

BLACK MOUNTAIN SUSPENSION

www.blackmountainsuspension.com

1" Body Lift installation instructions

Before beginning the installation of your Black Mountain body lift, please take a moment and make sure all of the pieces of the kit are included. If you are missing a component, please give us a call to receive a replacement before installing your kit.

Parts List:

- 1"x3" Lift Blocks (2)
- 1"x2" Lift Blocks (9)
- Bump Stops (2)
- Trans Linkage Drop Bracket (1)
- Zip Ties (2)
- 1/2" x 13 x 4 1/2" Bolts (6)
- 7/16" x 14 x 3 1/2" Bolts (5)
- 1/2" SAE Washers (11)
- 5/16" x 3/4" Bolts (2)
- 1/4" x 1" Bolts (2)
- 5/16" Nylock Nuts (2)
- 1/4" Nylock Nuts (8)
- 5/16" USS Washers (2)
- 1/4" SAE Washers (10)
- Radiator Drop Brackets (6)

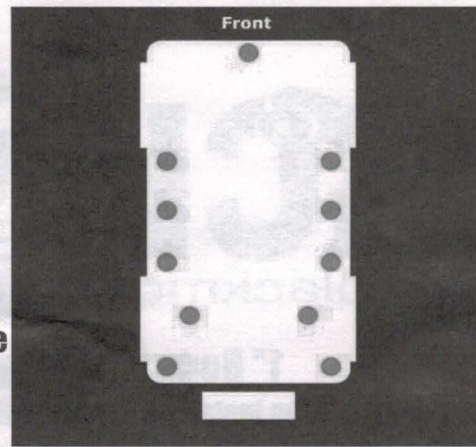


Installation Instructions:

1. Make sure vehicle is parked on level ground and place blocks behind and in front of the tires to make sure the vehicle is secured before beginning installation.
2. Open hood, disconnect both positive and negative terminals on the battery and remove the radiator overflow bottle.
3. Remove bolts holding radiator/fan shroud and let the radiator hang back from the radiator support.
4. Loosen, but DO NOT remove the body mount bolts . There are 11 total. One up front, three on each side of the body, two in the wheel wells near the shocks, and two on the rear crossmember.

5. At this point, remove the body mount bolts on the driver's side of the vehicle and **SLOWLY** jack up the body until there is enough clearance to slide the lift pucks into place on top of the factory rubber body bushings. Now, thread in the new bolts but do not tighten them down at this time.

6. Once all the pucks have been installed on the driver's side, let the jack down on that side and repeat the procedure on the passenger side of the vehicle. Also, when installing the passenger side spacer pucks, be sure to install the center lift puck on the front of the vehicle under the grill shell.

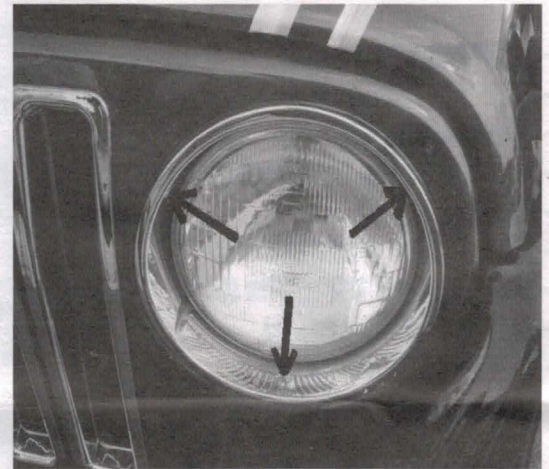


7. Remove the three screws on the headlight bezel to gain access to the grill support bumpstops.

8. Remove the factory bumpstops and install the new bumpstops included in the kit. Replace the headlight bezels.

9. Once all of the bolts are in and all of the pucks are in the correct location, tighten all the body mount bolts.

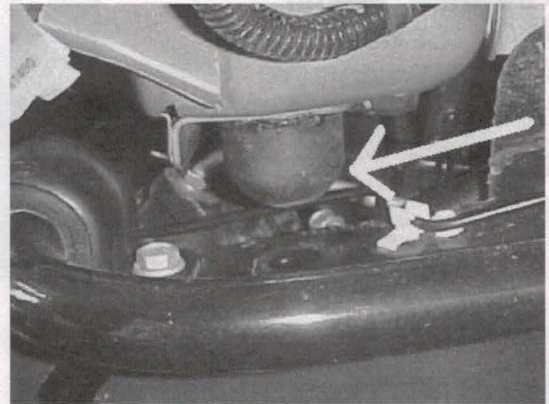
10. At this point it is time to reinstall the radiator shroud using the radiator drop brackets that are included in the kit. This step is very important to allow the fan to keep from rubbing the shroud when the vehicle is running.



11. Once completed with step 10, the radiator overflow bottle can now be reinstalled.

12. Now is the time to install the transercase drop down bracket. Underneath the vehicle, the linkage can be seen attached to the body near the transercase. Start by unbolting the two bolts holding the bushing/retainer and grommet to the body bracket.

13. Under the driver's side carpet in the floor panel there will be 4 bolts holding the body bracket to the tub. Remove these four bolts and return to the underside of the vehicle to separate the body bracket from the shaft, bushing and gasket.



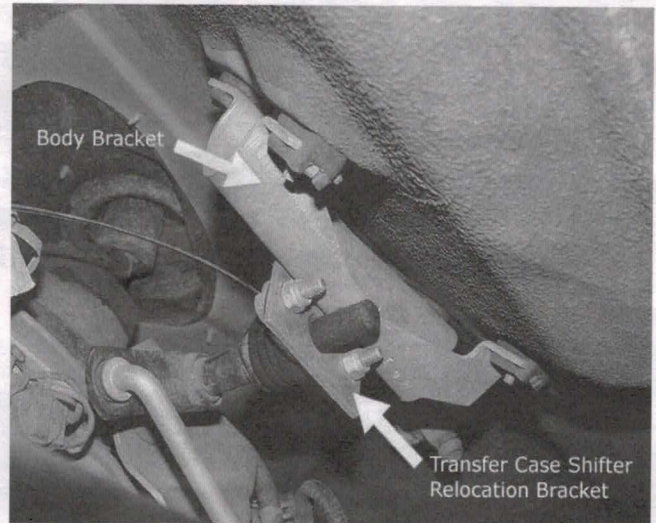
14. Now, bolt the relocation bracket to the body bracket and slide the rubber grommet through the hole on the relocation bracket and put the bolts in that hold the bushing to it.

15. Slip the torque shaft back through the bushing and grommet and reinstall the body bracket to the tub. You might need a second set of hands on the top side of the jeep to get everything lined up to reinstall the bracket. Look at image for an example of the bracket installed.

16. At this point, double check all of the hardware you have installed to make sure it is tight and installed correctly. Check for fan clearance and transfer case shifter function to make sure that everything is correct before driving the vehicle.

17. It may be necessary to adjust the rear axle vent line. If so, use the included zip-ties to hold down the vent line and vent hose.

18. It may also be necessary to adjust the two clamps on the fuel filler hose, vent hose and fuel filler assembly on the vehicle.



ALWAYS REMEMBER: Installation of a body lift will change the center of gravity and the handling characteristics of your vehicle. Because of the higher center of gravity and larger tires, the vehicle will hangle and react differently both on and off road. You must remember to drive safely. Extreme care must be taken to prevent vehicle rollover or loss of control, which could result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers and always make sure all vehicle occupants have their seatbelts fastened.

Many states have lift laws and minimum and maximum bumper height requirements. Please consult with local and state laws to determine if this body lift is in compliance with such laws. Also, before installing the body lift along with a suspension lift, please consult a professional to assure that everything will work with your specific application.