

Installation Instructions

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PRO-UTV #E85-209-004-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0400S	2
	Front Secondary Spring	0600.300.0350S	2
	Rear Main Spring	1000.300.0400S	2
	Rear Secondary Spring	0600.300.0300S	2
	Front Slider	8001100	2
	Rear Crossover Ring	8001063	2
	Rear Slider	8001064	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 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



Photo 4

2. Loosen and remove the hardware that secures the coilover to the upper mount and lower control arm, then, remove the coilover as shown. **Note: Be careful to**

not lose the lower coilover mount spacers as they will need to be re-used. (See Photos 1, 2, 3 & 4)

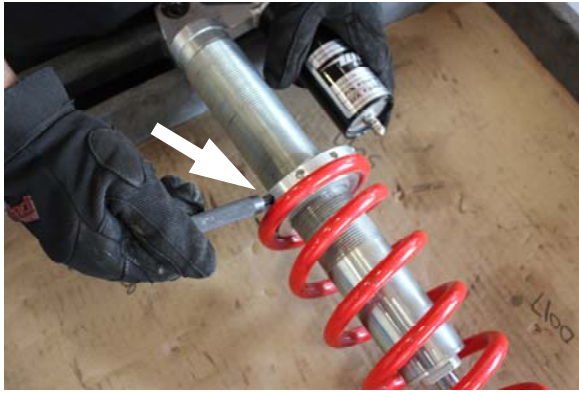


Photo 5



Photo 6

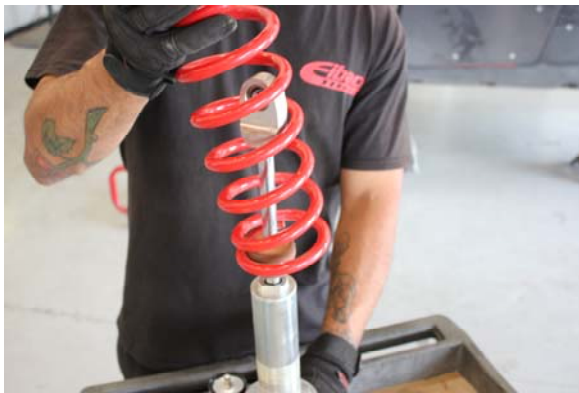


Photo 7

3. Using the OE height adjustment tools, release the preload from the OE springs, then, remove the lower spring seat, and the OE spring as shown. (See Photos 5, 6 & 7)

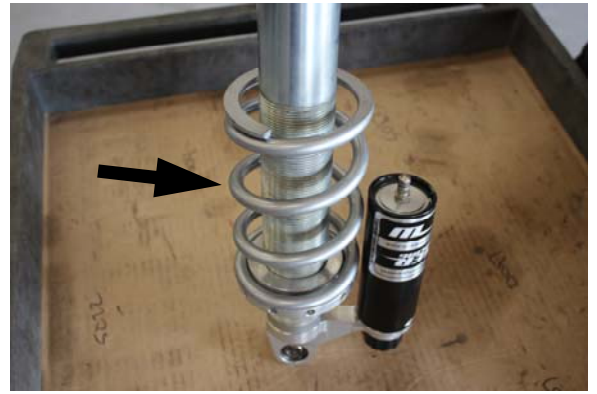


Photo 8

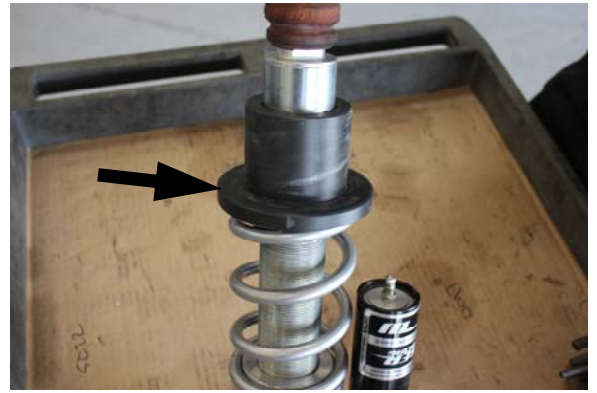


Photo 9

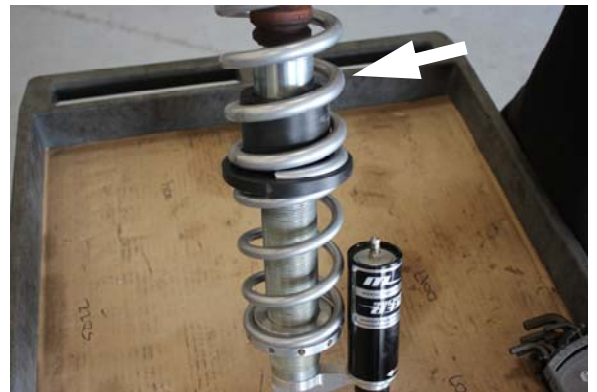


Photo 10

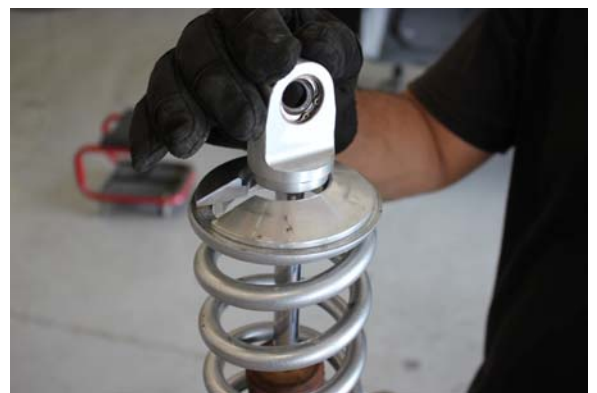


Photo 11

4. Set the adjustable collar at full low, then, install the secondary spring, slider, main spring, and lower spring seat as shown. (See Photos 8, 9, 10 & 11)



Photo 12

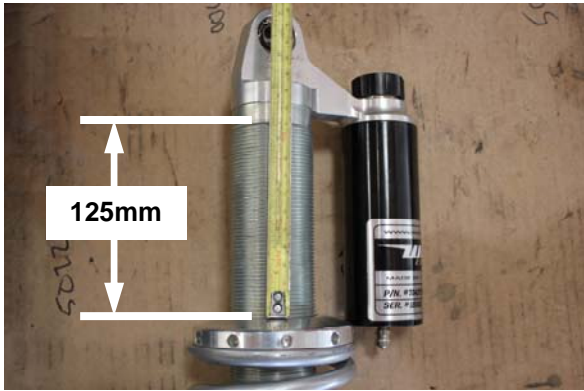


Photo 13

5. Preload the springs and set the height at **125mm** as shown. (See Photos 12 & 13)



Photo 14



Photo 15



Photo 16

6. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 14, 15 & 16)
7. 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 17

8. Adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **step 5 Photo 13** will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **430mm** measuring from the ground to the center line of the inner control arm bolt as shown above (See Photo 17) **Note: The measurement listed above is based on a stock tire/wheel combination. If you are running a larger than stock tire/wheel combination, the measurement will have to be adjusted accordingly.**

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 18



Photo 19



Photo 20

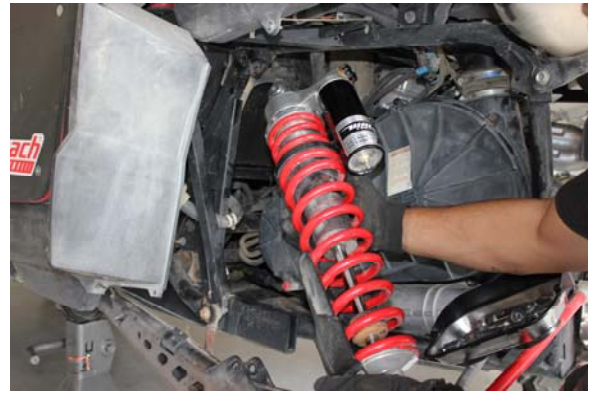


Photo 21

2. Loosen and remove the upper and lower coilover mount hardware, then, remove the coilover from the vehicle. **Note: Be careful not to lose the lower coilover mount spacers as they will need to be re-used. (See Photos 18, 19, 20 & 21)**
3. Loosen the preload collars, then, disassemble the spring assembly.

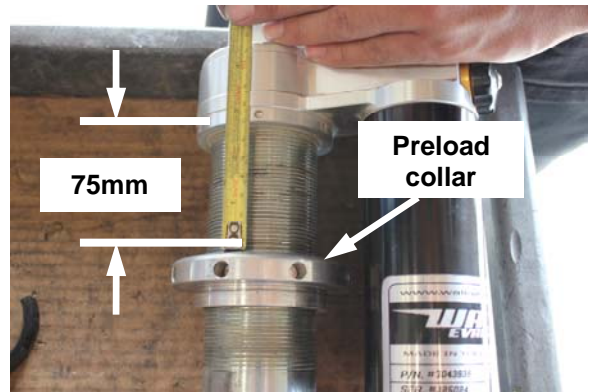


Photo 22



Photo 23



Photo 24

4. Set the preload collar at 75mm, then, install the two piece crossover ring and set the crossover ring at full high, butting it up against the preload collar. (See Photos 22 23 & 24) Note: As instructed, set the crossover ring at full high and adjust/tune as necessary for added weight/passengers.



Photo 25



Photo 26

5. You can now set the preload collar at full high, then, assemble the secondary spring, slider, main spring, and OE dust shield onto the coilover as shown. (See Photos 25 & 26)



Photo 27



Photo 28



Photo 29

9. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 27, 28 & 29)
10. 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.

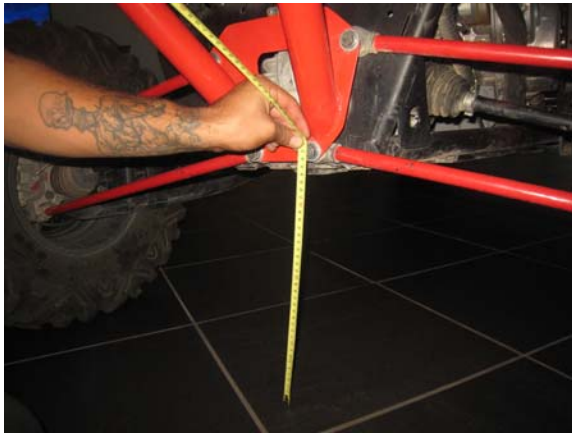


Photo 30

11. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **step 4, photo 22**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the vehicle ride height to **395mm** measuring from the ground to the centerline of the lower control arm bolt as shown. **(See Photo 30)**

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:**
7 clicks out from closed
- **Rear:**
10 clicks out from 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>