Installation Instructions

Eibach Inc .264 Mariah Circle Corona, CA 92879 USA Tech Support 800-507-2338 ext. 114

LOAD LEVELING #AK31-59-005-01-02

Kit Contents

Description	Part Number	Quantity
Spring, Rear	1200.375.0200S	2
Rear Adjuster Sub-Assembly	AK31-59-005-ADJ	1
Bump Stop Sub-Assembly	AK31-82-071-BMP	1

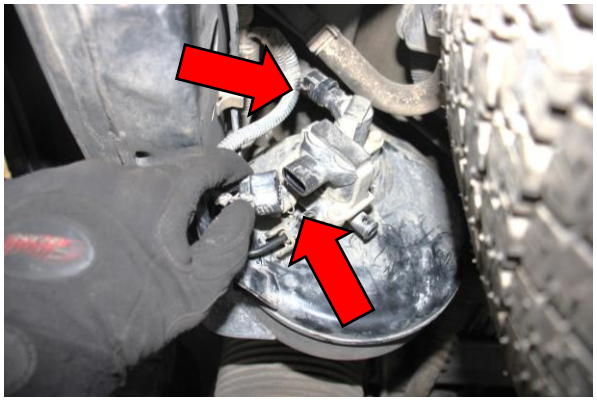
Notes

Read all instructions before beginning installation

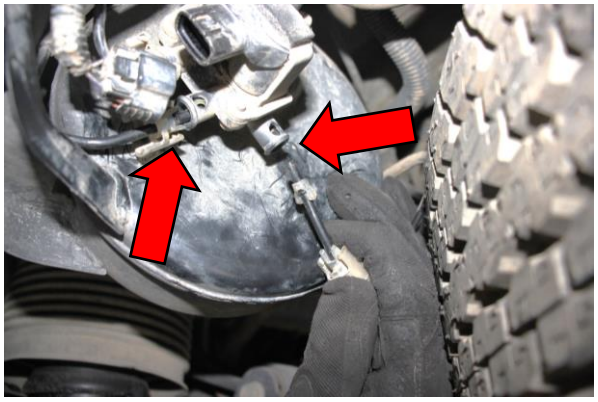
Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.

Never work on or under a vehicle unless it is properly supported.

Installation



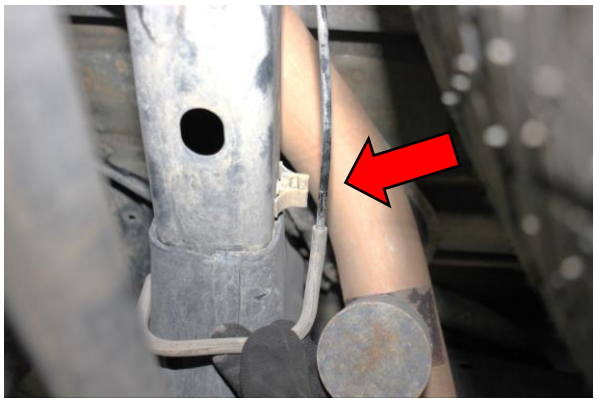
Step 1



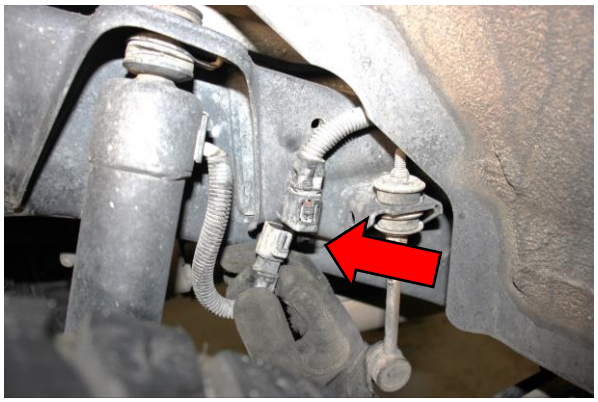
Step 2

Step 1. Raise the rear of the vehicle until the wheels are off the ground, making sure the vehicle is properly supported, then, disconnect the air compressor electrical connections as shown.

Step 2. Disconnect the air lines from the compressor as shown.



Step 3

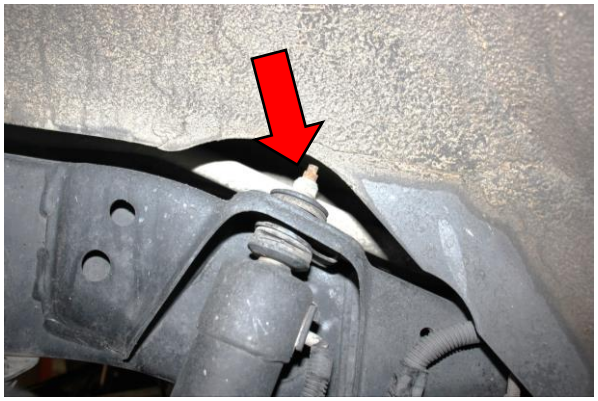


Step 4

Step 3. Unclip the air lines from both the driver and passenger side frame rails.

Step 4. Disconnect both the left and right side shock electrical connections.

Step 5



Step 6

Step 5. Loosen and remove the hex nut that secures both the left and right side end links to the ends of the anti roll bar.

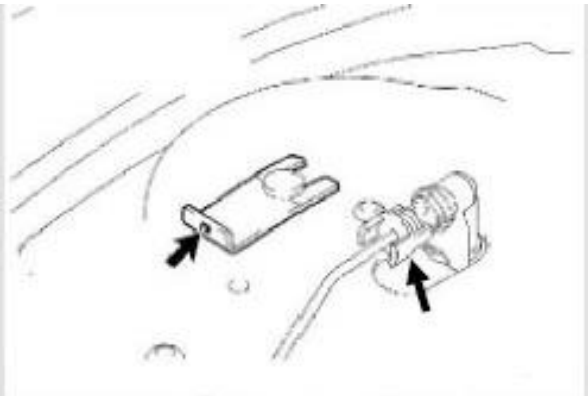
Step 6. Support the axle with a screw or floor jack, then, loosen and remove the hardware that secures both the left and right side upper shock mount.

Step 7

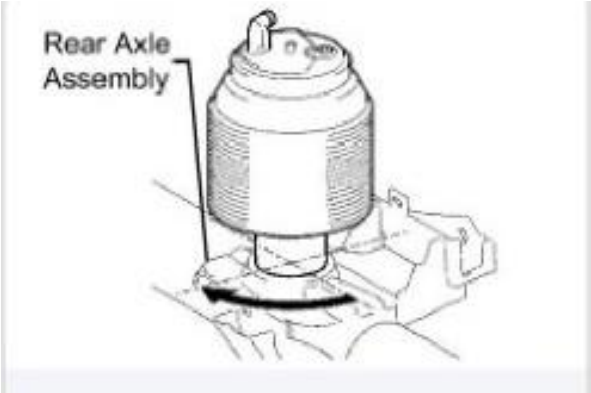
Step 8

Step 7. Loosen and remove the hardware that secures both the left and right side lower shock mount.

Step 8. The air bag retainer clip and air line is located on top of the upper mount.



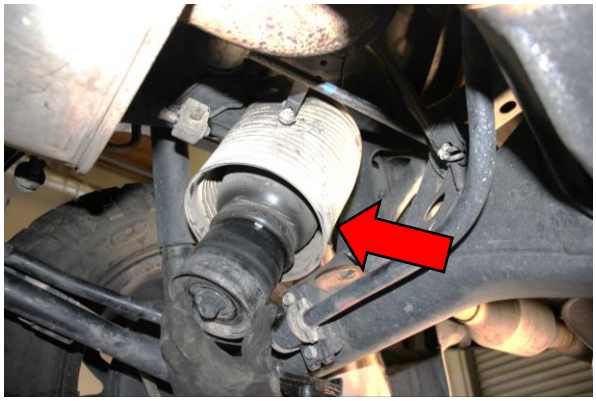
Step 8a



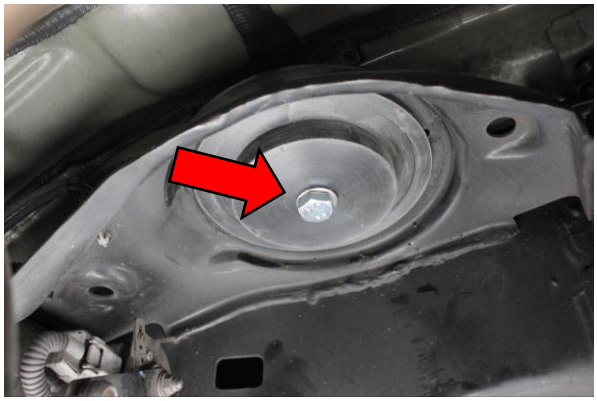
Step 8b

Step 8a. Remove the air bag retainer/clip and disconnect the air compressor line.

Step 8b. Lower the axle downward just enough to remove some pressure from the air bag assembly, then, rotate the assembly 90 degrees and push upwards to release the air bag.



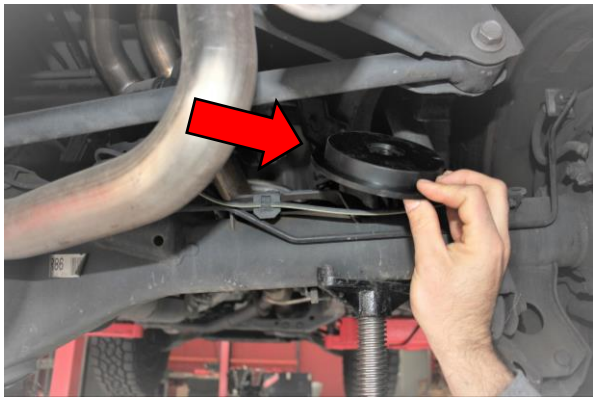
Step 8c



Step 9

Step 8c. You can now remove the air bag assembly.

Step 9. Install and secure the provided upper spring mount adapter to the upper mount using the provided M12-1.75 x 30mm L hex screw, M12 washer and nylock nut.

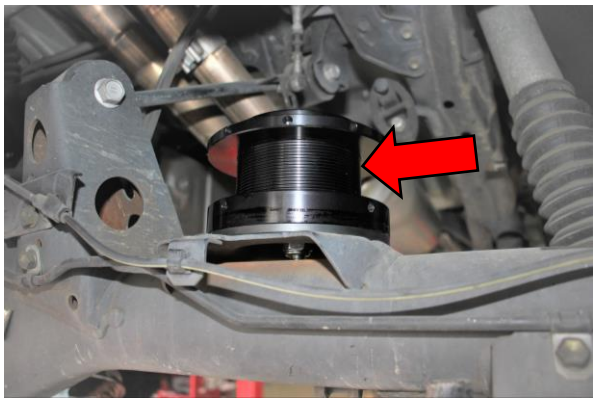


Step 10

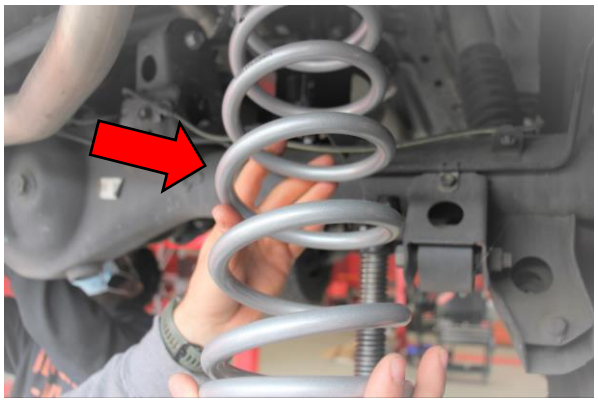
Step 10a

Step 10. Place the provided lower adapter on top of the original air bag mount.

Step 10a. Secure the adapter using the provided M12-1.75 x 25mm L hex nut, M12 washer and nylock nut.



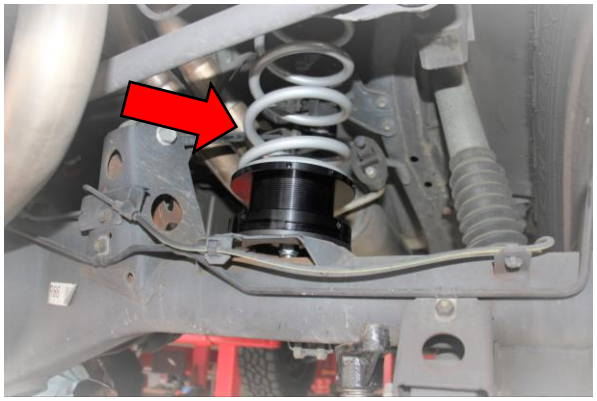
Step 11



Step 12

Step 11. Place the rear adjuster assembly on top of the adapter from step 10.

Step 12. Install the Eibach spring.



Step 13

Step 14

Step 13. Raise the axle upwards just enough to make sure the spring is properly seated on the upper and lower mounts.

Step 14. Secure the upper mount of the extended length shocks to the upper shock mount with the provided hardware.

Step 15

Step 16

Step 15. Secure the lower shock mount to the axle mount using the OE hardware.

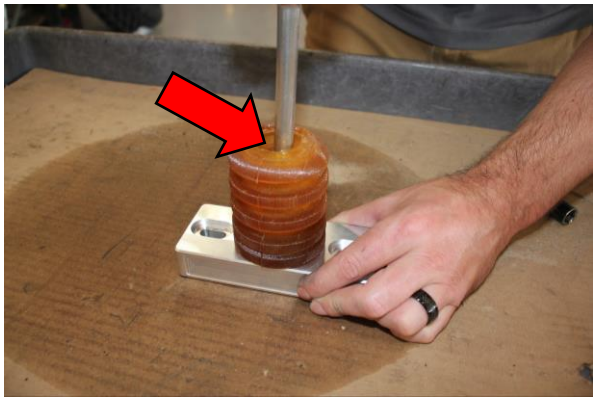
Step 16. Secure the end links to the ends of the anti roll bar with the OE hardware.

Step 17

Step 17a

Step 17. Loosen and remove the hardware that secures the OE bump stop assembly to the chassis.

Step 17a. Remove the OE bump stop assembly.

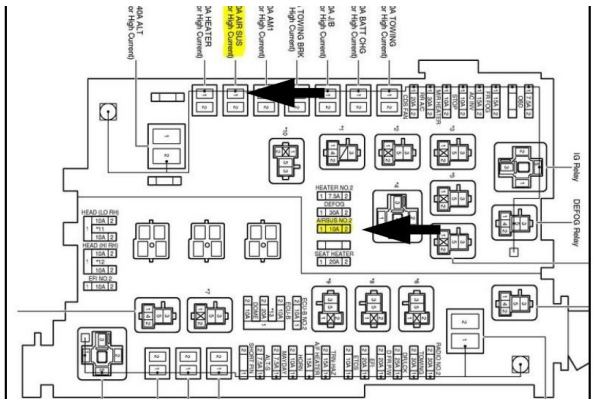


Step 18

Step 18a

Step 18. Secure the Eibach bump stop to the bump stop mount with the provided M10-1.5 x 30mm long hex screw.

Step 18a. Secure the Bump Stop assembly to the chassis using the provided M8-1.25 x 35mm L hex screws .

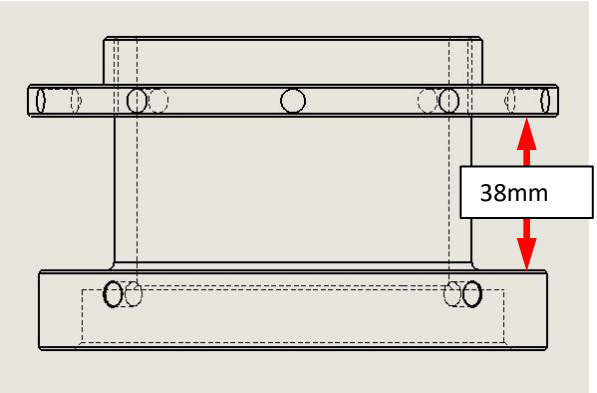


Step 19

Step 20

Step 19. Remove the **50a Air Sus Relay** and the **Air Sus #2 10a** fuse, shown as highlighted in yellow.

Step 20. Double-check to make sure everything is properly positioned and tightened, then, road test the vehicle and re-tighten if necessary.



Step 21

Additional Weight	Lift at Full High
0 lbs	2.5"
100 lbs	2.2"
200 lbs	1.9"

Step 22

Step 21. The full high measurement of 38mm for the rear preload collar shown above is the maximum suggested adjustment height.

Step 22. The vehicle lift height shown above is an approximate. Your lift may vary due to vehicles options and tolerances.