

<u>TOOLS NEEDED</u>	<u>BILL OF MATERIALS</u>
<ul style="list-style-type: none"> <li>• Metric tools</li> <li>• Floor jack</li> <li>• Jack stand (s) 4</li> <li>• Wheel chocks</li> <li>• Drill and 3/8 bit</li> </ul>	<u>BOM FOR 3/4 KIT</u>
	Part # Description Qty
	M20300 3" FT spacers 2
	M20301 3" Rear spacers 2
	BU76123 hardware 1
	M20066 Ft bump ext 2
	M20333 Rear bump ext 2
	S11090 Sway Bar Drop brackets 2
	KU01009 Ft shocks 2
	KU01010 Rear shocks 2
	P11183 Loctite 1
	S20370 Rear track bar bracket 1



OFF-ROAD JEEP PARTS & ACCESSORIES

## 3" LIFT INSTRUCTION SHEET

**BM09153** – 2007 to Current Jeep JK 3" Lift with Shocks



### **Thank you for choosing Black Mountain Products**

Black Mountain recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassembly/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating of the vehicle.

Please read all the instructions before beginning the installation. Check the kit hardware against the parts list. Be sure you have all the needed parts and understand where they go. If anything is missing, do NOT proceed with the installation, call Black Mountain Jeep to obtain needed items.

### **Product Use Information**

As a general rule, the taller a vehicle is, the easier it will roll – we strongly recommend that seat belts and shoulder harnesses be worn at all time; due to the possibility of vehicle roll-over. Avoid situations where a side roll-over may occur.

Braking performance and capabilities are decreased when significantly large/heavier tires and wheels are used.; take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed.

Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Black Mountain product purchased. Mixing component brands, lifts, and/or combining body lift with suspension lift voids all warranties. Black Mountain makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any products that is altered.

### **Notice to Dealer and/or Vehicle Owner**

Any vehicle equipped with any Black Mountain Product must have the “Warning To Driver” decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of it’s unique handling characteristics. INSTALLING DEALER – It is your responsibility to install the warning decal and forward these instructions on to the vehicle owner for review and to be kept in the vehicle for service life.

After installation, a qualified alignment facility is required to align the vehicle to factory specs.

29. Install the rear wheels and lower the vehicle to the ground.
30. The vehicle should have a professional wheel alignment done at this time.
31. Check all bolts, nuts & lug nuts after 500 miles. Re-tighten if necessary .





20. Remove the stock bump stops and install the bump stop extenders, then install the stock bump stop into the extender as done on the front installation.



21. With the coil removed, install the rear lift spacer over the stock spring isolator and re-install the coil spring.
22. Install the bushings, sleeves, and shock boots on the supplied Black Mountain shock absorbers.
23. Install the new longer Black Mountain shocks at the top first, then jack up the axle to connect the shock to the lower mount. Use the factory hardware.
24. On each side, reconnect the brake line brackets to the frame.
25. Install the rear sway bar drop down bracket.
26. Place the supplied bracket between the stock sway bar bracket and the frame.
27. Place the two (2) short sleeves into the bracket as shown.
28. Install the two (2) longer (10mm x 60mm) bolts with washers and loctite, then tighten the bolts.



### **Installation Steps**

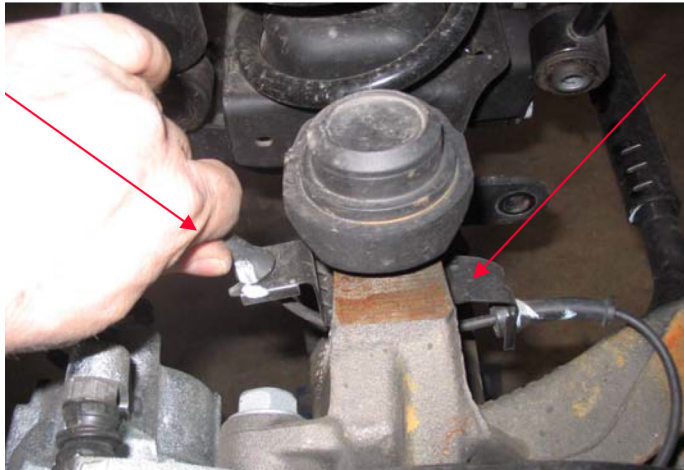
1. Jack up the front of the vehicle and support the vehicle at the frame with jack stands. Put wheel chocks behind the rear tires.



2. With the jack under the front axle, jack up the axle to remove the driver side and the passenger side wheels, disconnect the sway bar end link on the driver side as well as the passenger side.



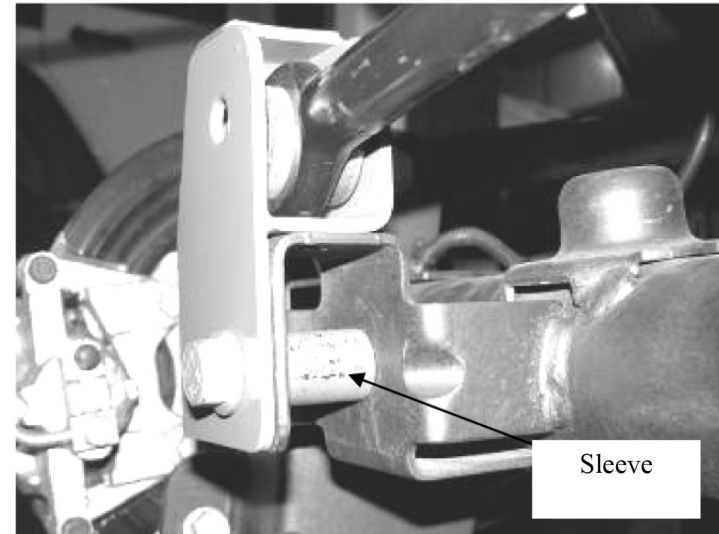
3. Disconnect the ABS line from the bracket on the steering knuckle on the driver side then the passenger side. Remove the factory shocks.



4. With the shocks removed, and sway bar and ABS line disconnected, lower the axle down to remove the coil springs on the driver side first, then the passenger side.



16. After drilling the two (2) holes place the track bar bracket on the axle.  
17. Install the supplied sleeve and stock track bar bolt in the lower mounting hole.

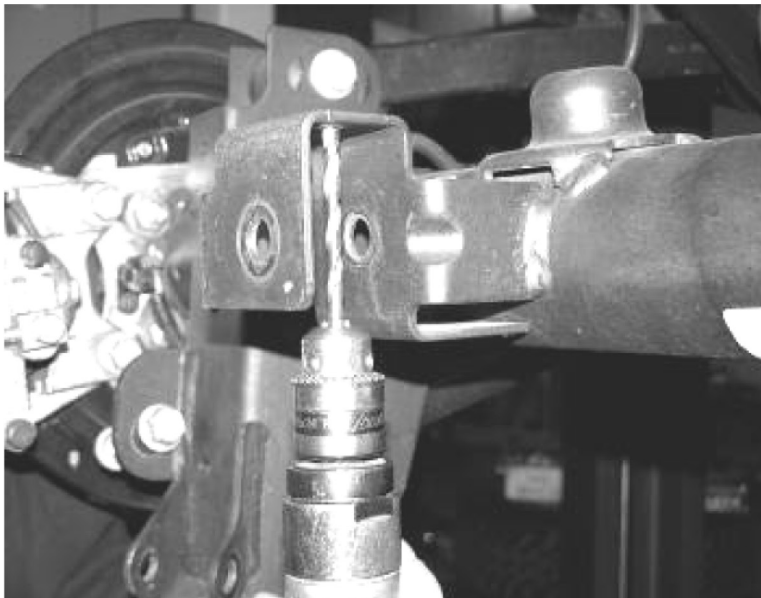
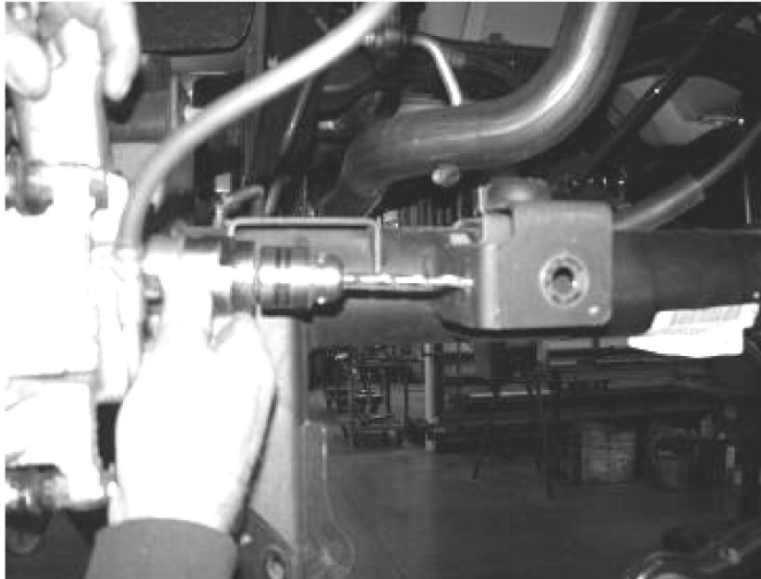


18. Install the supplied 3/8"x1" bolts in the holes just drilled. Tighten the stock track bar bolt and the 3/8" bolts.  
19. Position the track bar in the upper portion of the track bar bracket and secure it using the supplied 9/16"x3" bolt, washer and nut. Tighten





15. After marking the holes, remove the bracket from the axle and drill the 2 3/8" holes.



5. With the coil spring removed, install the Black Mountain lift spacer over the stock spring isolator.



6. Pry out the factory bump stops and install the supplied bump stop extenders in the factory cups. Then install the factory bump stops in the lower end of the extenders. It may be necessary to lubricate the bump stops to fully seat them in the extenders.



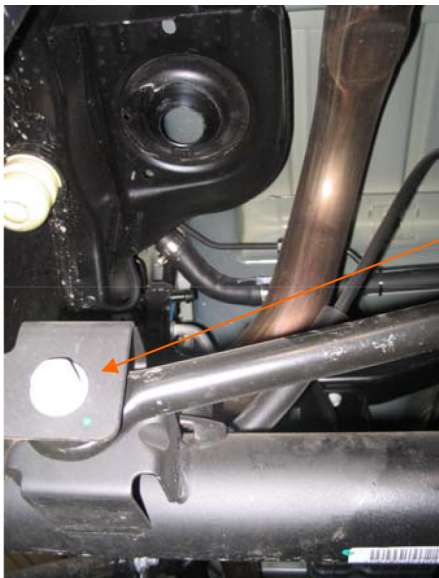
7. Install the coil springs on the driver side first then the passenger side and jack up the axle to seat the springs and spacers.  
8. Install the bushings, sleeves, and boots on the supplied longer shock absorbers. Install the new shocks using the factory hardware.  
9. Re-install the sway bar links and ABS lines in their factory locations.



10. Install the front wheels and lower the vehicle to the floor.
11. Place the wheel chocks at the front wheels and jack up the rear suspension. Support the vehicle at the frame and remove the rear tires.
12. With the jack under the rear axle, raise the axle so you can remove the rear shocks. Disconnect the rear sway bar at the frame. Also, unbolt the bracket that holds the brake line to the frame.



13. Remove the rear track bar at the axle end.



7. Place the new rear track bar bracket on the rear axle. Using the track bar bolt, bolt down the bracket and make a mark (using a punch or marker) where you will need to drill the two (2) new mounting holes.

