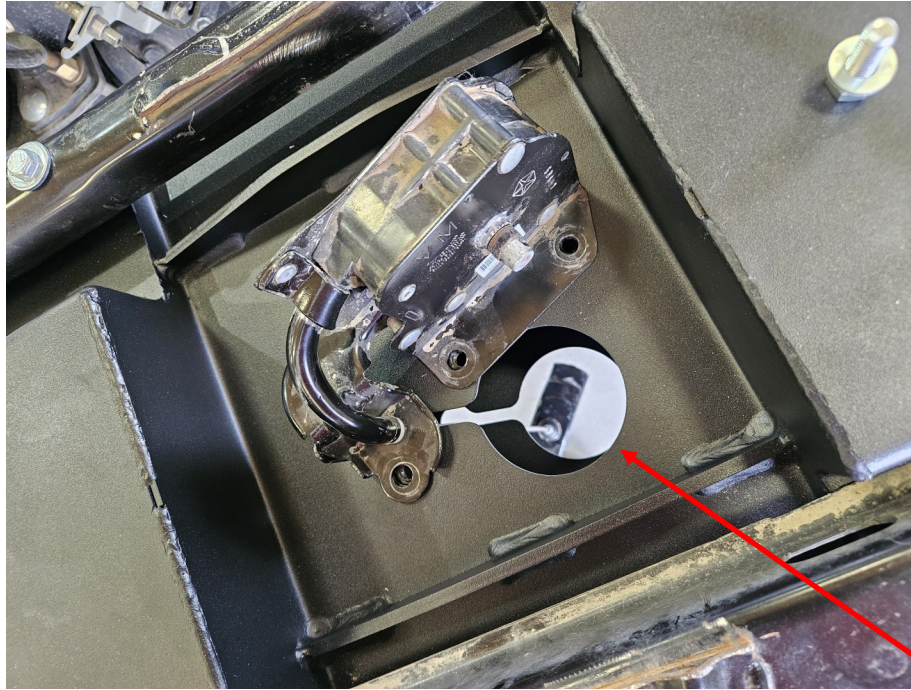
1/2"-13 X 3" BOLTS

kelderman



AIR CONTROLS ASSEMBLY

3. LOCATE THE SPARE TIRE WINCH ASSEMBLY, RETAINED DURING THE UN-INSTALL PORTION. YOU WILL NEED TO FEED THE BOTTOM THROUGH THE ASSEMBLY AS SHOWN BELOW.

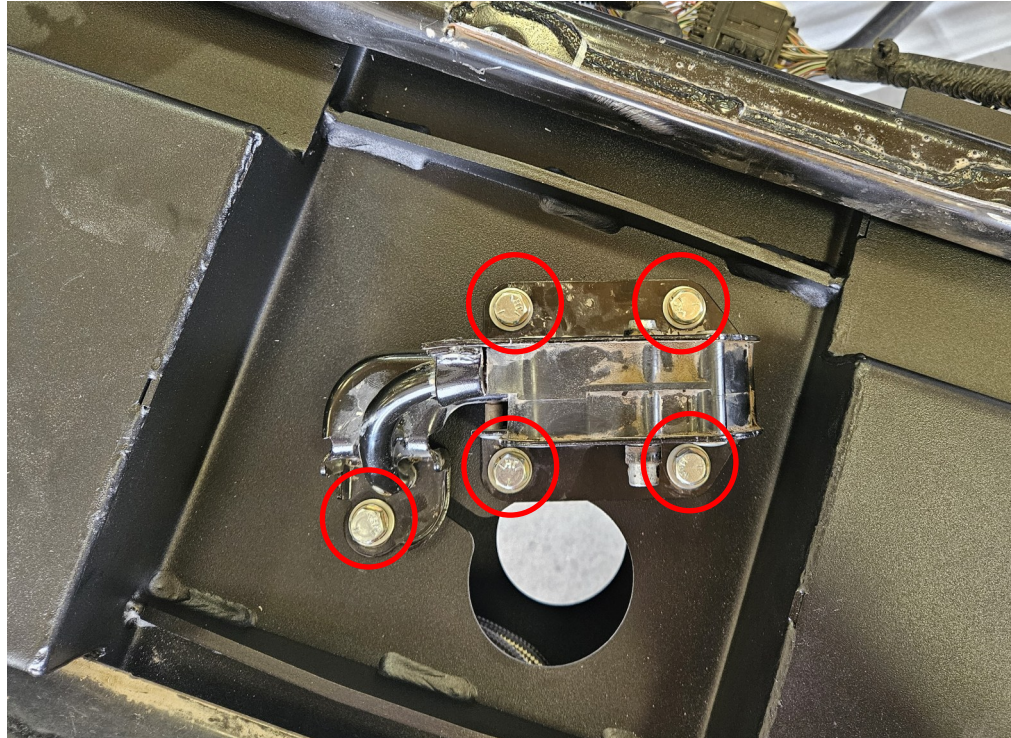


kelderman



AIR CONTROLS ASSEMBLY

4. ATTACH THE SPARE TIRE WINCH ASSEMBLY TO THE TOP OF THE BOX WITH (5) 3/8"-16 x 1" BOLTS AND WASHERS.

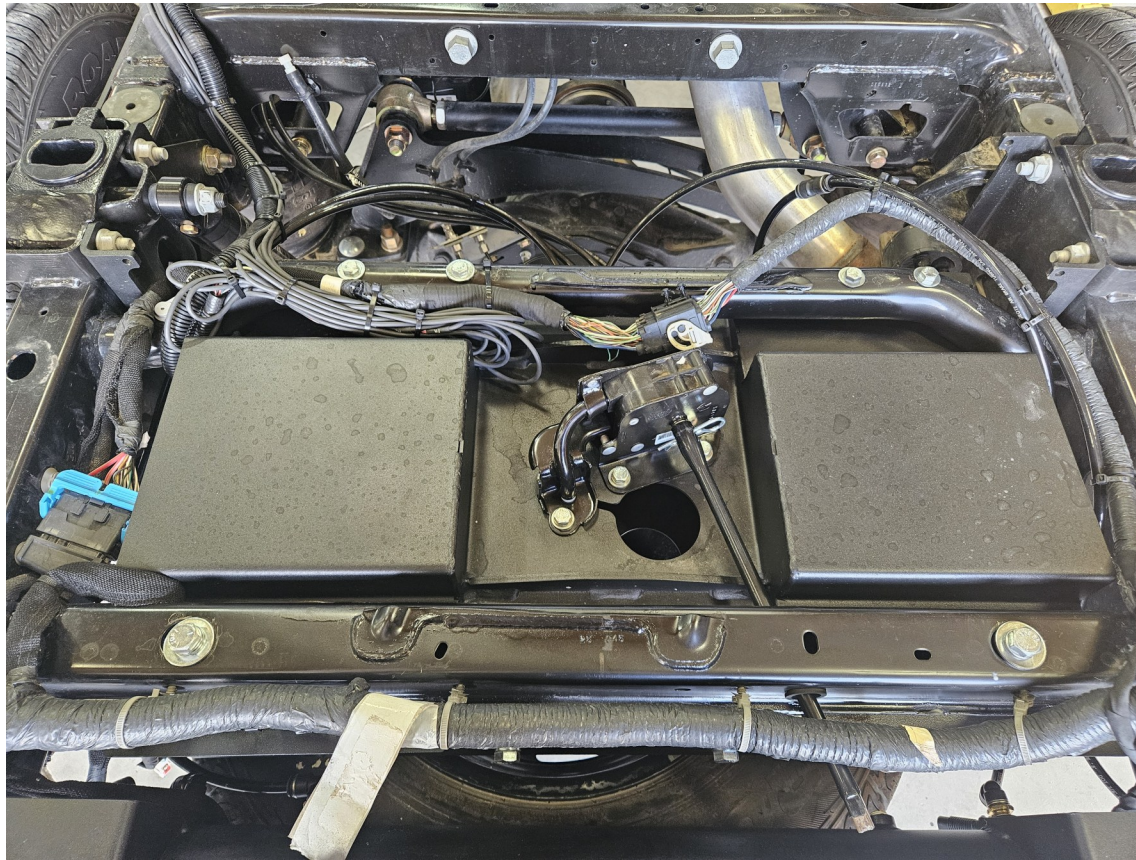


kelderman



AIR CONTROLS ASSEMBLY

5. WHAT THE AIR CONTROLS BOX ASSEMBLY SHOULD LOOK LIKE WHEN INSTALLED. YOU WILL MOST LIKELY NEED TO RE-ATTACH ANY HARNESSSES THAT WERE CLIPPED IN OR HANGING LOOSE. THE REAR (4) BOLTS USED CLIP HOLES SO THAT HARNESS WILL NEED TO BE RE-ATTACHED WITH ZIP TIES, ETC.

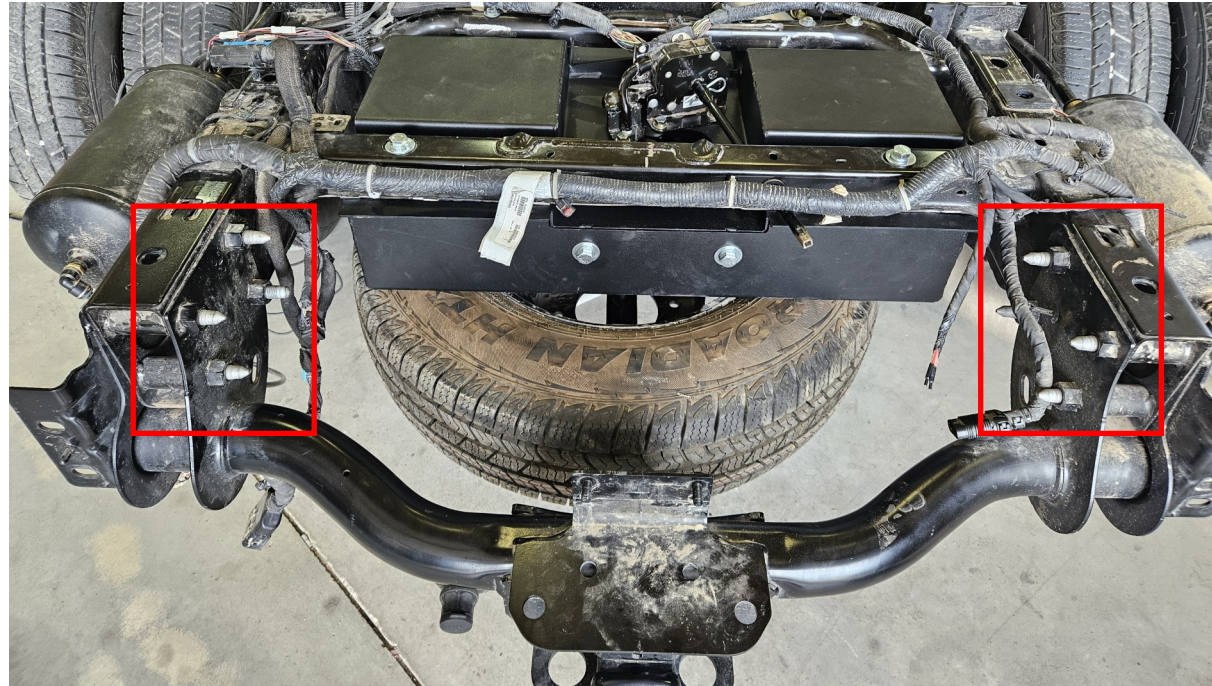


kelderman



AIR TANK DISASSEMBLY

REMOVE THE (8) OEM BOLTS ABOVE THE REAR HITCH MOUNT. THESE BOLTS WILL BE REPLACED WITH LONGER GRADE 8 HARDWARE.

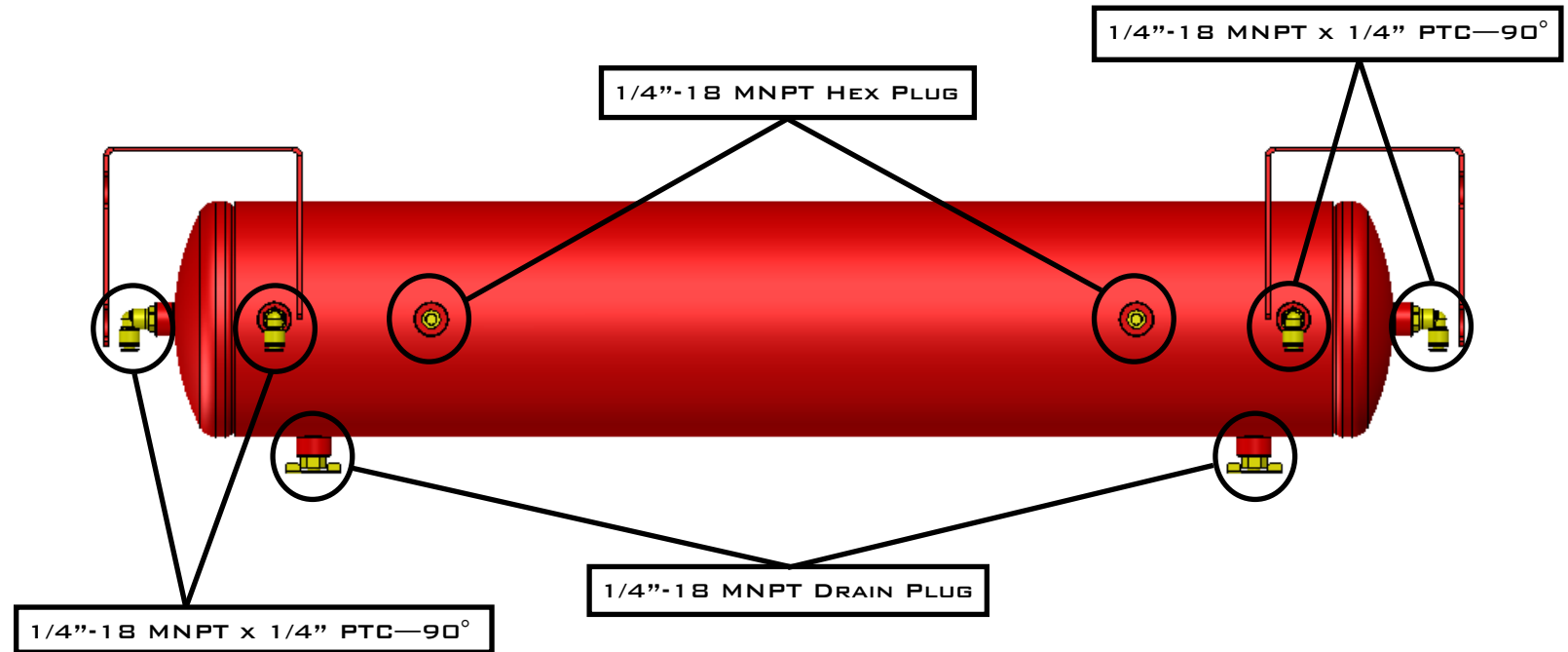


kelderman



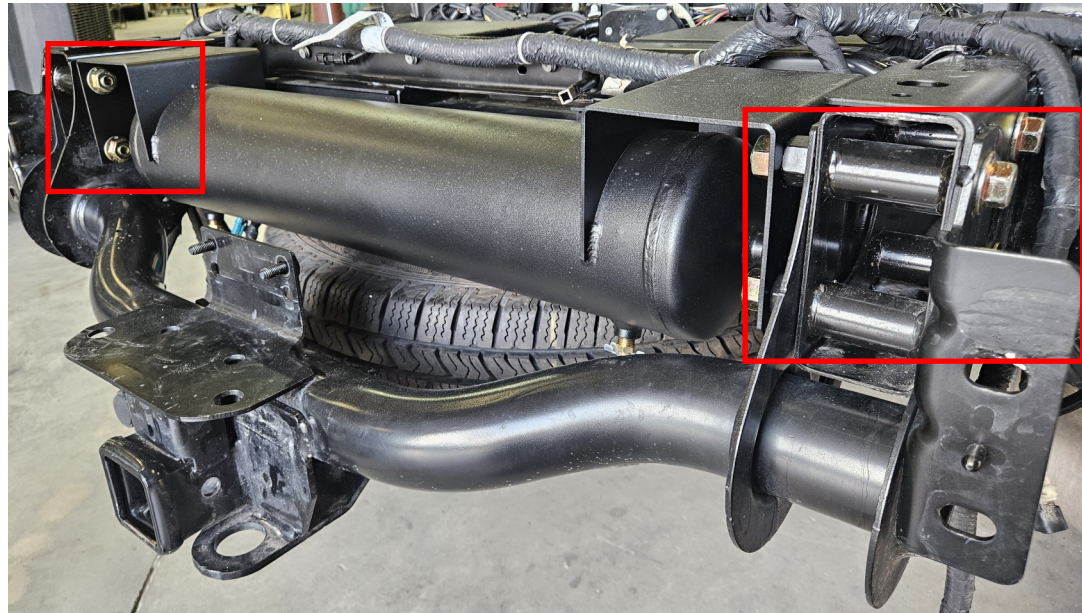
AIR TANK ASSEMBLY

1. INSTALL AIR FITTINGS TO THE AIR TANK. RECOMMENDED TO USE THREAD SEALANT (LOCTITE 545 OR EQUIVALENT) WHEN INSTALLING AIR FITTINGS.



AIR TANK ASSEMBLY

2. LOCATE THE AIR TANK ASSEMBLY. INSTALL THE TANK TO THE LOCATION OF THE OEM HARDWARE REMOVED IN THE PREVIOUS STEP. ATTACH AIR TANK WITH (8) M16-2.0MM X 120MM FLANGE HEAD BOLTS, WASHERS AND LOCK NUTS.

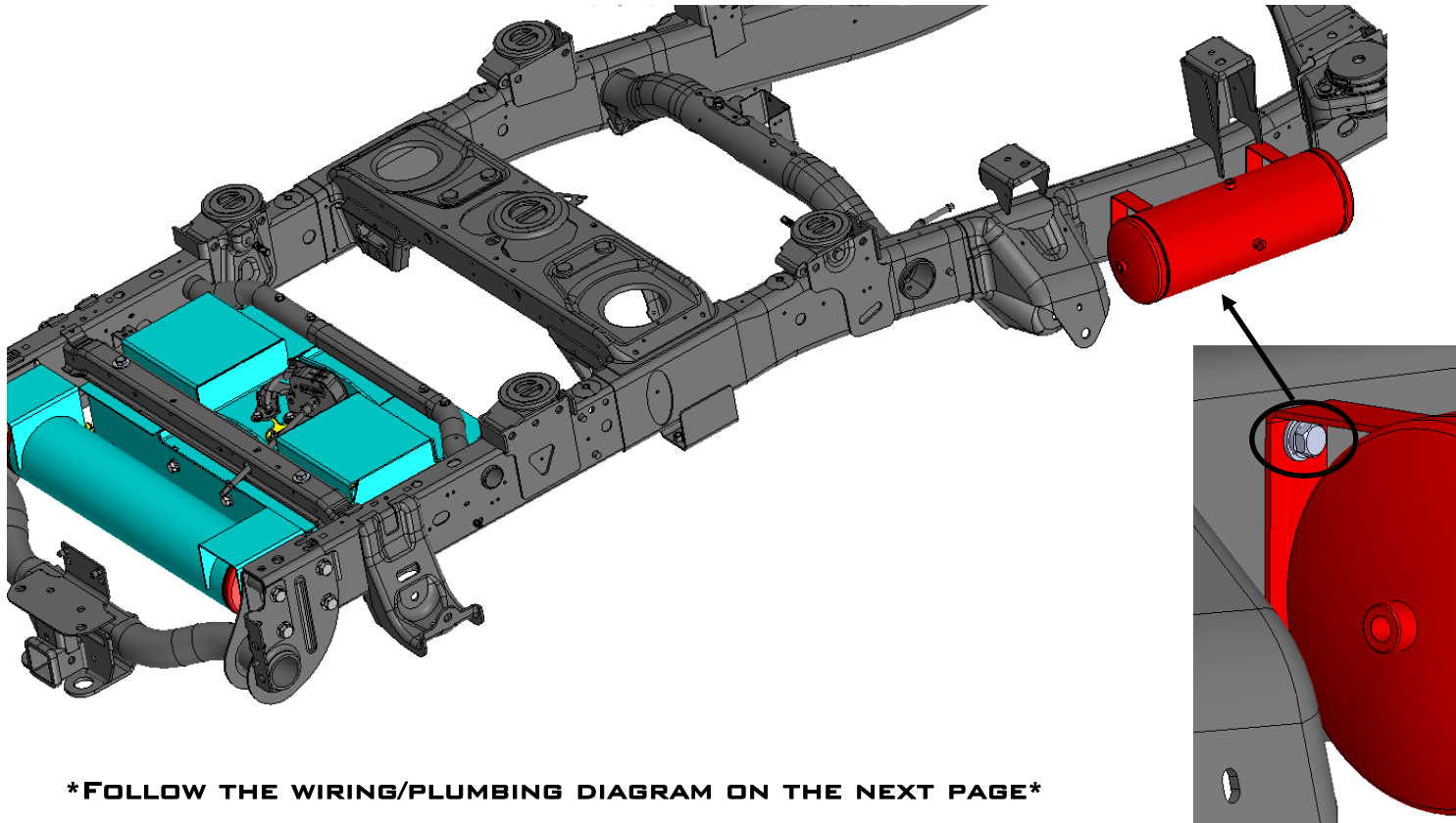


kelderman



AIR TANK ASSEMBLY

3. LOCATE THE 3 GALLON AIR TANK AND PLACE TANK ON THE SIDE OF FRAME IN THE LOCATION SHOWN BELOW AND MARK THE HOLES. DRILL THE HOLES WITH A 5/16" DRILL BIT AND TAP TO 3/8"-24. ATTACH THE AIR TANK TO THE FRAME WITH 3/8"-24 X 1" BOLTS, WASHERS AND LOCK WASHERS.

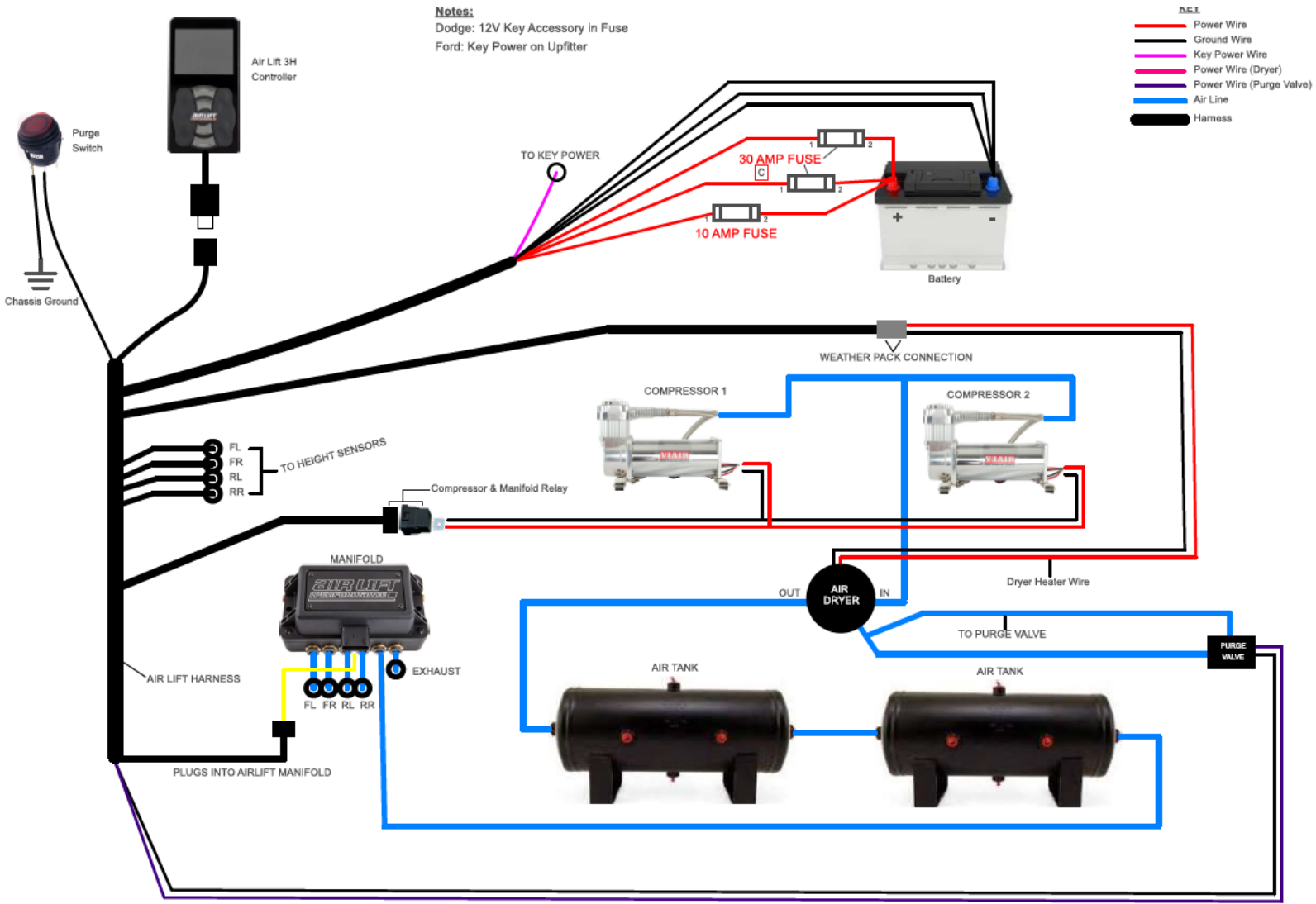


FOLLOW THE WIRING/PLUMBING DIAGRAM ON THE NEXT PAGE

kelderman



PLUMBING/WIRING
DIAGRAM



SPARE TIRE RE-INSTALL

FEED THE FACTORY SPARE HOLDER THROUGH THE CENTER OF THE WHEEL AND THEN USING THE WINCH TOOL, WINCH THE TIRE UP SO TIRE RESTS FIRMLY AGAINST THE BOTTOM OF THE CONTROLS BOX.



kelderman



NOTES



CONTACT INFORMATION



SCAN ME

SCAN QR CODE
FOR KELDERMAN
WARRANTY PAGE

KELDERMAN MANUFACTURING APPRECIATES YOUR BUSINESS. WE STRIVE TO MEET THE NEEDS OF OUR CUSTOMERS BY PROVIDING THE HIGHEST QUALITY PRODUCTS. IF YOU HAVE ANY QUESTIONS CONCERNING OUR PRODUCTS PLEASE CALL OR EMAIL US AT THE FOLLOWING:

**2686 HIGHWAY 92
OSKALOOSA, IOWA 52577**

**PHONE: 1-800-334-6150
EMAIL: INFO@KELDERMAN.COM**

SEE YOUTUBE PAGE FOR ADDITIONAL VIDEOS:

[HTTPS://WWW.YOUTUBE.COM/USER/KELDERMANTRUCKS](https://www.youtube.com/user/keldermantrucks)

kelderman

