



#J9210 Installation Instructions 2007-13 Jeep Wrangler JK 2" Body Lift Kit

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

» TECHNICAL SUPPORT

Live Chat provides instant communication with Zone tech support. Anyone can access live chat through a link on www.zoneoffroad.com.

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech@zoneoffroad.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
5. Zone Offroad Products body lifts are designed to be used on vehicles in good operating condition. It is not recommended that body lifts be used on vehicles in poor physical shape. This includes rusted body mounts, damaged or worn frame-to-body mounting brackets, and poor mechanical condition. Perform a visual inspection of the vehicle before beginning installation.
6. Vehicles equipped with a manual transimssion will require shifter boot and floor board modification to allow full shifter engagement.

Difficulty Level

easy 1 **2** 3 4 5 difficult

Estimated installation: 4 hours

Special Tools Required

Hack Saw or equivalent

Tire/Wheel Fitment

33x12.50 tire/16x8, 4.5" B.S. wheel

Kit Contents

Qty	Part
10	3" wide x 2" tall Body Lift Block
2	Front Body Mount
1	Bolt Pack
1	Steering Extension
1	3/8" x 4" Long Hose
1	Loctite
2	Zip Tie

Bolt Pack 239

Qty	Description
10	12mm-1.75 x 160mm bolt class 10.9 clear zinc
2	1/2"-13 x 1" bolt grade 8 yellow zinc
2	1/2"-13 prevailing torque nut yellow zinc
4	7/16" USS flat washer thru-hardened yellow zinc
1	3/8"-24 x 1-1/4" SHCS
1	1/4"-20 x 1/2" Set Screw



Installation Instructions

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the positive and negative battery cables.
3. Remove the grill by carefully removing the 5 plastic retainers along the top of the core support. With the retainers removed, pull out on the lower edge of the grill to release the retainer clips. Pull the grill out to access the turn signal wiring. Disconnect the turn signal wiring from the turn signal housings and remove the grill from the vehicle. Save all plastic clips. **Figure 1**

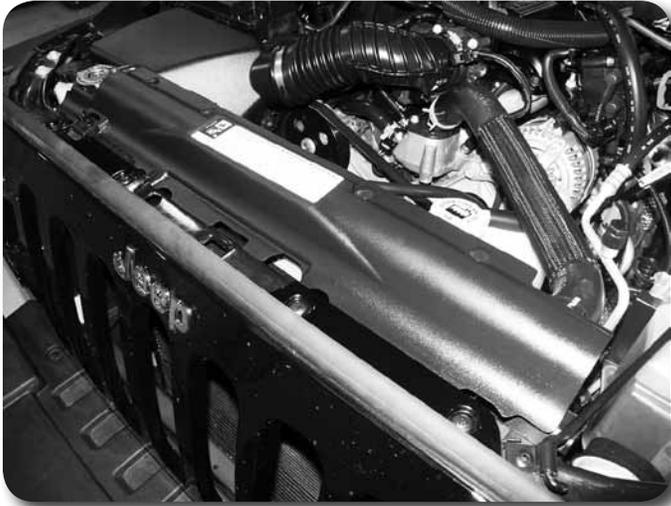


Figure 1

4. Remove the plastic radiator cover.
5. Disconnect the air intake tube from the air box by loosening the hose clamp. **Figure 2**
6. Remove the engine breather hose from the air box cover. **Figure 2**

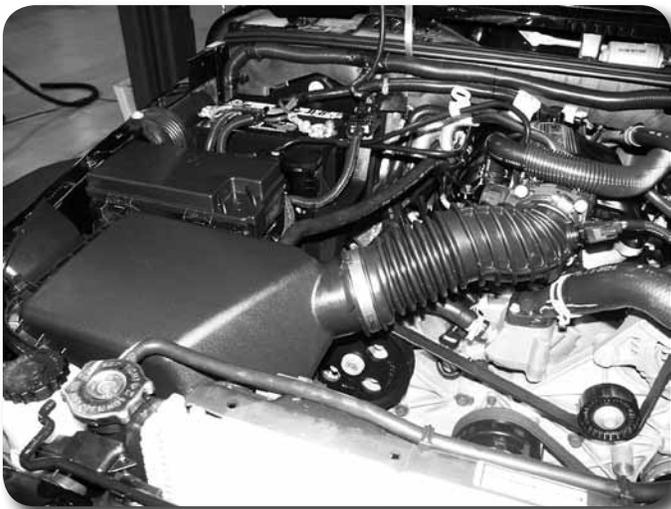


Figure 2

7. Pull up on the air box to release it from the rubber grommet retainers and remove the air box from the vehicle.
8. Disconnect the power steering reservoir from the core support by removing the mounting bolt. Pull the reservoir free from the mounting tab and allow it to rest out of the way. Save bolt. **Figure 3**

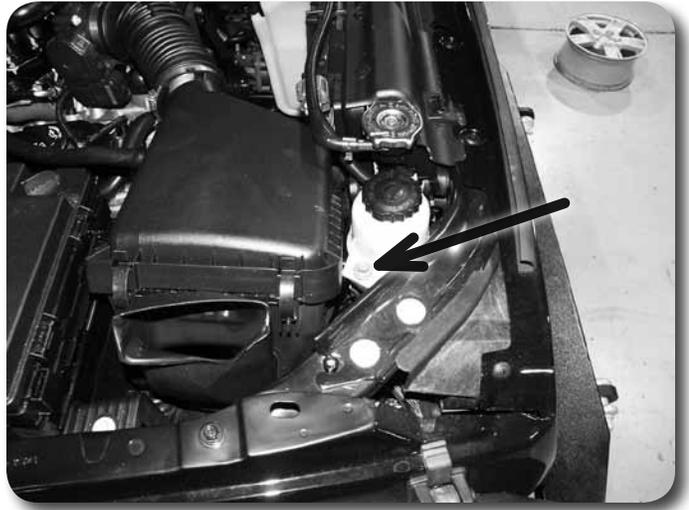


Figure 3

9. Disconnect the large wire connector near the passenger's side of the radiator. Carefully remove the connector end from the body by pulling the plastic retainer clip free. It will be reattached to the body after lifting. Note: The large lever must be flipped up to release the connector ends from one another. Figure 4

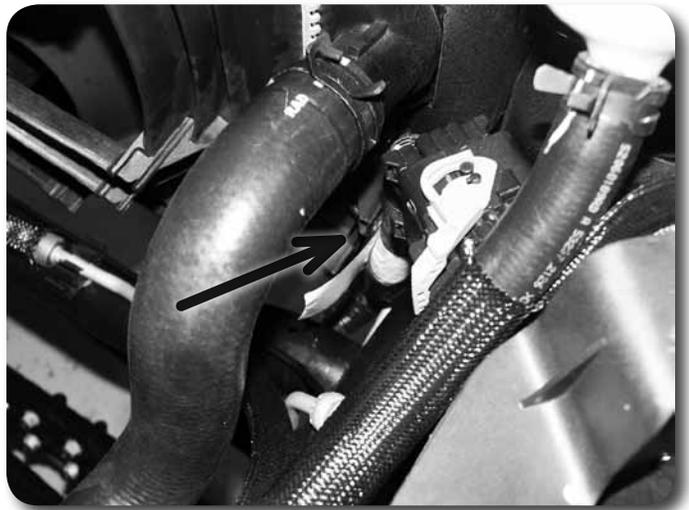


Figure 4

10. Disconnect battery cable retaining clip from the firewall. Figure 5
11. Disconnect ground cable from the stud on the passenger's side firewall. Save nut. Figure 5

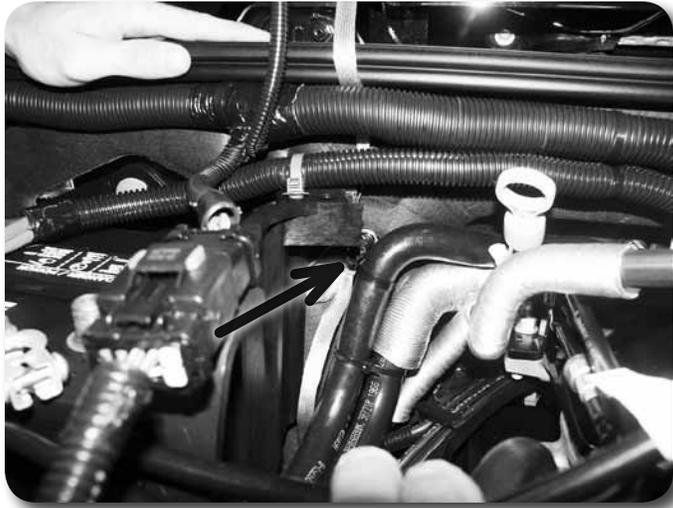


Figure 5

12. Disconnect wiring harness bracket from the studs on the driver's side firewall along with plastic clips from firewall. Retain nut. Figure 6 & 22



Figure 6

13. Lock the steering wheel. Mark the relationship between the steering shaft and the upper steering column at the universal joint coupler. Remove the pinch bolt and disconnect the coupler from the upper steering column shaft. Save pinch bolt. Figure 7



Figure 7

14. If equipped, disconnect the AC compressor wire connector from the compressor.
Figure 8

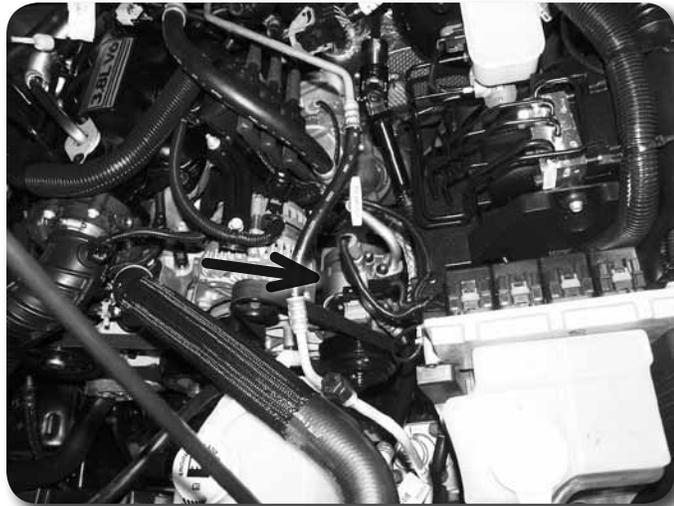


Figure 8

15. Disconnect the radiator overflow tube from overflow bottle. Figure 9



Figure 9

16. Pull up on the overflow bottle and remove it from the fan shroud.
17. Disconnect the wire connector for the electric fan on the passenger's side of the fan shroud. **Figure 10**



Figure 10

18. Remove the two bolts (one per side) mounting the fan/fan shroud to the radiator. Pull the fan shroud up out of the lower retaining clips and remove it from the vehicle. Save bolts. **Figure 11**



Figure 11

19. Disconnect brake lines from the plastic retaining clip on the driver's side frame rail near the front inner fender. **Figure 12**



Figure 12

20. Disconnect parking brake cable retainer from underside of body by removing the two mounting nuts from the floor studs. Remove the retaining bracket from the brake lines. Figure 13



Figure 13

21. Disconnect the differential breather line from the passenger's side rear inner fender. Figure 14



Figure 14

22. With the grill removed the top of the two front body mounts can be accessed. Remove the two nuts (per mount) holding the body mounts to the body. Save nuts. Figure 15

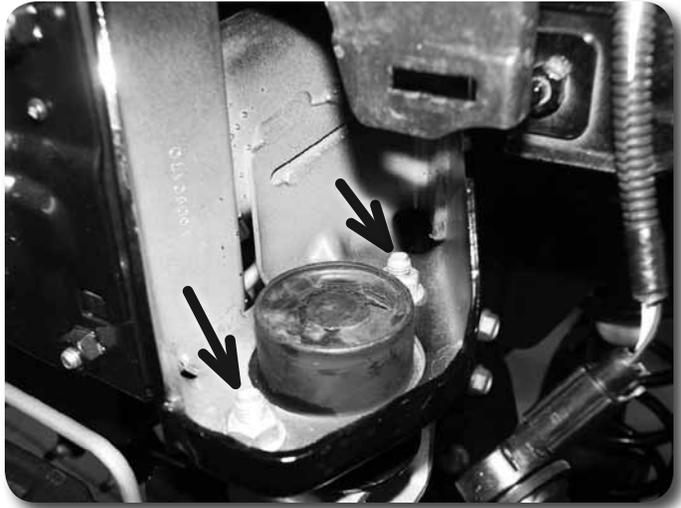


Figure 15

23. Loosen but do not remove all 10 (8 on 2-door models) body mount bolts. The bolts thread from the bottom up into the body.
24. Remove the 5 (4 on 2-door models) passenger's side body mount bolts/nut. The large washer is captive on the bolt and must be removed for reuse. Set the bushing across the jaws of a vise and pound the bolt through with a hammer. This will be necessary with all body bolts. **Figure 16**
25. Using two hydraulic jacks and wooden blocks, lift the passenger's side of the body just high enough to place the 3" wide x 2" tall body lift blocks between the body and the frame. Constantly be checking for any wires, hoses, etc that may be over-extending, especially the wires pointed out in **Figure 6**.

Step 24 Note

All of the body mount bolts have a bullet nose that can be struck with a hammer without damaging the bolt threads. If a bench vise is not available, use two blocks of wood.



Figure 16

26. Disconnect the front mount from the frame by removing the lower nut. Remove the mount from the frame. Retain the nut. The hex end portion of the mount stud needs to be trimmed off flush with the threads using a cut-off wheel or hack saw. **Figure 17A & 17B**

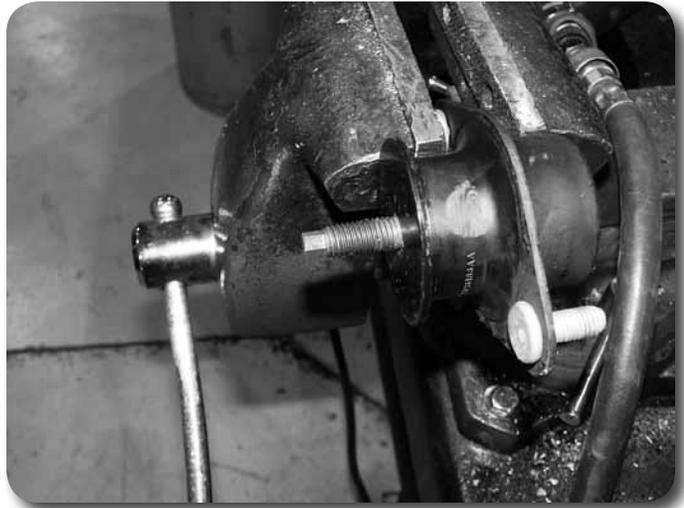


Figure 17A



Figure 17B

27. Loosely install the provided front steel body spacer to the modified body mount with the factory nut. Install the body mount with spacer back in the body and fasten with the OE nuts. Torque nuts to approximately 65 ft-lbs. **Figure 18**



Figure 18

28. When all the blocks are installed, fasten the 5 (4 on 2-door models) back mounts with 12mm x 160mm bolts and with the factory large washers. Attach the front mounts with a 1/2" x 1" bolt, nut and 7/16" USS washers running from the bottom up. Leave all hardware loose.
29. Lower the body onto the blocks and repeat the procedure on the driver's side. While lifting the driver's side pay close attention to the brake lines running from the frame to the master cylinder. They have ample room to flex but may need reformed by hand to reduce strain on the fittings.
30. With both sides lifted, go back and remove each 12mm bolt one at a time and coat the threads with Loctite. Torque all 12 (10 on 2-door models) body bolts to 65 ft-lbs. Tighten the front factory mount nuts securely (approx. 65 ft-lbs).
31. Adjust the slack in the rear differential breather hose as necessary and reattach it to the passenger's side rear inner fender.
32. Reinstall the fan/fan shroud to the radiator with the factory hardware. Tighten mounting screws securely.
33. Reinstall the overflow bottle on the fan shroud. The upper radiator hose will have to be pulled out of the way slightly. Once the bottle is in place, ensure that the radiator hose is setting on the rubber isolator on the overflow bottle.

Figure 19



Figure 19

34. Attach the overflow hose to the overflow bottle.
35. Attach the wire harness connector to the electric fan wire.
36. Attach the power steering reservoir to the original mounting bracket on the core support with the factory bolt. Torque bolt to 10 ft-lbs.
37. With the power steering reservoir in place the lower supply line will be resting on the bottom of the front frame crossmember. Cut a slit down one side of the supplied 3/8" hose and install it over the power steering line between the crossmember and the line to prevent chaffing. In addition, the line can also be carefully bent slightly by hand to add clearance directly below the crossmember. Use the supplied zip ties to hold the hose in place as necessary. **Figure 20**

Step 28 Note

All new hardware necessary for the installation of this lift is located in hardware pack #239

Step 32 Note

Be sure the shroud is secure in the bottom retaining tabs before installing the factory mounting hardware.

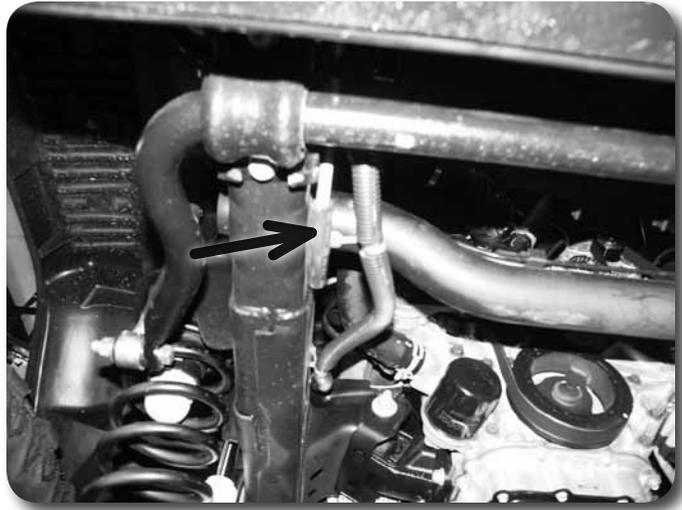


Figure 20

38. Install the air box in its original location. Reattach the engine breather hose and intake hose to the air box. Tighten the intake hose clamp securely.
39. Reattach the ground cables at the passenger's side firewall to the original mounting stud with the stock nut. Torque nut to 10 ft-lbs.
40. If possible, reattach the battery cable to the center of the firewall with the original plastic retainer. Use the supplied zip tie to secure the line if the original retainer cannot be reused. **Figure 21**



Figure 21

41. Attach the large wiring harness bracket to the driver's side firewall so that the lower stud now goes through the mounting hole in the bracket. The upper stud will run directly above and rest in a recessed portion of the bracket. Fasten the bracket with the factory nut. Reattach any clips that were disconnected in step 12. Torque nut to 10 ft-lbs. **Figure 22**



Figure 22

42. Install the provided steering extension to the upper steering column shaft. Fasten the steering extension with a 3/8" x 1-1/4" Allen head bolt. Use Loctite on the bolt threads and torque to 40 ft-lbs. Install a 1/4" set screw in the side hole on the extension and tighten to 10 ft-lbs.
43. Attach the lower steering shaft to the steering extension by lining up the marks made during disassembly. Fasten the shaft to the extension with the factory bolt. Use Loctite on the bolt threads and torque to 40 ft-lbs.
44. Attach the AC compressor wire to the AC compressor.
45. Install the grill on the vehicle with the factory plastic fasteners.
46. Reinstall the radiator cover.
47. Reconnect battery cables and tighten hardware securely.

»» **MANUAL TRANSMISSION VEHICLES**

48. It will likely be necessary to trim the floor board underneath the shifter boot in order to allow the shifter full engagement. Test shifter engagement and if trimming is necessary proceed to the following steps.
49. Pull up on the shifter knob to pull it off of the shifter.
50. Pull up on the rear of the shifter boot at the console to release the clips and remove. **Figure 23**



Figure 23

51. Pull up on the inner shifter boot and remove.
52. Manually attempt to shift the transmission into 2nd, 4th, 6th and reverse gears. Mark the interference points and cut or grind it away to provide clearance using an appropriate cut off tool or die grinder. Figure 24



Figure 24

53. The inner shift boot will also need to be modified for shifter clearance. Figure 25A-B Using a cut off tool, cut the inner lip of the boot where it interferes with the shifter. Cut slits in the plastic around the circumference of the boot to allow it to flex within the cleared location. Take care not to cut the rubber boot.



Figure 25A



Figure 25B

54. Re-install shifter boots and shift knob and verify correct operation.
55. Check all hardware for proper torque
56. Check hardware after 500 miles.

Post-Installation Warnings

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 100 miles. Always inspect fasteners and components during routine servicing.