



**2014 - 2022 Ram Promaster
1500/2500/3500
3" Lift Kit**



Thank you for using Journeys Off Road as your source for suspension and overland products!

Journeys Off Road LLC (JOR) recommends that a certified technician installs these components. In addition to the following instructions, professional knowledge of disassemble/reassembly procedures as well as a follow up inspections and checks. Attempts to install these components with out this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read all instructions before beginning installation. Check the Kit Contents above to ensure you have received all parts. If you have questions or are missing parts please call us at 1-928-925-2360. We would love the opportunity to answer your questions.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Check and re-tighten wheels at 50 miles and again at 500 miles. Periodically inspect all hardware for tightness. Be sure you have all necessary tools, parts and a understanding of where they go before beginning installation.



Ram Promaster 1500/2500/3500 Journeys Off Road Lift Kit



Kit Contents:

- (2)-Strut Extensions
- (2)-Rear Spindle Lift Brackets
- (6)-32mm Spacers
- (4)-16mm Spacers
- (1)-Spring Compression Tool
- All necessary hardware

Packed By: _____

Date: _____

Product Use Information:

WARNING: As a general rule, a taller a vehicle is the easier it will roll. We strongly recommend that seat belts and shoulder harnesses be worn at all times. Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Do not add, alter or fabricate ant factory or aftermarket parts which increase height over the intended height of the JOR components purchased. We will not warranty for any product that has been altered.

By purchasing any item sold by Journeys Off Road LLC, the buyer expressly warrants that they are in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Journeys Off Road LLC, for all claims resulting directly or indirectly from purchase, ownership, or use of the items.

FRONT:

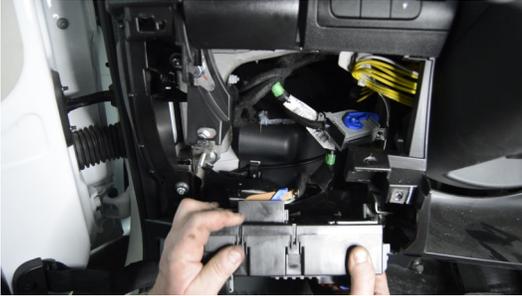


Figure. 1



Figure. 2



Figure. 3



Figure. 4

1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. Disconnect Battery
3. Jack and support your vehicle using factory specified lift points.
4. Remove Front Wheels
5. Driver Side Interior: Remove fuse box cover, remove lower trim panel, remove storage compartment left of steering column, detach fuse panel, remove fuse block connector to allow the panel to move out of the way. (Fig. 1)
6. Passenger Side Interior: Open glove box and release latches inside, put in furthest down position, remove screw on left side to remove glove box cover, remove 3 screws under mat on the storage shelf, remove screw on right side of storage shelf, remove trim panel exposing the top of strut. (Fig. 2)
7. Support front sub-frame with adequate jack.
8. Remove right front plastic tray/wheel well.
9. Remove ABS and Brake Hoses from brackets on strut. (Fig. 3)
10. Disconnect Tie-Rod End from Steering Knuckle (Fig. 4)
11. Remove pinch nut bolts at steering knuckle.

FRONT:



Figure. 6



Figure. 7



Figure. 8



Figure. 9

12. Loosen all 4 rack and pinion bolts. (Do Not Remove)
13. Remove transmission to subframe mount bolt at transmission. (Fig. 6)
14. One at a time, remove and replace all subframe bolts with provided 16mm bolt and washer. 2-3 full turns. (Fig.7)
15. Lower jack supporting subframe, so that the subframe is resting on the longer bolts.
16. Starting with the passenger side remove strut from steering knuckle.
17. With a helper holding the strut remove the 3 nuts that mount the strut. Lower and remove from vehicle.
18. Once strut has been removed install the strut extension using factory hardware with Loctite and torque to factory specification 41 ft-lbs. (Fig. 9) (NOTE: Notch in part towards rear)
19. Install compression tool on strut, secure tool to strut using u-bolt, do not over-tighten! Compress strut as needed to reinstall into the vehicle. (Fig. 8-9)
20. With a helper holding the strut in place, lightly secure strut nuts.
21. Reinsert bottom of strut into steering knuckle and tighten pinch nut to 129 ft-lbs. (It may require prying carefully or removing 1-2 subframe bolts. Do not remove any more than necessary as realigning subframe is extremely difficult)
22. Remove compression tool from strut and repeat this process on the drivers side. When installing the strut on the drivers side you may need to leverage the passenger side by lifting at the lower ball joint with a jack.
23. Tighten the 6 strut mount nuts inside the vehicle to 41 ft-lbs. Reinstall interior components.



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FRONT:

24. Remove one subframe bolt at a time and install the large aluminum spacer in between the subframe and the body.
25. Remove one steering rack bolts at a time and install the small aluminum spacer between the subframe and the rack.
26. Torque subframe bolts to 150 ft-lbs and the rack bolts to 110 ft-lbs.
27. Reinstall the transmission mount bolt and torque to 180 ft-lbs.
28. Reinstall the outer tie rod ends to steering knuckle and torque to 66 ft-lbs of torque.
29. Reinstall ABS wire and brake hose to strut.
30. Reinstall front wheels and torque lug nuts to 146 ft-lbs.

Notes:

Depending on the model of Promaster, modification to the intermediate steering shaft rubber grommet where the shaft meets the floor may be required.

REAR:



Figure. 10



Figure. 11



Figure. 12

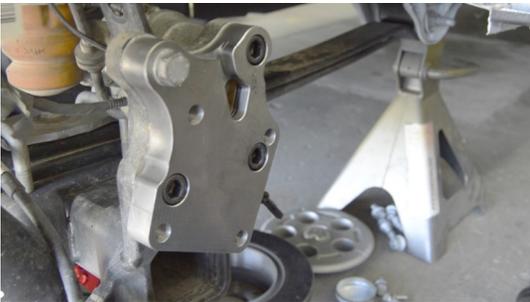


Figure. 13

1. On level hard surface jack and support vehicle using factory specified lift points.
2. Remove rear wheels.
3. Remove rear brake caliper and secure in a location with slack on brake hose.
4. Remove brake rotor. (Fig. 10)
5. Carefully pry out spindle nut dust cover.
6. Remove spindle nut and slide off wheel hub/bearing assembly.
7. Remove parking brake drum shoes note the position and orientation of springs and actuator mechanism for reinstallation. (Fig. 11)
8. Remove dust shield .
9. Remove ABS wheel speed sensor from spindle assembly. (Fig. 12)
10. Remove spindle assembly from axle.
11. Clean all mating surfaces for reinstallation.
12. Install the spindle lift plate with the provided 3 of the M14x1.5x30MM and use the factory bolt in the non counter sunk hole. Use provided Loctite and torque to 140 ft-lbs. (Fig. 13)

REAR:



Figure. 14

13. Install the ABS wheel speed sensor into to spindle, carefully position wire while aligning spindle to lift plate. Install using the 4 JOR provided M14x1.5x40mm screws and Loctite, torque to 140 ft-lbs. (Fig. 14)

14. Reinstall parking brake cable into spindle.

15. Reinstall dust shield.

16. Reinstall parking drum brake components. (Fig. 15)

17. Reinstall wheel hub/bearing assembly and spindle nut torque to 257 ft-lbs. Then restake the hub nut, the staking must be in the opposite direction from the forward rotation of the wheel. (Fig. 16)



Figure. 15

18. Reinstall spindle nut dust cover.

19. Reinstall brake rotor. Once rotor is installed rotate to check adjustment of parking brake.

20. Install caliper bracket with provided M14x1.5x30mm using Loctite and torque to 100 ft-lbs. (Fig. 17)

21. Repeat process on opposite side.

22. Before installing wheels, check abs wire, parking brake cable and brake hose for proper fitment and routing.

23. Reinstall wheels and torque lug nuts to 146 ft-lbs.

24. Lower vehicle from jacks.

25. Pump brake pedal before moving vehicle for firmness.



Figure. 16



Figure. 17



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Important Notes!

- Once this kit has been installed, when the vehicle is hoisted or off the ground it is important to ensure the front wheels do not spin as this could cause damage to the CV axle. This can stress the CV Axle at critical angles and result in premature axle failure.
- A good maintenance policy is to check your front CV Axle Boots during tire rotations and oil changes to verify that they are in good condition.
- Now that the van is lifted the increases the center of gravity, which could affect how the vehicle sways. To reduce the affects of the sway you can use the SumoSprings Helper Spring which is available on our website!