

Installation Instructions

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PRO-UTV #E85-209-005-02-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.250.0300S	2
	Front Secondary Spring	0700.250.0300S	2
	Rear Main Spring	1000.250.0300S	2
	Rear Secondary Spring	0700.250.0325S	2
	Crossover Ring	8001107	8
	Slider	84-4833	4
	Spring Adapter, 2.25-2.5	ADAPTER225-250.0	8
	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

2. Loosen and remove the hardware that secures the coilover to the upper mount and upper control arm, then, remove the coilover as shown. (See Photos 1, 2 & 3)



Photo 4



Photo 5



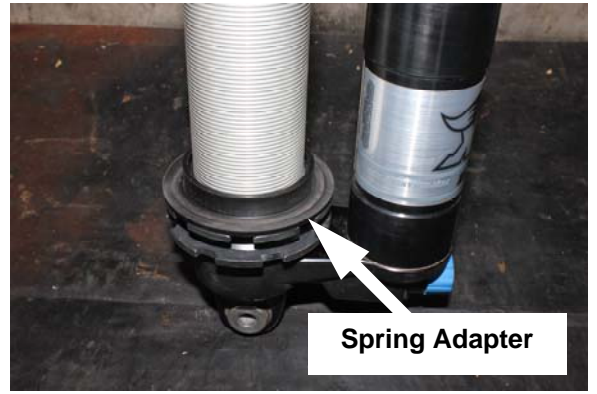
Photo 6

- 3. Loosen the preload collars, then, remove the OE spring retainer and OE spring from the coilover. (See photos 4, 5 & 6) Note: The OE slider will be re-used for the installation.



Spring Adapter

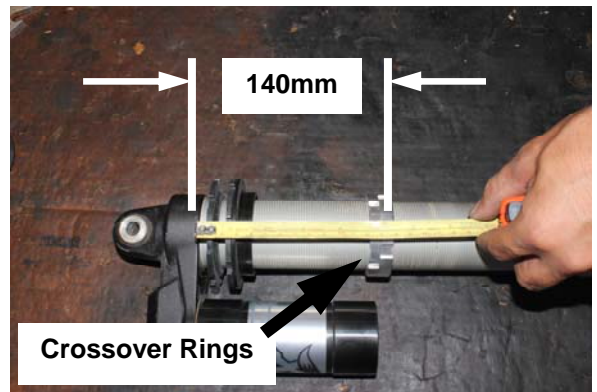
Photo 7



Spring Adapter

Photo 8

- 4. Install the provided spring adapter as shown. (See Photos 7 & 8)

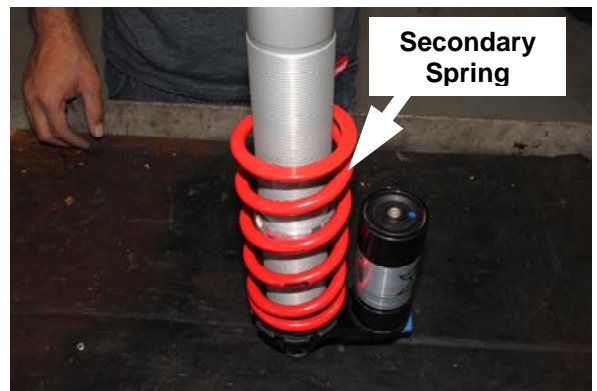


140mm

Crossover Rings

Photo 9

- 5. Install the provided crossover rings and set the height at 140mm as shown. (See Photo 9)



Secondary Spring

Photo 10

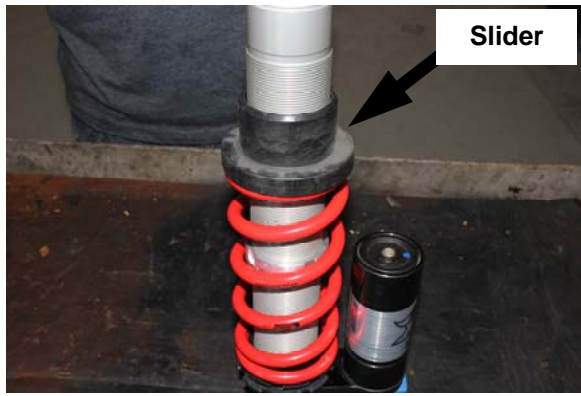


Photo 11

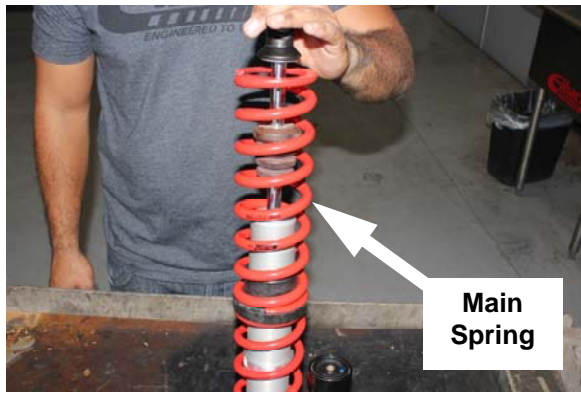


Photo 12

- 6. With the preload collar at full low, install the secondary spring, OE slider, and main spring as shown. (See Photos 10, 11 & 12)



Photo 13



Photo 14

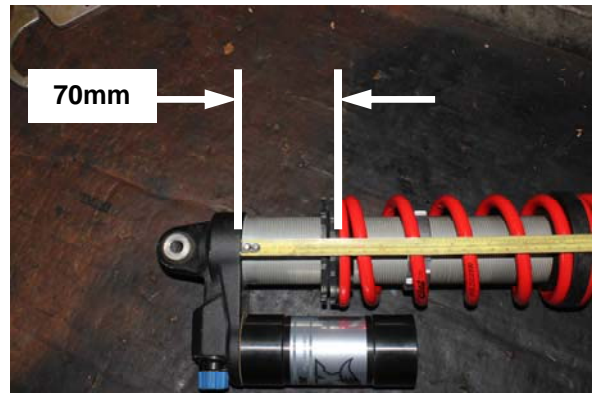


Photo 15

- 7. Install the provided spring adapter and the OE spring retainer, then, adjust/set the preload collars to 70mm as shown. (See Photos 13, 14 & 15)



Photo 16

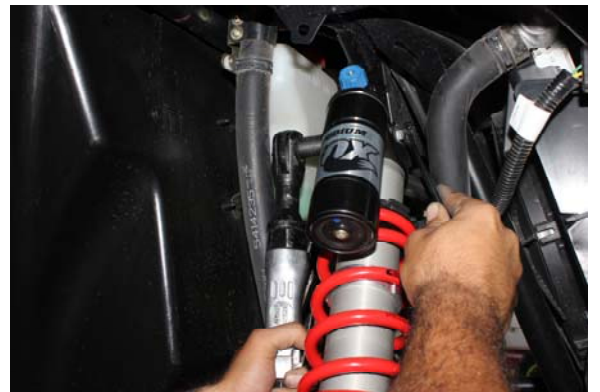


Photo 17



Photo 18

8. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 16, 17 & 18)
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 19

10. Adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 7, photo 15**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **400mm** measuring from the ground to the center line of the lower control arm bolt as shown above (See Photo 19) **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 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 20



Photo 21



Photo 22

2. Loosen and remove the hardware that secures the coilover to the upper mount and lower control arm, then, remove the coilover as shown. (See Photos 20, 21 & 22)



Photo 23



Photo 24



Photo 25

- Loosen the preload collars, then, remove the OE spring retainer and OE springs from the coilover. (See photos 23, 24 & 25) Note: The OE slider will not be re-used for this installation. Also note the orientation of the OE dust shield so that it can be re-installed in the same orientation.

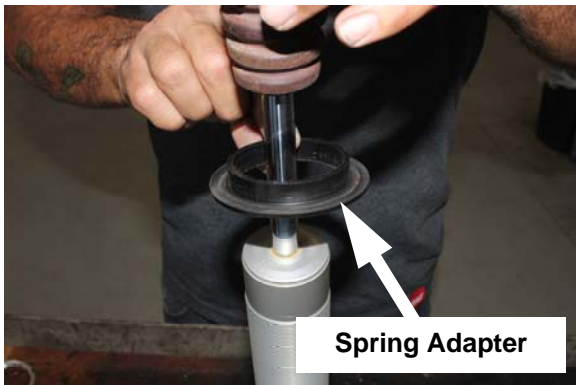


Photo 26

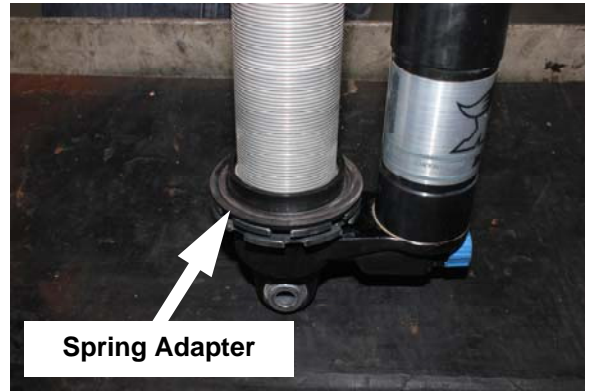


Photo 27

- Install the provided spring adapter as shown. (See Photos 26 & 27)

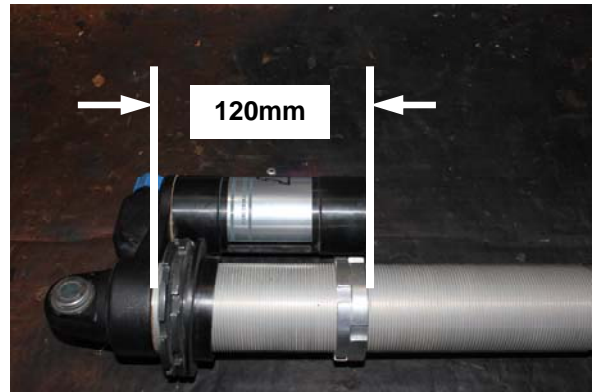


Photo 28

- Install the provided crossover rings and set the height at 120mm as shown. (See Photo 28)

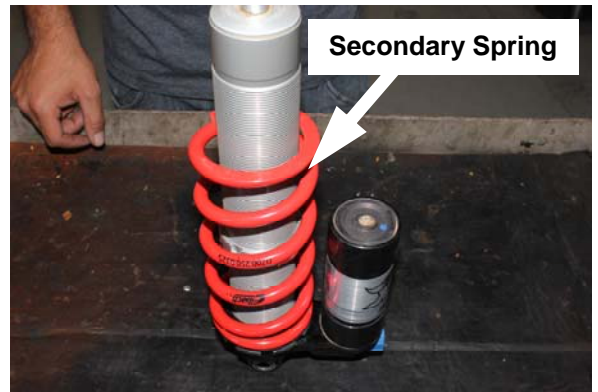


Photo 29

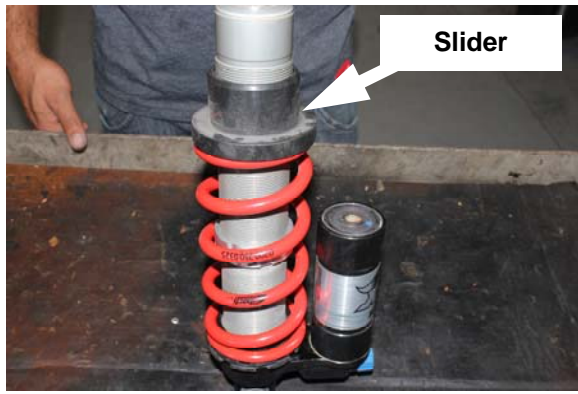


Photo 30

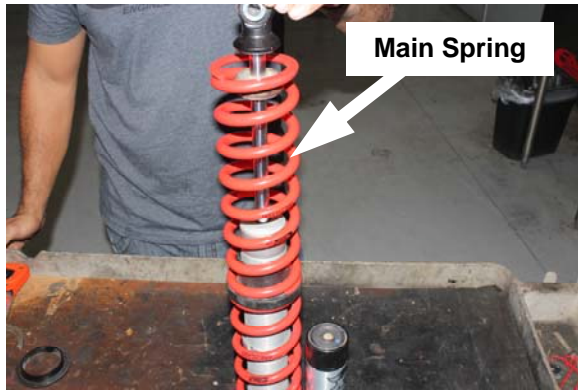


Photo 31

6. You can now install the secondary spring, slider, and main spring as shown. (See Photos 29, 30 & 31)



Photo 32



Photo 33

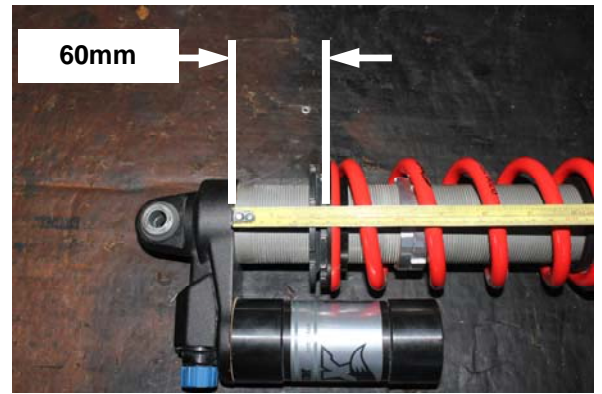


Photo 34

7. Install the spring adapter and the OE spring retainer/dust shield assembly, then, adjust/set the preload collars to **60mm** as shown. (See Photos 32, 33 & 34) **Note: Make sure to align the dust shield in the OE orientation.**



Photo 35



Photo 36

8. You can now reinstall the coilover securing it to the upper and lower mounts using the OE hardware. (See Photos 35 & 36)
9. 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 37

10. You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 7, photo 34**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **385mm** measuring from the ground to the center line of the lower control arm bolt as shown. **(See Photo 37)**
Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:**
10 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 how to tune your suspension visit the following link.
<http://eibach.com/america/en/motorsport/eibach-ero-eibach-racing-off-road-system-guide>