

Installation Instructions

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PRO-UTV #E85-209-001-02-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1000.300.0250S	2
	Front Secondary Spring	0600.300.0200S	2
	Rear Main Spring	1800.300.0300S	2
	Rear Secondary Spring	1000.300.0150S	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



Photo 1

1. Begin by measuring and recording the ride height from the ground to the inner bolt on the lower control arm. (See Photo 1)
2. 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.**
3. Loosen and remove the OE coilover per the factory recommended removal procedure.
4. Using a spring compressor, remove the OE spring from the coilover.

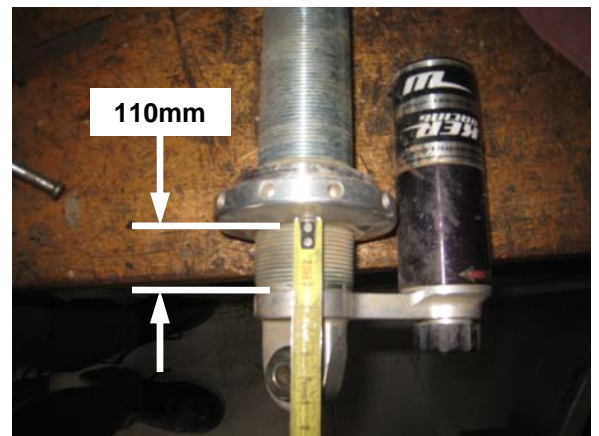


Photo 2

5. Adjust the spring seat to the recommended height of **110mm**, measuring from the bottoms of the spring seat, to the bottoms of the threads. (See Photo 2)



Photo 3



Photo 4

- Using a spring compressor, preload the main spring, then, assemble the coilover with the helper spring and slider as shown. **Note: Be sure to note the orientation of the upper and lower mounts. (See Photos 3 & 4)**



Photo 5



Photo 6

- Install the upper spring mount, then, slowly release the tension on the spring compressor, making sure the upper and lower spring seats are properly positioned. **(See Photos 5 & 6)**



Photo 7



Photo 8

- You can now reinstall the coilover using the factory hardware. **(See Photos 7 & 8)**
- Repeat the process on the opposite side, then, set the vehicle on the ground, making sure it's fully settled.



Photo 9

- Depending on the added options/weight of your vehicle, you may need to adjust the spring preload to achieve the OE ride height of **410mm** as originally measured in step 1, photo 1. **(See Photo 9)**

RECOMMENDED REAR SET-UP



Photo 10

1. Begin by measuring and recording the ride height from the ground to the inner bolt on the lower control arm. **(See Photo 10)**
2. 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.**
3. Using the height adjustment tool, adjust the upper spring perch upwards until there is no preload on the spring.



Photo 11



Photo 12

4. Loosen and remove the lower shock mount hardware, then, slide the lower shock mount clear of the mount. **(See Photos 11 & 12)**



Photo 13



Photo 14

5. Slide the OE bump stop, and spring upwards, then, remove the dust cover and spring seat. **(See Photos 13 & 14)**
6. You can now slide the OE springs and slider off the bottom of the coilover.

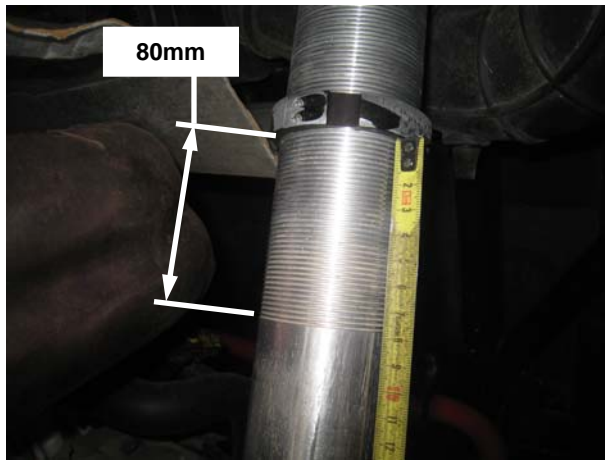


Photo 15

7. Install the crossover ring approximately **80mm** from the bottom of the coilover threads. **(See Photo 15)**



Photo 16

8. Slide the secondary spring and slider onto the bottom of the coilover. **(See Photo 16)**



Photo 17

9. Slide the primary spring onto the coilover. **(See Photo 17)**



Photo 18



Photo 19

10. Slide the lower spring perch and dust cover onto the bottom of the coilover. **(See Photos 18 & 19)**



Photo 20

11. Secure the coilover to the lower mount using the OE hardware. **(See Photo 20)**

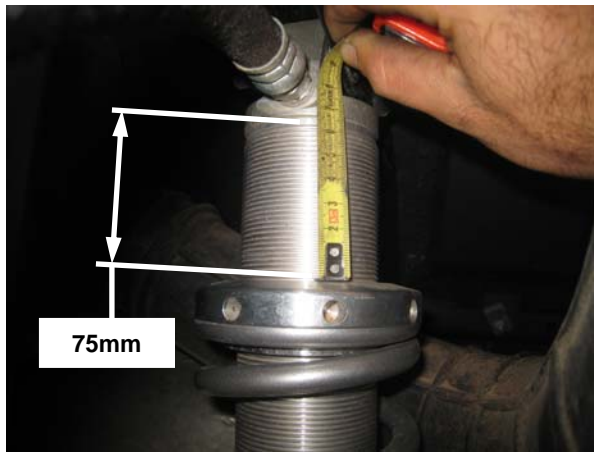


Photo 21

12. Adjust the spring seat to **75mm** from the top of the threads to the top of the spring seat.. **(See Photo 21)**
13. Set the vehicle on the ground, roll it back and forth to make sure it's fully settled, then, repeat this procedure on the opposite side.



Photo 22

14. With the vehicle on the ground and fully settled, adjust the crossover ring so that there is **63.5mm** from the bottom of the crossover ring, to the top of the slider. **(See Photo 22)**



Photo 23

11. Depending on the added options/weight of your vehicle, you may need to adjust the spring preload to achieve the OE ride height of **365mm** as originally measured in step 1, photo 10. **(See Photo 23)**