



AA-4104

2018-PRESENT

JEEP WRANGLER (JL)

AIR SUSPENSION SYSTEM
INSTALLATION GUIDE



System
Overview



Product & Installation Overview 2

AccuAir® Suspension Limited Warranty 5

Included Parts 7

Required Tools 8

Wire Routing, Under Hood Fuse Box, GPS Speed Controller Routing & Plumbing Routing Diagrams 9

Wiring 17

Plumbing & Routing 36

Final Interior Installation 42

Front Installation 45

Rear Installation 61

Final Clearance Check & Torque Steps 75

Parts Appendix 78

Troubleshooting & Technical Support Back Cover



NOTICE TO THE INSTALLER:

This suspension system was developed using a 37x12.5x17 tire on a 17x9 wheel with -18 offset. Different wheel and tire combinations may be used but different tire manufacturers' designs may result in a tire width that could result in contact with the lower control arm and/or front sway bar link in a sharp turn. Please consult with your tire and wheel expert before purchasing. Also note that if wider tires are desired, offset wheels will be required. If there are any questions concerning the design, function, and correct use of our products, please call AccuAir Tech at 888-234-6698.

CONGRATULATIONS!

Your AccuAir® Jeep JL Air Suspension system reflects a unique solution to balancing enhanced off road terrain and obstacle clearance with everyday drivability and ride quality. The AccuAir® JL system features remote mounted seamless air tank, a quality compressor, mounts and all fittings necessary to replace your coil springs with ruggedly designed four corner air bags allowing you to select a ride height tailored to your off road adventures. Back on the road, a unique speed sensing value presets ride height to a maximum of 3.0” of lift (approx.), helping to preserve familiar ride comfort. Enjoy your AccuAir® JL system by Treading Lightly® and following all instructions and product safety messaging below. If you have further questions contact us at: sales@AccuAir.com. Our team is here to help.



WATCH THIS VIDEO FOR A COMPLETE SYSTEM OVERVIEW

A FEW WORDS ABOUT PRODUCT SAFETY

Before installation, please take a moment to review the following safety information and installation instructions. Important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:



WARNING:
Alignment must be performed at POSITION 2 immediately after installation.



NOTICE TO THE INSTALLER:
This suspension kit is installed differently than most suspension kits. We will have you install electrical and airlines first. Then you will install suspension system parts.



WARNING:
A hazardous situation which, if not avoided, could result in death or serious injury. You **CAN** be **killed** or **seriously hurt** if you don't follow instructions.



CAUTION:
A hazardous situation which, if not avoided, could result in minor or moderate injury. You **CAN** be moderately **hurt** and may also suffer property damage if you do not follow instructions.



PRODUCT & INSTALLATION OVERVIEW



NOTICE:

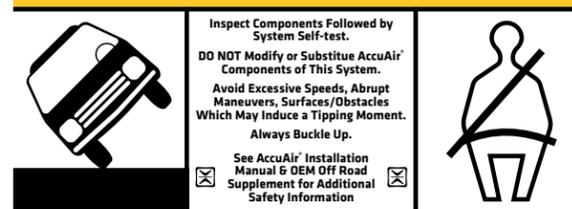
Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your AccuAir® product or other property may result if you don't follow instructions.

The suspension of this vehicle has been optimized for off road utility through installation of an AccuAir® system allowing control/adjustment of ride height to accommodate challenging terrain & obstacles. The suspension feel and handling may be different than an unmodified Jeep.

To reduce risk of roll-over other accident & serious injury always:

- Inspect components including bags, lines, valves & compressor before use, followed by system self-test. Maintain & repair as indicated. On road height limited to approx. 3.5" by system speed & ride height sensors. **REPLACE & DO NOT USE ON ROAD IF SPEED SENSOR DAMAGED/INOPERATIVE.**
- **DO NOT** modify or substitute AccuAir® components of this system. Use of oversize tire/wheel combinations may increase stopping distances, ride height and/or compromise performance of vehicle stability control and other systems.
- Avoid excessive speeds, abrupt maneuvers, and surfaces/obstacles which may induce a tipping moment. All occupants **BUCKLE UP & USE** supplemental restraints.
- Consult the AccuAir® installation manual (sales@AccuAir.com) & OEM off road supplement for additional safety information.

WARNING: SUSPENSION MODIFIED WITH VARIABLE HEIGHT AIRBAGS - HIGHER ROLLOVER RISK



Inspect Components Followed by System Self-test.
DO NOT Modify or Substitute AccuAir® Components of This System.
 Avoid Excessive Speeds, Abrupt Maneuvers, Surfaces/Obstacles Which May Induce a Tipping Moment.
 Always Buckle Up.
 See AccuAir® Installation Manual & OEM Off Road Supplement for Additional Safety Information

Affix warning decal on driver's side visor in clear view of all occupants.



CAUTION:

Risk of Eye Injury. Safety glasses, gloves & other personnel protection should be worn when working with this product.



NOTICE:

Never lower vehicle from rack or following inspection/repair without air bags being fully inflated.

- The drag link must be adjusted to center the steering wheel before the vehicle is driven. Failure to do so will cause computer errors, odd handling characteristics, and poor performance.
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Jeep dealer.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specification.

If you have any questions or reservations about installing this product, contact AccuAir Customer Service at 888-234-6698.

WARNING

CANCER AND REPRODUCTIVE HARM
WWW.P65WARNING.CA.GOV



WARNING:

Wheel setup with a minimum of 4.5" of back spacing is required with a maximum 9" wide wheel.



WARNING:

This advanced AccuAir® JL kit requires professional installation, with access to vehicle lift and experience with Jeep JL suspension, electrical wiring, Jeep maintenance recommendations, safety messaging, torque & other specifications, general repair safety including personal protection, vehicle rack safety, isolation and containment of OEM spring assemblies during removal.



WARNING:

Incorrect shock length will distort air bag placement and lead to burst or reduced service life. **ONLY** use front and rear shock absorbers included with this kit.

WHAT IS COVERED?:

Subject to the terms, exclusions and limitations herein, Arnott, LLC. (“Warrantor” or “AccuAir”) exclusively warrants to the initial retail purchaser of a AccuAir Jeep JL suspension kit that AccuAir will according to terms herein, repair defects in or replace AccuAir supplied components which, upon AccuAir inspection are determined to have defects in materials or workmanship existing as of the date of sale to the initial retail customer (hereafter “Customer”). This Limited Warranty is the sole and exclusive warranty made or authorized by Warrantor. This Limited Warranty is not a warranty or promise of any particular future performance.

The term of this Limited Warranty shall be three years as measured from the date of sale to initial Customer (the warranty “TERM”). Any claim under this limited warranty must be made within six months of the last day of the warranty TERM or will be forever waived. The duration of any implied warranty shall be limited to the three year term of express limited warranty above.

WHAT IS NOT COVERED?:

Your AccuAir **Limited Warranty does not cover:** (1) defect in a AccuAir air suspension kit or component causing or contributing to damage or defect, of any type whatsoever, to the vehicle it is installed upon or any electrical system or other vehicle system or component separately warranted or supplied by a manufacturer other than AccuAir, (2) damage to AccuAir components or your vehicle from altering or disabling any component of your vehicle or AccuAir product; additions, alterations, or other products or components not supplied by AccuAir, (3) installation or use contrary to professional installation recommendations, or other installation/use contrary to instructions and safety messaging included within your AccuAir product, (4) expected wear and tear on airbags and other components considering vehicle use, damage related to failure to adequately, install, inspect, maintain, adjust or service as recommended or required, damage resulting from improper suspension set-up, loading, accident, collision, vandalism, abuse, misuse, neglect, fire, flood, normal wear, defects in or degradation of finishes, reflecting corrosion, UV or other environmental influences (5), AccuAir, components used in competition, other off road use or events which may involve unforeseen vehicle components, suspension set ups, contact between vehicles, rocks or obstacles, other components of your vehicle and your AccuAir components, damage or degradation of performance, (6) *labor, lost time, lost use or opportunities, reasonable delays in remedies hereunder, other consequential, incidental, punitive or other damages or costs, including those incurred in removing, reinstalling or delivering your AccuAir component to AccuAir for inspection, repair or replacement.*

OBTAINING WARRANTY & CUSTOMER SERVICE:

Register your AccuAir Purchase. For questions or claims contact AccuAir Customer Service: **100 Sea Ray Drive, Merritt Island, FL 32953.** You will be asked to advise AccuAir in writing of your understanding of all defects and provide AccuAir an opportunity to repair or replace the affected component(s) subject to the terms of this Limited Warranty. Please have proof of purchase available.

REMEDY LIMITED TO REPAIR/REPLACEMENT BY ACCUAIR. BINDING, SINGLE CLAIM ARBITRATION-VENUE:

Upon Customer’s removal and delivery to AccuAir for inspection and AccuAir determination of a covered defect, *the exclusive remedy provided hereunder* shall at AccuAir’s option be repair or replacement of the defective AccuAir component(s). Your sole and exclusive remedy for breach of this Limited Warranty or any implied warranty imposed by law, is the reasonable costs for replacement parts necessary to correct the defect(s) upon which the finding of breach is based. *For separate, valuable consideration received; all claims arising from or related to purchase or use of AccuAir components shall exclusively be maintained as a separate action by each Customer applying Florida state law*

(without reference to treaties or conflict of law provisions) through binding arbitration before a neutral selected by Customer from the JAMS® panel closest to Merritt Island, Florida. To the extent permitted by law, each party shall bear its own costs and fees. Any claim to enforce an arbitration award or for other breach or damages under this Limited Warranty can only be brought in a court of competent jurisdiction closest to Brevard County, Florida.

OTHER EXCLUSIONS –LIMITATION OF DAMAGES - YOUR RIGHTS UNDER STATE LAW.

No employee, other agent of AccuAir or authorized reseller may, amend or waive this written Limited Warranty or make additional representations or warranties regarding any AccuAir features, performance, workmanship or materials. AccuAir reserves the right to make changes in design and changes or improvements upon its products without imposing any obligation on itself to install or upgrade the same upon products previously manufactured.

By installation and use of your AccuAir product, and/or submitting a claim under this **Limited Warranty**, you acknowledge that you have received and understand all product instructions, warnings and this **Limited Warranty** and agree to be bound by all terms therein, reflecting the exclusive terms and remedies of the parties bargain.

This Limited Warranty gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you. All other warranties are hereby disclaimed, except to the extent prohibited by applicable law.



DESCRIPTION	BOX #	PART #
Jeep JL Wiring & Plumbing Kit	1	20-19832
TouchPad Controller Assembly	2	20-18842
Jeep JL ECU Assembly	3	20-19829
Jeep JL Inflation Bracket Assembly	4	20-19828
Speed Module	5	20-19833
1/4" DOT Air Line	6	20-20540
Jeep JL Air Spring Kit	7	20-19826
Jeep JL Control Arm Kit Assembly	8	20-19831
Jeep JL Shock Kit	9	20-19827
Jeep Inflation Accessory Kit	10	20-19830

**FOR A FULL BREAKDOWN OF PARTS INCLUDED IN EACH BOX,
PLEASE REFER TO THE PARTS APPENDIX ON PAGE 72.**

SAE & SAE Hex Key Sockets/Wrenches

(5/32", 7/32" & 5/16" Hex Key Sockets, 7/16", 1/2", 9/16", 3/4", 13/16", 7/8" & 1-1/8")

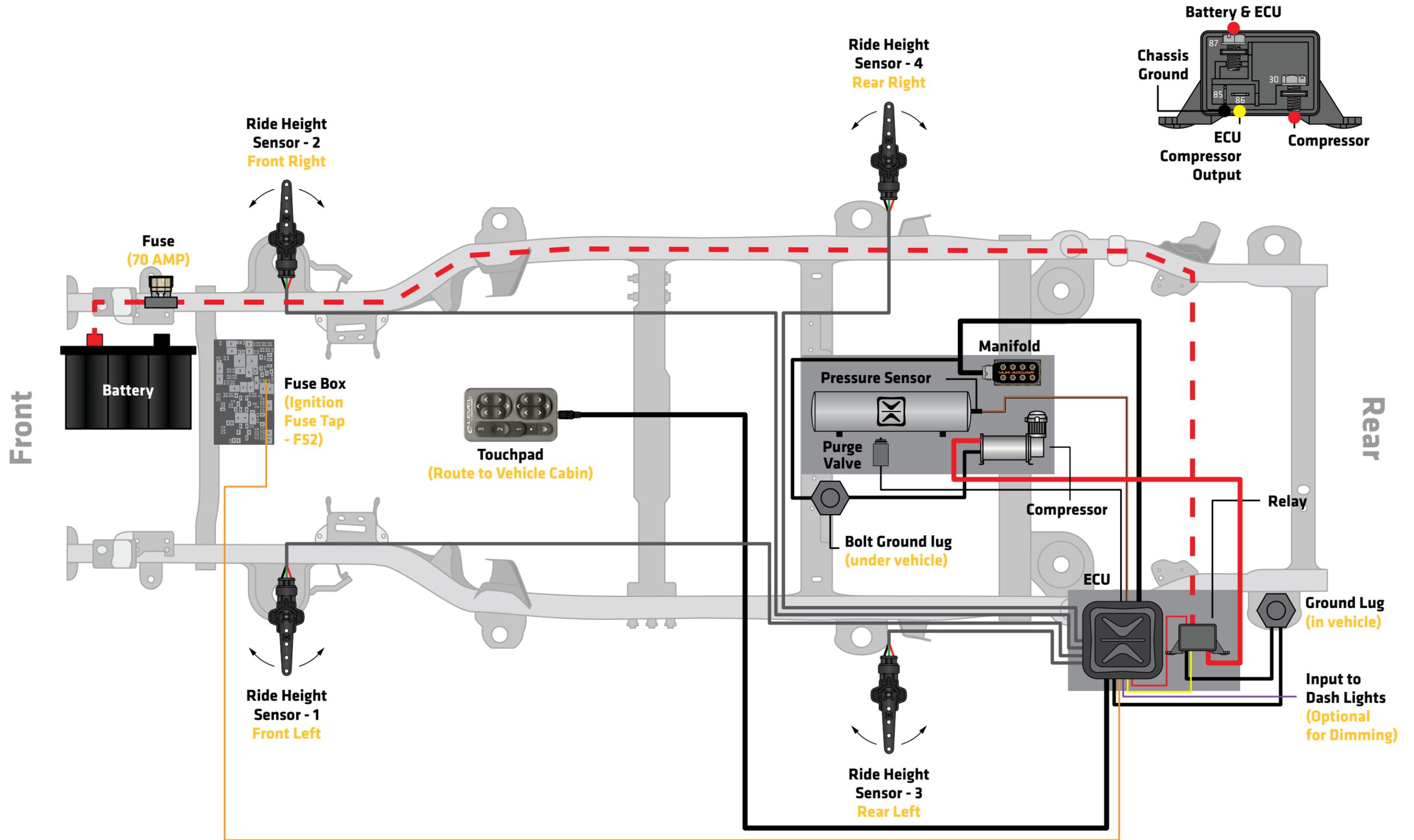
Metric & Metric Hex Key Sockets/Wrenches

(6mm Hex Key Socket, 8mm, 10mm, 13mm, 15mm, 18mm, 19mm, 21mm, 22mm & 24mm)

Allen Wrenches

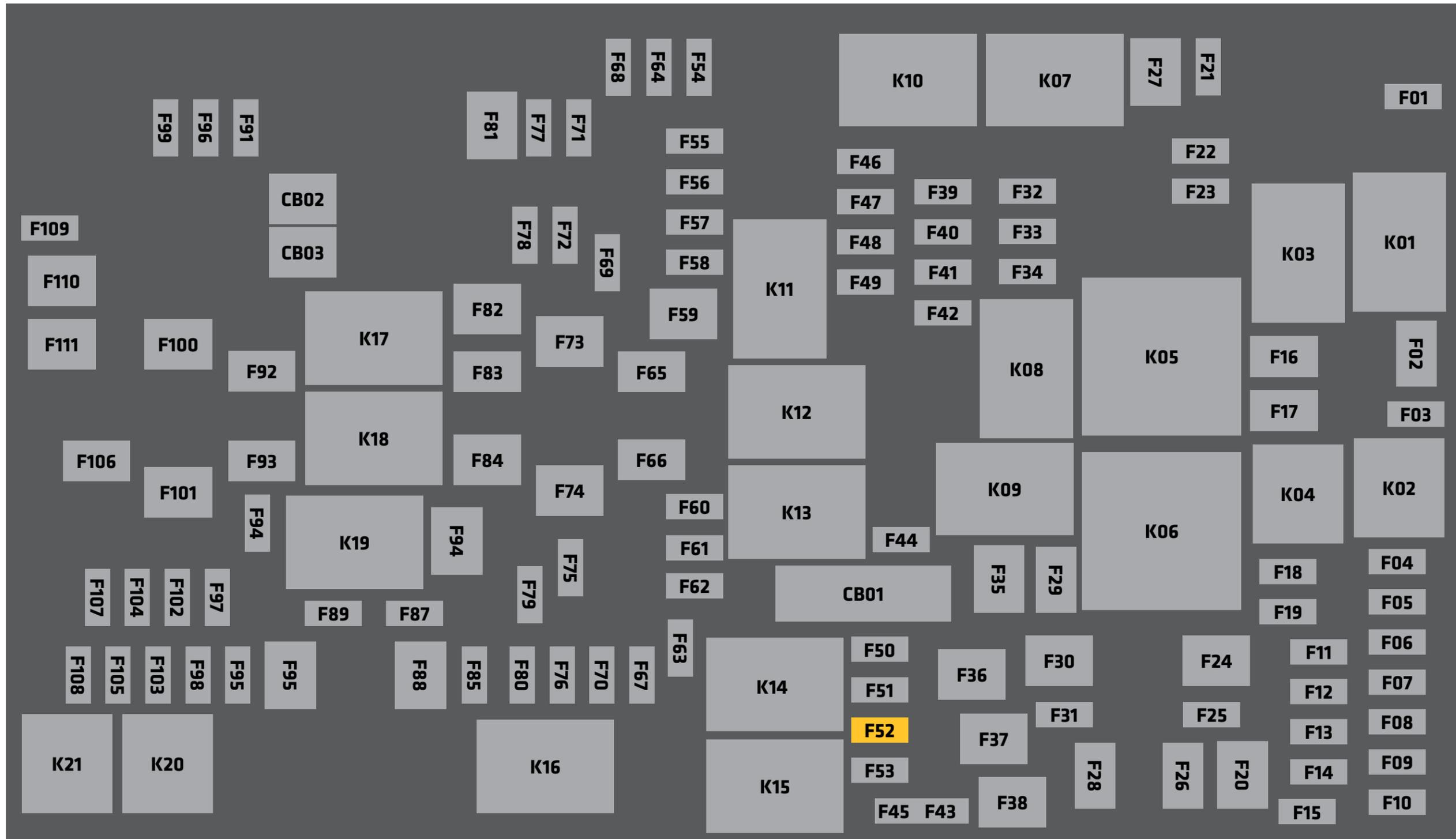
(4mm, 5mm & 6mm)

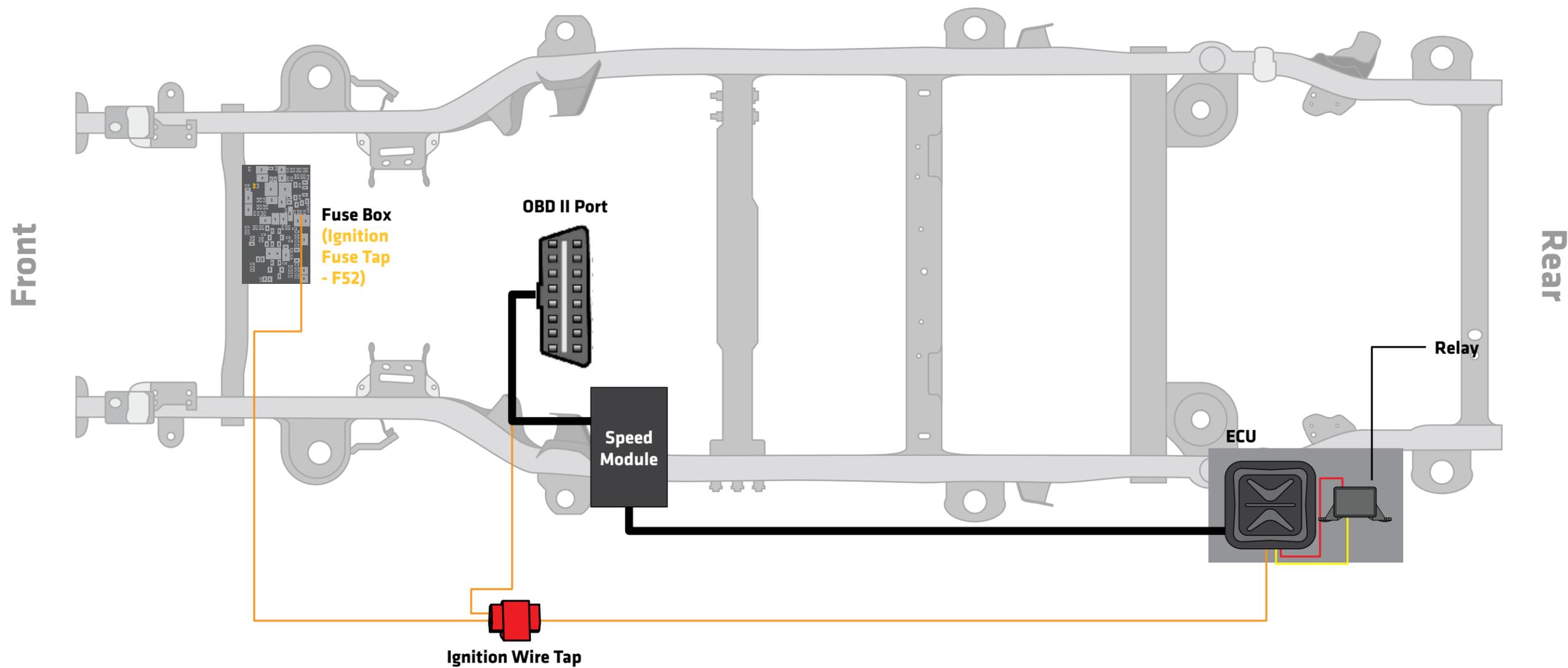
Measuring Tape**Safety Glasses****Wheel Chock****Blue Loctite****Jack Stands****Floor Jack****Pliers****Torque Wrench****Wire Brush****Wire Barrel Crimper****Wire Stripper****Heat Gun****T40 Torx Bit****Air Compressor****Rubber-Tipped Air Inflater****Rivet Nut Setter or Similar**

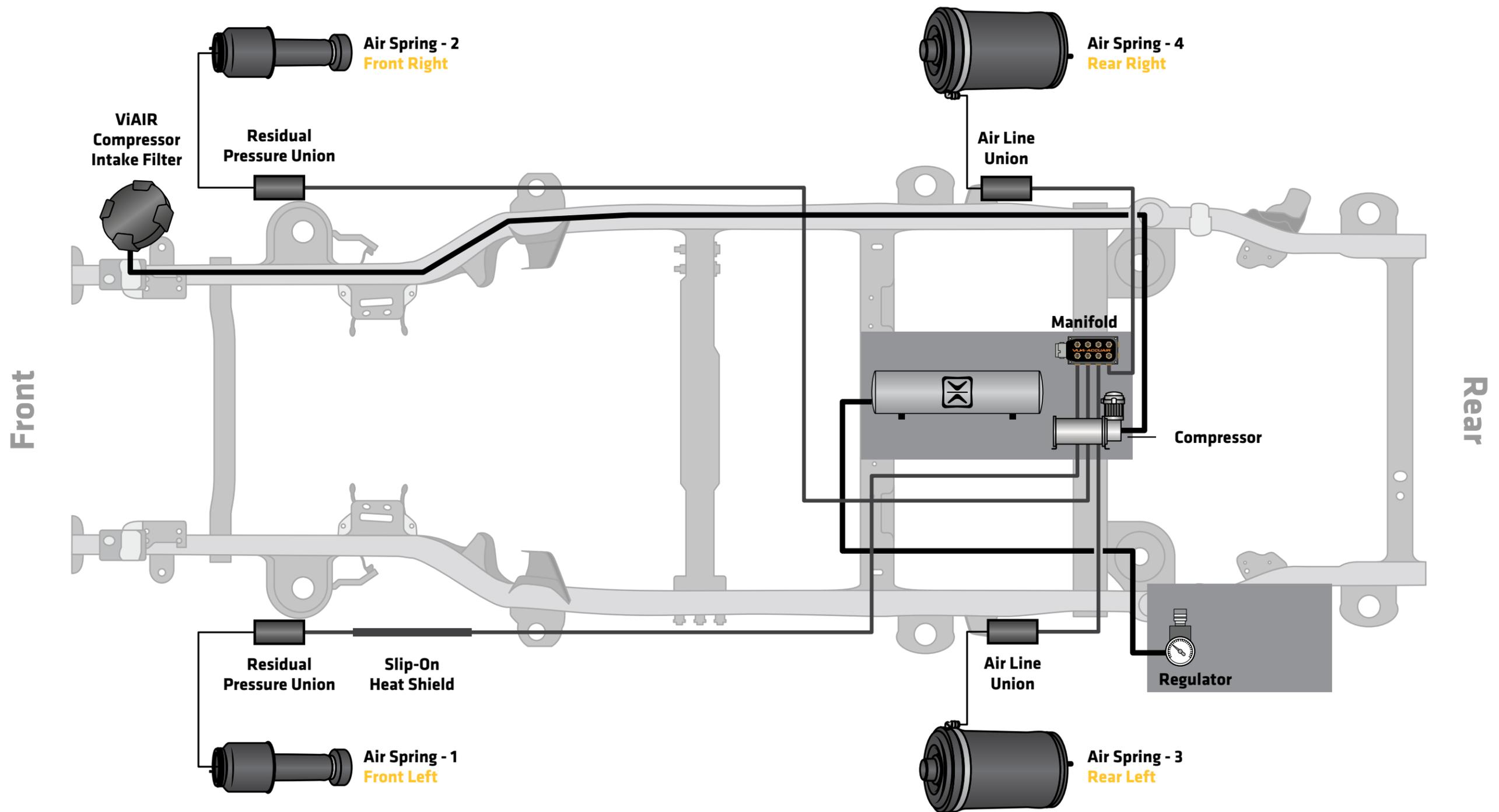




TAP INTO F52









1. Take the 6 gauge power wire with the 70 AMP fuse installed from the box labeled **Box 1**. (Figures 1, 2)
Lay the fuse holder on top of the battery and route remaining wire along the right side frame rail to the rear of the vehicle. **Do not connect to battery at this time.**



FIGURE 1



FIGURE 2

2. Remove the floor pan drain plug from underneath the center of the vehicle. (Figures 3, 4)



FIGURE 3



FIGURE 4



3. Install the provided rubber grommet (**Box 1, Bag 20-18283**) in the floor pan hole. (Figure 5)



FIGURE 5

4. Pull the ECU main harness plug, valve harness plug, compressor power cable, batter power cable, and height sensor harness plug (All found in **Box 1**) into the cab via the grommited floor pan hole. Run an end of the 1/4" air line for the pressure regulator into the cab via the grommited floor pan hole. (Figures 6, 7)



FIGURE 6



FIGURE 7

5. Inside the cab, move the front driver seat forward. Remove rear driver trim, and pull up the carpet. Gather and pull the wires, tubing, and ground connections up from the grommited floor pan hole. (Figures 8, 9)

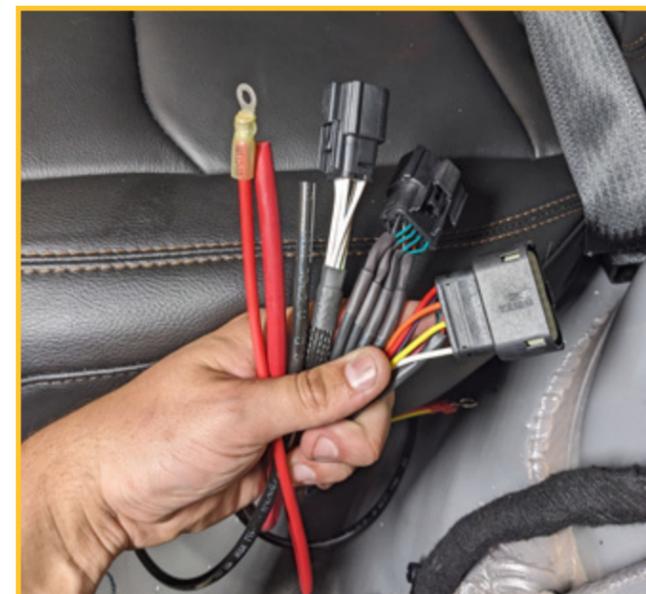


FIGURE 8



FIGURE 9



- 6. Open **Box 3** and remove the ECU assembly. Figure 11 shows the style of 2018-2023 models. Figure 12 shows the style of 2024 and later models. Set the ECU bracket in place to determine where to make the 3 cuts in the left side carpet.

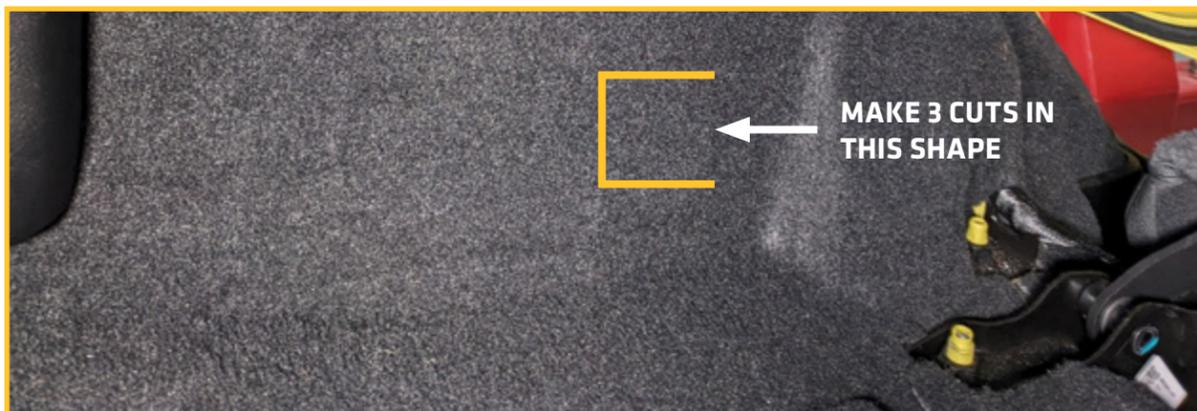


FIGURE 10



FIGURE 11



FIGURE 12

When installed, it will look like Figures 58 or 59.

- 7. With the left rear door open, push back the carpet, locate the threaded stud, and install ground rings for ECU, relay, and speed module cable ground wires. Use a wire brush on stud to clear residual paint. Secure rings on body grounding stud with standoff (**Box 1, Bag 20-20537**) with 13mm wrench. (Figures 13, 14)

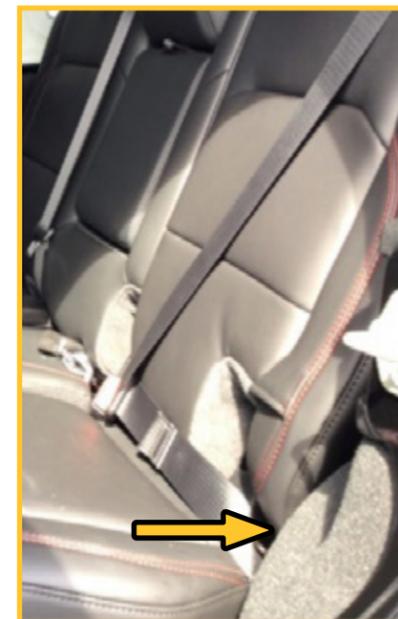


FIGURE 13

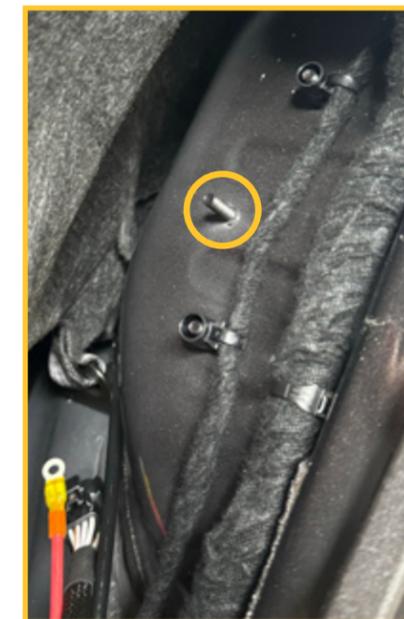


FIGURE 14

- 8. Slide a small length of heat shrink onto wire, crimp copper ring terminal onto battery cable, making sure to leave enough slack to reach the left front part of the cargo area, then use a heat gun or similar to shrink the tubing. (Use the ring terminal with **flat sides**.) (Found in box **Box 1, Bag 20-18283**) (Figure 15)

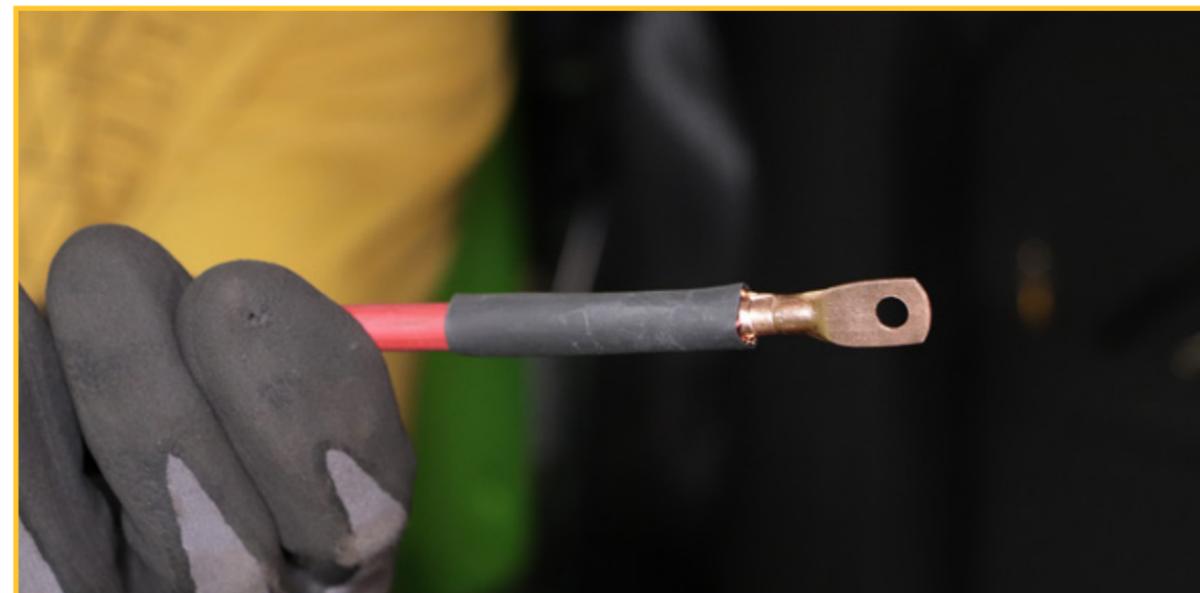


FIGURE 15



- 9. Gather all wire harnesses, the 1/4" air tubing, and the TouchPad cable (white connector - Found in **Box 2**) (Figure 17). Then, run them under the carpet along the wheel well curve to the left rear cargo area. Pull them through the slit in the carpet. (Figure 16)

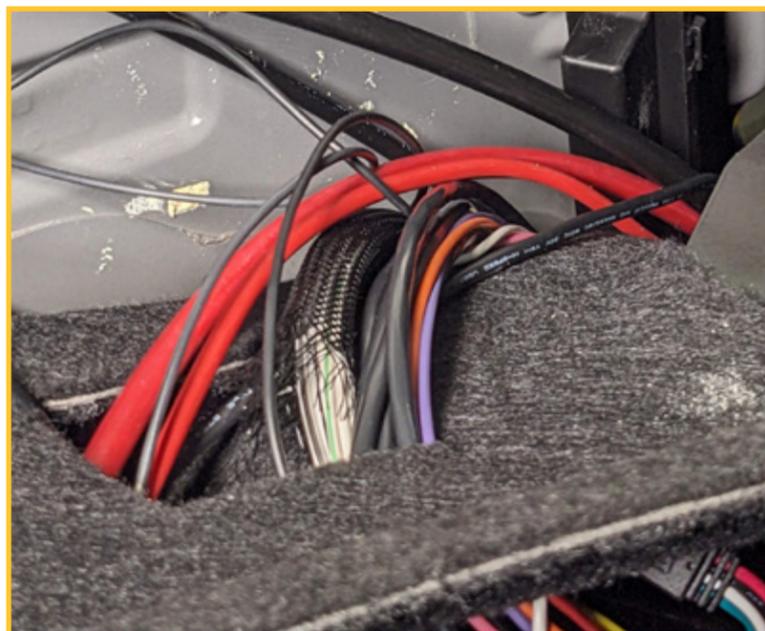


FIGURE 16

- 10. Make electrical connections to the back of the ECU assembly as shown below. Refer to relay diagram to make relay connections. (Figures 18, 19)

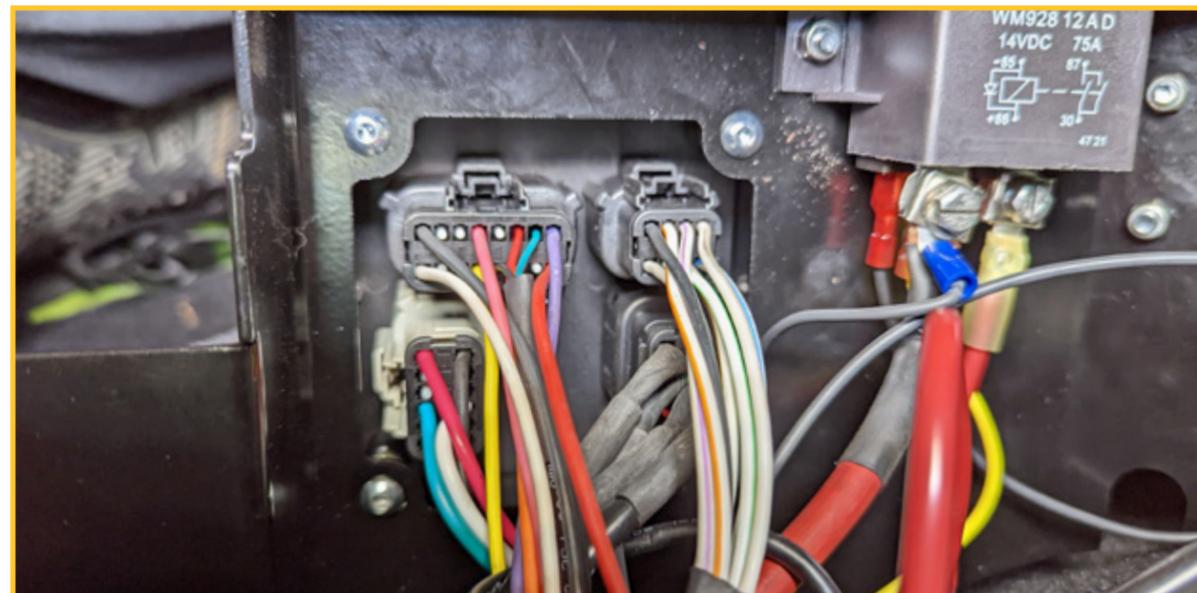


FIGURE 18



FIGURE 17

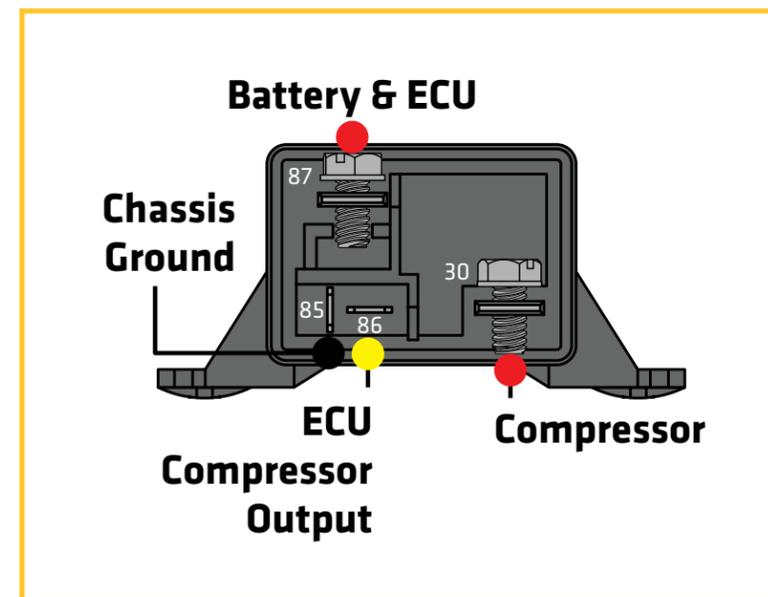


FIGURE 19



- 11. Run the orange ignition wire from the ECU and the black 2-pin connector under the driver side kick panel toward the driver floorboard. (Figure 20)

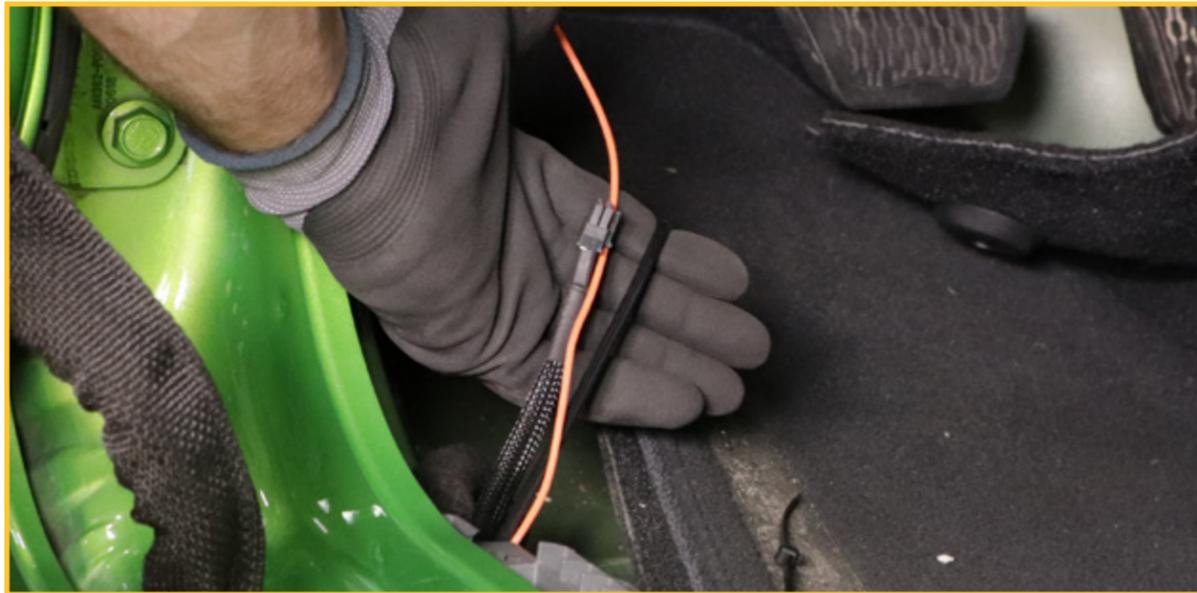


FIGURE 20

- 12. Route the orange ignition wire from the driver side kick panel up to the fuse box under the hood on the passenger side. (Figure 21)

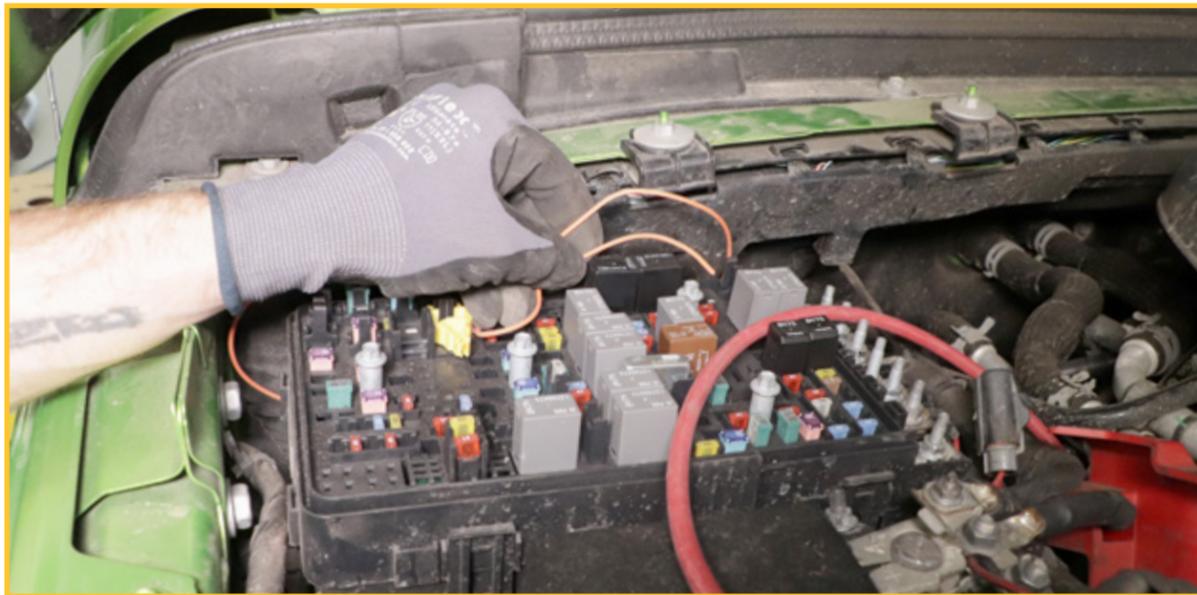


FIGURE 21

- 13. Crimp the orange ignition wire to the fuse tap provided in **Box 1, Bag 20-18283**. Extract 10 or 20 AMP fuse from **F52** and place on bottom position of the fuse tap. Pull the spare **5 (or 10) AMP** fuse and position in top slot of the fuse tap. (Figure 22)

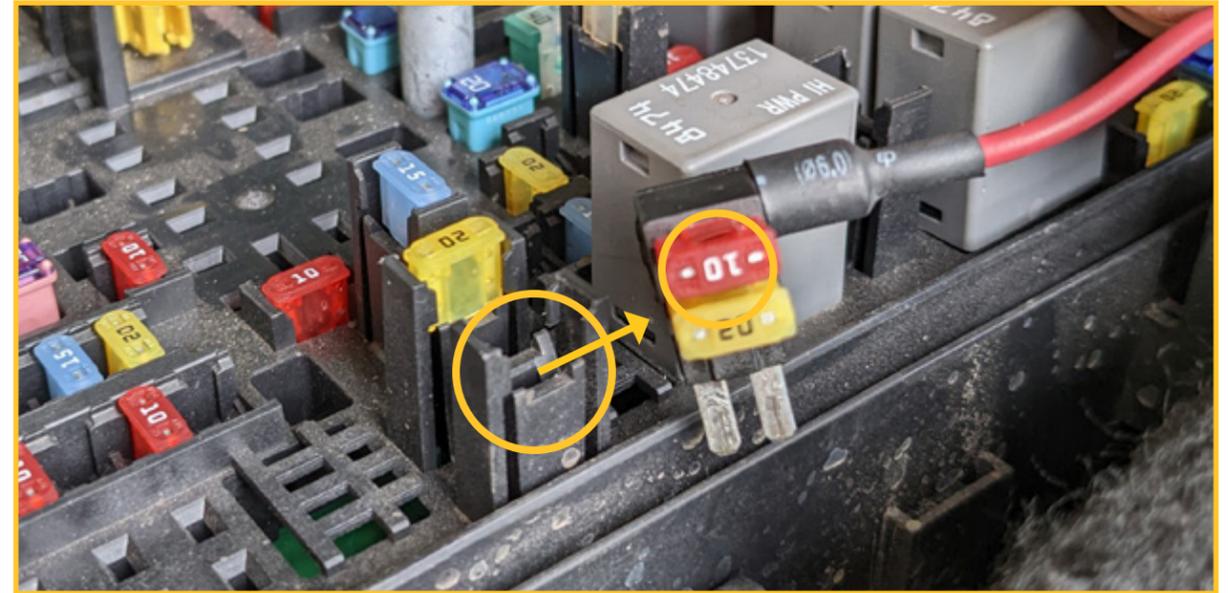


FIGURE 22

- 14. Remove the fuse in position (**F52**) and install the fuse tap. (Figure 23)

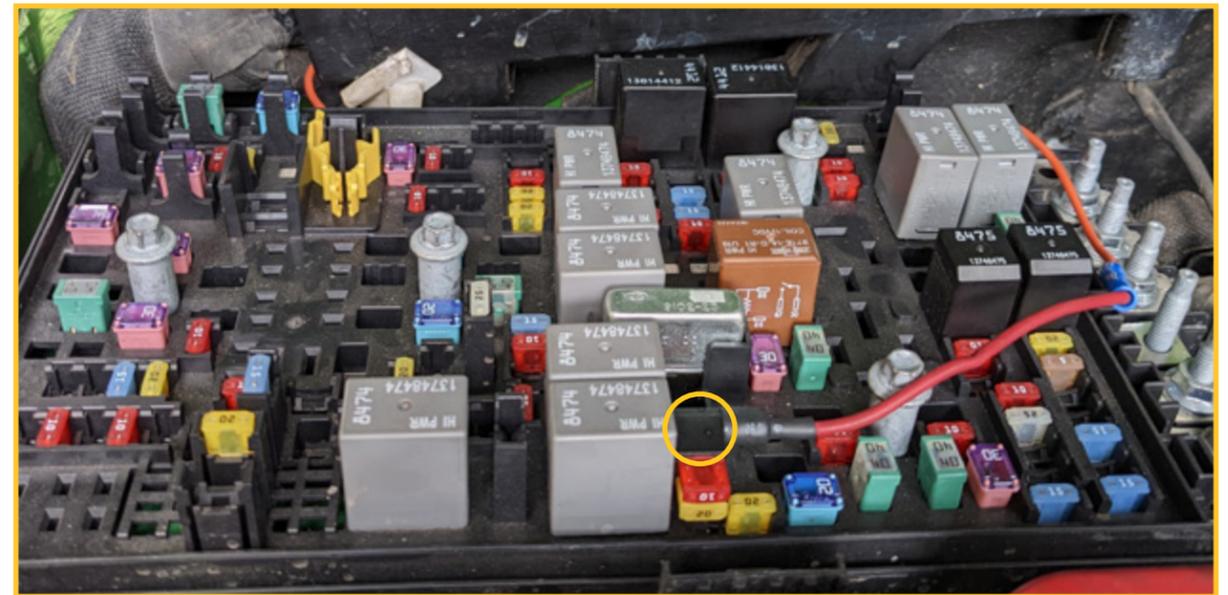


FIGURE 23



- 15. Install the speed module using hardware from the box labeled **Box 5**. The supplied speed module must be installed to allow full functionality of the system. View video using QR code to the right for installation process, or use the following instructions.



SPEED MODULE VIDEO

- 16. Connect the HDMI connector to black box and the female OBD2 connector to the male end of the Y-Cable with the flying gray lead. See below. (Figure 24)



FIGURE 24

- 17. Bring the harness assembly to the driver's side kick panel. Connect the black 12-pin Molex to the black box. (Figure 25)



FIGURE 25

- 18. Unhook the male OEM CAN bus connector from under the driver's side and connect to the female end of the Y-Cable. (Figures 26, 27)

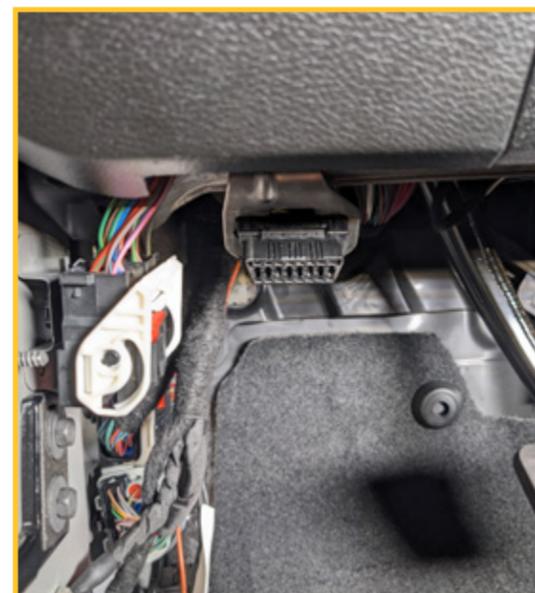


FIGURE 26

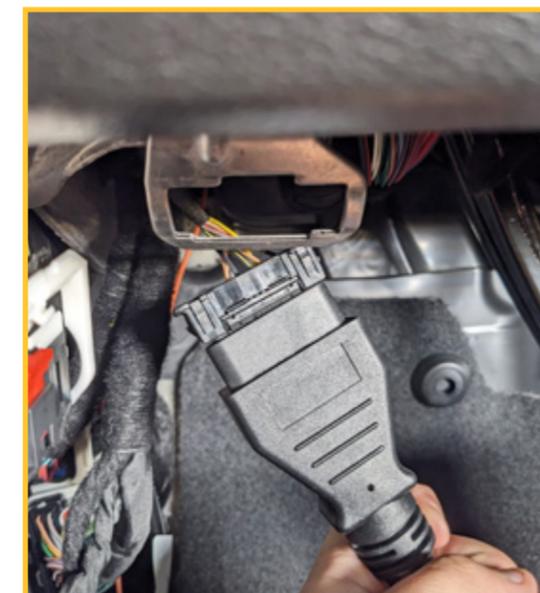


FIGURE 27



19. Take the remaining male CAN bus connector from the Y-Cable and locate it in the OEM CAN bus bracket. (Figures 28, 29)



FIGURE 28



FIGURE 29

20. Locate the T-tap in **Box 1, Bag 20-18283**, install on the orange ignition wire near the driver's side kick panel and connect the gray flying lead wire from the CAN bus Y-Cable. (Figures 30, 31)

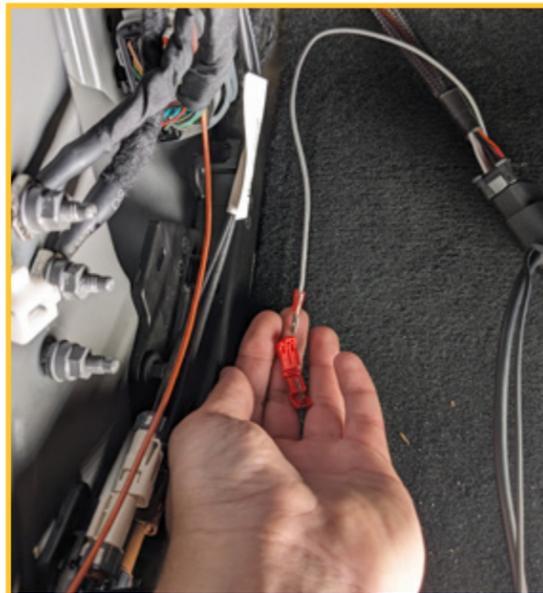


FIGURE 30

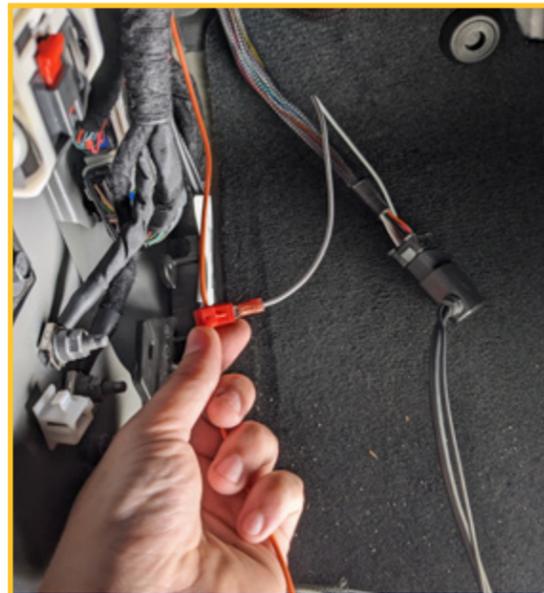


FIGURE 31

21. Route the two-wire cable from the driver's side kick panel through the center console to the passenger side glove box. (Figures 32, 33)

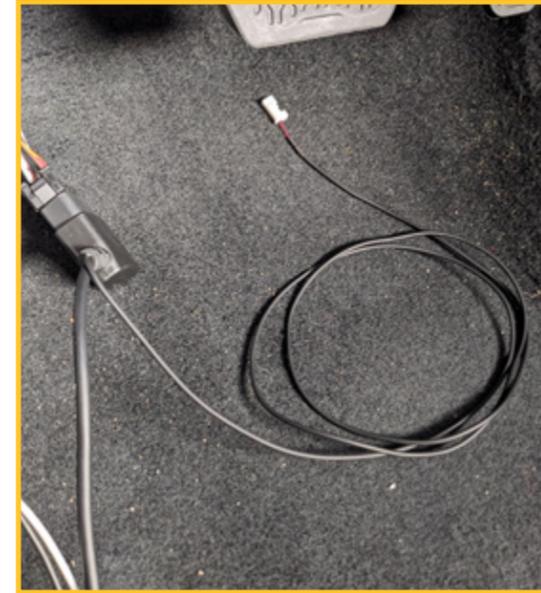


FIGURE 32



FIGURE 33

22. Remove the glove box by pressing on the plastic live latch. (Figures 34, 35)



FIGURE 34

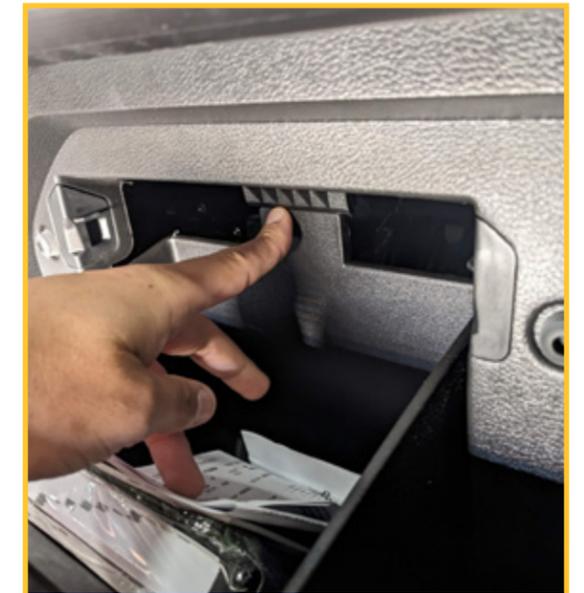


FIGURE 35



23. Take the two-pin wire and connect it into any open position on the green communication bus. (Figures 36, 37)

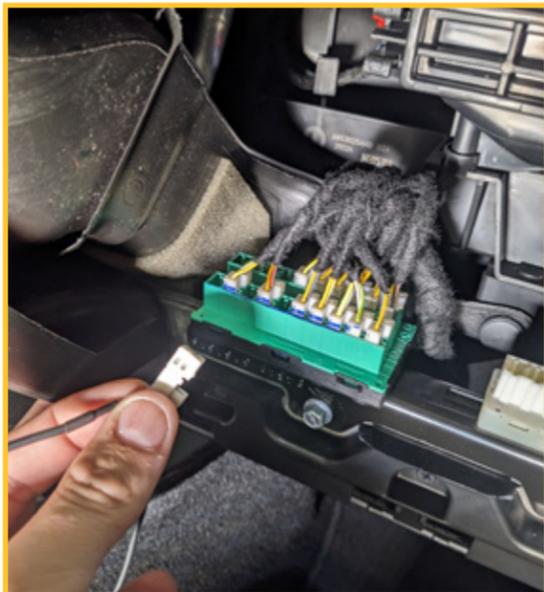


FIGURE 36



FIGURE 37

24. Locate the inflation bracket (found in **Box 4**) and mounting hardware, qty 2 M8 button head screws with washers, and qty 2 M12 bolts with washers (Hardware found in **Box 4, Sub-box 20-20807, Bag 20-20806**). (Figures 38, 39)



FIGURE 38

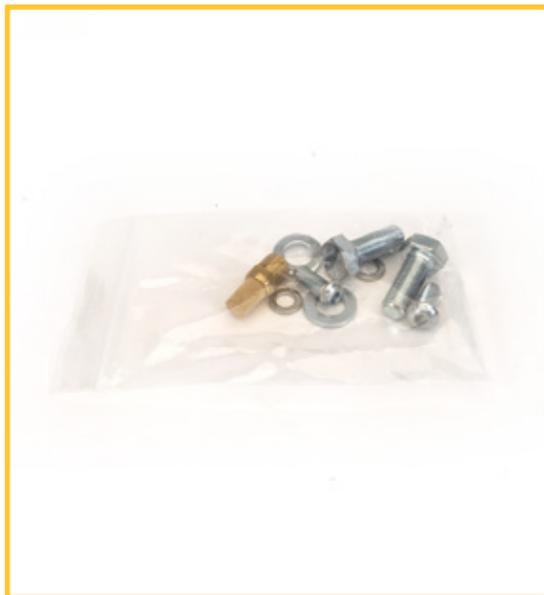


FIGURE 39

25. Install the inflation bracket to the frame underneath the vehicle using the provided mounting hardware. The tank will face forward toward the engine bay, while the compressor and VU4 valve block will face the rear of the vehicle. Use a 19mm wrench/socket on the hex bolt and a 5mm button wrench on the Allen head. (Use Blue Loctite when installing the fasteners.) (Figure 40)

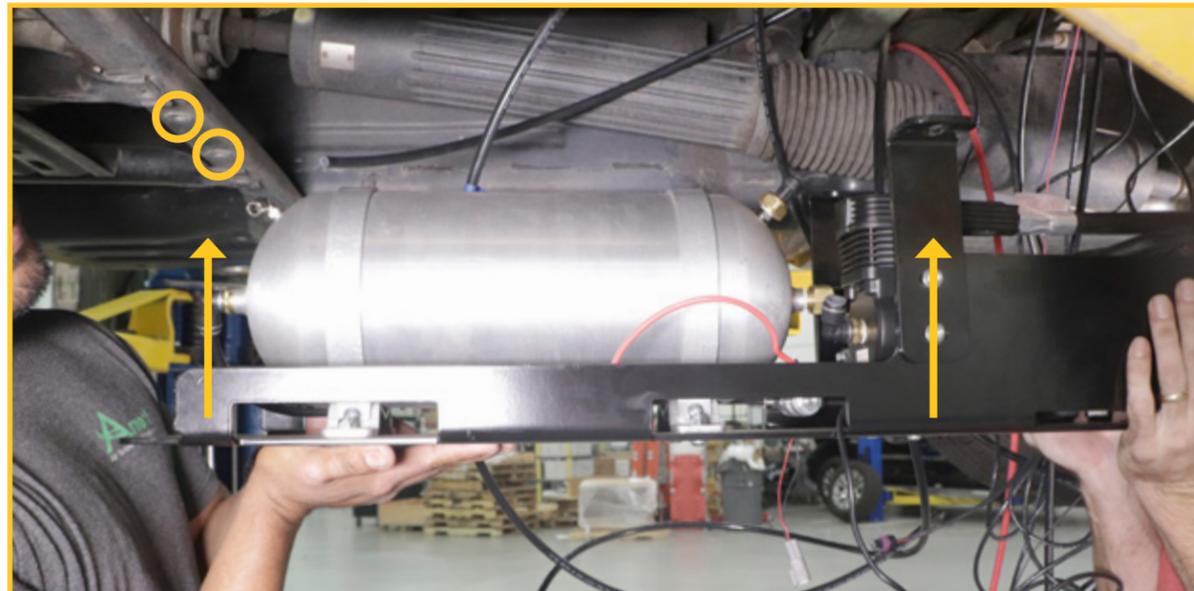


FIGURE 40

NOTE: Some 2024+ models do not have a factory rivet nut for mounting this bracket (see circled examples). Use rivet nuts supplied in **Box 4, Sub-box 20-20807** or MOPAR number 6511062AA (Figure 41).



FIGURE 41



26. Feed the compressor power cable up through the floor drain hole and connect to the 2-pin connector (see Figure 42).

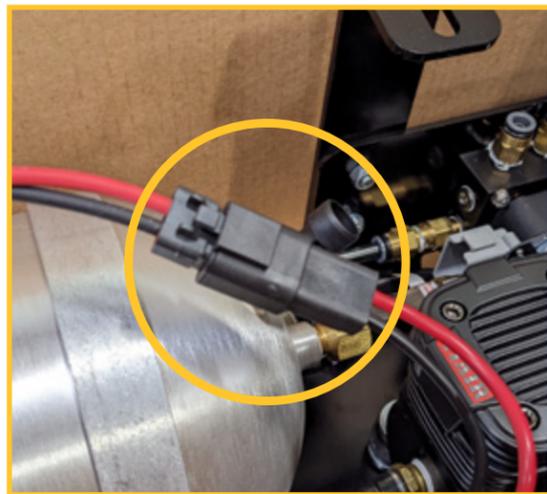


FIGURE 42

27. Underneath the vehicle on the bracket, connect the VU4 harness. (Figure 43)

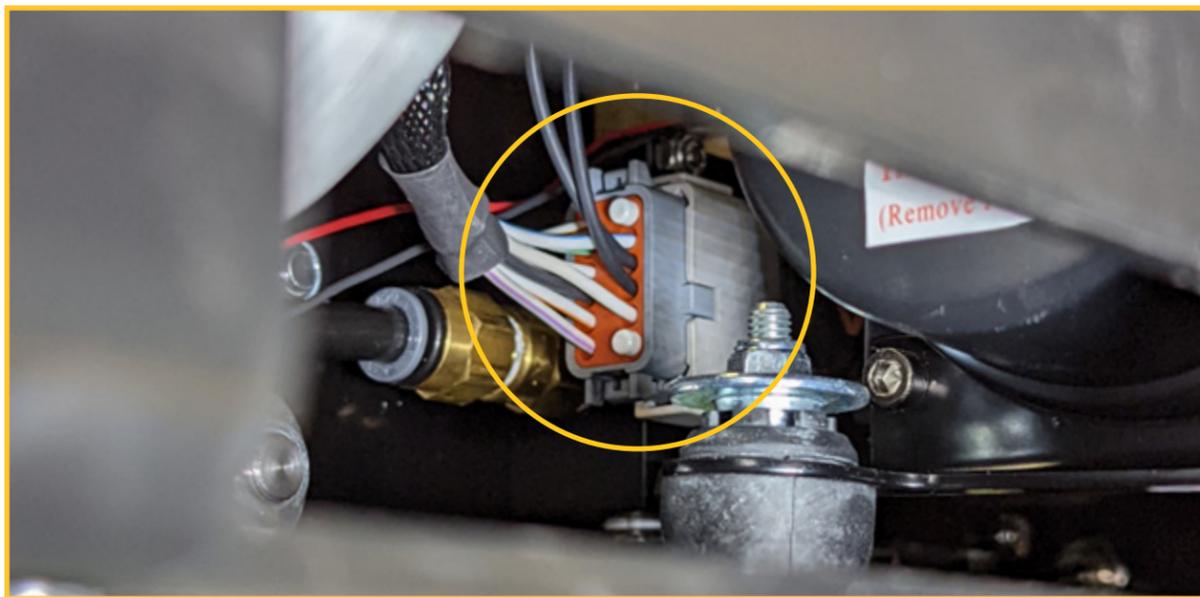


FIGURE 43

28. Connect the purge valve using the small 2-pin connector. (Figure 44)

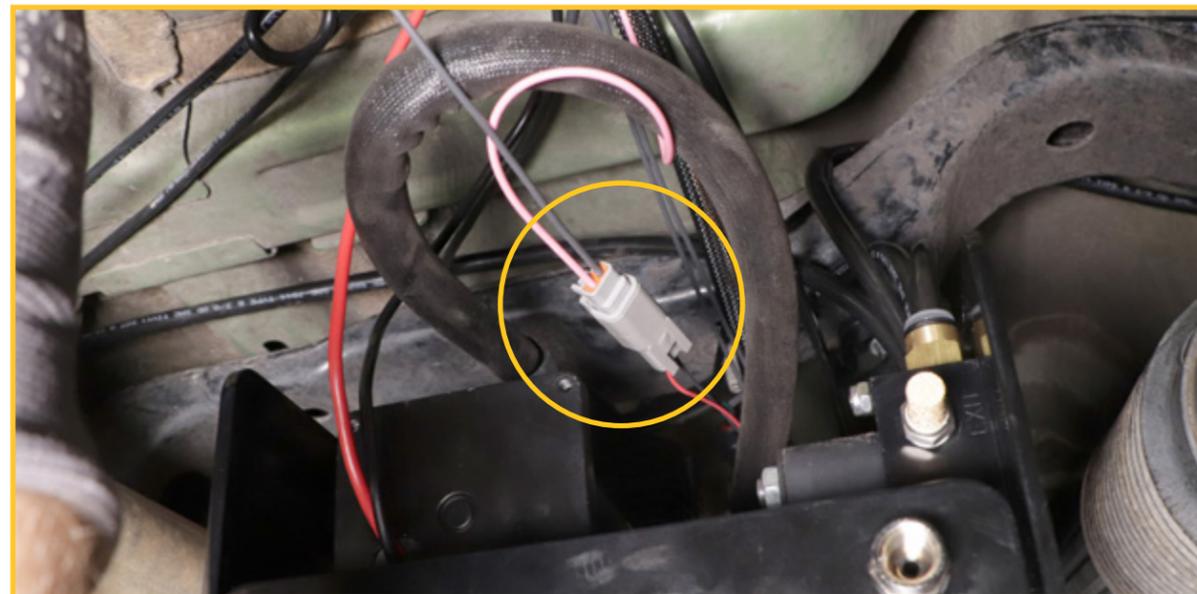


FIGURE 44

29. Connect the 3-wire pressure sensor. (Figure 45)

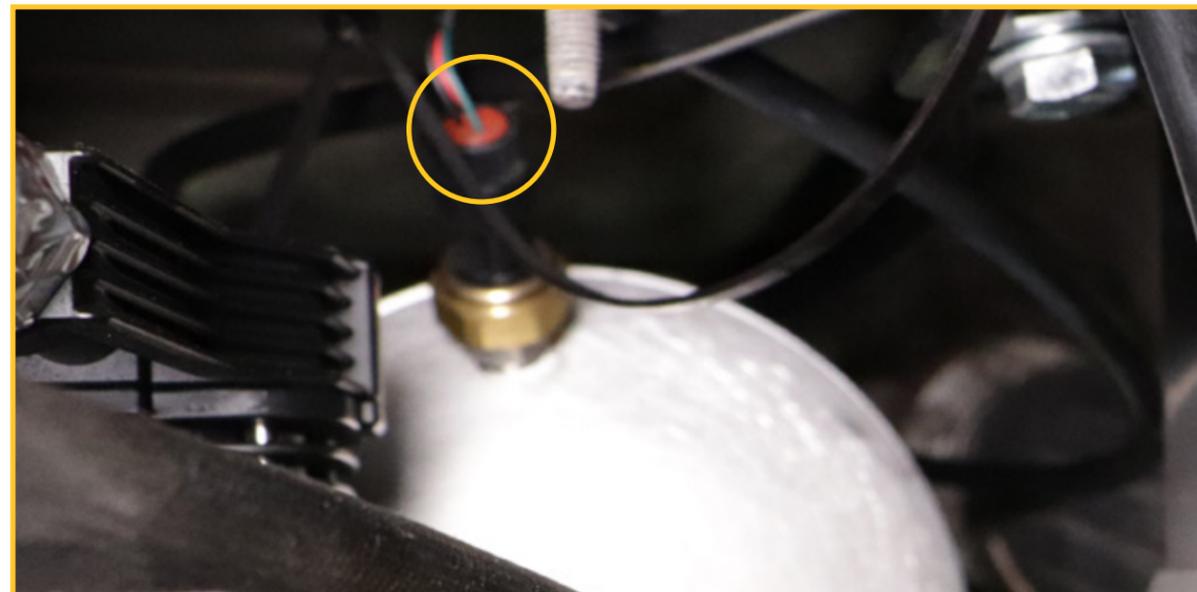


FIGURE 45



- 30. Connect ground ring terminals for valve harness, compressor, and purge valve to the under-body ground lug. A nut is provided for this. (Figure 46)
If ground lug is not present on your Wrangler, a bolt is provided and is to be placed in the circled threaded hole. (Figures 47, 48)



FIGURE 46

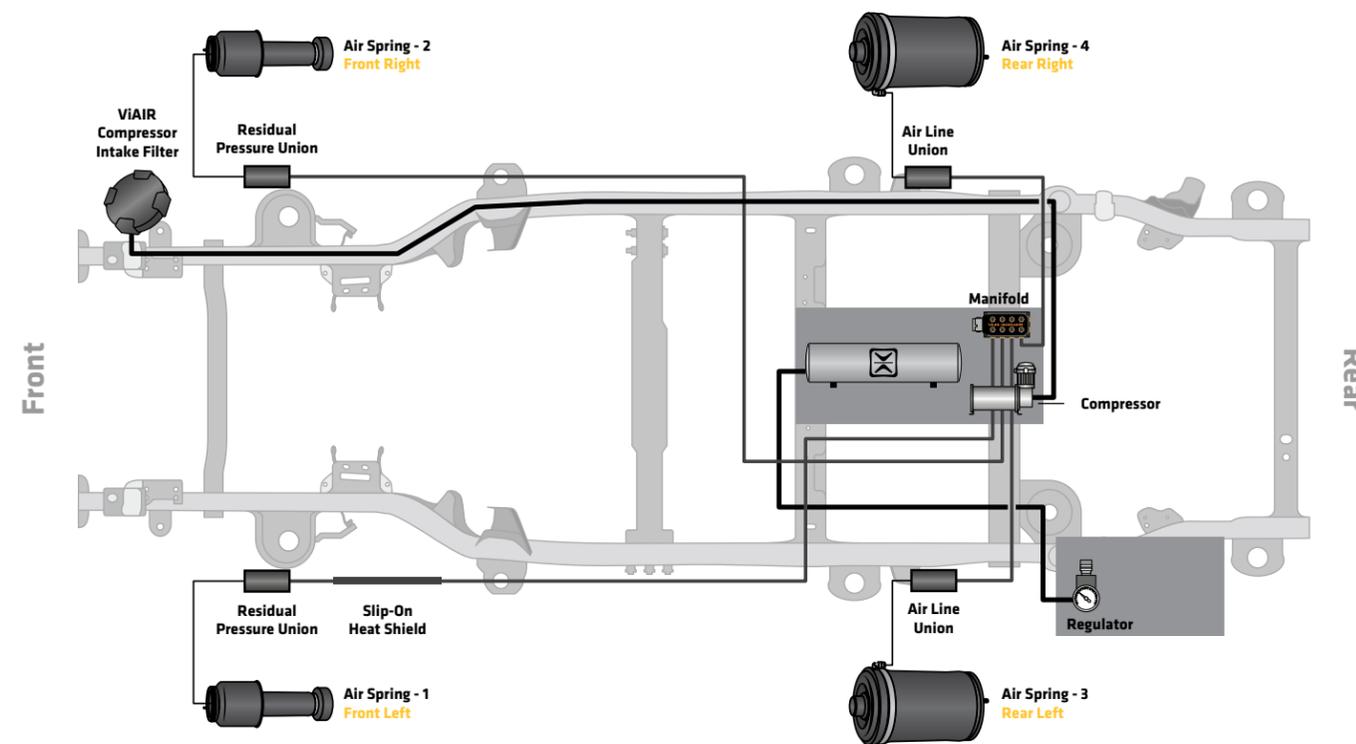


FIGURE 47



FIGURE 48

- 1. Plumb air lines according to the diagram below. Use 1/4" OD air line from **Box 6**. Slip the 36" section of heat-resistant sleeve found in **Box 1** over the left front air line behind the Residual Pressure Union as shown. This sleeve protects the air line from exhaust heat.



PRO TIP: After running air lines, snip a small amount off each end. This will guarantee a straight, clean surface which will help prevent leaks in push-to-connect fittings.



- 2. Make VU4 connections as shown. Note the port to corner association with Figure 22 and plumbing diagram. (Figure 49)



FIGURE 49

- 3. Connect 1/4" regulator air line to elbow on the front of the tank. (Figure 50)



FIGURE 50

- 4. Trim and attach 1/4" air line to regulator. (Figure 51)

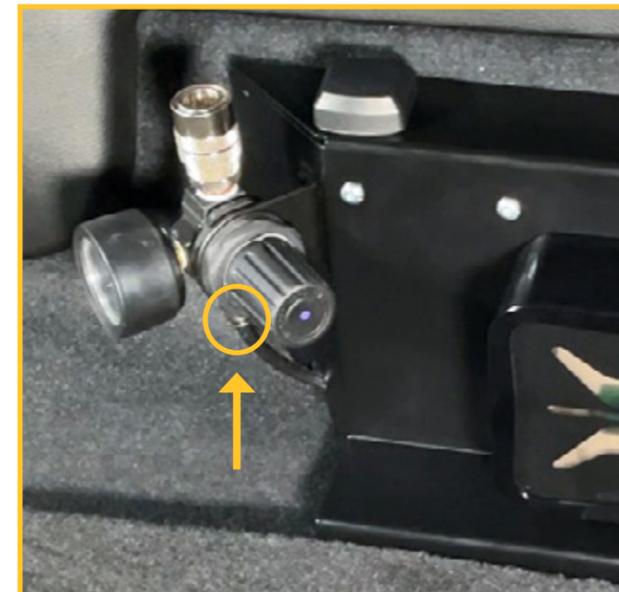


FIGURE 51

- 5. Install intake filter found in **Box 4, Sub-box 20-20807** near engine intake in the front passenger side under the hood. Connect 3/8" air line found in **Box 1**. (Figure 52)



FIGURE 52



6. Route the intake line back to the compressor. (Figure 53)

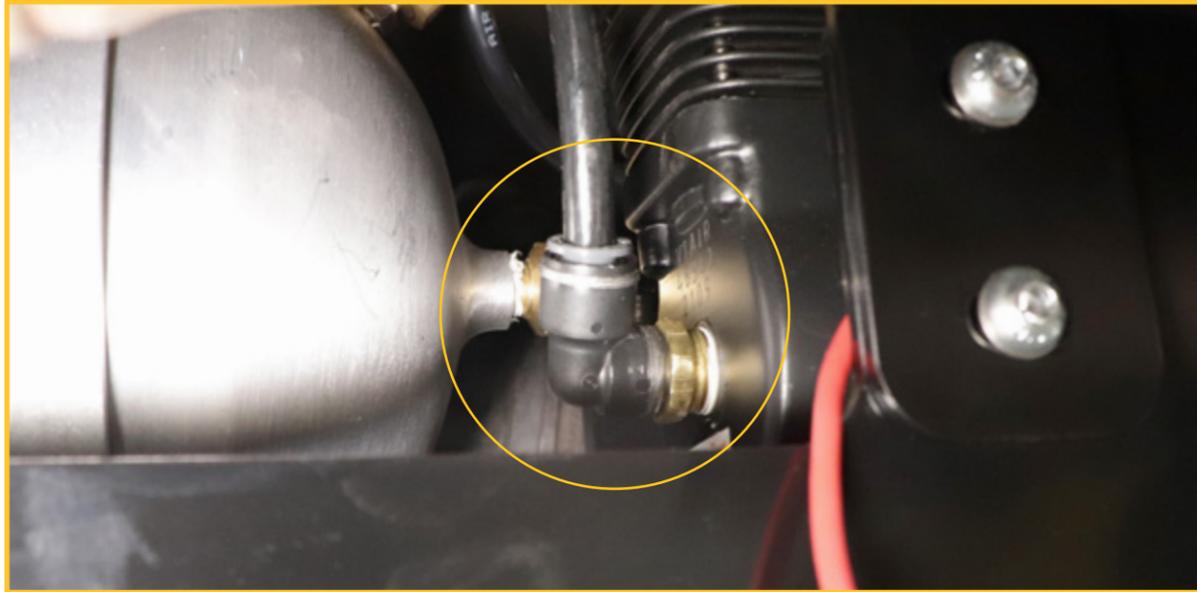
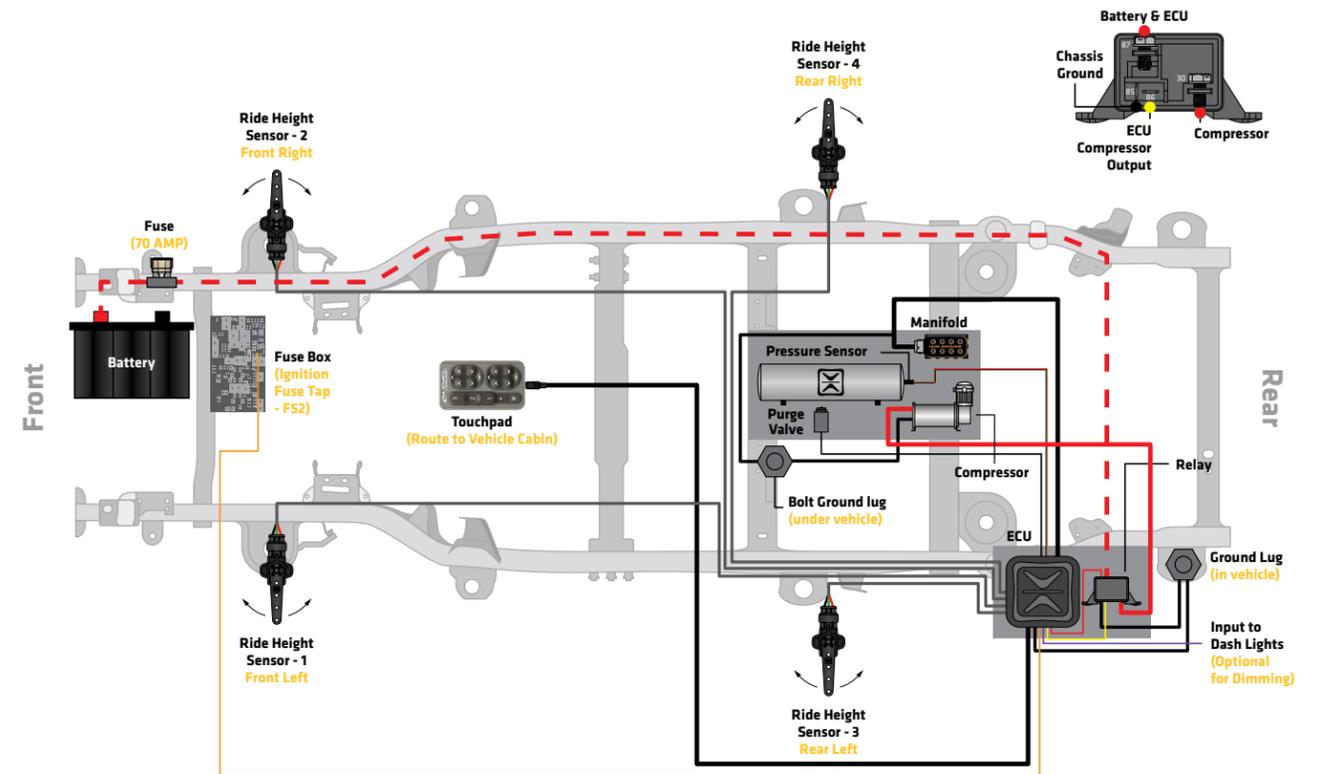


FIGURE 53

7. Route height sensors (found in **Box 1**) to wheel wells according to the diagram below. Ensure harness numbers are going to the correct corners "1, 2, 3, and 4".





- 8. Next, locate the TouchPad user interface where you want it to be in the vehicle (typically near center console). A magnetic TouchPad mount is included in the kit for your convenience, if you choose to use it. Ensure the cable is routed appropriately for your chosen location. (Figure 54)



FIGURE 54

- 1. Remove the rear cargo left-side trim piece by removing 3 fasteners using a T40 wrench/socket. (Figures 55, 56)



FIGURE 55

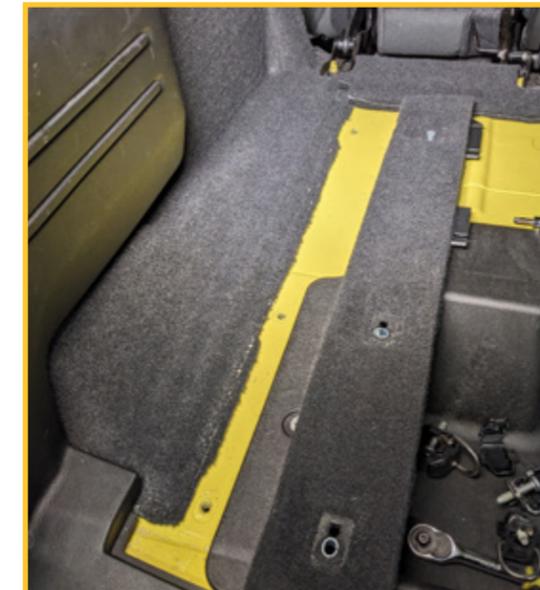


FIGURE 56

- 2. Locate ECU bracket (**Box 3**) with the mounting hole over the first hole (closest to the front of the vehicle) (Figure 57) reinstall trim piece and fasteners, make sure to put the fastener on the front hole though the though hole in the ECU bracket. (Figure 58)



FIGURE 57



FIGURE 58



3. When completed, ECU bracket should look as shown. (Figures 59, 60)



FIGURE 59
(2018-2023 Models)



FIGURE 60
(2024-Present Models)



FIGURE 63

4. Hook up the main power by terminating the short leg of the power cable (Ring terminal found in **Box 1, Bag 20-18283**). Remove the 70 amp fuse from the holder. Connect to the battery. Then, reinstall the 70 amp fuse. (Figures 61, 62, 63)



FIGURE 61

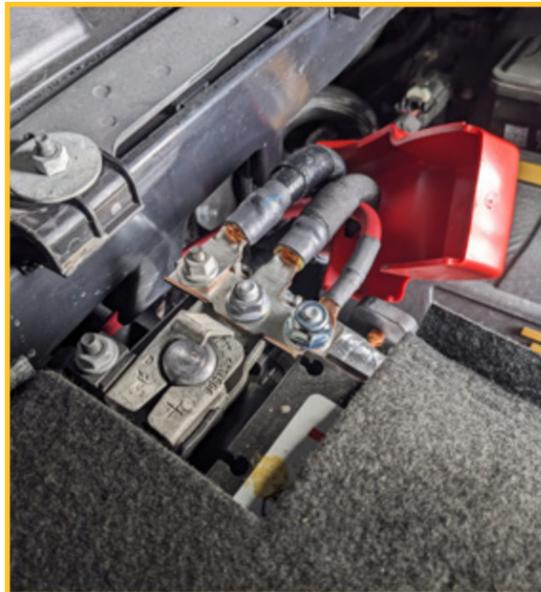


FIGURE 62



FRONT INSTALLATION

1. Ensure the vehicle is on flat, level ground. If you do not have a lift or four jack stands set the parking brake, chock rear tires/wheels, and raise the front of the vehicle.
2. Support the frame rails at lift points indicated in OEM service manual.
3. Remove the front tires/wheels using a 22mm socket.
4. Remove OEM front sway bar end links using a 6mm hex key socket/wrench & 18mm socket/wrench. (Figure 64)



FIGURE 64

5. Disconnect OEM front track bar from frame using a 21mm socket/wrench. (Figure 65)

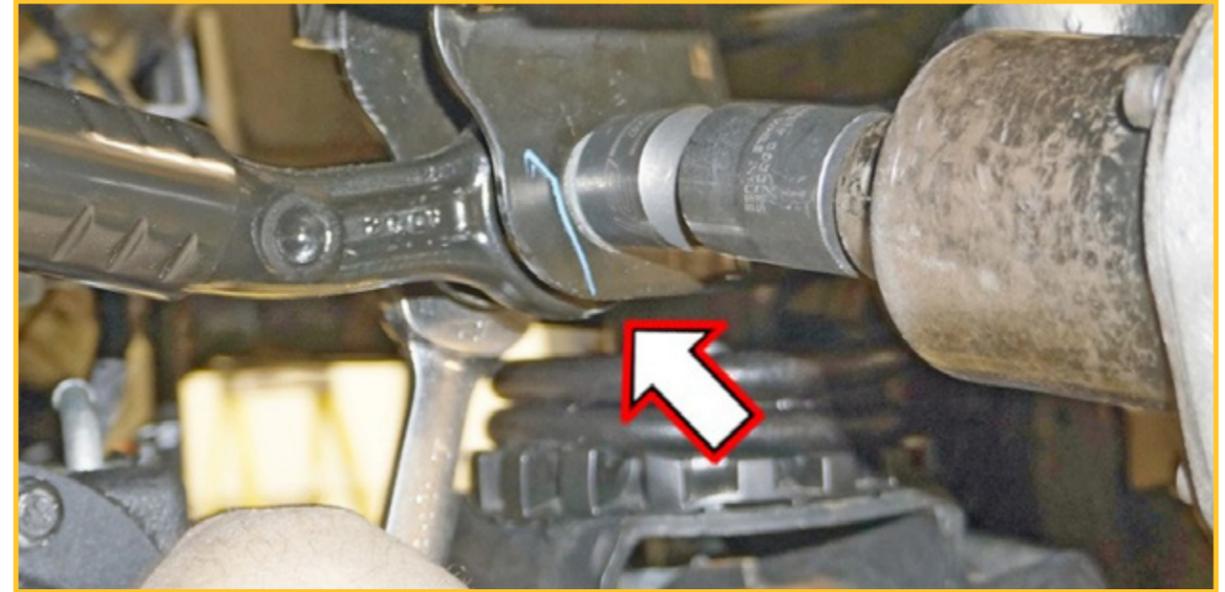


FIGURE 65

6. Support the axle, and then disconnect OEM front shocks from upper shock tower mount & lower axle mount using a 18mm socket/wrench. (Figure 66)



FIGURE 66



7. Disconnect OEM front brake line brackets from OEM front lower control arms using a 15mm socket/wrench. (Figure 67)



FIGURE 67

8. While checking for appropriate slack in ABS lines, brake lines, differential vent hose, etc, lower front differential & remove OEM front coil springs.
9. Remove the bump stop and upper/lower spring isolators. (Figures 68, 69, 70)

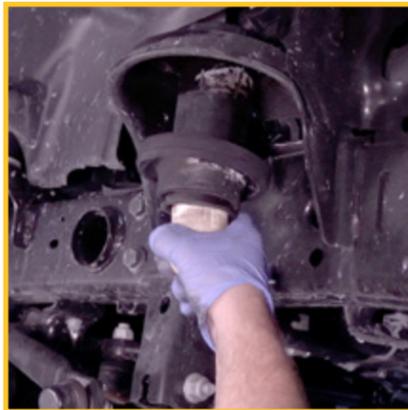


FIGURE 68

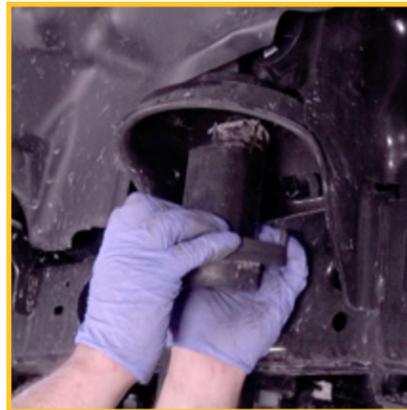


FIGURE 69

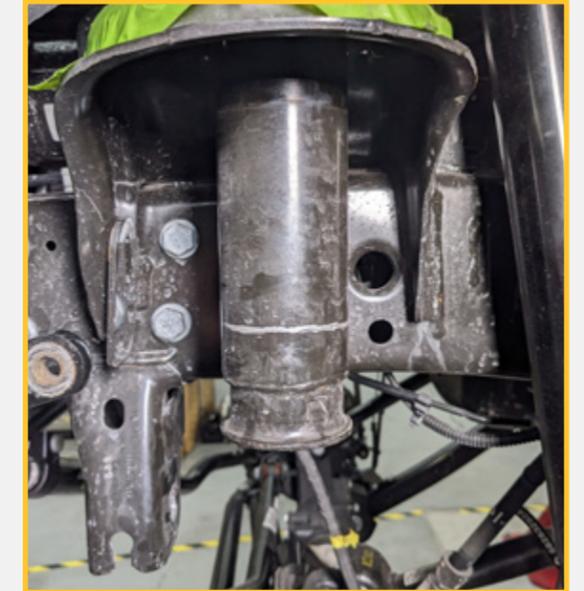
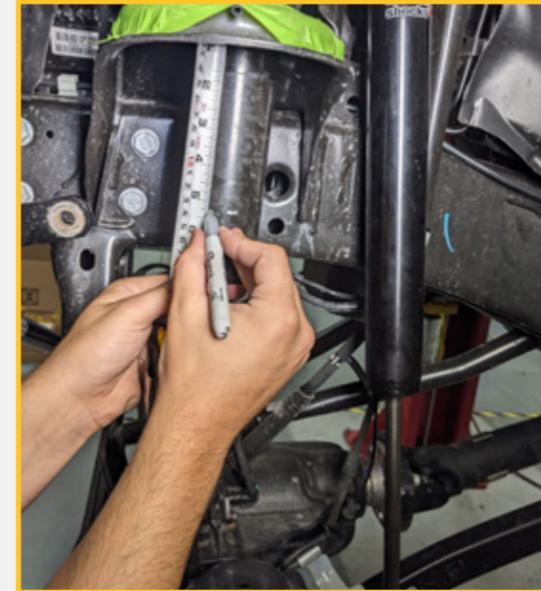


FIGURE 70

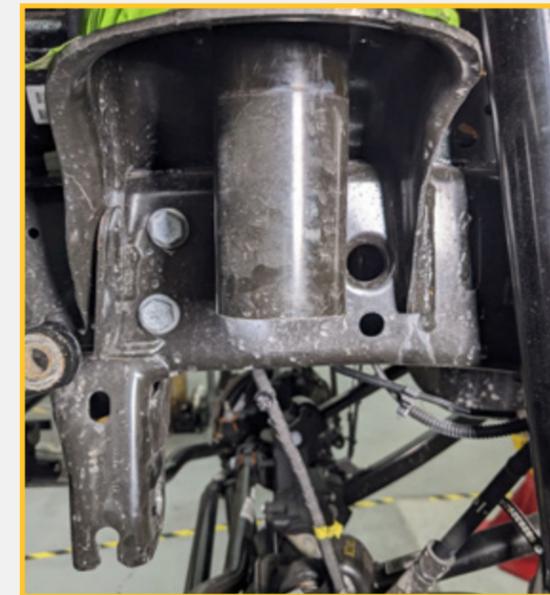
NOTE: On some Wranglers (typically Rubion X), the front bumpstop mount must be cut to allow for air spring clearance. If the mount is under 5 1/4", please skip to step 10.

BUMPSTOP MODIFICATION

1. Use a tape measure and butt the end into the upper spring seat. Mark the bumpstop spacer at 5 1/4". (Figures 93, 94)



2. Cut the bumpstop off at this mark. Be sure to file rough edges. It should look as follows when trimmed. (Figure 95)





FRONT INSTALLATION

- 10. Remove Front Air Springs from **Box 7, Sub-box 20-15758**.
- 11. Cut two pieces of 48", 1/4" OD air line from the roll found in **Box 1** and attach to the fitting inside the cavity on top of the air spring. (Figures 71, 72)



FIGURE 71



FIGURE 72

- 12. Install the new air springs with the air line going through the top mount hole of the frame. (Figures 73, 74)

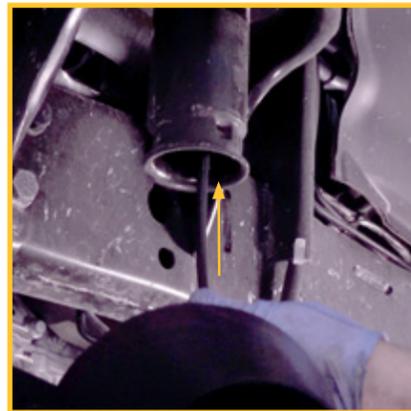


FIGURE 73



FIGURE 74



WARNING:

Never lower vehicle to the ground without air springs being fully inflated.

- 13. Install and tighten the top and bottom mount nuts (5/16" - 18mm Nyloc Nut found in **Box 7 (Sub-box 20-20545, Bag 20-20544)**) on the air spring studs. Tighten to 17 ft-lbs with 1/2" wrench. (Figures 75, 76)



FIGURE 75

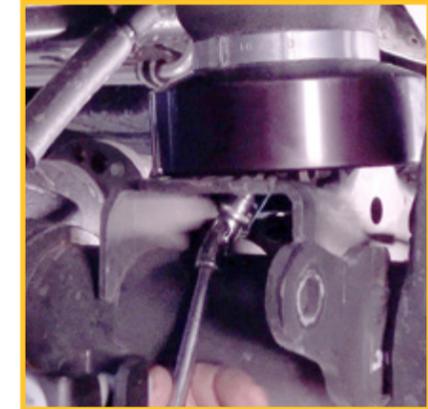


FIGURE 76

- 14. Install top caps found in **Box 7, Sub-box 20-20545, Bag 20-205444** with the air line passing through the center. Seat the cap on the top mount. (Figures 77, 78)



FIGURE 77



FIGURE 78



FRONT INSTALLATION

15. One at a time, remove the OEM front lower control arms & install the new front lower control arms (**Box 8**) using the OEM hardware, a 21mm socket/wrench, & 24mm socket/wrench. (Figure 79)

NOTE: Install the new front lower control arms with the offset bend toward the inside of the vehicle.

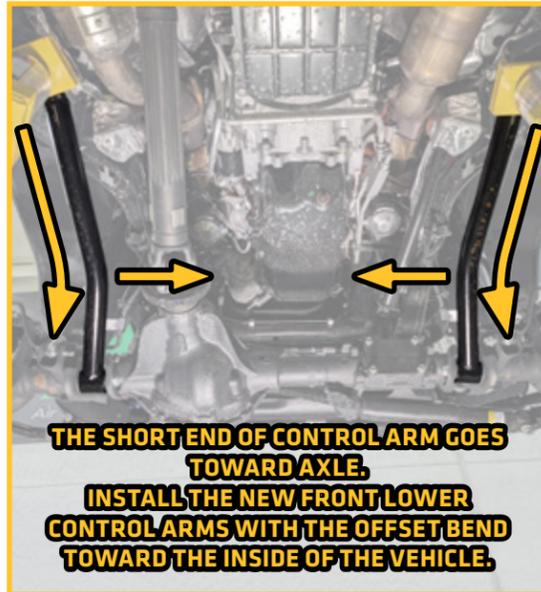


FIGURE 79



WARNING:

Only use the control arms supplied in this kit. Never use alternative control arms.

16. On each side, connect OEM front brake line bracket to control arm bracket using supplied 1/4" x 1" Fine Thread Bolt with 1/4" SAE Washer outside & 1/4" SAE Washer with 1/4" Nyloc Nut (**Box 8, Bag 29-18262**) on inside with a 7/16" socket/wrench. (Figure 80)

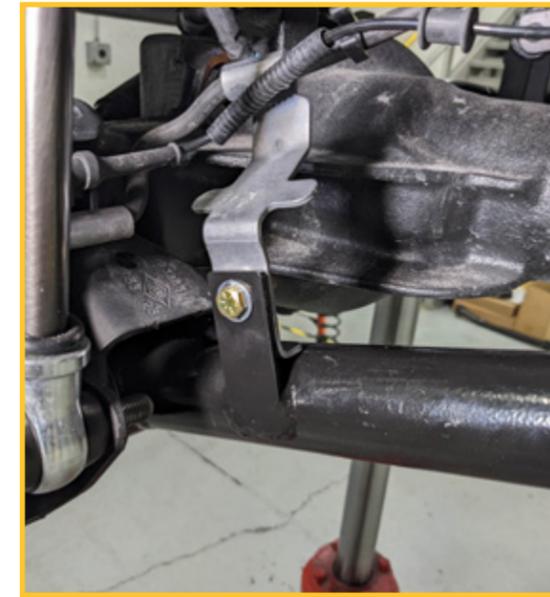


FIGURE 80

17. Install JRI front shocks (**Box 9**) with OEM hardware at upper shock tower mounts using an 18mm socket/wrench. Connect JRI shocks at lower axle mounts with OEM hardware using a 18mm socket/wrench. Secure, but **do not completely tighten** at this time. To set bushings properly for ride height, these will be tightened once vehicle is on ground with full vehicle weight on tires/wheels.

NOTE: JRI monotube shock is designed to be mounted with cylinder body up for proper installation of pre-installed upper mount bushings.



WARNING:

Only use JRI Shocks for this vehicle. Use of other shocks can cause air spring failure.



FRONT INSTALLATION

18. Find front sway bar end links in **Box 8** (Figure 81). Install using lower OEM hardware using an 18mm socket/wrench. Install upper nut using a 6mm Allen wrench and 18mm socket/wrench (Figure 83).

NOTE: When installing front sway bar end links on 2024+ models, install sleeves onto top sway bar threads. Sleeves can be found in **Box 8**. (Figure 82)

NOTE: On Left Side, install OEM lower bolt with large washer to outer bushing side of sway bar end link. Secure, but do not completely tighten at this time.



FIGURE 81



FIGURE 82



FIGURE 83

AIR SPRING PLUMBING

19. Using the residual pressure union (**Box 7, Sub-box 20-20545, Bag 20-20544**), connect the 1/4" air line from the air spring to the 1/4" air line from the VU4. (Figure 84)



FIGURE 84

FRONT RIDE HEIGHT SENSOR INSTALLATION

20. Install the front ride height sensor bracket assembly (**Box 7, Sub-box 20-17452 & 20-17453**) on the vehicle. The bracket will slide under the heat shield and attach to the frame using the same bolt for the heat shield (Figure 85). The shield will be removed with a 10mm socket/wrench.



FIGURE 85



FRONT INSTALLATION

21. The provided 5/16" - 18mm Nyloc Nut (**Box 7, Sub-box 20-20545, Bag 20-17124**) will be installed to the back of this heat shield bolt. Interlock the upper tab of the sensor bracket into the cutout on the upper control arm mount (**Box 7, Sub-box 20-20545, Bag 20-17124**) (Figures 86, 87). Use a 7/16" socket/wrench to install.

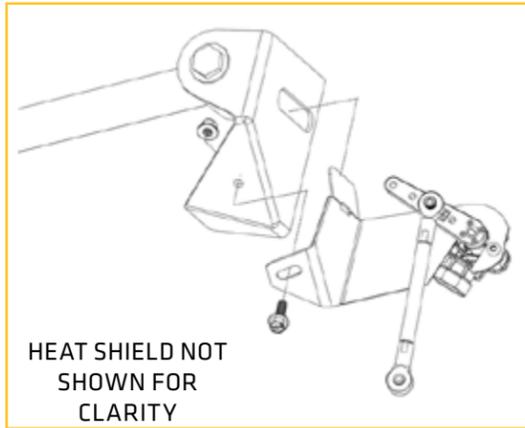


FIGURE 86 - RIGHT FRONT

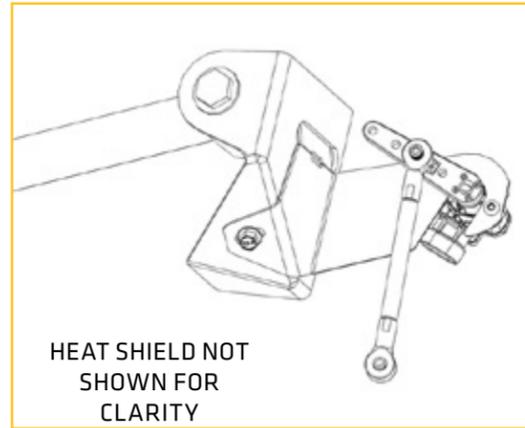


FIGURE 87 - RIGHT FRONT

22. Locate quantity 2 of: 10-32x1" screw, thick #10 washer, and 10-32 Nyloc Nut (**Box 7, Sub-box 20-20545, Bag 20-17124**). Install on the lower height sensor rod ends to height sensor bracket on lower control arm with a 7/16" socket/wrench and 5/32" Allen wrench. (Figure 88)



FIGURE 88

23. When installed it should look as shown. (Mount link to lower control arm.) (Figures 89, 90)

NOTE: Mount washer between rod end and metal tab on control arm. Plug in connectors from height sensor harness at this time.



FIGURE 89

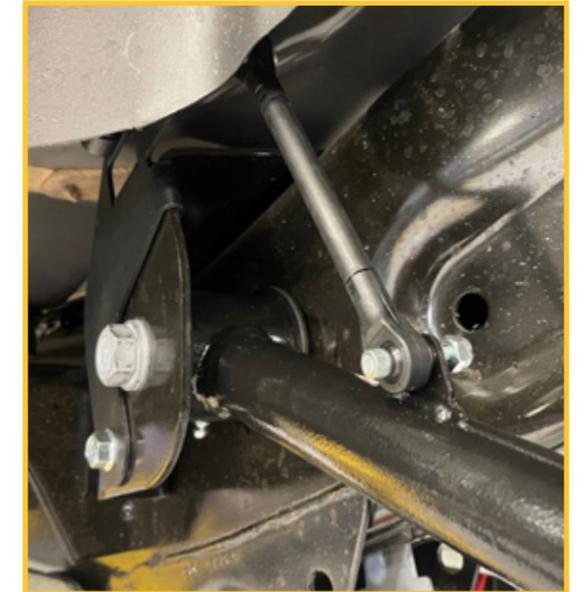


FIGURE 90



FRONT INSTALLATION

24. Make sure that tires/wheels are pointed straight ahead. Install fixed end of Front Adjustable Track Bar to frame with OEM hardware using a 21mm socket/wrench. (Figure 91)

NOTE: Do not tighten at this time.

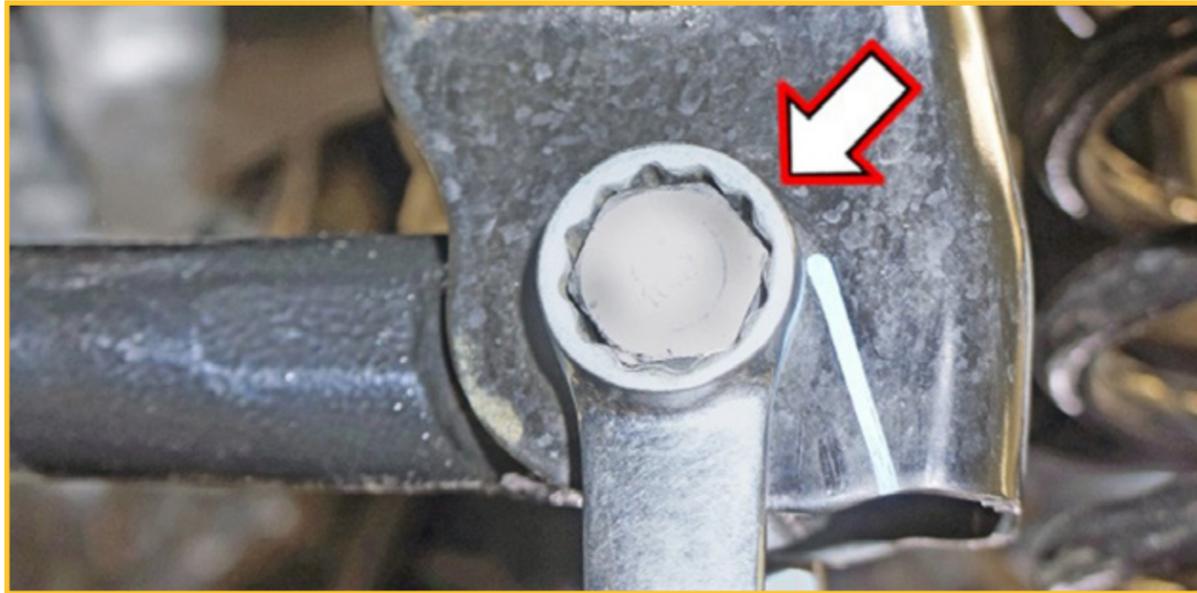


FIGURE 91

25. Install supplied Rod End Bushings onto rod end of track bar. Install rod end assembly into front axle mount with OEM hardware using a 21mm socket/wrench. (Figure 92)

NOTE: Do not tighten at this time.

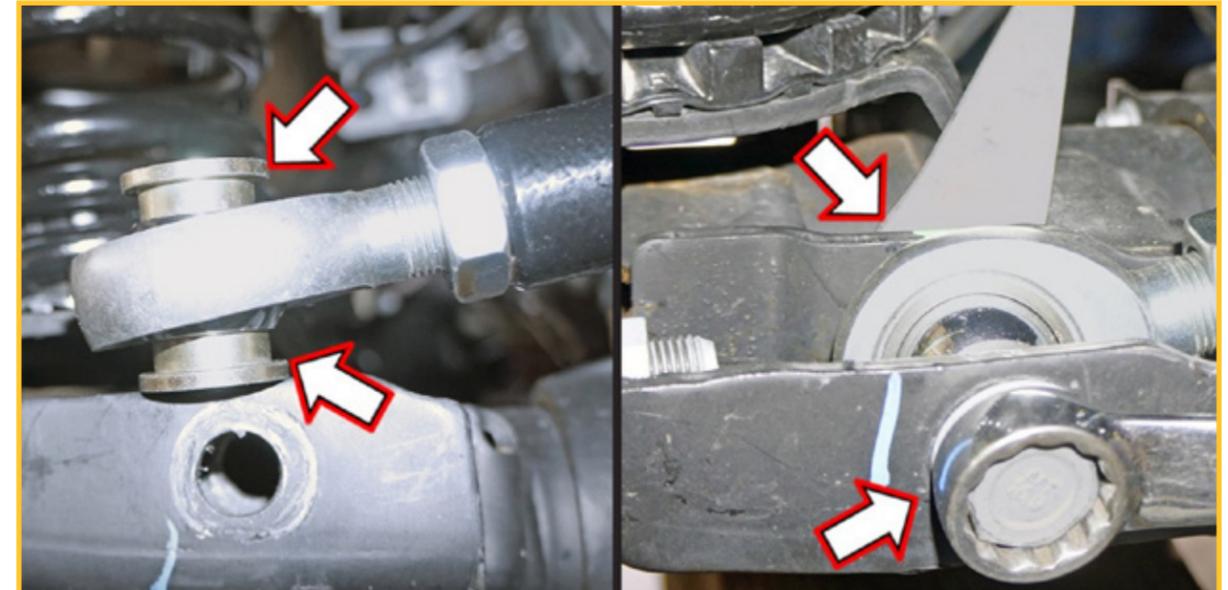


FIGURE 92

NOTE: It may be necessary to turn steering wheel after the tires are on the ground to align track rod end with mount.

Initial Eye-to-Eye length should be 34". Final measurement will be adjusted by alignment center.

NOTE: If left side measurement is greater than right side, track bar needs to be lengthened. If right side measurement is greater than left side, track bar needs to be shortened.

Remove adjustable rod end of track bar, loosen jam nut using a 1-1/8" wrench & turn rod end to adjust in or out. Once body is properly aligned over front tires/wheels, tighten OEM hardware using a 21mm socket/wrench. Fully tighten all OEM hardware at upper frame mount & axle mount. Fully tighten jam nut of adjustable front track bar using a 1-1/8" wrench.



WARNING:

Only use supplied track bar. Use of any other may cause instability.



WARNING:



Never lower vehicle to the ground without air springs being fully inflated. Start vehicle and inflate with TouchPad Controller.

26. Inflate front springs using TouchPad Controller. Ignition must be on. Inflate by tapping the double up arrow. (Figure 93)



FIGURE 93

YOU MUST INFLATE AIR SPRINGS BEFORE LOWERING TO THE GROUND

Scan the QR code for more details.



27. Air springs should be firm when fully inflated. (Figures 94, 95)



FIGURE 94

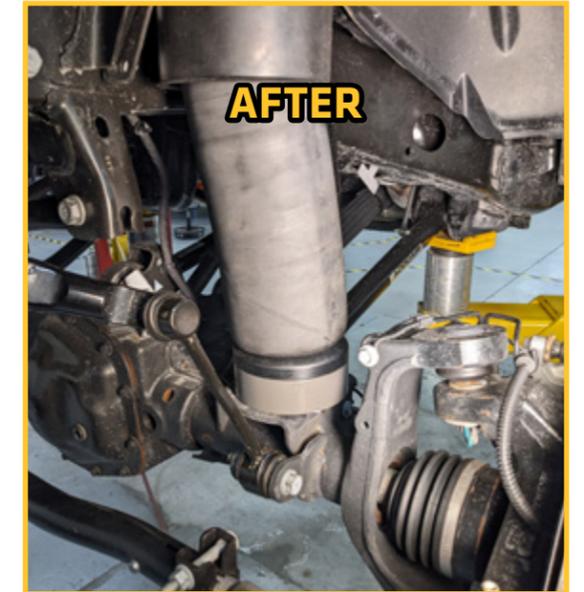


FIGURE 95

- 28. Check front of vehicle to make sure body is centered over front tires/wheels. Using a measuring tape, measure from inside of tire to frame on driver side. Then measure passenger side. Compare two measurements; the aim is to make both sides equal. Remove adjustable rod end of track bar, loosen jam nut using a 1-1/8" wrench & turn rod end to adjust in or out. Once body is properly aligned over front tires/wheels, tighten OEM hardware using a 21mm socket/wrench. Fully tighten all OEM hardware at upper frame mount & axle mount. Fully tighten jam nut of adjustable front track bar using a 1-1/8" wrench.
- 29. If you do not have your Jeep on a lift or four jack stands, install front tires/wheels using a 22mm socket and lower it to the ground. Torque lug nuts to 130 ft-lbs.



NOTE: Save all factory components and hardware for reuse, unless noted.

1. Chock front tires/wheels. Raise rear of vehicle & support frame rails using jack stands at indicated lift points in OEM service manual.
2. Remove rear tires/wheels using a 22mm socket on lug nuts.
3. Remove OEM rear sway bar end link using a 6mm hex key socket/wrench & 18mm socket/wrench. (Figure 96)

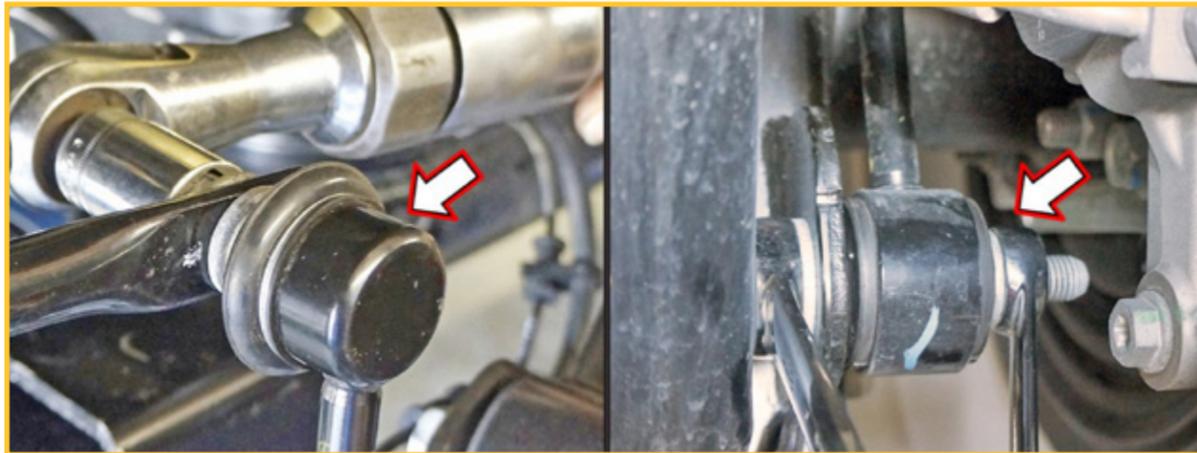


FIGURE 96

4. Disconnect OEM rear brake line brackets from rear axle at upper control arm mount using a 13mm socket/wrench. (Figure 97)



FIGURE 97

5. Disconnect OEM rear track bar from right side upper frame mount using a 21mm socket/wrench. (Figure 98)



FIGURE 98



- In order to gain access to OEM rear upper shock mounting bolts, remove three (3) OEM bolts rear bumper inner fender liner using a 8mm socket/wrench. (Figure 99)

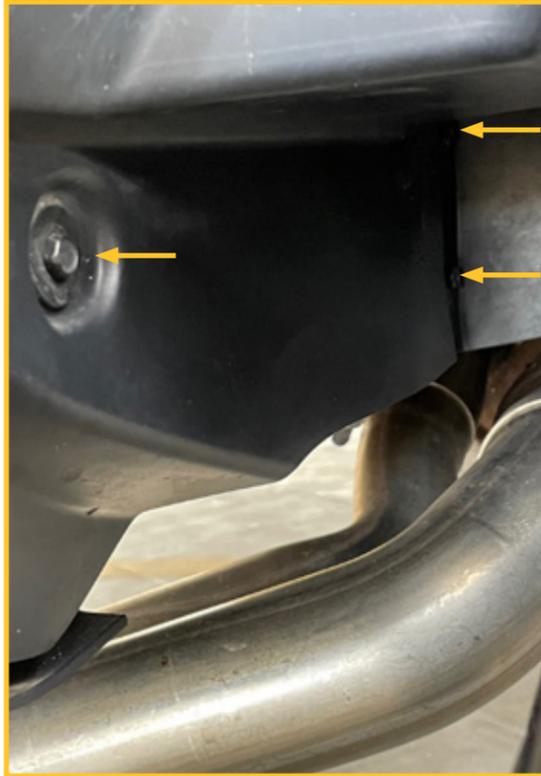


FIGURE 99

Retain hardware. Support the axle, and then remove OEM rear shocks using a 18mm socket/wrench. (Figure 100)

NOTE: OEM upper shock mount has nut attached to shock mount.



FIGURE 100

- While checking for appropriate slack in ABS lines, brake lines, differential vent hose & etc, lower rear axle & remove OEM rear coil springs and isolators.
- One at a time, remove the OEM rear control arms & install the new rear lower control arms (**Box 8**) using the OEM hardware, & a 21mm socket/wrench. Wait until the vehicle is on level ground to torque to OEM specifications

NOTE: Install the new rear lower control arms with the offset bend toward the inside of the vehicle.



REAR INSTALLATION

9. Install the lower bump stops (**Box 7, Sub-box 20-15910**) on to the mounting bracket using the provided countersunk screws. The circular pad of the bump stop will face the front of the vehicle. The bump stops will connect to each tip of the bracket's countersunk holes. Tighten to 14 ft-lbs with 13mm socket/wrench and 3/16" Allen wrench. (Figures 101, 102, 103, 104, 105, 106)

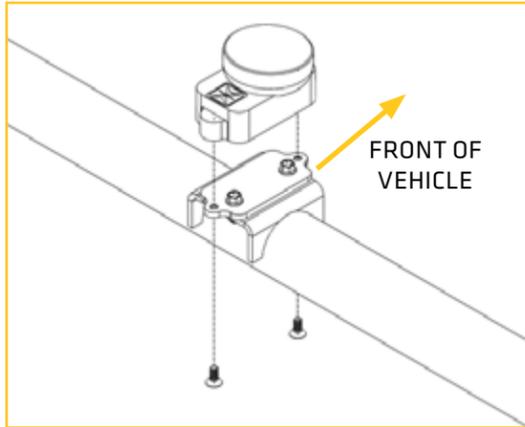


FIGURE 101 - LEFT SIDE

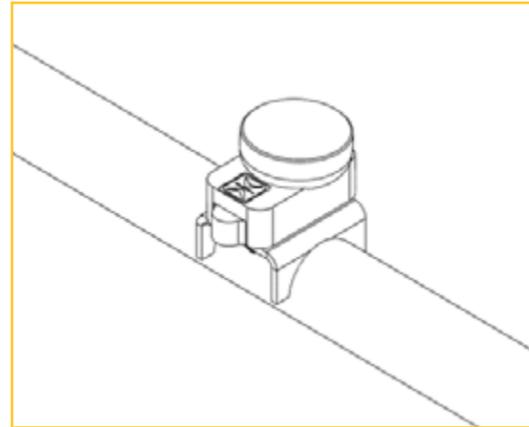


FIGURE 102 - LEFT SIDE

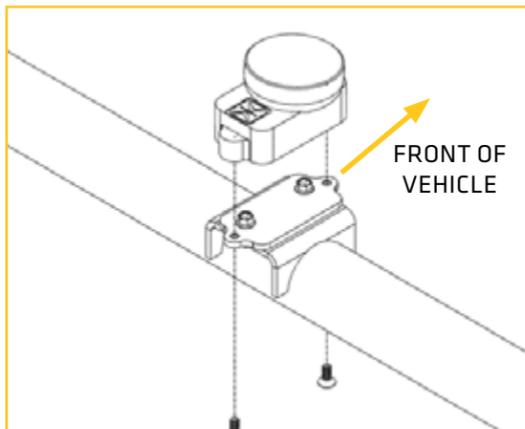


FIGURE 103 - RIGHT SIDE

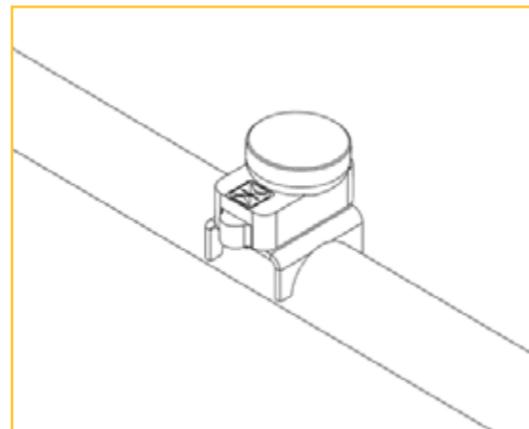


FIGURE 104 - RIGHT SIDE



FIGURE 105

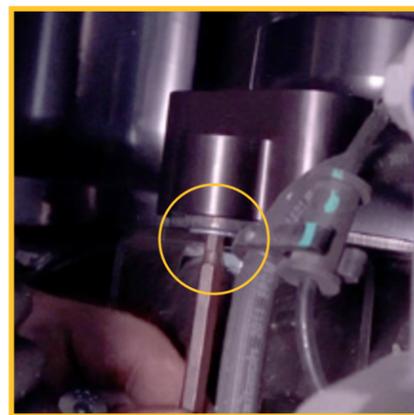


FIGURE 106

10. Check fit Rear Track Bar Upper Bracket (**Box 8**) over OEM rear upper track bar mount on frame. The double hole side of track bar bracket towards outside of vehicle. (Figure 107)



FIGURE 107

NOTE: It may be necessary to slightly grind the welds of OEM frame mount for new track bar bracket to be installed easily.



REAR INSTALLATION

File smooth any burrs or sharp edges on OEM mount then paint or undercoat all exposed metal if needed. (Figure 108)

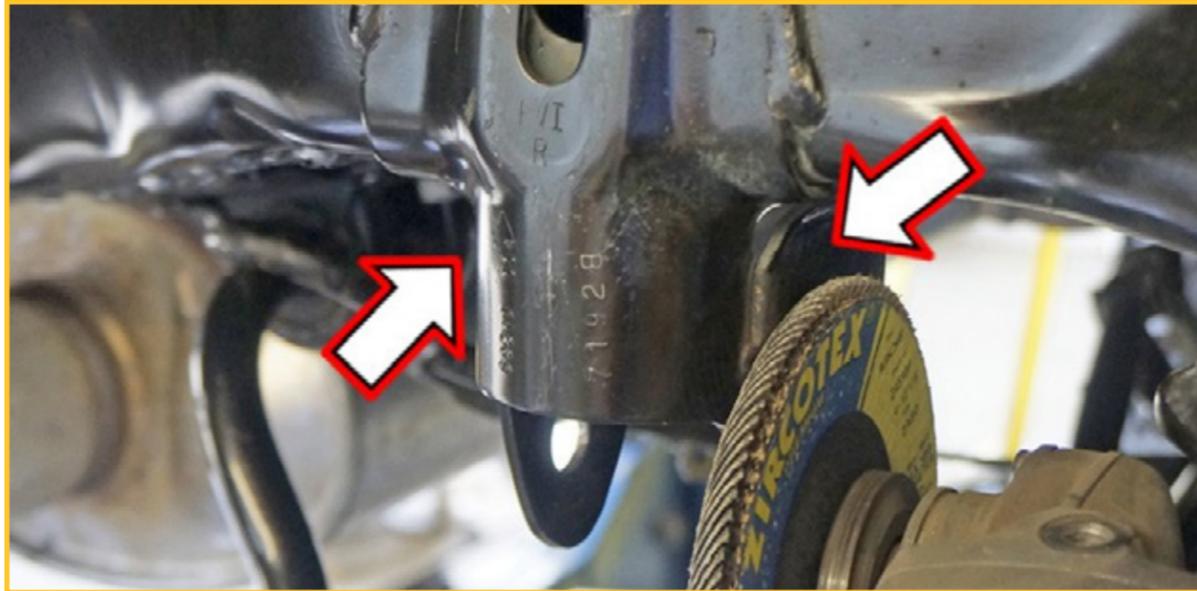


FIGURE 108

Install Rear Track Bar Upper Bracket over OEM rear upper track bar bracket on frame.

First, insert a supplied 1/2" x 5" Fine Thread Bolt with 1/2" SAE Washer through the bracket's upper outside frame mounting hole. Attach with 1/2" SAE Washer & 1/2" Nyloc Nut on inside using a 3/4" socket/wrench. Torque to 90 ft-lbs. (Hardware found in **Box 8, Bag 29-18266**)

Next, insert a supplied 9/16" x 1-1/4" Fine Thread Bolt with 9/16" SAE Washer through bracket/OEM track bar mounting holes. Attach with 9/16" SAE Washer & 9/16" Nyloc Nut on inside using a 13/16" & 7/8" socket/wrench. Torque 130 ft-lbs.

NOTE: Insert Rear Track Bar Upper Bracket Bolt/Nut sets through the frame with the heads facing the rear of the Jeep as shown in Figure 105.

11. Install the new rear air springs (**Box 7**). The threaded stud on the bottom of the spring will face the front of the vehicle and aligns with a hole in the axle mounted spring seat. The slot on the rear of the air spring will face the rear of the vehicle. (Figures 109, 110)

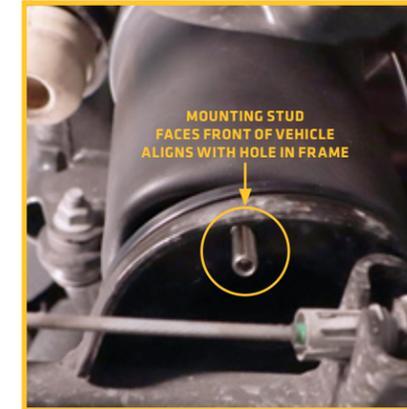


FIGURE 109

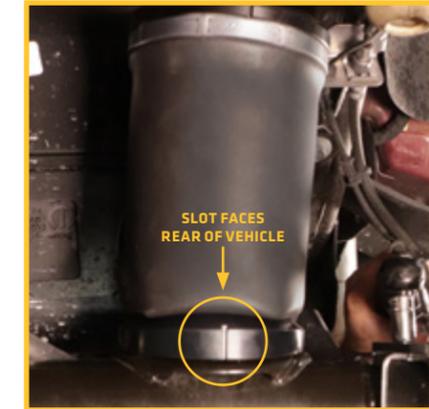


FIGURE 110

12. Install the provided nut (**Box 7, Sub-box 20-20545, Bag 20-20544**) on to the bottom stud of the air spring. Tighten to 17 ft-lbs with a 1/2" socket/wrench.
13. Slowly pull the air springs up and route the air lines through the holes in the frame's top mounts. (Figures 111, 112)

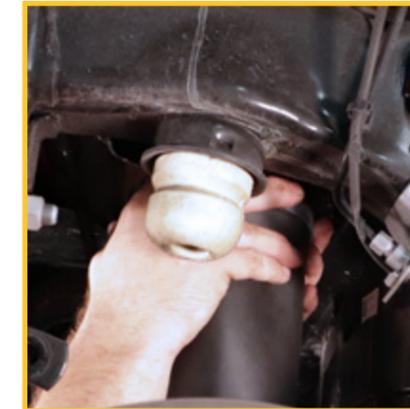


FIGURE 111



FIGURE 112



REAR INSTALLATION

14. Install the air spring retaining clips (**Box 7, Sub-box 20-20545, Bag 20-20544**) through the top mount once the slot in the top mount has cleared the top of the frame. (Figures 113, 114)

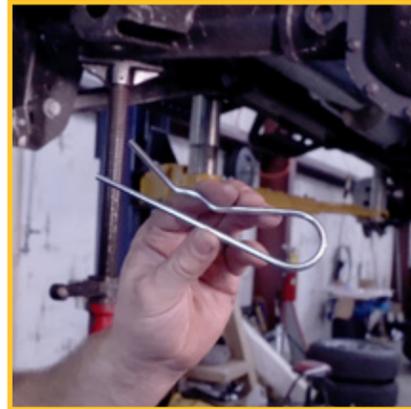


FIGURE 113



FIGURE 114

15. Install JRI rear shock with OEM hardware using a 18mm socket/wrench. Secure, but **do not completely tighten** at this time. Wait to reinstall OEM rear bumper inner fender liner as well.

16. Connect OEM rear track bar to the Rear Upper Track Bar Bracket using OEM hardware & a 21mm socket/wrench. (Figure 115)

NOTE: Install OEM bolt from front-to-rear of vehicle.

NOTE: It may be necessary to raise/lower axle to take pressure off track bar bolt.

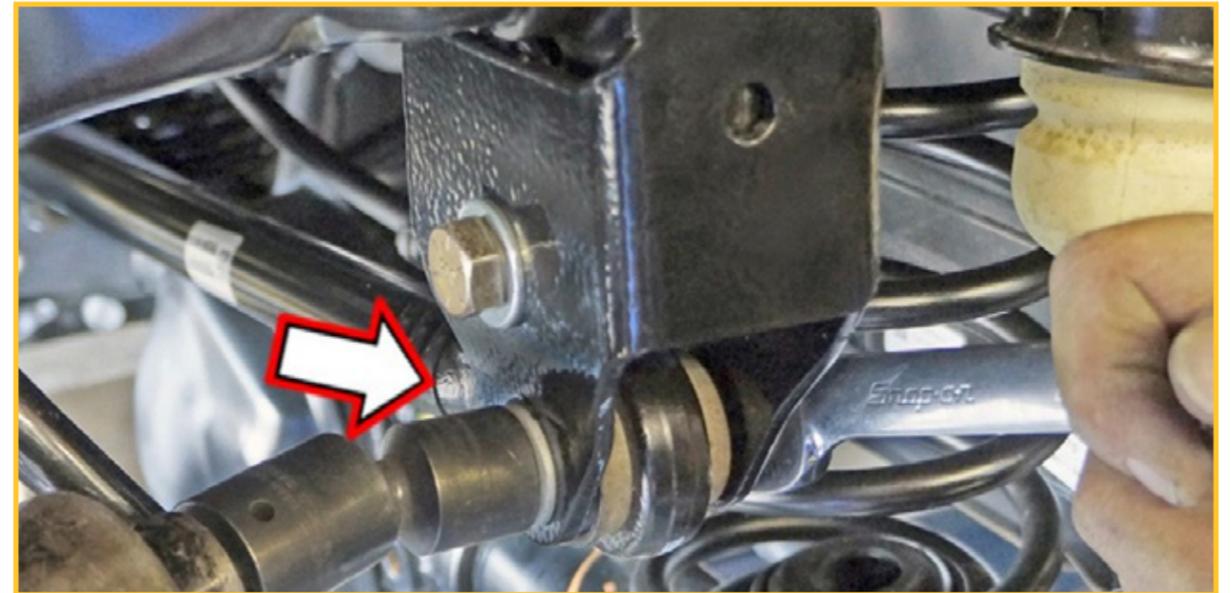


FIGURE 115



REAR INSTALLATION

17. Reattach OEM rear brake line brackets disconnected in Step 4, using a 13mm socket/wrench. (Figure 116)



FIGURE 116

19. Connect 1/4" air line from VU4 manifold to 1/4" female PTC fitting on air spring. (Figure 119)

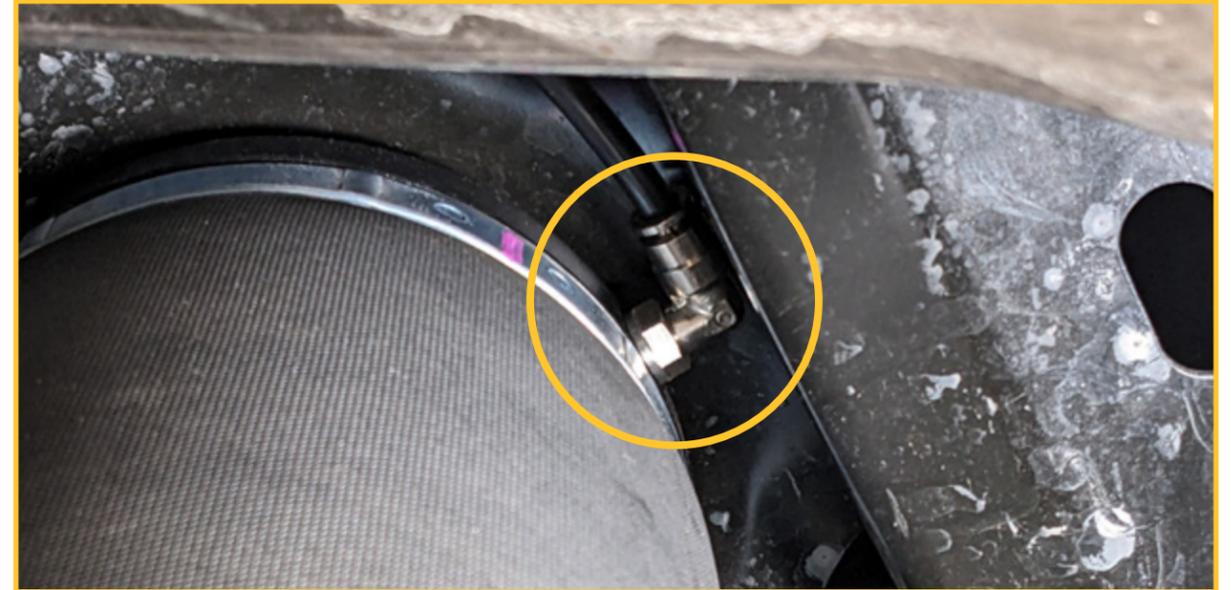


FIGURE 119

NOTE: Be very careful not to damage OEM rear hard brake lines.

18. Find rear sway bar end links in **Box 8** (Figure 117). Install using lower OEM hardware using an 18mm socket/wrench. Install included upper nut with a 6mm Allen wrench and 18mm socket/wrench (Figure 118).



FIGURE 117

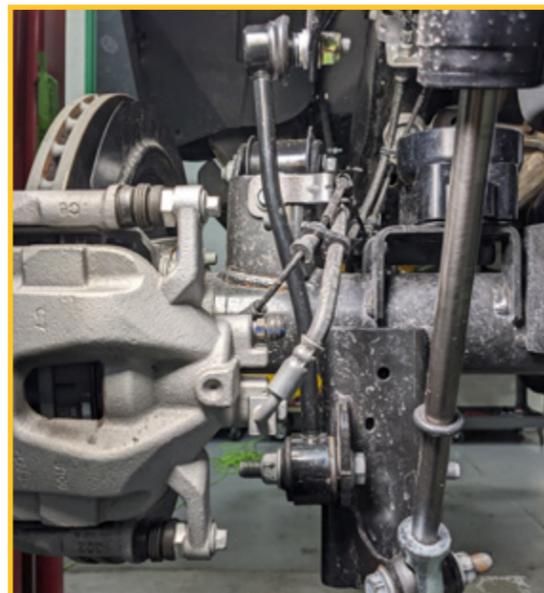


FIGURE 118

20. Install rear ride height sensor bracket assembly (**Box 7, Sub-box 20-17454 & 20-17455**) to the frame using the existing hole (Provided hardware found in **Box 7 (Sub-box 20-20545, Bag 20-17124)**). (Figures 120, 121)

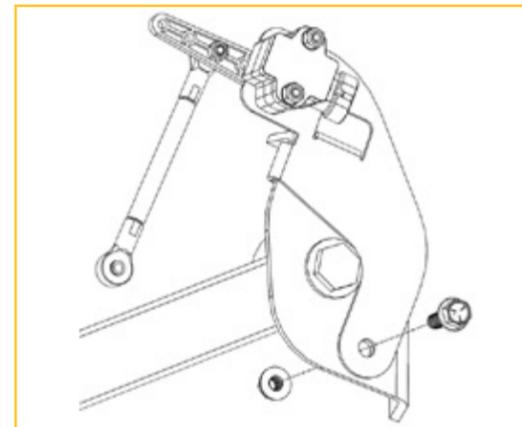


FIGURE 120 - RIGHT REAR

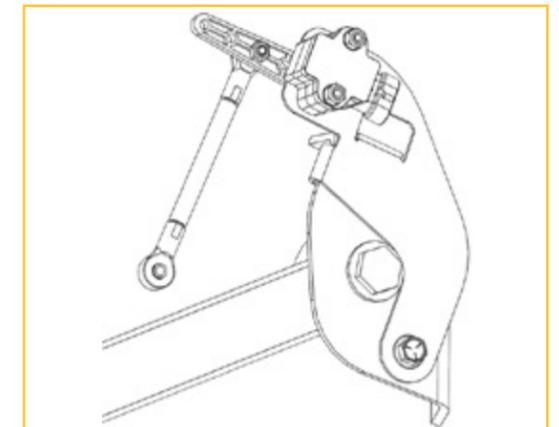


FIGURE 121 - RIGHT REAR



21. Plug in connectors from height sensor harness at this time. Installation should look as shown when completed. (Figure 122)



FIGURE 122

22. Inflate rear springs using TouchPad Controller. Ignition must be on. Inflate by tapping the double up arrow. (Figure 123)



FIGURE 123



WARNING:

Never lower vehicle to the ground without air springs being fully inflated. Start vehicle and inflate with TouchPad Controller.

YOU MUST INFLATE AIR SPRINGS BEFORE LOWERING TO THE GROUND

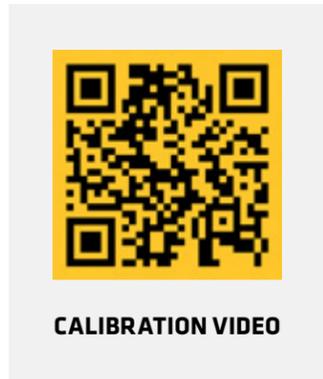
Scan the QR code for more details.



23. Install rear tires/wheels using a 22mm socket on lug nuts.

24. Lower vehicle to ground.

AFTER INSTALLATION, VEHICLE MUST BE PROFESSIONALLY ALIGNED BY ALIGNMENT CENTER.



CALIBRATION MUST BE PERFORMED

Once system installation is complete, the system will need to be calibrated. Calibration is a process that will learn the vehicle range of travel and automatically set ride heights.

The vehicle needs to be on level ground with the wheels pointed straight ahead. Leave the vehicle running to power the compressor(s) during this procedure.

Before starting calibration, turn on the vehicle and let the compressors run to fill the tank. Once the compressor stops running (green “C” on TouchPad stops blinking) you may simultaneously hold the “dot” and “1” button for 5 seconds. You may let go when the vehicle starts to move up.

The vehicle will now open the valves to the air springs and run the compressor to fill all air springs. The system will continue doing this until the set pressure is achieved at which point the maximum suspension travel will be defined.

Next, the vehicle will exhaust all air from the air springs to define the minimum travel.

Calibration is complete when the system prompts a position 2 two adjustment (“2” will be flashing on the TouchPad). This may take some time as the system has to fill the tank and air springs from near empty.

1. Start vehicle. Make sure there are no dash lights pertaining to suspension.
2. Bounce the vehicle a few times. This will help suspension settle to new ride height. Cycle steering lock-to-lock & check all components for proper operation & clearances. Pay special attention to clearance between tires/wheels, Shocks, control arms, brake hoses, ABS wiring, etc.
3. Front Tighten & Torque Sequence.
Track bar at frame using a 21mm wrench. Torque to 52 ft-lbs.
Track bar at axle using a 21mm wrench. Torque to 52 ft-lbs.
Front shock absorber upper mount using a 18mm wrench. Torque to 81 ft-lbs. Front shock absorber lower mount using a 18mm wrench. Torque to 74 ft-lbs.
Sway bar end link upper bolt using a 19mm socket/wrench. Torque to 59 ft-lbs.
Sway bar end link lower bolt using a 18mm socket/wrench. Torque to 59 ft-lbs.
4. Rear Tighten & Torque Sequence.
Track bar bracket bolts. 1/2” Bolts Torque to 90 ft-lbs. 9/16” Bolt Torque to 130 ft-lbs.
Track bar at the bracket. Torque to 130 ft-lbs.
Rear shock absorber upper mount using a 18mm socket/wrench. Torque to 81 ft-lbs. Rear shock absorber lower mount using a 18mm socket/wrench. Torque to 74 ft-lbs.
ADX Reservoir clamp. Double check position & clearance. Tighten with 5/32” Hex Key socket.
Sway bar end link mount using a 18mm socket/wrench. Torque to 59 ft-lbs.
5. Attach OEM rear bumper fender liner with OEM bolts, using an 8mm socket/wrench.



WARNING:
The system will automatically **raise/lower** the vehicle in the next procedure. Remove all obstructions and keep clear of vehicle before proceeding.



WARNING:
Before driving, it is necessary that the steering wheel and wheels are straight at position two. Adjust drag length accordingly. **Vehicle must be professionally aligned.**

CHECK FOR SYSTEM LEAKS

With all four wheels on the ground and the air springs inflated, check for system leaks using supplied snoop (**Box 1**) on all pneumatic connections to the air springs and the regulator.

FINAL NOTES

After installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for proper torque specifications.

NOTE: Do not re-tighten nuts & bolts where thread lock compound was used.

With vehicle placed on ground, cycle steering lock to lock & inspect steering, suspension, brake lines, front & rear drive lines, fuel lines & wiring harnesses for proper operation, tightness & adequate clearance.

Have headlights readjusted to proper settings.

Have a qualified alignment center align vehicle to OEM specifications.

After first 100 miles, check all hardware for proper torque & periodically thereafter.

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	180 in-lbs	240 in-lbs	6MM	60 in-lbs	108 in-lbs
3/8	30 ft-lbs	35 ft-lbs	8MM	216 in-lbs	23 ft-lbs
7/16	45 ft-lbs	60 ft-lbs	10MM	32 ft-lbs	45 ft-lbs
1/2	65 ft-lbs	90 ft-lbs	12MM	55 ft-lbs	75 ft-lbs
9/16	95 ft-lbs	130 ft-lbs	14MM	85 ft-lbs	120 ft-lbs
5/8	135 ft-lbs	175 ft-lbs	16MM	130 ft-lbs	165 ft-lbs
3/4	185 ft-lbs	280 ft-lbs	18MM	170 ft-lbs	240 ft-lbs

THE ABOVE SPECIFICATIONS ARE NOT TO BE USED WHEN THE BOLT IS BEING INSTALLED WITH A BUSHING.

COLDER CLIMATE TIPS

In the winter months, to keep your air system from freezing, we recommend adding CRC air brake antifreeze. This can be purchased at most automotive parts houses. We recommend that you add two caps (about 1 ounce) to the system through the compressor intake. To do this, you should adjust the suspension to deplete the air in the tank so the compressor will be running while you do this process. You want to slowly add the antifreeze to the system so it has time to vaporize and coat everything. You will need to do this periodically depending on how much use the vehicle has. Generally, once every two weeks will be adequate but that can vary.

REGULATOR NOTICE

The supplied regulator will always have some small residual leak, due to how the regulator works, which means the tank pressure will decrease over time. If you are experiencing tank pressure dropping more than 5 psi overnight, the regulator may be leaking excessively. To rectify this, adjust the regulator pressure down to 20 psi, then up to 120 psi. If you desire no leakage, remove the regulator and cap the line from the tank.



**2018-PRESENT JEEP WRANGLER
AIR SUSPENSION SYSTEM
OVERVIEW VIDEO**

BOX 1		JEEP JL WIRING & PLUMBING KIT		BOX 1
QTY	ITEM #	DESCRIPTION		
1	29-16265	POWER HARNESS (RED 8AWG)		
1	29-17530	8" ZIP TIES, 50 PACK		
1	29-18239	JL ECU TO VU4 HARNESS		
1	20-18283	JEEP POWER WIRING KIT		
		QTY	ITEM #	DESCRIPTION
		1	20514	22-18 Red T-Tap 3 Way Splice
		1	29-10974	Connector-Male Spade-Pink
		1	29-16735	Pink Ring Terminal - 22-18 AWG #10 Sized Hole
		1	29-16736	Large Copper Lug - Copper Lug 8 AWG w/ 5/16" hole
		1	29-16737	Small Copper Lug (Flat Sides)
		1	29-16738	Purple Shrink Female Spade - 22-18 AWG 1/4"
		1	29-16739	70 amp Maxi Fuse
		1	29-16743	Compressor relay wiring diagram
		1	29-16876	Add-A-Circuit Fuse Tap 16 GA
		2	29-17564	3/8 Heat Shrink
		1	29-18282	Relay GRD Harness, 24"
		1	29-18354	Rubber Grommet
276"	29-18861	1/4 INCH DOT AIR LINE BLK		
450"	29-16878	3/8" DOT Airline		
1	29-18275	COMPRESSOR POWER EXTENSION (6 FT)		
1	29-19936	JL COMPRESSOR POWER HARNESS		



PARTS APPENDIX

BOX 1		JEEP JL WIRING & PLUMBING KIT		BOX 1	
QTY	ITEM #	DESCRIPTION			
1	29-16548	PLASTIC AIRLINE CUTTER			
1	29-16095	HEIGHT 4-CORNER SENSOR HARNESS			
1	20-20537	HARDWARE KIT			
QTY	ITEM #	DESCRIPTION			
1	29-18363	M6 x 1.25mm Long Female Threaded Hex Standoff			
1	29-7243	M6 x 1 x 8mm Long Button Head Cap Screw			
1	29-20697	JEEP KIT E-PLUS MAIN HARNESS v2			

BOX 2		TOUCHPAD CONTROLLER ASSEMBLY		BOX 2	
QTY	ITEM #	DESCRIPTION			
1	20-16084	TPAD HANDHELD CONTROLLER			
1	29-16254	TPAD+ MOUNTING TEMP			
1	29-16279-01	TPAD HARNESS RAW CABLE 20' USB			

BOX 3		JEEP JL ECU ASSEMBLY		BOX 3	
QTY	ITEM #	DESCRIPTION			
1	29-17998	ECU BRACKET, JL JEEP			
1	29-16727	75A RELAY - Power Relay, Dual Contacts, SPST, 12V, 75A			
4	29-15750	HEX NUT, NYLOCK, M5X0.8			
4	29-17353	10-24 X 7/8" BUTTON HEAD SCREW			
1	29-18104	PRESSURE REGULATOR WITH FITTING			
4	29-18169	M5 X 0.8 X 12 BUTTON HEAD SCREW HEX DRIVE			

BOX 3		JEEP JL ECU ASSEMBLY		BOX 3	
QTY	ITEM #	DESCRIPTION			
1	29-18347	1/4" NPTM - 1/4" PTC STRAIGHT			
1	20-18344	JL ECU & CORE ASSEMBLY			
1	29-18103	QUICK CONNECT COUPLER 1/4" NPT (M)			

BOX 4		JEEP JL INFLATION BRACKET ASSEMBLY		BOX 4	
QTY	ITEM #	DESCRIPTION			
1	29-18099	JL INFLATION BRACKET UNDERCARRIAGE			
1	29-17023	SEAMLESS ALUMINUM TANK WITH 5 1/4" PORTS WITH HARDWEAR 18" X 6.625"			
2	29-18102	COMPRESSOR ISOLATOR BRACKET			
1	29-9833	ACCY KIT-VIBRATION ISOLATOR-24 PCS			
1	29-18153	JL INFLATION BRACKET, HANGER, RIGHT			
1	29-18154	JL INFLATION BRACKET, HANGER, LEFT			
1	29-16531	3/8" DOT/PTC - 1/4" NPT STRAIGHT FITTING			
1	29-16008	BRASS PRESSURE SENSOR 1/8-27 NPT, 200 PSI			
2	29-17004	1/4" PUSH-TO-CONNECT TO SEALED 1/8" NPT STRAIGHT FITTING			
1	29-16535	3/8" DOT/PTC - 1/4" NPT 90 DEG SWIVEL ELBOW			
4	29-9727	NYLON INSERT LOCK NUT-ZINC-STEEL-M6 X 1 THREAD-10MM WIDE-6MM HIGH			
10	29-15894	FLAT WASHER, M8			
8	29-18164	M8 NYLON-INSERT LOCKNUT			
4	29-18162	M6 X 1 X 50 BUTTON HEAD SCREW HEX DRIVE			
10	29-18160	M8 X .125 X 20 BUTTON HEAD SCREW HEX DRIVE			



PARTS APPENDIX

BOX 4	JEEP JL INFLATION BRACKET ASSEMBLY		BOX 4
QTY	ITEM #	DESCRIPTION	
2	29-18159	#8-32 X 3/8" BUTTON HEAD SCREW HEX DRIVE	
4	29-16072	VU VU4 MOUNTING NUT	
4	29-18163	#40-24 X 1.75" BUTTON HEAD SCREW HEX DRIVE	
1	29-18168	1/4" OD TO 1/4" FNPT BULKHEAD	
1	29-18165	1/4" MNPT MUFFLER	
1	29-18167	1/4" TO 1/8" FNPT BUSHING	
2	29-16009	HEX HEAD, M12X1.5, 30 LG (91180A747)	
2	29-16010	M12 FLAT WASHER (91455A150)	
1	29-18209	3/8(F) X 1/4(M) NPT ADPT PIPE BRASS	
26	29-16878	3/8" DOT AIRLINE (500 FT ROLL)	
1	29-18109	SOLENOID VALVE	
1	29-17884	3/8" FEMALE NPT TO 3/8" PTC	
1	29-16536	3/8" DOT/PTC - 3/8" NPT 90 DEG SWIVEL ELBOW	
2	29-17543	M5X0.8 X 10 SHCS, SS	
2	29-17542	M5X0.8 X 12 SHCS, SS	
2	29-8058	CABLE TIE LOCK, UV BLK, 11IN, 50 LB	
1	815701	DRYER BOX (29-7304)	
2	29-18348	1/4" NPTM - 1/4" PTC 90 DEGREE SWIVEL	
1	20-18490	1/4 PTC INLINE FILTER, STRAIGHT	
22	29-18861	1/4 INCH DOT AIR LINE BLK	
1	29-17411	RECEPTACLE 2 CONTACTS, SIZE 12 DTP SERIES - BLACK	
1	29-17413	WEDGE LOCK FOR 2 CONT. RECPT. HOUSING DTP SERIES	

BOX 4	JEEP JL INFLATION BRACKET ASSEMBLY		BOX 4																																	
QTY	ITEM #	DESCRIPTION																																		
2	29-17622	CONT M STAMPED SZ 12 10-12 AWG NI PLATING																																		
1	14-20442	COMPRESSOR, VIAIR 485C AIR COMPRESSOR, SINGLE																																		
1	20-20541	VU4 WITH CHECK VALVE & PORT SCREENS																																		
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PARTS APPENDIX

BOX 5		SPEED MODULE	BOX 5
QTY	ITEM #	DESCRIPTION	
1	29-18175	JEEP JL/JT OBDII SPEED MODULE	
1	29-18474	JEEP JL/JT OBDII SPLITTER	

BOX 6		1/4" DOT AIR LINE	BOX 6
QTY	ITEM #	DESCRIPTION	
900"	29-18861	1/4 INCH DOT AIR LINE BLK	

BOX 7		JEEP JL AIR SPRING KIT	BOX 7															
QTY	ITEM #	DESCRIPTION																
2	20-15758	JEEP JL/JT AIR SPRING, FRONT																
2	20-15763	JEEP JL AIR SPRING, REAR																
1	20-15910	JEEP REAR BUMP STOP SPACER ASSEMBLY																
1	21-17165	JEEP BUMP STOP HARDWARE KIT																
1	20-20544	JEEP AIR SPRING HARDWARE KIT																
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6	29-16874	5/16 - 18 Nylon Nut																
1	21-17124	JEEP JL/JK RIDE HEIGHT SENSOR HARDWARE																
1	20-17452	JEEP JL/JT RIDE HEIGHT SENSOR ASSY FRONT LEFT																
1	20-17453	JEEP JL/JT RIDE HEIGHT SENSOR ASSY FRONT RIGHT																

BOX 7		JEEP JL AIR SPRING KIT	BOX 7
QTY	ITEM #	DESCRIPTION	
1	20-17454	JEEP JL RIDE HEIGHT SENSOR ASSY REAR LEFT	
1	20-17455	JEEP JL RIDE HEIGHT SENSOR ASSY REAR RIGHT	
1	29-19245	ACCUAIR 23" WIDE WHITE BANNER	

BOX 8		JEEP JL CONTROL ARM KIT ASSEMBLY	BOX 8
QTY	ITEM #	DESCRIPTION	
2	29-15854	SWAY BAR END LINK, REAR	
2	29-15855	SWAY BAR END LINK, FRONT	
2	29-17368	M12 x 1.75 FLANGED NYLON NUT	
2	29-18226	NUT A8 (D4) M12 X 1.5 THREAD	
1	29-18254	ARN999 JL LWR FRONT DRV LK	
1	29-18255	APN999 JL LWR FRONT PASS LK	
2	29-18256	JL LOWER REAR LINK 2-4"	
1	29-18257	JL FRT ADJUSTABLE TRACK BAR	
1	29-18258	JL UPPER REAR TRACK BAR BRK	
2	29-18259	ARN999 JL/JK REAR UPPER LINK	
1	29-18262	HDWR BAG: JL24LLF	
1	29-18265	HDWR BAG: JLFTBB X 2	
1	29-18266	HDWR BAG: JLRTBU TRK BAR BK	
2	29-20735	JEEP 2024 SWAY BAR SPACER	



BOX 9		JEEP JL SHOCK KIT		BOX 9	
QTY	ITEM #	DESCRIPTION			
1	29-19809	SHOCK KIT JL			

BOX 10		JEEP INFLATION ACCESSORY KIT		BOX 10	
QTY	ITEM #	DESCRIPTION			
1	29-18105	BLOW GUN			
1	29-18125	CLIP ON SCHRADER CONNECTION			
1	29-18126	30FT BRAIDED HOSE			
1	29-18131	1/4" NPT QUICK CONNECT STUD (M)			

ACCUAIR

SUSPENSION



TROUBLESHOOTING & TECHNICAL SUPPORT

MORE INFO?
ACCUAIR DOCUMENT LIBRARY



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