



McGAUGHY'S
S U S P E N S I O N P A R T S

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FRESNO, CA 93725

2019+ DODGE RAM 3500, 4" LIFT KIT PART# 54405

*****READ ENTIRE INSTRUCTIONS BEFORE STARTING ANYTHING*****

- Before moving forward with the installation, please lay out all parts to ensure that nothing is missing. If there are any missing parts, please contact McGaughy's Suspension immediately at 559-226-8196.
- If any parts are ground on or modified in any way, then no returns will be accepted. And any warranty on all parts will be void.
- No welding is required to install any part of this kit. DO NOT weld any components.
- Oversized tires and heavier wheels can cause premature wear on all factory suspension components. You may need to install new components sooner than factory recommendations based on the wheels and tires you choose.

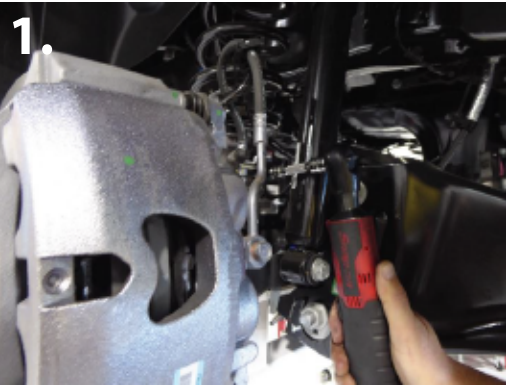


- 1. FRONT LIFT COILS
- 2. RADIUS ARM DROP BRACKETS
- 3. REAR LIFT BLOCKS
- 4. FRONT TRACK BAR BRACKET
- 5. FRONT BUMP STOP DROP BRACKETS
- 6. REAR SHOCK EXTENDERS
- 7. RADIUS ARM DROP SPACERS
- 8. REAR BUMP STOP DROP BRACKETS
- 9. FRONT SWAY BAR DROP BRACKETS
- 10. REAR U-BOLTS
- 11. FRONT SHOCKS
- 12. HARDWARE PACKS

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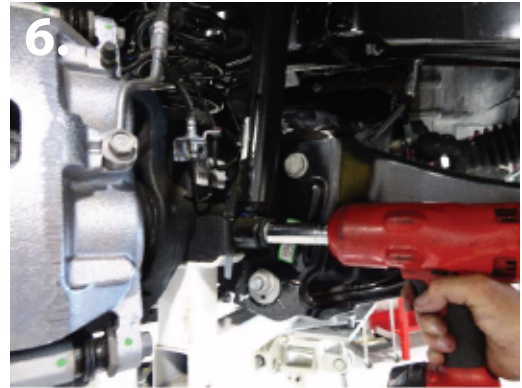
FRONT INSTRUCTIONS

With the vehicle turned off and parking brake set, secure the rear of the vehicle with wheel chocks. Use a jack to lift the front of the vehicle and place jack stands under the frame on each side.



1. Disconnect the brake lines from the front axle on both sides. There will be four bolts total. Use a 13mm socket. (pic 1-2)

2. Disconnect the sway bar link on both sides. Use a 18mm socket. (pic 3)



3. Loosen the nut on pitman arm and remove drag link. Use a 21mm socket. (pic 4)

4. Remove the track bar bolt from track bar. Use a 27mm socket. (pic 5)

5. Support the front axle. Raise the axle slightly to take the weight of the shocks. Remove the lower shock bolt on both sides. Use a 21mm socket. (pic 6)



6. Slowly lower the front axle. Be sure to keep brake lines, abs lines, and the electronic 4wd cylinder wire (on passenger side) clear of any obstructions. Do not over extend the drive line. It can break or bend if dropped too far. Be careful not to let the front coils fall as you lower the axle. (pic 7)

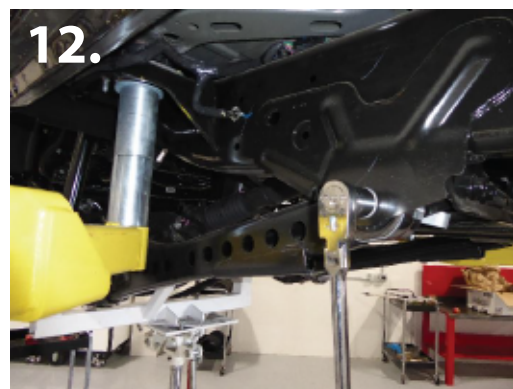
7. Remove the factory coils. Be sure to save the coil isolators to reuse on the new lift coils. (pic 8-9)



10.



11.



12.

8. Unbolt the factory front track bar mount. Use a 21mm socket. (pic 10-11)

9. Disconnect the factory radius arms at the rear mounts only. (pic 12-13)



13.



14.



15.

10. Install radius arm drop down brackets using the provided 18mm x 130mm bolt in the top factory radius arm mounting hole on the frame. (pic 14)



16.



17.



18.

11. Holding the drop down bracket up against the frame. Drill two 1/2" holes, using the existing holes in the drop down bracket as a guide. (pic 15-16)

12. Remove the bracket and re-drill the two holes out to 11/16". Tighten rivet nut with tool. (pic 17)



19.



20.



21.

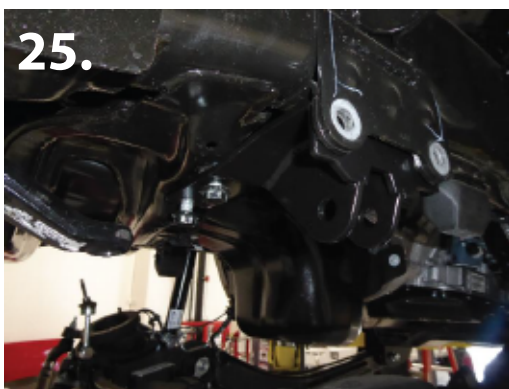
13. On passenger side only, you must cut a small section of the factory radius arm pocket, so the drop down bracket will sit flush. (pic 18-21)



14. Install the radius arm drop down brackets along with the supplied tube spacer in the top hole. Use the supplied 18mm x 130mm bolts. (pic 22)

15. Be sure to torque the bolts in the rivet nuts to 75 lbs. Do not over tighten. (pic 23)

16. Install the radius arms into the drop down brackets using the supplied 18mm x 130mm bolts. Do not fully tighten yet. Just snug them to hold them in place. (pic 24)



17. Install new front track bar bracket. Use the factory hardware, except for the inside nuts. Two new nuts are supplied. Torque to factory specs. (pic 25-26)

18. Use a cut off wheel to remove the factory bump stop mounts. The factory mounts will be reused, so do not destroy. Use the provided tap on the frame in the existing holes. Now install the factory bump stop mount on to the new drop down brackets using the supplied allen hardware. Then install the drop down bracket on to the frame using the provided hardware in the factory. (pic 27-28)



19. Install new front sway bar drop brackets using the provided 3/8" x 1" bolts. Install the factory sway bar mounts onto the new drop brackets using the factory hardware. (pic 29-30)

31.



32.



20. Install new lift coils. Be sure to use the factory coil isolators on the top and bottom of the new lift coils. The tighter windings on the coil will go towards the top on the frame. (pic 31)

21. Install the new front shocks into the factory location using the factory hardware. (pic 32)

33.



34.



35.



22. Now tighten the radius arm bolts. Go over the other bolts to make sure they are tight as well. (pic 33)

23. Install the factory track bar into the new track bar bracket using the factory hardware. Torque to factory specs. (pic 34)

24. Install the factory drag link using the factory hardware. Torque to factory specs.

25. Install the sway bar end link using the factory hardware. (pic 35)

26. The front is now finished. Go over all the bolts to make sure everything is tight and torqued to proper specs.

REAR INSTRUCTIONS

With the vehicle turned off and parking brake set, secure the front of the vehicle with wheel chocks. Use a jack to lift the rear of the vehicle and place jack stands under the frame on each side. Properly support the rear end housing.



1.



2.

1. Remove the factory lower shock bolts. (pic 1)

2. Loosen one side of the vehicle's u-bolts, but do not remove. Then remove the u-bolts on the opposite side of the vehicle.

3. Slowly lower the rear end housing. Be sure all brake lines and wires are clear of any obstructions. (pic 2)



3.



4.

4. Install new lift blocks and u-bolts on one side. Netx, do the same on the opposite side of the vehicle. Torque to 170 lbs. (pic 3) *BE SURE TO RE-TORQUE AFTER FIRST 200 MILES*



5.



6.



7.

11. Install rear bump stop drop brackets using the provided 3/8" x 1-1/4" bolts. (pic 5-6)

12. Install rear shock extenders using the provided 9/16" x 3" hardware. (pic 7)

13. Rear is now finished. Be sure to go through all bolts to make sure they are tightened to proper specs.