

Installation Instructions

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PRO-UTV #E85-209-013-02-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0250S	2
	Front Secondary Spring	0800.300.0200S	2
	Rear Main Spring	1600.300.0150S	2
	Rear Secondary Spring	1200.300.0150S	2
	Front Slider	8001100	2
	Front Crossover Ring	8001224	2
	Rear Slider	8001064	2
	Rear Crossover Ring	8001063	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 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

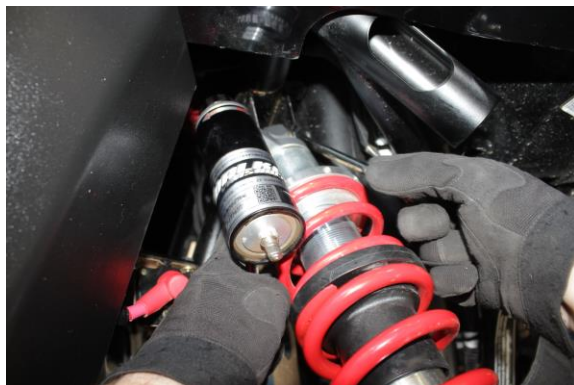


Photo 2

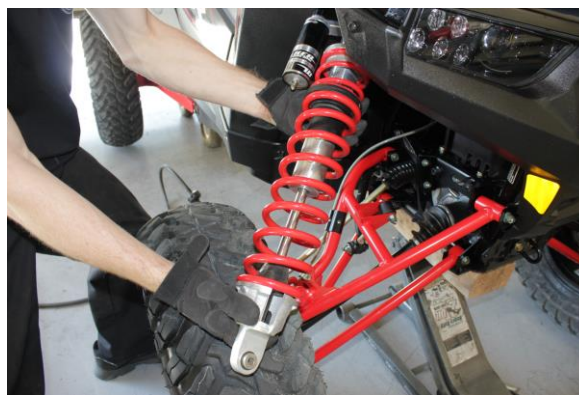


Photo 3

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. Fully loosen the preload collar, then, press firmly downwards on the spring and 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)

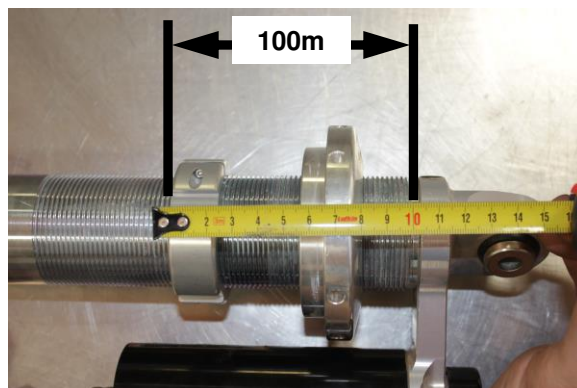


Photo 9



Photo 10

5. Install and set the provided crossover ring at 100mm measuring from the end of the threads to the bottom of the crossover ring as shown. **Note: 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.** (See Photos 9 & 10)



Photo 11



Photo 12



Photo 13

6. You can now install the secondary spring, new slider, and main spring as shown. (See Photos 11, 12 & 13)



Photo 14



Photo 15

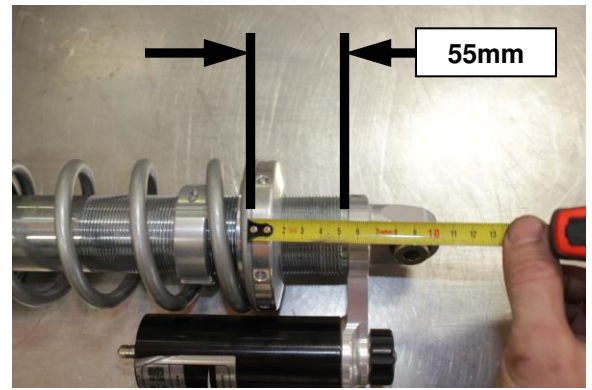


Photo 16

7. Install the OE retainer, then, adjust and set the preload collar to **55mm** as shown. (See Photos 14, 15 & 16)



Photo 17



Photo 18



Photo 19

8. You can now reinstall the coilover using the factory hardware. (See Photos 17, 18 & 19)
9. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.

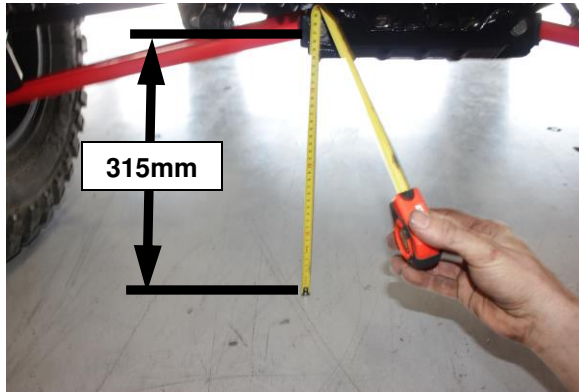


Photo 20

10. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 7 Photo 16** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **315mm** 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 20)

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 21

2. Remove the fender cover which will make it easier to get to the upper shock mount hardware. (See Photo 21)



Photo 22



Photo 23



Photo 24

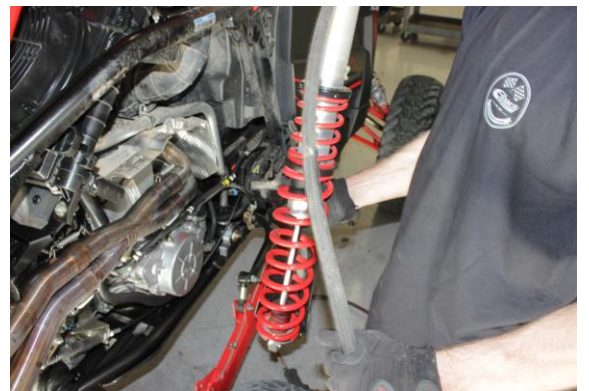


Photo 25

3. Loosen the reservoir clamp, then, remove the hardware that secures the upper and lower coilover mounts, and remove the coilover as shown. (See Photos 22, 23, 24 & 25)

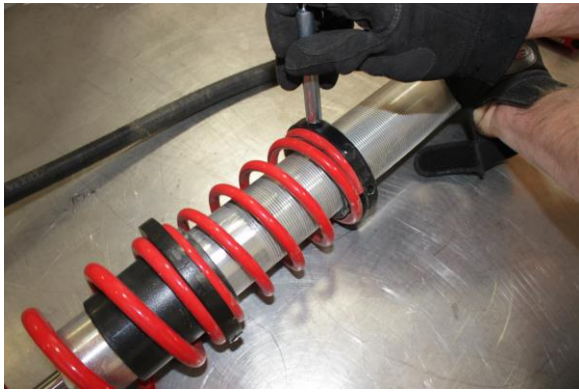


Photo 26



Photo 27



Photo 28



Photo 29



Photo 30



Photo 31

4. Fully loosen the preload collar, then, remove the retainer, dust shield, secondary spring, slider and main spring as shown. (See Photos 26, 27, 28, 29, 30 & 31)

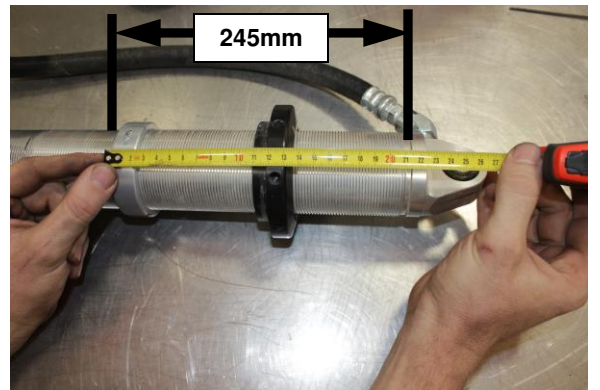


Photo 32



Photo 33

11. Install and set the provided crossover ring at **245mm** measuring from the end of the threads to the bottom of the crossover ring as shown. **Note: 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.** (See Photos 32 & 33)



Photo 34



Photo 35



Photo 36

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



Photo 37



Photo 38

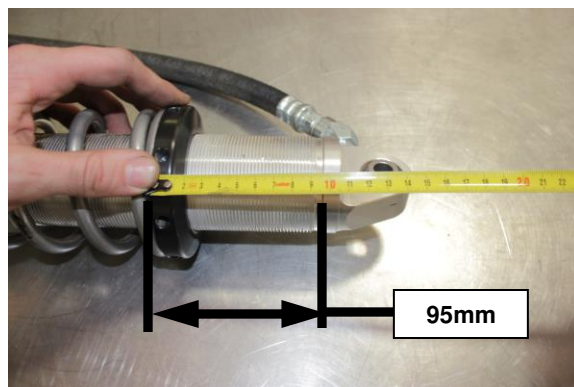


Photo 39

6. Install the OE dust shield and retainer in their original orientation, then, adjust and set the preload collar to **95mm** measuring from the top of the spring to the end of the threads as shown. (See Photos 37, 38 & 39)



Photo 40



Photo 41



Photo 42



Photo 43

7. You can now reinstall the coilover and secure it to the upper and lower mounts with the OE hardware, then, secure the reservoir as well. (See Photos 40, 41, 42 & 43)



Photo 44

8. Reinstall the fender cover as shown. (See Photo 44)
9. Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.

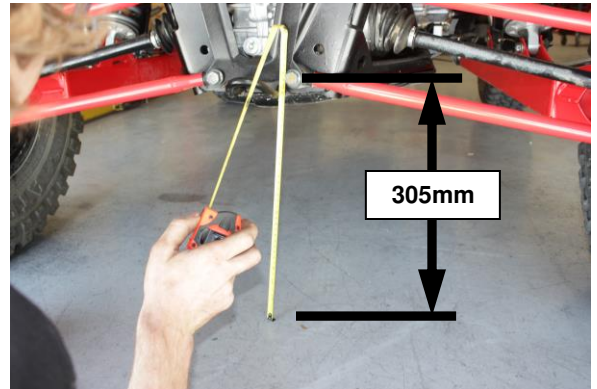


Photo 45

12. You can now adjust the upper preload collar to adjust the ride height. The recommended preload measurement in **Step 6 Photo 39** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **305mm** 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 45)

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:** Full Open.
- **Rear:** 2 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