

Installation Instructions

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PRO-UTV #E85-209-009-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0300S	2
	Front Secondary Spring	0600.300.0250S	2
	Rear Main Spring	1400.375.0300S	2
	Rear Secondary Spring	1000.375.0200S	2
	Front Crossover Ring	8001104	4
	Front Slider	8001064	2
	Rear Crossover Ring	8001106	4
	Rear Slider	8001105	2
	Adapter, 3.25-3.75	ADAPTER325-375.0	2
	Adapter, 3.50-3.75	ADAPTER350-375.0	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

- 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 1, 2 & 3)
- Loosen the preload collars, then, remove the OE springs from the coilover.

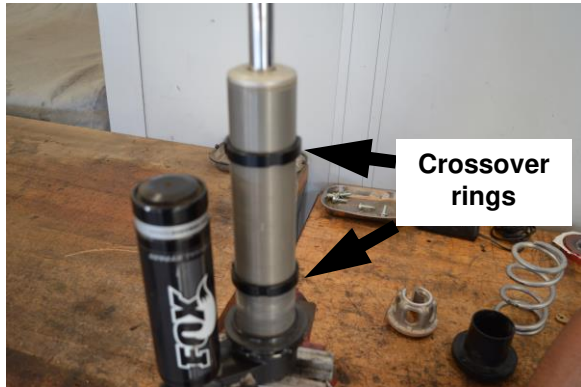


Photo 4

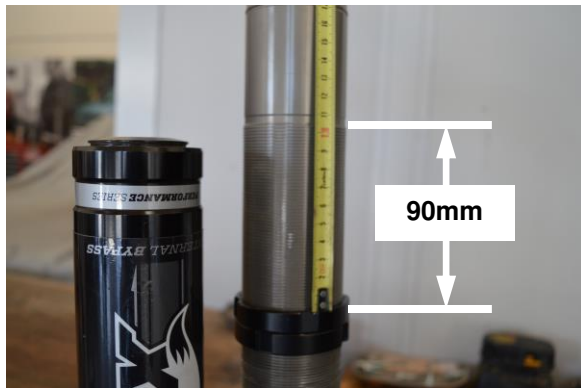


Photo 5



Photo 6

- Install the provided crossover rings and set the height at 90mm as shown. (See Photos 4, 5 & 6)

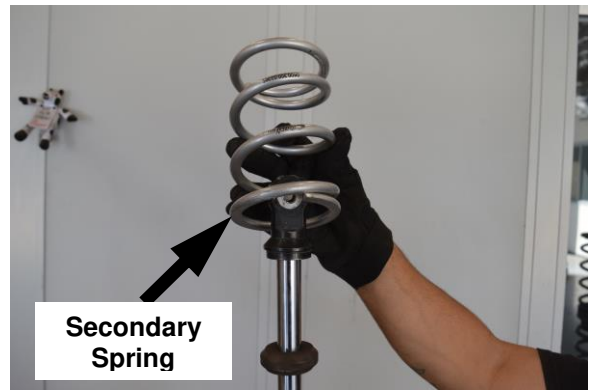


Photo 7



Photo 8



Photo 9

- Set the preload collar at full low, then, install the secondary spring, slider, and main spring as shown. (See Photos 7, 8 & 9)



Photo 10



Photo 11

6. Compress the springs and install the lower spring mount as shown. (See Photos 10 & 11)



Photo 12

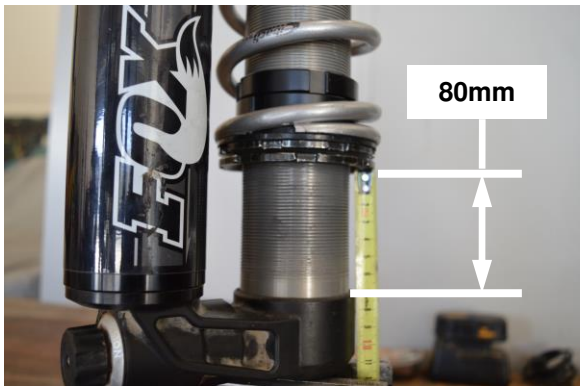


Photo 13

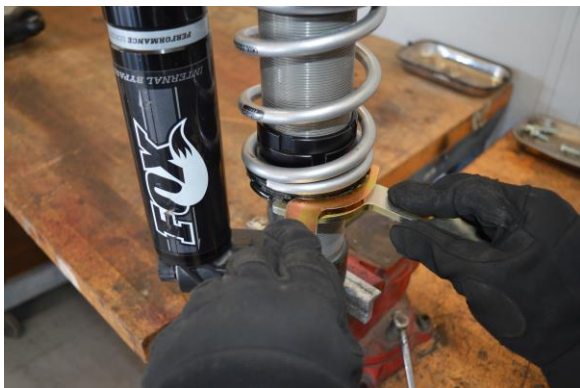


Photo 14

7. Preload the springs and set the height at **80mm**, then, lock the collars as shown. (See Photos 12, 13 & 14)



Photo 15



Photo 16



Photo 17

8. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 15, 16 & 17)
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 18

- Adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 7, 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 **400mm** from the ground to the center line of the inner control arm bolt as shown above (See **Photo 18**) **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

RECOMMENDED REAR SET-UP

- 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 19



Photo 20

- Using the OE height adjustment tools, adjust the upper spring perch upwards until there is no preload on the spring (See **Photos 19 & 20**)



Photo 21

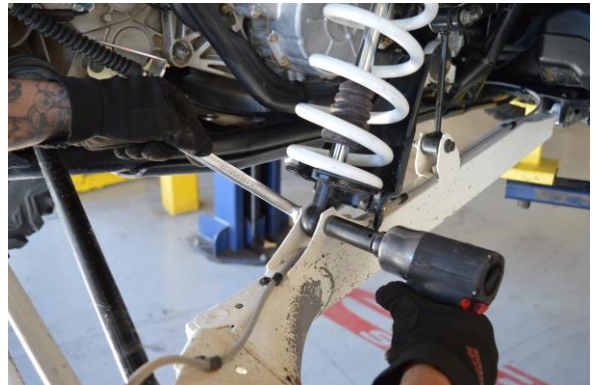


Photo 22

- Using a screwdriver, pry upwards on the bump stop as shown, then, loosen and remove the OE hardware that secures the coilover to the lower control arm. (See **Photos 21 & 22**)

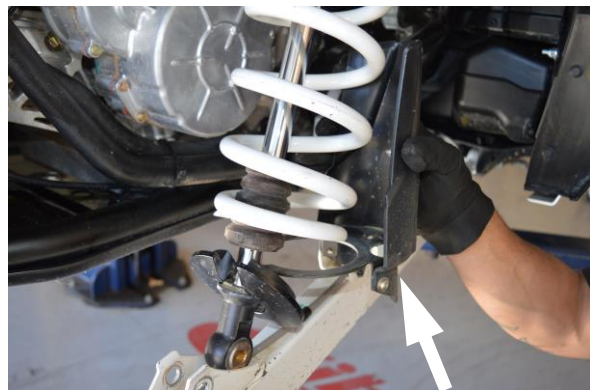


Photo 23

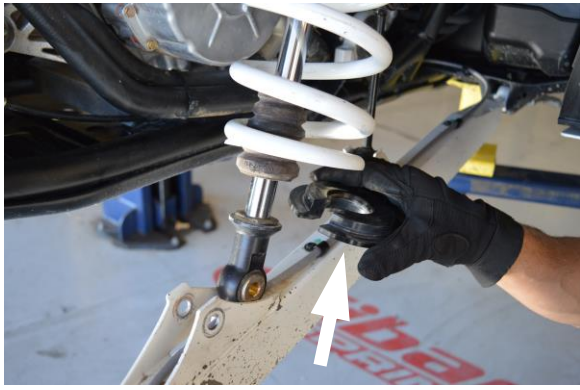


Photo 24

4. You can now separate the coilover from the lower control arm, then, move the spring assembly upwards just enough to unload the lower spring seat, and remove the dust cover and spring seat as shown. (See Photos 23 & 24)

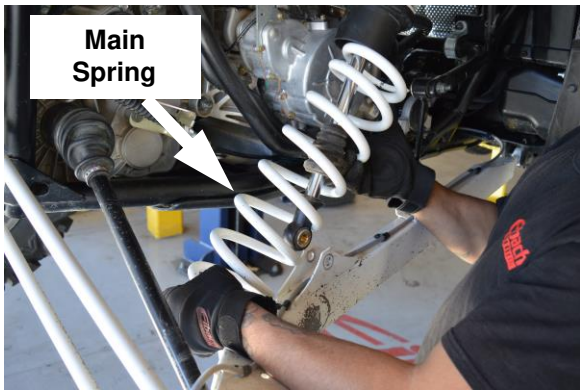


Photo 25



Photo 26



Photo 27

5. Remove the main spring, slider, secondary spring and the upper spring adapter as shown. (See Photos 25, 26 & 27)

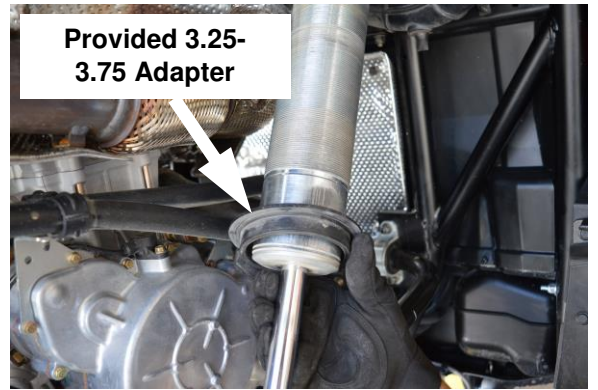


Photo 28

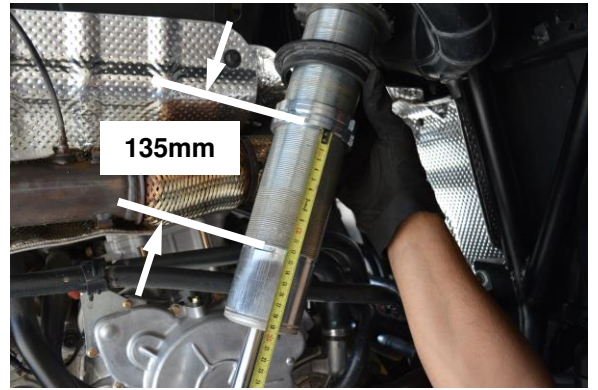


Photo 29



Photo 30

6. Install the provided 3.25-3.75 adapter, and two crossover rings, then, set the crossover height at **135mm** measuring from the bottom of the threads to the crossover ring, then, using the adjustment tools, lock the collars as shown. (See Photos 28, 29 & 30)



Photo 31



Photo 32

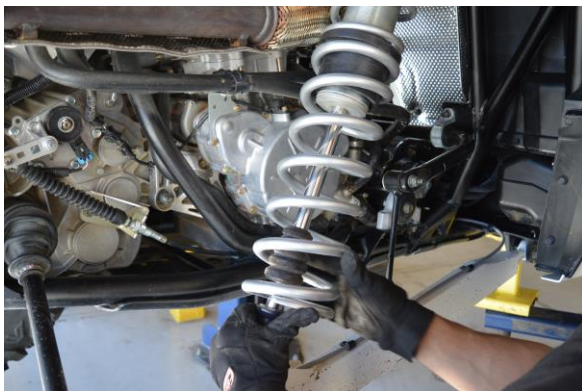


Photo 33

7. You can now install the secondary spring, slider, and main spring as shown. (See Photos 31, 32 & 33)

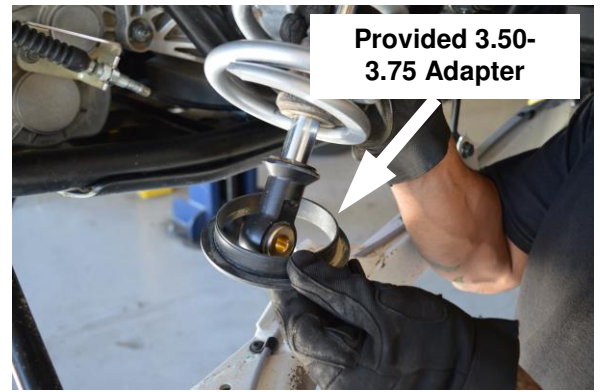


Photo 34

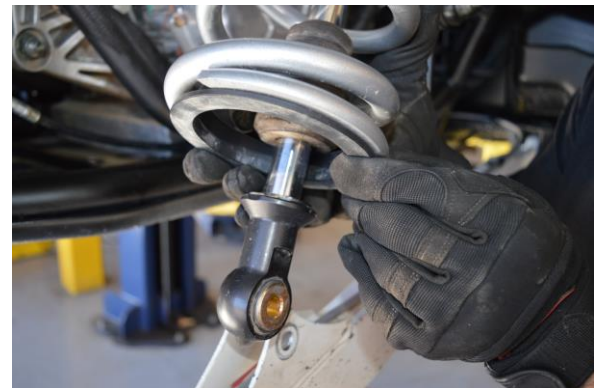


Photo 35

8. Install the provided 3.50-3.75 adapter as shown. (See Photos 34 & 35)



Photo 36

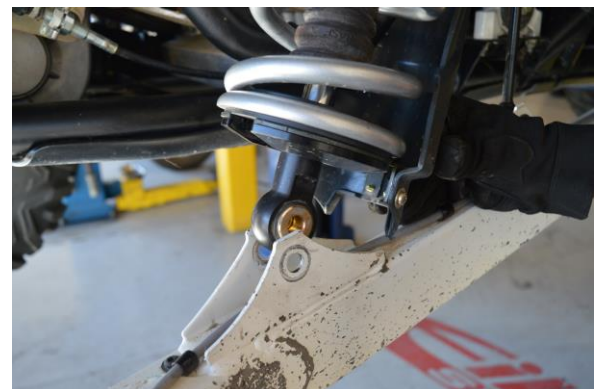


Photo 37

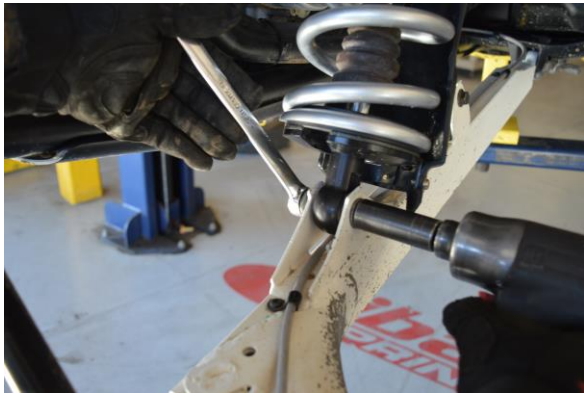


Photo 38

9. Install the dust shield and lower spring mount, then secure the coilover to the lower control arm using the OE hardware as shown. (See Photos 36, 37 & 38)

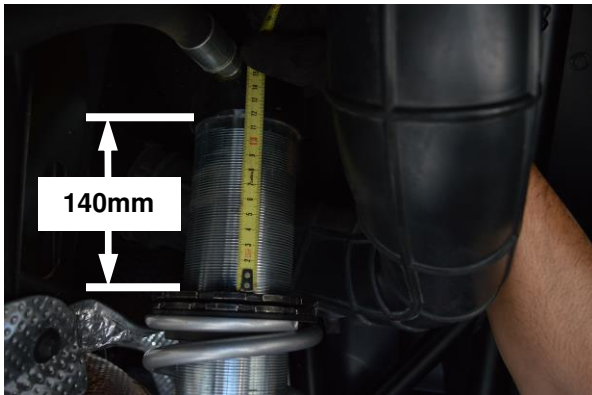


Photo 39



Photo 40

10. Now preload the upper spring seat collars and set the height at **140mm** measuring from the top of the collars to the top of the threads as shown. (See Photos 39 & 40)
11. 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 41

12. You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 10, photo 39**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **400mm** from the ground to the center line of the lower control arm bolt as shown (See Photo 41)) **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Compression Front:** 12 clicks out from fully closed.
- **Compression Rear:** 12 clicks out from fully closed.

Note: These are the recommended shock settings that we tested using the spring rates provided in this kit