

# Installation Instructions

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## PRO-UTV #E85-211-001-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1200.300.0250S	2
	Front Secondary Spring	0400.300.0400S	2
	Rear Main Spring	1400.300.0300S	2
	Rear Secondary Spring	0600.300.0400S	2
	Slider	8001064	4
	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

2. Remove the screws that secure the front cover, then, remove the cover as shown. (See Photos 1 & 2)



Photo 3

3. Loosen and remove the two forward screws that secure the cover as shown. (See Photo 3)



Photo 4



**Photo 5**

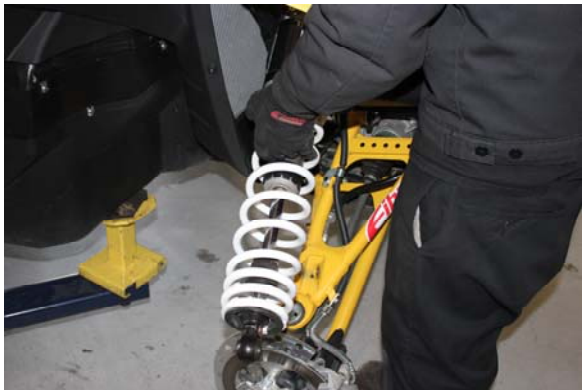
4. Remove the bolt on the plastic cover, then, pull the cover forward as shown. (See Photos 4 & 5)



**Photo 6**



**Photo 7**



**Photo 8**

5. 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 6, 7, & 8)



**Photo 9**

6. Loosen the locking collar and upper spring seat to release preload as shown. (See Photo 9)



**Photo 10**



**Photo 11**

7. Pry the bump stop upward just enough to slide the lower spring seat off the coilover as shown. (See Photos 10 & 11)



Photo 12

8. You can now slide the OE spring off the coilover as shown. (See Photo 12)



Photo 13



Photo 14



Photo 15

9. Install the coilover into a coilover vice, resting the jaws onto the bottom of the plastic spring guide as shown, then, lightly tap downwards on the bump stop cap to disengage/slide the spring guide off the coilover. (See Photos 13, 14 & 15) Note: Be sure to avoid clamping onto the actual coilover. Damage to the coilover can occur if excessive pressure is applied to the coilover housing.



Photo 16



Photo 17



Photo 18

10. You can now install the secondary spring, slider, and primary spring, onto the coilover as shown. (See Photos 16, 17 & 18)



Photo 19



Photo 20

11. Install the lower spring seat as shown. (See Photos 19 & 20)



Photo 21

12. Preload the springs to **68mm** as shown above, measuring from the end of the threads to the locking collar. (See Photo 21) **Note: This may need to be adjusted in order to dial in the proper ride height as specified in step 15.**



Photo 22



Photo 23



Photo 24



Photo 25

13. You can now reinstall the coilover using the OE hardware as shown. (See Photos 22, 23, 24 & 25)

- 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 26

- You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in step 12 will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **415mm** from the ground to the center line of the inner control arm bolt as shown above (See Photo 26)

### 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 27



Photo 28



Photo 29

- Loosen and remove the upper and lower coilover hardware, then, remove the coilover as shown. (See Photos 27, 28 & 29)

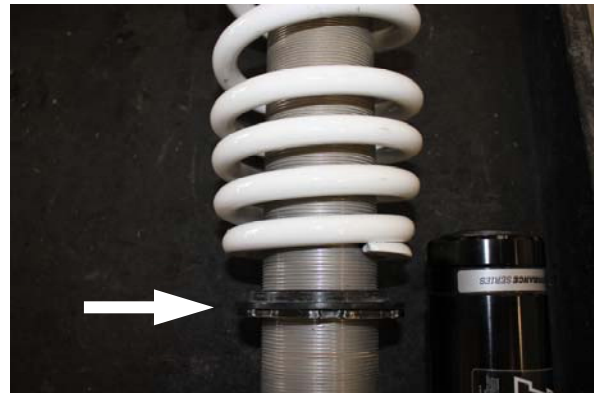


Photo 30

- Using the height adjustment tool, loosen the upper spring perch until there is no preload on the spring. (See Photo 30)



Photo 31



Photo 32

4. Pry the bump stop upward just enough to slide the lower spring seat off the coilover as shown. (See Photos 31 & 32)



Photo 33

5. You can now remove the OE spring from the coilover. (See Photo 33)



Photo 34



Photo 35



Photo 36

6. Install the coilover into a coilover vice, resting the jaws onto the bottom of the plastic spring guide as shown, then, lightly tap downwards on the bump stop cap to disengage/slide the spring guide off the coilover. (See Photos 34, 35 & 36) **Note: Be sure to avoid clamping onto the actual coilover. Damage to the coilover can occur if excessive pressure is applied to the coilover housing.**



Photo 37



Photo 38



Photo 39

7. You can now install the secondary spring, slider, and the main spring as shown. (See Photos 37, 38 & 39)



Photo 40



Photo 41

8. Install the lower spring seat. (See Photos 40 & 41)



Photo 42

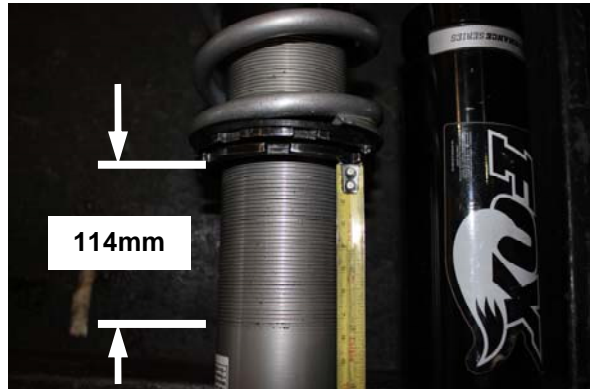


Photo 43

9. Preload the springs to 75mm as shown above, measuring from the end of the threads to the locking collar. (See Photos 42 & 43) Note: This may change in order to dial in the proper ride height as specified in step 12.



Photo 44



**Photo 45**



**Photo 46**



**Photo 47**

10. You can now install the coilover, securing it with the OE hardware. **(See Photos 44, 45, 46 & 47)**
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 48**

12. You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in step 9 will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **355mm** from the ground to the center line of the lower control arm bolt as shown **(See Photo 48)**