

Installation Instructions

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

PRO-UTV #E85-212-005-02-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1400.300.0250S	2
	Front Secondary Spring	1000.300.0200S	2
	Rear Main Spring	1600.300.0250S	2
	Rear Secondary Spring	1400.300.0200S	2
	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 until the both wheels are off the ground and the suspension is fully unloaded, then, remove the front wheels. **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 the lower control arm, then, remove the coilover as shown. (See Photos 1, 2 & 3)



Photo 4



Photo 5

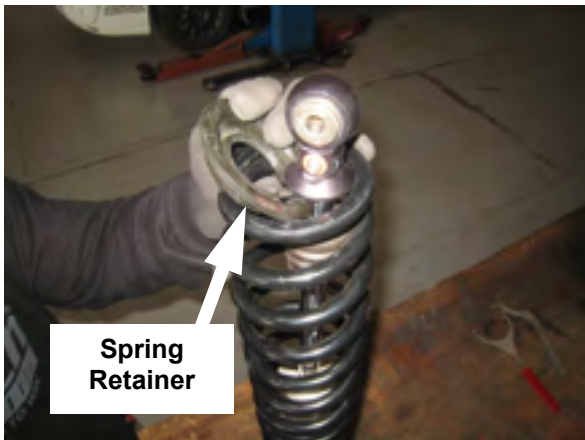


Photo 6

3. Fully loosen the preload collars, and pry downward on the spring, then, remove the OE spring retainer. (See photos 4, 5 & 6)



Photo 7



Photo 8



Photo 9

4. You can now remove the OE springs and slider as shown. (See Photos 7, 8 & 9) Note: The OE slider will be re-used for the installation.

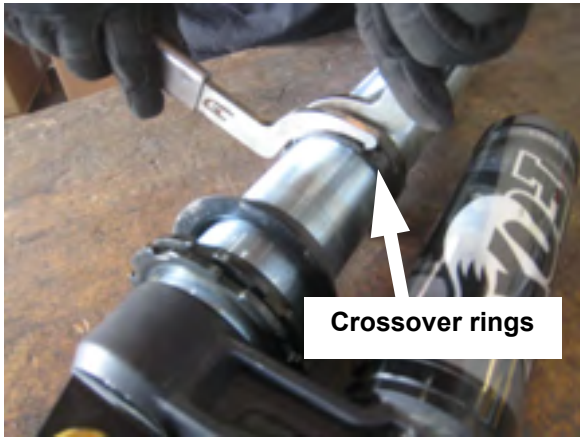


Photo 10

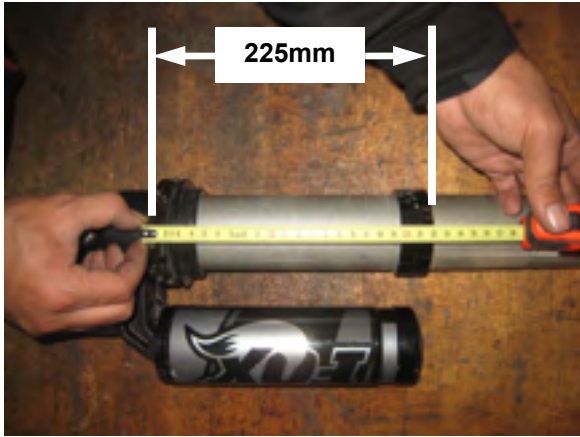


Photo 11

5. Loosen, then, set the OE crossover rings at **225mm**. (See Photos 10 & 11)

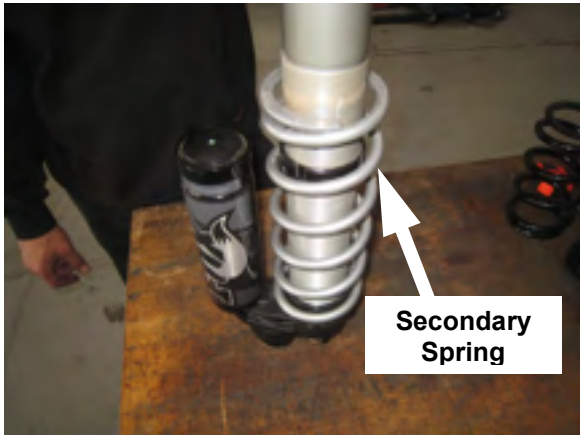


Photo 12



Photo 13



Photo 14

6. With the preload collar at full low, install the secondary spring, OE slider, and main spring as shown. (See Photos 12, 13 & 14)



Photo 15



Photo 16

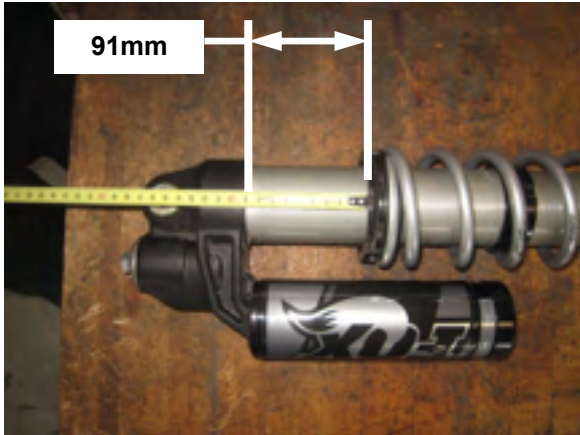


Photo 17

7. You can now reinstall the OE spring retainer, then, adjust/set the preload collars to **91mm** as shown. (See Photos 15, 16 & 17)



Photo 18



Photo 19



Photo 20

8. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 18, 19 & 20)
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.

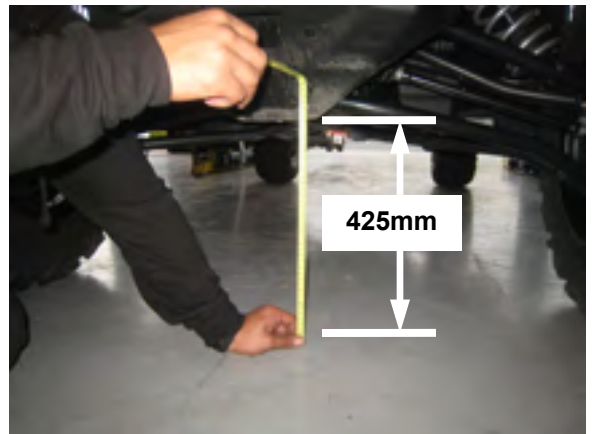


Photo 21

10. Adjust the preload collars to adjust the ride height. The recommended preload measurement in **step 7, photo 17**, will get the vehicle close to the recommended ride height, but each vehicle may vary. We recommend setting the ride height to **425mm** measuring from the ground to the bottom of the skidplate as shown above. (See Photo 21) **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 both wheels are off the ground and the suspension is fully unloaded, then, remove the rear wheels. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 22



Photo 23

2. Loosen and remove the upper dust cover. (See Photos 22 & 23)



Photo 24



Photo 25



Photo 26

3. 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 24, 25 & 26)



Photo 27



Photo 28



Photo 29

4. Fully loosen the preload collars, then pry downward on the spring and remove the OE spring retainer. (See photos 27, 28 & 29)



Photo 30



Photo 31



Photo 32

5. You can now remove the main spring, slider and secondary spring as shown. (See Photos 30, 31 & 32) **Note:** The OE slider will be re-used for the installation of the Eibach UTV springs.

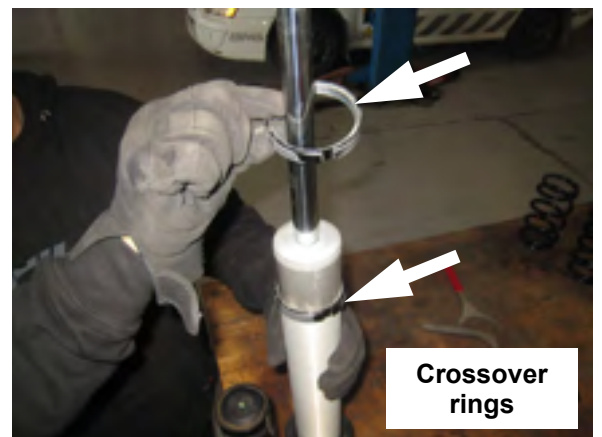


Photo 33



Photo 34



Photo 35

6. Loosen and remove the OE crossover rings, then, remove the OE spacer and helper spring. (See Photos 33, 34 & 35) Note: The OE Spacer will not be re-used for the installation.

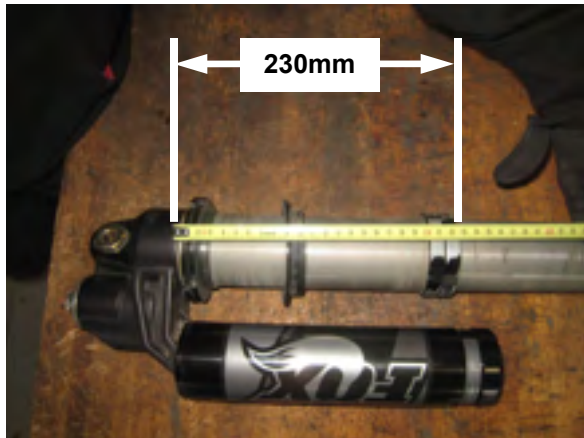


Photo 36

7. Reinstall the OE crossover rings and set the height at 230mm as shown. (See Photo 36)

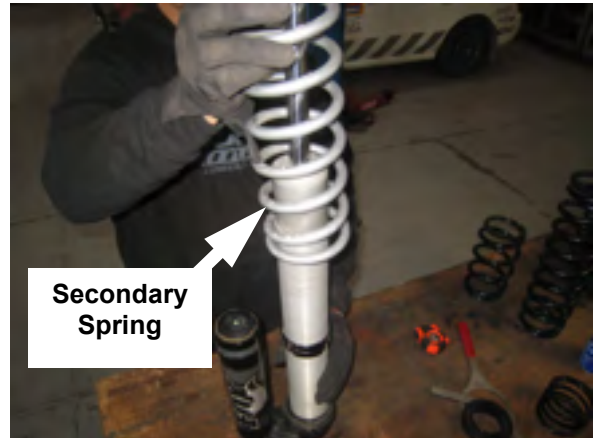


Photo 37



Photo 38



Photo 39

8. You can now install the secondary spring, OE slider, and main spring as shown. (See Photos 37, 38 & 39)



Photo 40

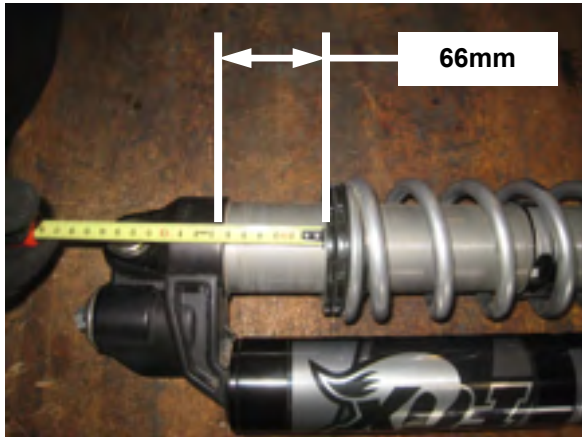


Photo 41

9. Reinstall the OE spring retainer, then, adjust/set the preload collars to **66mm** as shown. (See Photos 40 & 41)



Photo 42



Photo 43



Photo 44

10. You can now reinstall the coilover securing it to the upper and lower mounts using the OE hardware. (See Photos 42, 43 & 44)



Photo 45



Photo 46

11. Reinstall/secure the OE dust cover using the OE hardware. (See Photos 45 & 46)
12. 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.

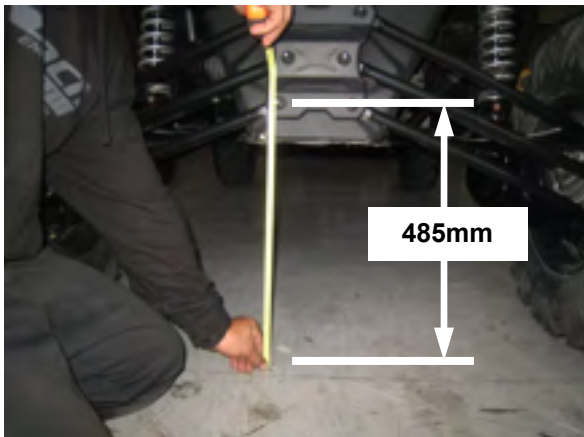


Photo 47

13. You can now adjust the preload collars to adjust the ride height. The recommended preload measurement in **step 9, photo 41**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **485mm** measuring from the ground to the center line of the lower control arm bolt as shown. (See Photo 47)
Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:**
 RC2 Shocks
 Rebound: 12 clicks out from closed
 High Comp. : full open
 Low Comp. : 2 turns out from closed

QS3 Shocks: Setting 1 (full open)

Note: Clock wise is closed

- **Rear:**
 RC2 Shocks
 Rebound: 15 clicks out from closed
 High Comp.: full open
 Low Comp.: 2 turns out from closed

QS3 Shocks: Setting 2 (middle)

Note: Clockwise is closed

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

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