

# Installation Instructions

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

## PRO-UTV #E85-209-014-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0300S	2
	Front Secondary Spring	0800.300.0200S	2
	Rear Main Spring	1800.300.0300S	2
	Rear Secondary Spring	1000.300.0200S	2
	Front Slider	8001100	2
	Front Crossover Ring	8001224	2
	Rear Slider	8001064	2
	Rear Crossover Ring	8001063	2
	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 and lower mount, then, remove the coilover from the vehicle as shown. (See Photos 1, 2 & 3)

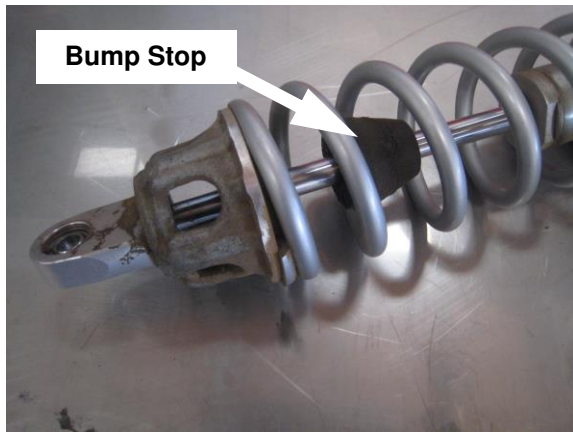


Photo 4

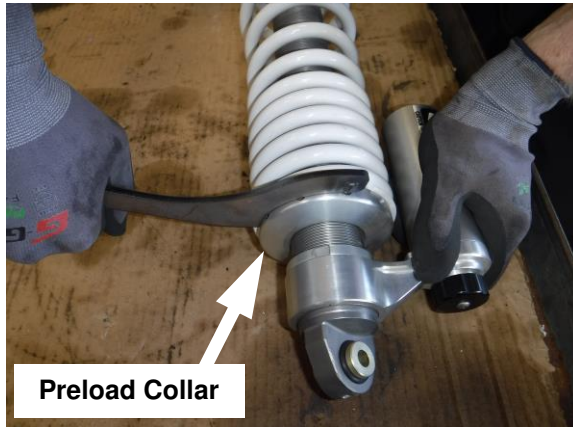


Photo 5

3. Use a screw driver to slide the bump stop upwards away from the spring retainer, then, fully loosen the preload collar as shown. (See Photos 4 & 5)



Photo 6



Photo 7

4. Press firmly downward on the spring, then, remove the retainer, and main spring as shown. (See Photos 6 & 7)



Photo 8



Photo 9



Photo 10

5. You can now install the Eibach secondary spring, provided slider, and main spring as shown. (See Photos 8, 9 & 10)

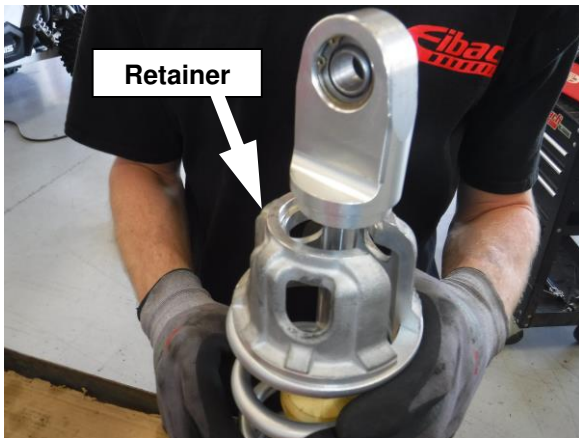


Photo 11

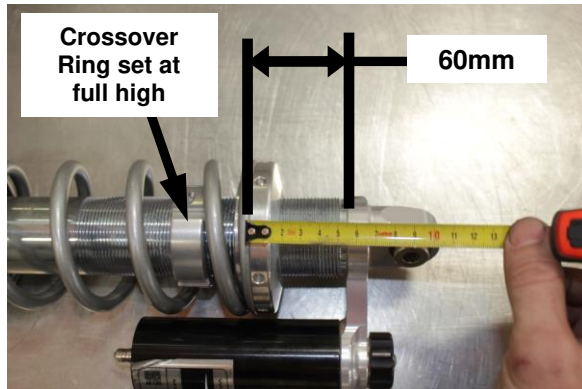


Photo 12

6. Install the OE retainer, then, adjust and set the preload collar to **60mm** as shown, then, install and set the crossover rings at full high. **Note: The crossover rings will be set at full high(inactive) for this install. For more information on tuning visit Eibach.com (See Photos 11 & 12)**



Photo 13



Photo 14



Photo 15

7. You can now reinstall the coilover using the factory hardware. (See Photos 13, 14 & 15)
8. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.



**Photo 16**

9. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 6 Photo 12** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **395mm** measuring from the ground to the center of the lower control arm bolt as shown. **Note: If you have larger than stock wheels and tires, the ride height will be increased.** (See Photo 16)

### **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 17**



**Photo 18**



**Photo 19**

2. Loosen and remove the hardware that secures the upper and lower coilover mounts, then, remove the coilover as shown. (See Photos 17, 18 & 19)



**Photo 20**



Photo 21



Photo 22



Photo 23



Photo 24

- Using the height adjustment tool, adjust the preload collar upwards until there is no preload on the spring, then, remove the retainer, dust shield, secondary spring, slider and main spring as shown. (See Photos 20, 21 22, 23 & 24)

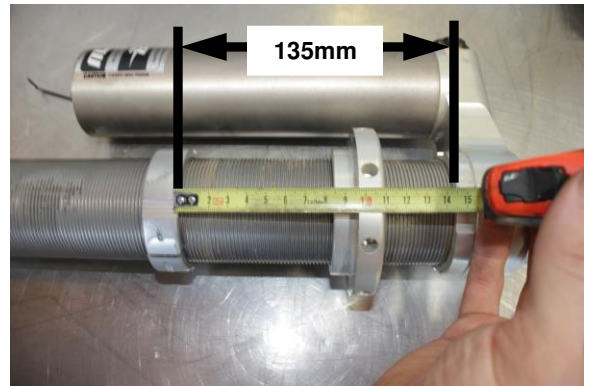


Photo 25

- Install and set the crossover ring approximately 135mm as shown above. (See Photo 25)



Photo 26



Photo 27



Photo 28

5. You can now install the secondary spring, provided slider, and main spring as shown. (See Photos 26, 27 & 28)



Photo 29



Photo 30

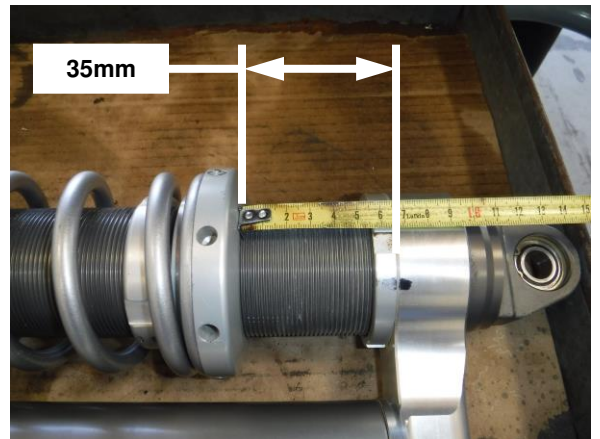


Photo 31

6. Install the retainer and dust shield in their original orientation, then, adjust the preload collar and set to 35mm as shown. (See Photos 29, 30 & 31)



Photo 32



**Photo 33**

7. You can now reinstall the coilover and secure it to the upper and lower mounts using the OE hardware. (See **Photos 32 & 33**)
8. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.



**Photo 34**

10. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 6 Photo 31** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **395mm** measuring from the ground to the center of the lower control arm bolt as shown. **Note: If you have larger than stock wheels and tires, the ride height will be increased.** (See **Photo 34**)

## RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:** 3 Clicks(clockwise) in from Full Open.
- **Rear:** 3 Clicks(clockwise) in from Full Open.

**Note:** These are the recommended shock settings that we tested using the spring rates provided in this kit.

**Note:** Full open is counter clockwise