

# Installation Instructions

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## PRO-UTV #E85-212-007-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1400.300.0350S	2
	Front Secondary Spring	1000.300.0200S	2
	Rear Main Spring	1800.300.0400S	2
	Rear Secondary Spring	1200.300.0200S	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 until the both 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 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

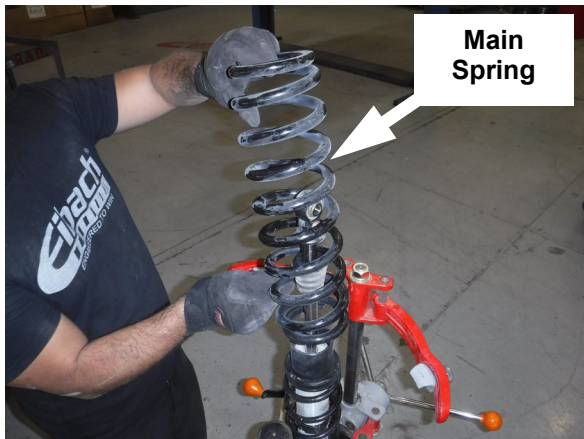


Photo 6



Photo 7

- Using a spring compressor, remove the spring retainer, main spring, slider and secondary spring from the coilover as shown. (See photos 4, 5, 6 & 7)

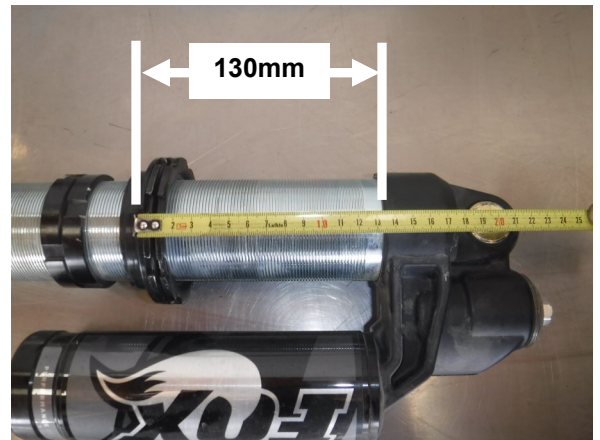


Photo 8

- Set the preload collars at 130mm as shown above. (See Photo 8)

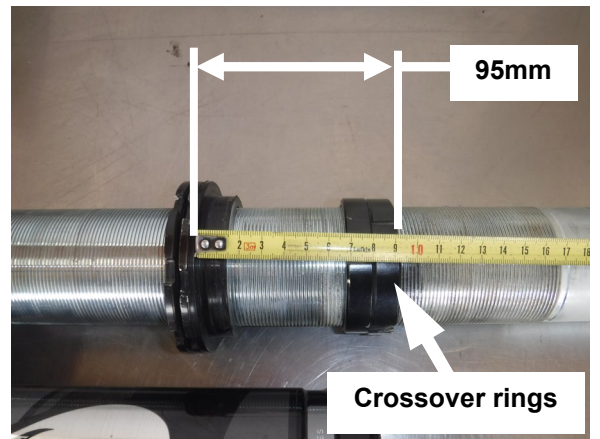


Photo 9

- Set the OE crossover rings at 95mm. (See Photo 9)

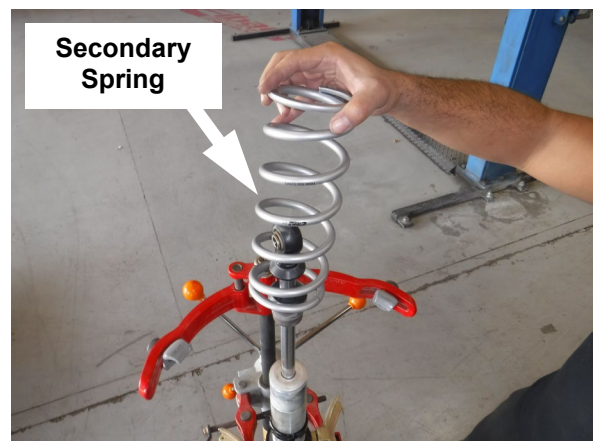


Photo 10

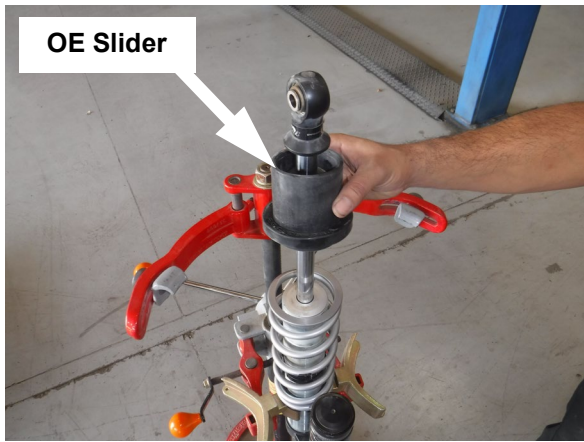


Photo 11

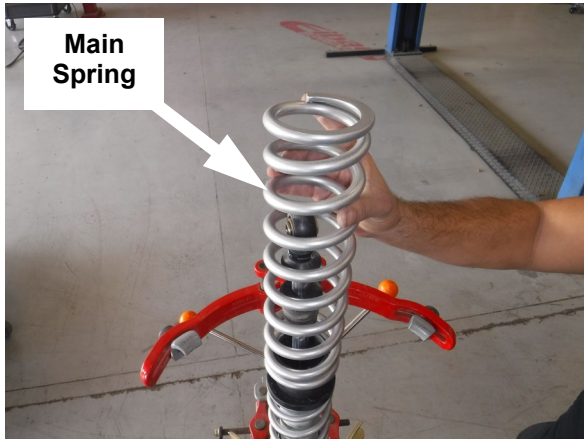


Photo 12

6. Using a spring compressor, install the secondary spring, OE slider and main spring onto the coilover as shown. (See Photos 10, 11 & 12)



Photo 13

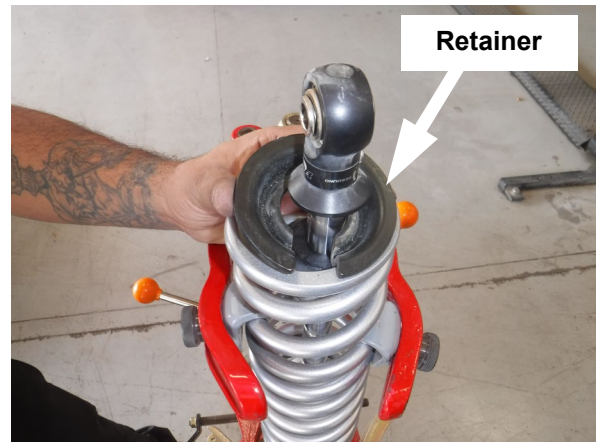


Photo 14

7. Compress the spring assembly and install the OE retainer as shown. (See Photos 13 & 14)



Photo 15

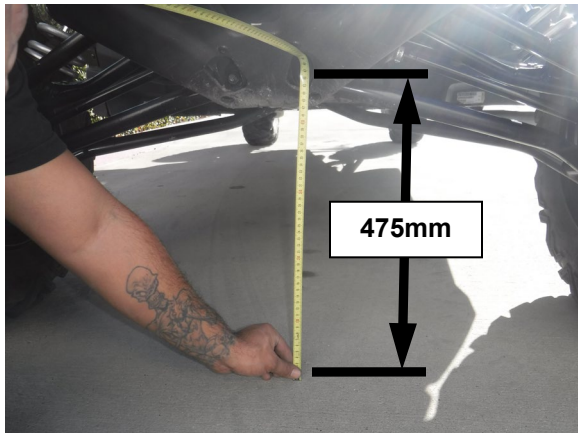


Photo 16



**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 preload collars to adjust the ride height. The recommended preload measurement in **step 4, photo 8**, will get the vehicle close to the recommended ride height, but each vehicle may vary. We recommend setting the ride height to **475mm** measuring from the ground to 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 both 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 20**

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 19, 20 & 21)



Photo 22



Photo 23



Photo 24

3. Using a spring compressor, remove the spring retainer, main spring, slider and secondary spring from the coilover as shown (See Photos 22, 23 & 24)

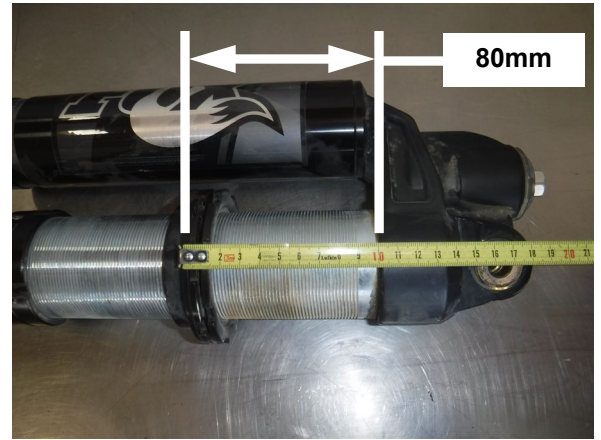


Photo 25

4. Set the preload collars at 80mm as shown above. (See Photo 25)

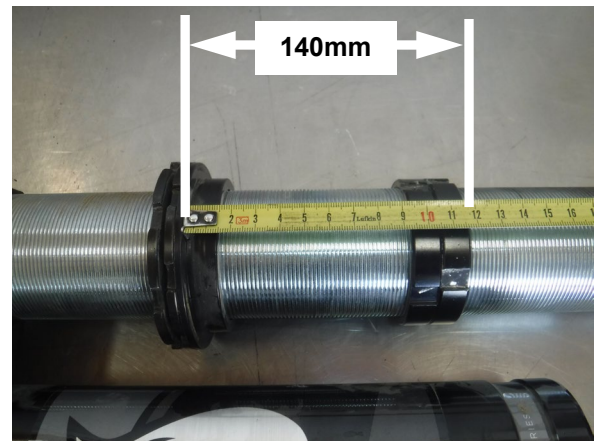


Photo 26

5. Set the crossover rings at 140mm as shown above. (See Photo 26)

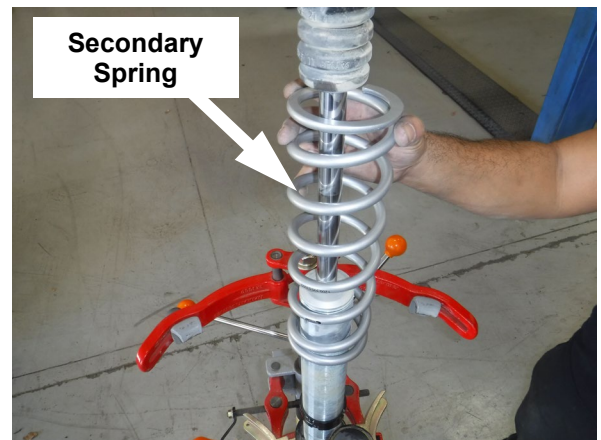


Photo 27

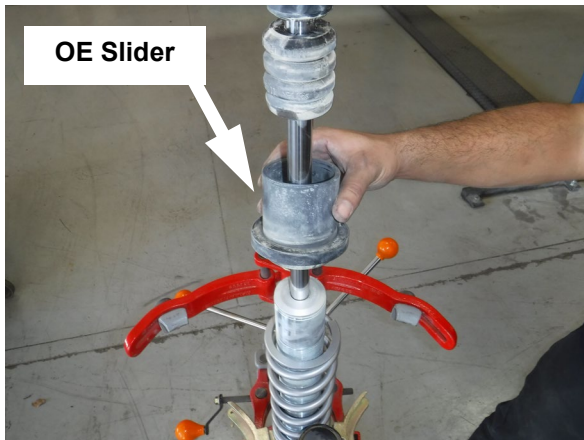


Photo 28

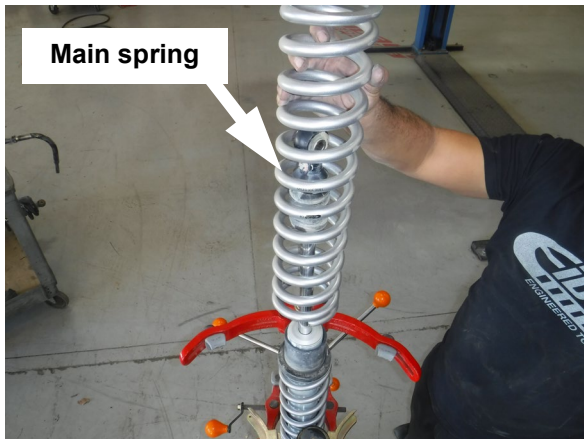


Photo 29



Photo 30

6. Using a spring compressor, install the secondary spring, OE slider, main spring and retainer onto the coilover as shown. (See Photos 27, 28, 29 & 30)



Photo 31

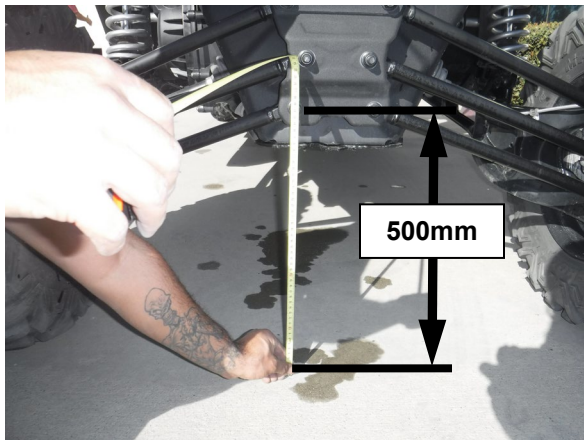


Photo 32



Photo 33

7. You can now reinstall the coilover securing it to the upper and lower mounts using the OE hardware. (See Photos 31, 32 & 33)
8. 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 34**

9. You can now adjust the preload collars to adjust the ride height. The recommended preload measurement in **step 4, photo 25**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **500mm** measuring from the ground to the center line of the lower control arm bolt as shown. **(See Photo 34)**  
**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: Clockwise is closed**

- **Rear:**

**RC2 Shocks**

**Rebound: 12 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>**