

# Installation Instructions

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## PRO-UTV #E85-209-018-02-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0350S	2
	Front Secondary Spring	0800.300.0300S	2
	Rear Main Spring	1400.375.0250S	2
	Rear Secondary Spring	0800.375.0250S	2
	Front Slider	8001064	2
	Front Crossover Ring	8001063	2
	Rear Slider	8001105	2
	Rear Crossover Ring	8001314	2
	Rear Adapter	ADAPTER350-375	4
	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

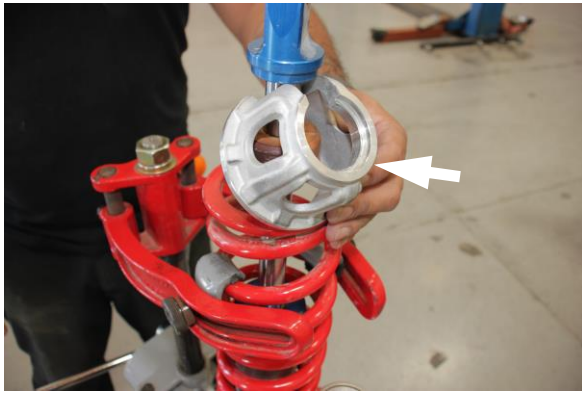


Photo 3

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. Compress the spring assembly, then, remove the spring retainer as shown. (See Photos 4 & 5)



**Photo 6**



**Photo 7**



**Photo 8**

4. You can now remove the main spring, slider and secondary spring as shown. (See Photos 6, 7 & 8)

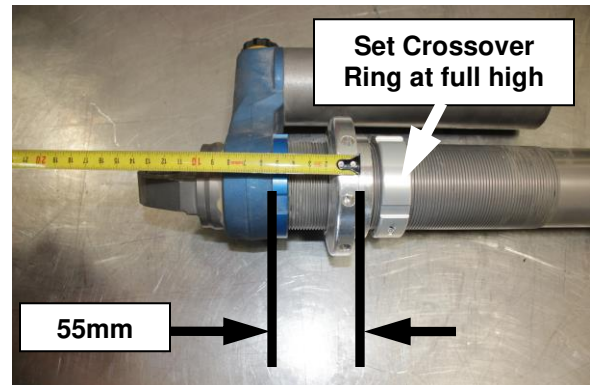


**Photo 9**



**Photo 10**

5. Install the two piece crossover rings and secure them with the provided hardware but do not tighten at this time. (See Photos 9 & 10)



**Photo 11**

6. Adjust the preload collar to 55mm as shown. (See Photo 11)  
**Note:** For this installation the crossover rings will be set at full high. For more information on tuning your front suspension, visit [Eibach.com](http://Eibach.com).

**Note:** You can now tighten the crossover ring set screws. Do not overtighten the set screws as they may break. Only apply enough pressure so that the crossover rings will no longer move when applying force to them.





Photo 12



Photo 13



Photo 14

7. You can now install the secondary spring, new slider, and main spring as shown. (See Photos 12, 13 & 14)



Photo 15



Photo 16



Photo 17

8. Compress the spring assembly, then, install the spring retainer as shown. (See Photos 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)
10. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.

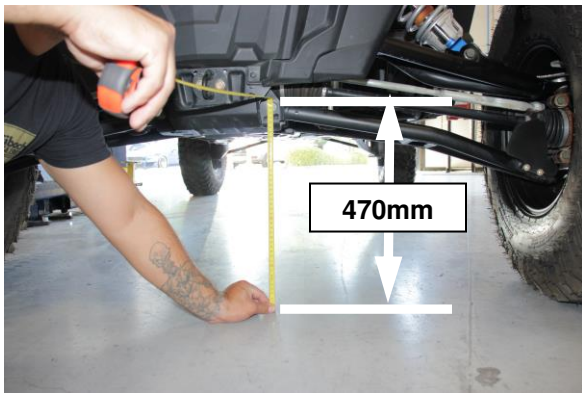


Photo 21

11. Adjust the preload collar to adjust the ride height. The preload measurement in **Step 6 Photo 11** will get the vehicle close to the recommended ride height but each vehicle may vary. We recommend setting the height at **470mm** measuring from the ground to the center of the lower control arm bolt as shown. (See Photo 21) **Note: If you have larger than stock wheels and tires, the ride height will be increased.**

### 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 22



Photo 23

2. Loosen and remove the upper and lower hardware, then, remove the coilover. (See Photos 22 & 23)



Photo 24



Photo 25



12. Compress the spring assembly, then, remove the spring retainer as shown. (See Photos 24 & 25)



Photo 26



Photo 27



Photo 28

13. Remove the secondary spring, slider and main spring as shown. (See Photos 26, 27 & 28)

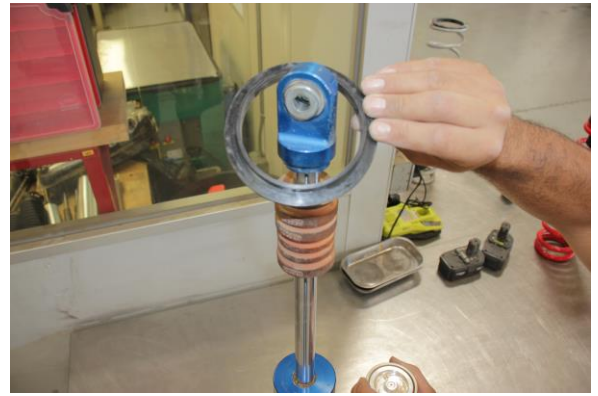


Photo 29

14. Install the provided adapter as shown. (See Photo 29)

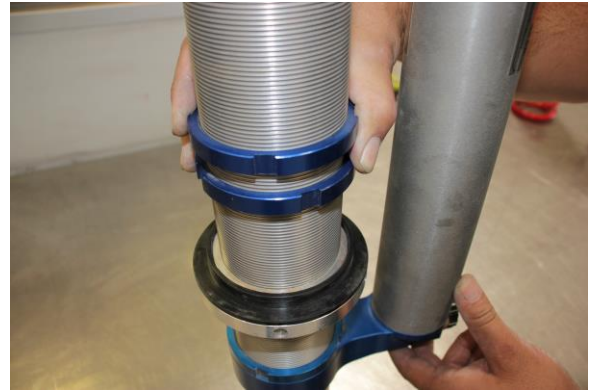


Photo 30

15. Install the provided crossover ring as shown but do not tighten at this time. (See Photo 30)  
**Note: The crossover rings shown in the pic are for representation only. The production crossover ring will be a 2-piece design.**

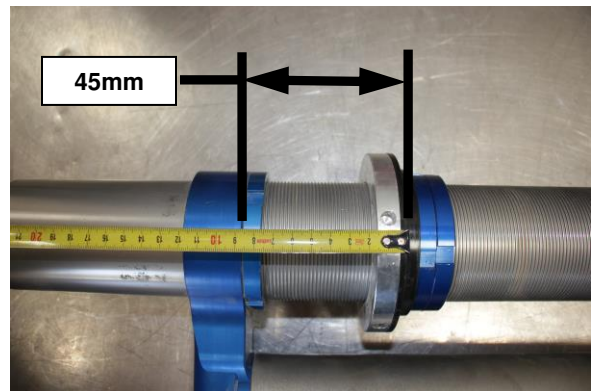


Photo 31

16. Set the preload collar to 45mm as shown. (See Photo 31)

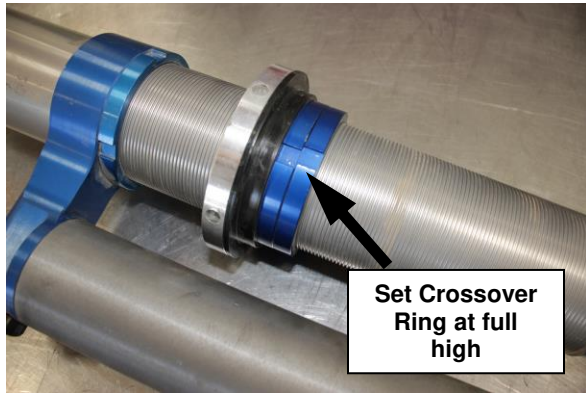


Photo 32

17. Set the crossover ring at full high as shown. (See Photo 32)

**Note:** For this installation the crossover rings will be set at full high. For more information on tuning your rear suspension, visit [Eibach.com](http://Eibach.com).

**Note:** You can now tighten the crossover ring set screws. Do not overtighten the set screws as they may break. Only apply enough pressure so that the crossover rings will no longer move when applying force to them.

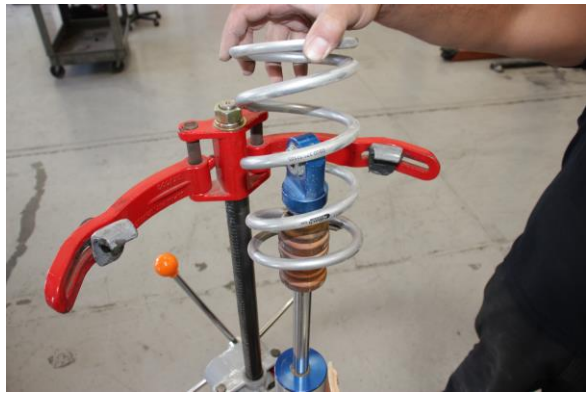


Photo 33



Photo 34



Photo 35

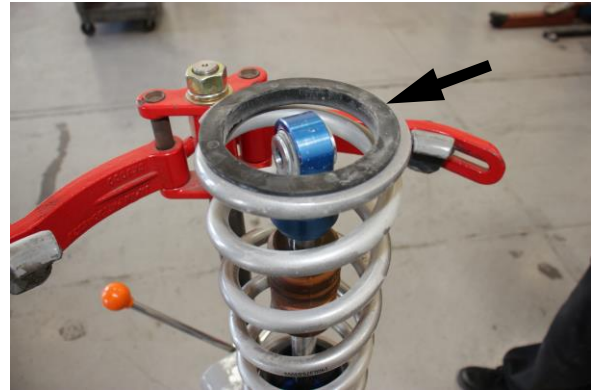


Photo 36

18. You can now install the secondary spring, slider, main spring and adapter as shown. (See Photos 33, 34, 35 & 36)



Photo 37



Photo 38





**Photo 39**

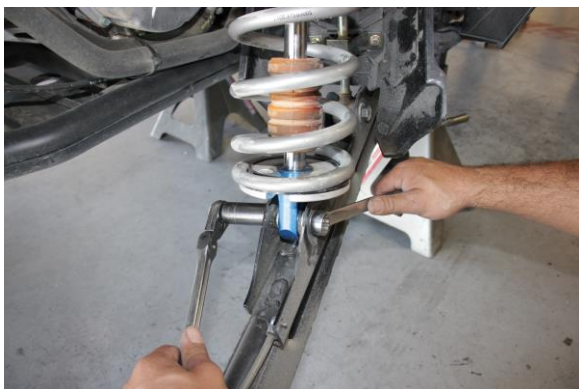
19. Compress the spring assembly, then, install the retainer as shown. (See Photos 37, 38 & 39)



**Photo 40**

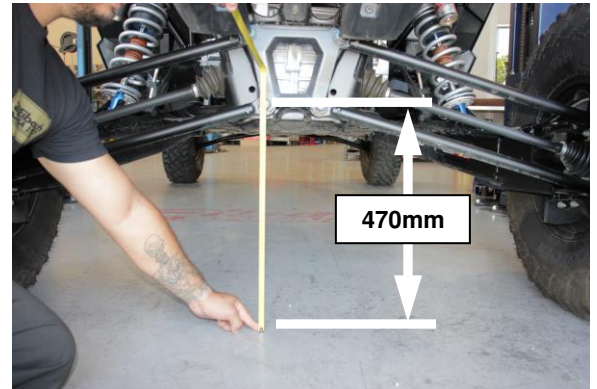


**Photo 41**



**Photo 42**

20. You can now reinstall the coilover and secure it to the upper and lower mounts with the OE hardware as shown. (See Photos 40, 41 & 42)
21. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.



**Photo 43**

22. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 16 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 **470mm** 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 43)

## RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:** 3 Clicks in (Clockwise) from full open.
- **Rear:** 6 Clicks in (Clockwise) 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