

Installation Instructions

Eibach Springs, Inc. • 264 Mariah Circle • Corona, California 92879-1751 • USA • Tech Support 800-222-8811 Ext 114



Pro-Truck – #38132.540

2007 Chevrolet Avalanche, Suburban ½ton LTZ, with Autoride

Please Note: This kit was designed for vehicles with stock wheels and tires. Installation of low profile tires and larger wheels may affect the ride quality. Performance dampers are recommended.

Kit Contents	Description	Part Number	Qty
	Front Springs	38107.101	2
	Rear Springs	38130.002	2
	Front Spring Collar	UB0133	2
	Front Bumpstop	BS770015	2
	Front Sensor Link (Long)	38106.FHA	2
	Rear Sensor Link (Short)	38106.RHA	2
	Information Kit	EPAK	1
	Instructions	38132.540INST	1

NOTES: Read All Instructions Before Beginning Installation

- **Installation of a PRO-Truck Spring** set should only be performed by a qualified mechanic experienced in the installation and removal of suspension springs.
- **Use of a hoist** is highly recommended and will substantially reduce installation time.
- **Never work on or under a vehicle** unless it is properly supported by safety stands and wheels are blocked.
- **PRO-Truck** Springs are marked with 01 and 02 (located at the end of the part number) designating front and rear spring respectively.
- **PRO-Truck** Springs should be installed with the Eibach Logo right side up. All original stock spring isolators, dampers and tubing should be retained from the stock springs and used when installing the **PRO-Truck** Springs.
- **After installation**, it is always important to inspect and adjust the following if necessary:
 - Wheel alignment such as camber, caster & toe
 - Tire and/or wheel fender clearance
 - Brake line clearance and attachments
 - Brake anti-locking and anti-skid system sensors
- **Tire Rotation:** In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

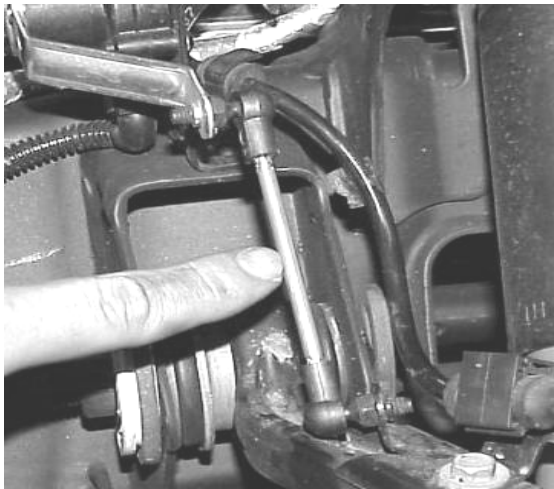
Note: Before attempting the installation of the Eibach Pro-Kit you must adhere to the following procedure.

- If your vehicle is equipped with Autoride, you must first disconnect the negative battery cable prior to disconnecting the electrical connections on the front shocks. Failure to do so could possibly trigger the "Check Suspension" indicator light to display on your instrument panel.

Front Spring Removal and Installation

The following steps are for Standard Suspension and Auto Ride Suspension. Auto ride suspension will require installation of new Eibach Sensor Links at all four wheels.

1. After the vehicle has been raised and supported at the frame by safety stands or a hoist, remove all the tires.
2. Remove both the right and left ride height sensor links by popping the sockets off the ball with a screwdriver. The ride height sensors are located between the upper control arm and the frame as shown below. Save the links.



3. Disconnect the electrical connection from the top of the front shocks located inside the engine compartment as shown below.

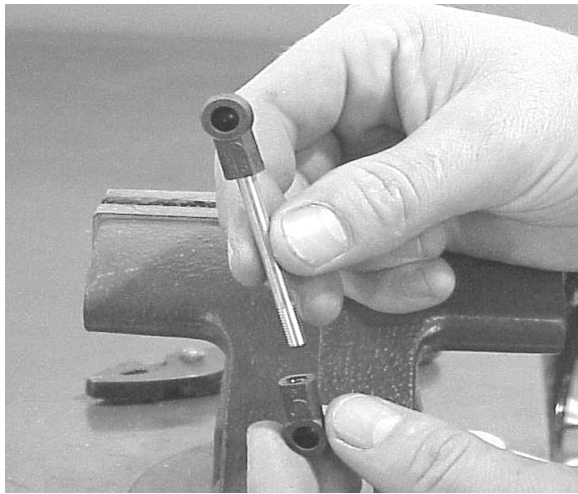


4. You can now remove the front coilovers from the vehicle.

5. Disassemble the coilovers. **Caution: Never disassemble the coilovers without using the proper equipment to compress the coilover spring, as serious injury can result from the tremendous amount of energy stored in a compressed spring.**
6. Remove the OE bump stop and replace it with the provided Eibach bump stop.
7. Remove OE lower plastic spring collar and replace it with the provided Eibach collar.



8. Reassemble the coil-over so that the Eibach logo and part number are right side up.
9. You can now reinstall the coil-over into the vehicle.
10. Reconnect the electrical connection to the top of the shock.
11. Clamp the OE sensor links in a vice and gently twist the plastic ball socket ends off using a pair of pliers at the base of the socket. Be careful not to damage the plastic sockets.



12. Locate the new Eibach sensor links (long links) and thread one ball socket onto each end. Screw the sockets down until they gently bottom out. **NOTE: Do not over tighten the sockets**
13. Reverse the removal process and reinstall the sensor links onto the suspension.

Rear Spring Removal and Installation

The following steps are for Standard Suspension and Auto Ride Suspension. Auto ride suspension will require installation of new Eibach Sensor Links at all four wheels.

14. Remove the right and left ride height sensor links by popping the sockets off using a screwdriver.



15. Once the ride height sensor links are removed, raise the rear axle housing with a jack to take the tension off the shocks. Now disconnect the anti roll bar end links and the lower shock mount bolts.

16. Lower the axle only enough to remove the coil springs. The upper and lower rubber spring isolator pads will be re-used with the Eibach Pro Truck System. Clean any dirt or debris from the rubber isolator pads.
17. Install the Eibach springs into the vehicle using the OE isolator pads, then, raise the axle housing up and secure the lower shock mounts and anti roll bar end links. Do not tighten completely at this time.
18. Clamp the OE ride height sensor links in a vice and gently twist the plastic ball sockets off using a pair of pliers at the base of the socket. Be careful not to damage the plastic sockets.
19. Locate the new Eibach ride height sensor links and thread one ball socket onto each end. Screw the sockets down until they gently bottom out. **NOTE: Do not over tighten the sockets.**
20. Install the Eibach sensor links.
21. Trim off the bottom of the rear OE bump stops, leaving 65mm remaining.
22. Reinstall the tires and torque to factory specs.
23. Lower the vehicle to the ground.
24. Torque the lower shock bolts and anti roll bar end link nuts.