

# Installation Instructions

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## PRO-UTV #E85-209-019-03-22

Kit Contents	Description	Part Number	Qty
	Front Secondary Spring	0800.300.0300S	2
	Front Main Spring	1200.300.0350S	2
	Rear Secondary Spring	1200.300.0250S	2
	Rear Main Spring	1800.300.0350S	2
	Slider	8001064	4
	Crossover Ring, Front	8001104	4
	Crossover Ring, Rear	8001385	2

### 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

2. Disconnect the electrical connection from the shock as shown. (See Photo 1)



Photo 2



Photo 3



Photo 4

3. Loosen and remove the hardware that secures the coilover to the upper and lower mounts, then, remove the coilover from the vehicle as shown. (See Photos 2, 3 & 4)



Photo 5



Photo 6

4. Use a spring compressor to remove the spring retainer as shown. (See Photos 5 & 6)



Photo 7



Photo 8

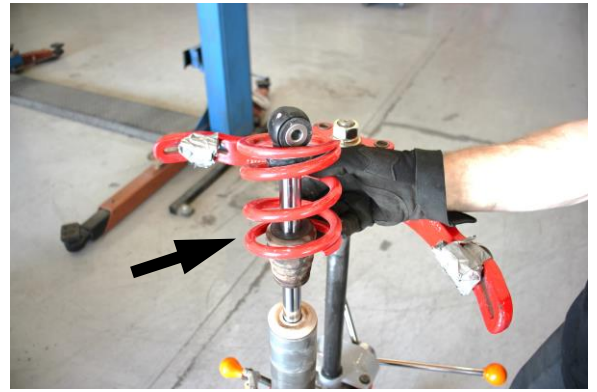


Photo 9

5. You can now remove the main spring, slider and secondary spring as shown. (See Photos 7, 8 & 9)

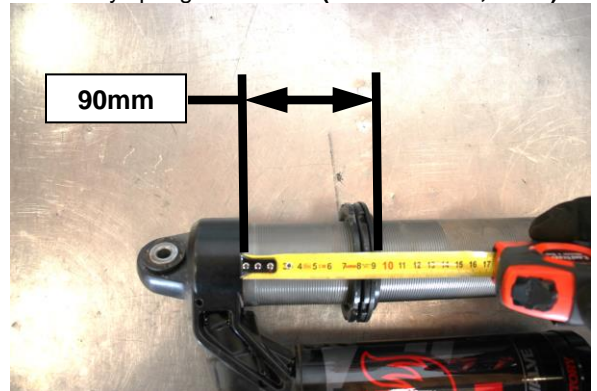


Photo 10

6. Set the preload collars at 90mm as shown. (See Photo 10)



Photo 11

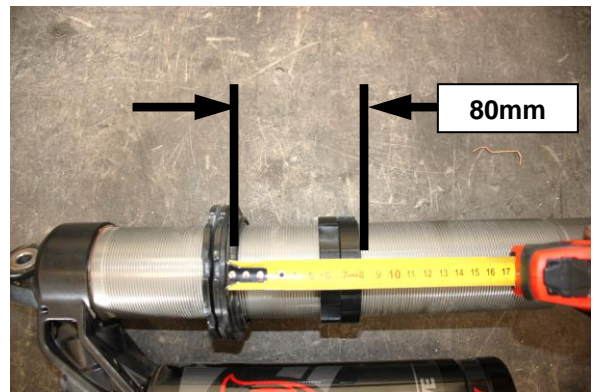


Photo 12

7. Install the Eibach crossover rings and set them at **80mm** measured from the preload collar to the bottom of the crossover rings as shown. (See Photos 11 & 12)



Photo 13



Photo 14

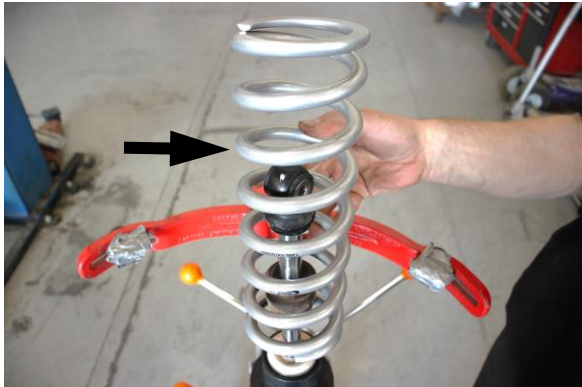


Photo 15



Photo 16

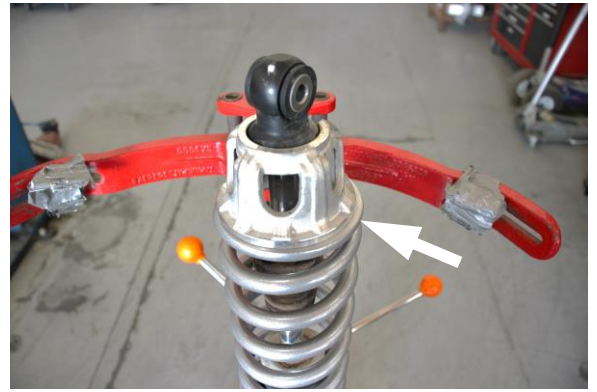


Photo 17

8. Install the Eibach secondary spring, provided slider, and Eibach main spring, then compress the spring assembly and install the OE spring retainer as shown. (See Photos 13, 14, 15, 16 & 17)



Photo 18



Photo 19

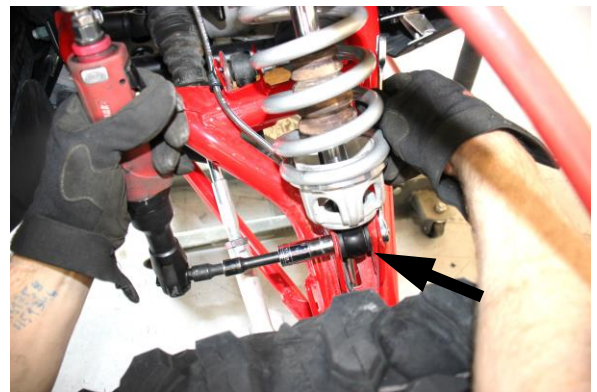


Photo 20

9. You can now reinstall the coilover using the factory hardware. (See Photos 18, 19 & 20)



Photo 21

10. Reconnect the electrical connection as shown. (See Photo 21)
11. Repeat the process on the opposite side, then, set the vehicle on the ground.
12. After the initial installation, the shocks will hold the vehicle up, so it will be necessary to turn the ignition on to reset the shocks prior to making any final ride height adjustments.

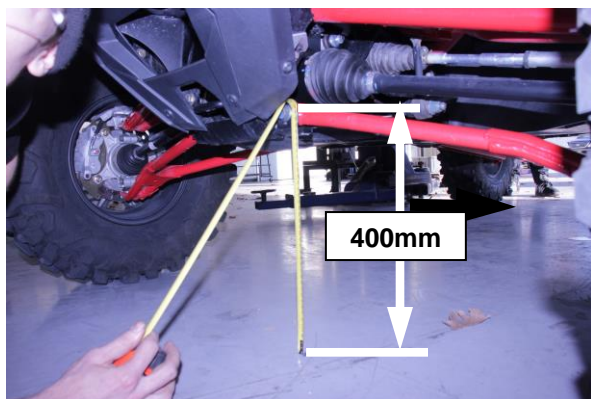


Photo 22

13. You can now adjust the preload collar to adjust the ride height. The recommended preload measurement in Step 6 Photo 10 will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at 400mm measuring from the ground to the center of the lower control arm bolt as shown. (See Photo 22)

### 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 23

2. Disconnect the electrical connection from the shock as shown and unclip the wire harness from the top of the shock. (See Photo 23)



Photo 24



Photo 25



Photo 26

- Loosen and remove the hardware that secures the coilover to the upper and lower mounts, then, remove the coilover from the vehicle as shown. (See Photos 24, 25 & 26)



Photo 27



Photo 28

- Use a spring compressor to remove the dust cover and spring retainer as shown. (See Photos 27 & 28)



Photo 29

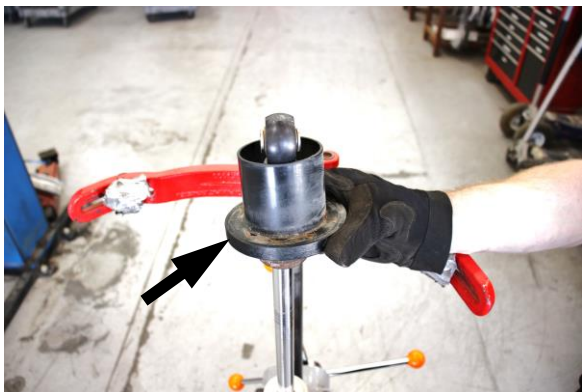


Photo 30



Photo 31

- Remove the main spring, slider, and secondary spring as shown. (See Photos 29, 30 & 31)

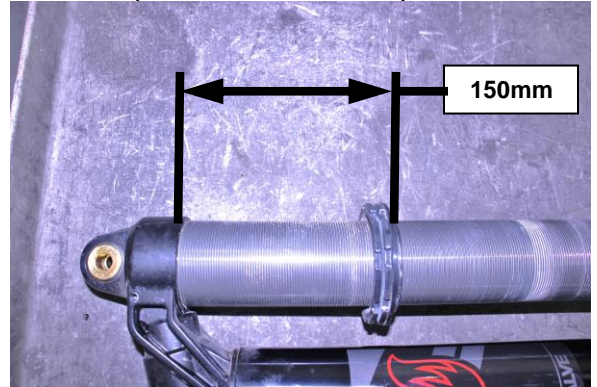


Photo 32

- Adjust and set the preload collar to 150mm as shown. (See Photo 32)

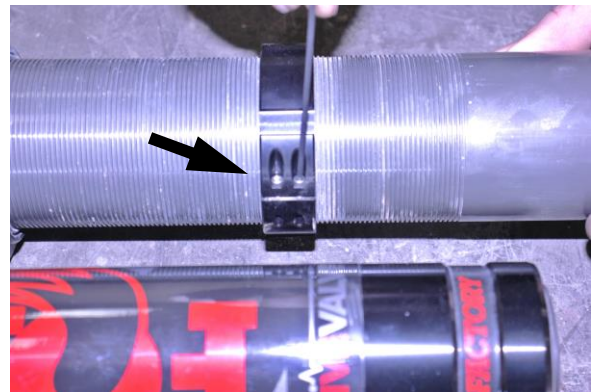


Photo 33

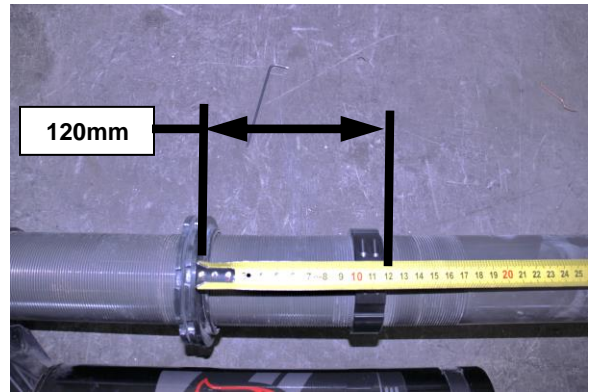


Photo 34

7. Install and assemble the provided two piece crossover rings using the provided screws, then, set them at 120mm as shown. (See Photos 33 & 34)

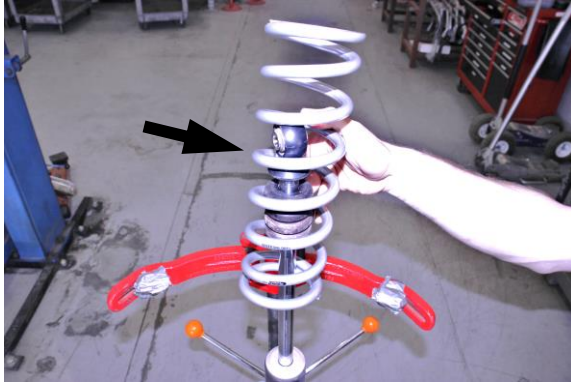


Photo 35



Photo 36



Photo 37

8. Install the Eibach secondary spring, provided slider and main spring as shown. (See Photos 35, 36 & 37)

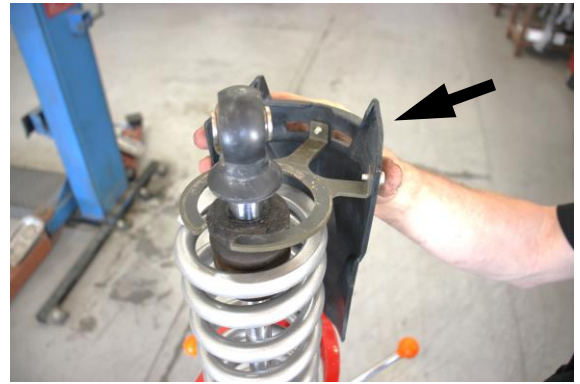


Photo 38



Photo 39

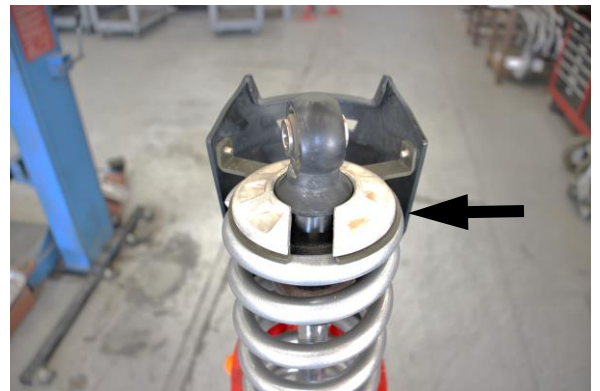


Photo 40

9. Reinstall the OE dust shield and retainer as shown. (See Photos 38, 39 & 40)



Photo 41



Photo 42



Photo 43

10. Install and secure the coilover to the upper and lower mounts using the OE hardware. (See Photos 41, 42 & 43)

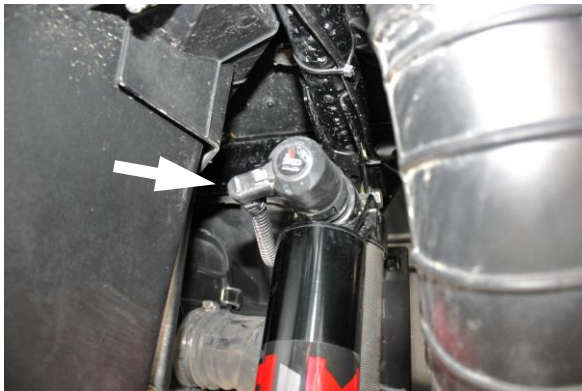


Photo 44

11. Reconnect the electrical connection for the coilover as shown. (See Photo 44)
14. Repeat the process on the opposite side, then, set the vehicle on the ground.
15. After the initial installation, the shocks will hold the vehicle up, so it will be necessary to turn the ignition on to reset the shocks prior to making any final ride height adjustments.

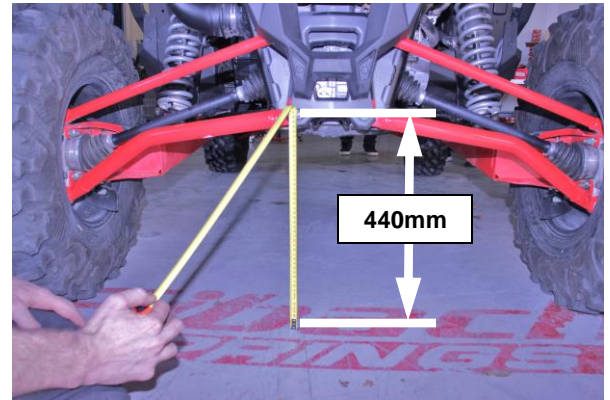


Photo 45

16. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 6 Photo 32** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **440mm** measuring from the ground to the center of the lower control arm bolt as shown. (See Photo 45)

## Electronic Shock Notes

After the initial installation the electronic shocks will hold the vehicle up. Turning the ignition key on will be necessary to reset the shocks to allow any final ride height adjustments as specified in Steps 13 and 16 of the front and rear installation.

**Notes:** The Eibach PRO-UTV kit is useable with all suspension modes.