

# Installation Instructions

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

*PRO-UTV #E85-209-005-07-22*

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.250.0275	2
	Front Secondary Spring	0800.250.0200	2
	Rear Main Spring	1000.250.0400	2
	Rear Secondary Spring	0600.2530.0300	2
	Crossover Ring	8001107	8
	Slider	84-4833	4
	Spring Adapter, 2.25-2.5	ADAPTER225-250.0	8
	Information Kit	EPAK	1
	Instructions	PRO.UTVINST	1

## NOTES: Read All Instructions Before Beginning Installation

- Only qualified technicians 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.

### RECOMMENDED FRONT SET-UP

1. Raise the front of the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 1



Photo 2



**Photo 3**

2. Loosen and remove the hardware that secures the coilover to the upper mount and upper control arm, then, remove the coilover as shown. (See Photos 1, 2 & 3)



**Photo 4**



**Photo 5**



**Photo 6**

3. Loosen the preload collars, then, remove the OE spring retainer and OE spring from the coilover. (See photos 4, 5 & 6)



**Photo 7**

4. Install the provided spring adapter as shown. (See Photo 7)



**Photo 8**

5. Install the provided crossover rings and set the height at 80mm as shown. (See Photo 8)



Photo 9

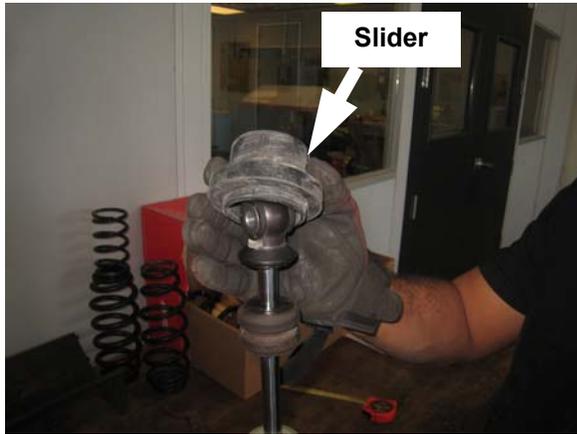


Photo 10

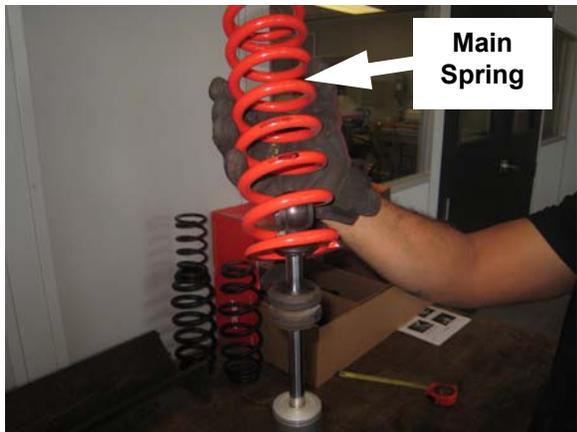


Photo 11

6. With the preload collar at full low, install the secondary spring, provided slider, and main spring as shown. (See Photos 9, 10 & 11)



Photo 12



Photo 13

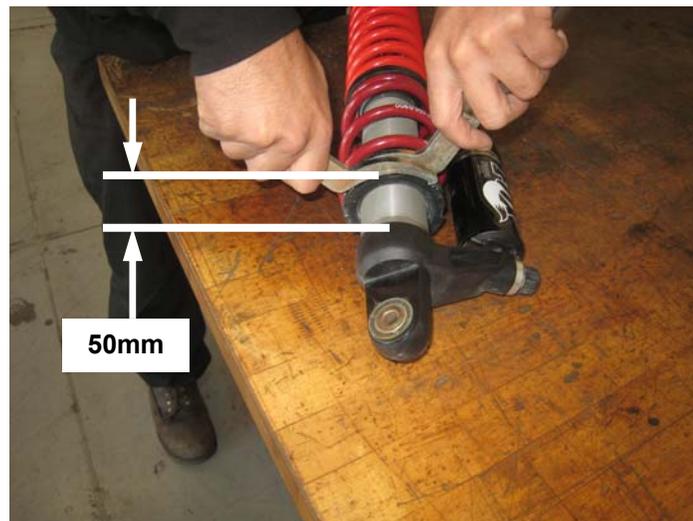


Photo 14

7. Install the provided spring adapter and the OE spring retainer, then, adjust/set the preload collars to **50mm** as shown. **Note: The preload measurement is taken from the bottom of the mount to the top of the preload collars.** (See Photos 12, 13 & 14)



Photo 15



Photo 16



Photo 17

8. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 15, 16 & 17)
9. Repeat the process on the opposite side, then, reinstall the front wheels, set the vehicle on the ground, and roll it back and forth, making sure it's fully settled.



Photo 18

10. Adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 7, photo 14**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **355mm** measuring from the ground to the center line of the lower control arm bolt as shown above (See Photo 18) **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

### RECOMMENDED REAR SET-UP

1. Raise the rear of the vehicle until the wheels are off the ground and the suspension is fully unloaded. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 19



Photo 20



Photo 21

- Loosen and remove the hardware that secures the coilover to the upper mount and lower control arm, then, remove the coilover as shown. (See Photos 19, 20 & 21)



Photo 22



Spring Retainer

Photo 23



Photo 24

- Loosen the preload collars, then, remove the OE spring retainer and OE springs from the coilover. (See photos 22, 23 & 24) Note: The OE slider will not be re-used for this installation.



Spring Adapter

Photo 25

- Install the provided spring adapter as shown. (See Photo 25)

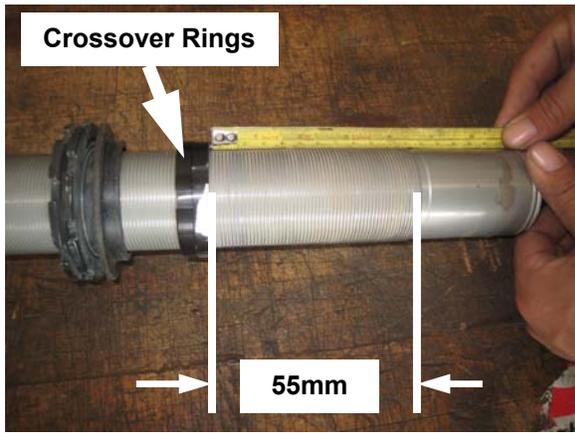


Photo 26

5. Install the provided crossover rings and set the height at 55mm as shown. (See Photo 26)

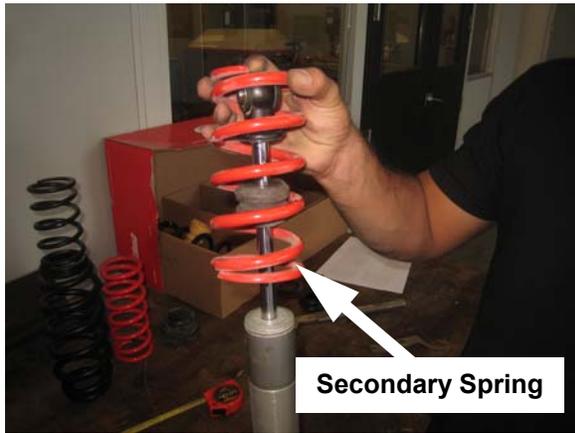


Photo 27



Photo 28

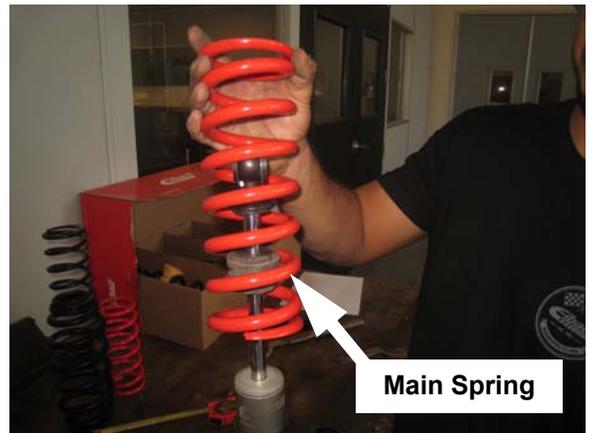


Photo 29

6. You can now install the secondary spring, slider, and main spring as shown. (See Photos 27, 28 & 29)



Photo 30

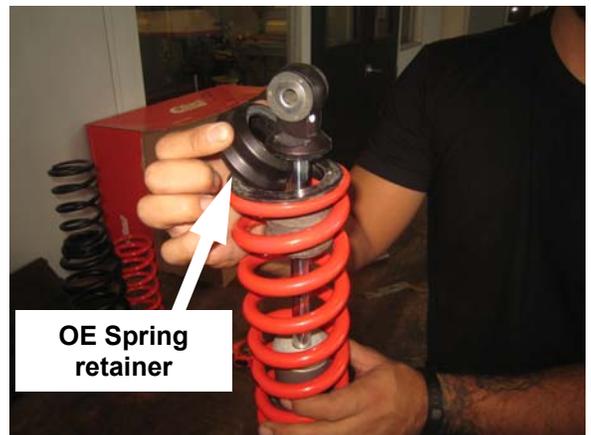
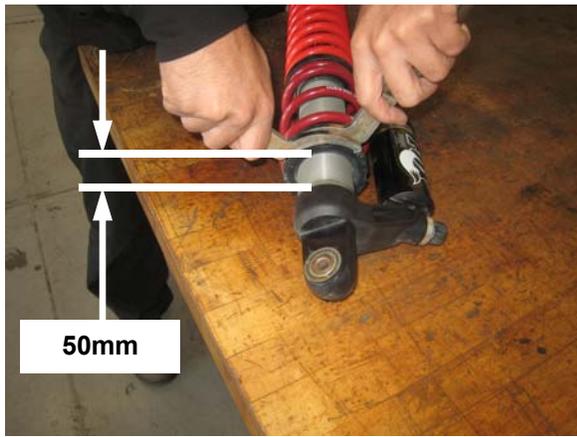


Photo 31



**Photo 32**

7. Install the spring adapter and the OE spring retainer, then, adjust/set the preload collars to **50mm** as shown. **Note: The preload measurement is taken from the bottom of the mount to the top of the preload collars (See Photos 30, 31 & 32)**



**Photo 33**



**Photo 34**

8. You can now reinstall the coilover securing it to the upper and lower mounts using the OE hardware. **(See Photos 33 & 34)**
9. Repeat this process on the opposite side, then, reinstall the rear wheels, set the vehicle on the ground and roll it back and forth, making sure the vehicle is fully settled.



**Photo 35**

10. You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 7, photo 32**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **330mm** measuring from the ground to the center line of the lower control arm bolt as shown. **(See Photo 35)** **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

Please Note: For more information about how to tune your suspension visit the following link.  
<http://eibach.com/america/en/motorsport/eibach-ero-eibach-racing-off-road-system-guide>