

Installation Instructions

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PRO UTV # E85-209-024-03-22

Kit Contents

Description	Part Number	Quantity
Front secondary spring	0800.300.0300S	2
Front main spring	1200.300.0300S	2
Rear secondary spring	1200.300.0250S	2
Rear main spring	1800.300.0350S	2
Front crossover ring	8001224	2
Front slider	8001100	2
Rear crossover ring	8001063	2
Rear slider	8001064	2

Notes

Read all instructions before beginning installation

Only qualified mechanics 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.

Installation



Step 1

Step 1. Loosen and remove the hardware that secures the coilover to the control arm.



Step 2

Step 2. Loosen and remove the hardware that secures the coilover to the upper mount.



Step 3

Step 3. Remove the coilover.



Step 4

Step 4. Compress the coilover, then, remove the spring retainer.



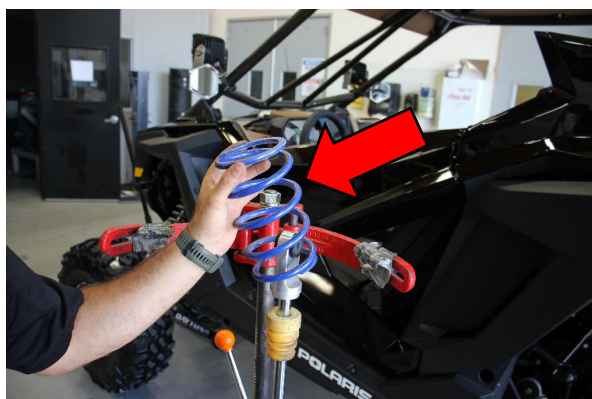
Step 5

Step 5. Remove the main spring



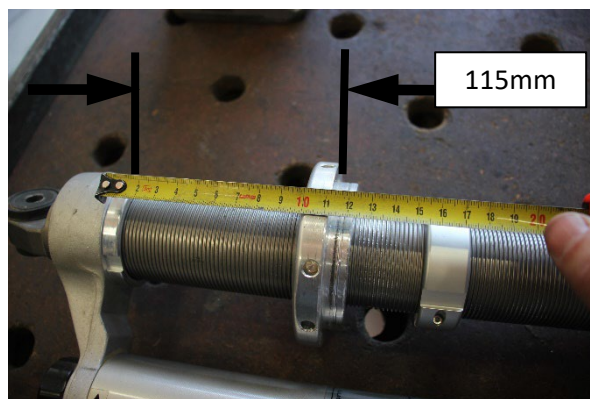
Step 6

Step 6. Remove the slider



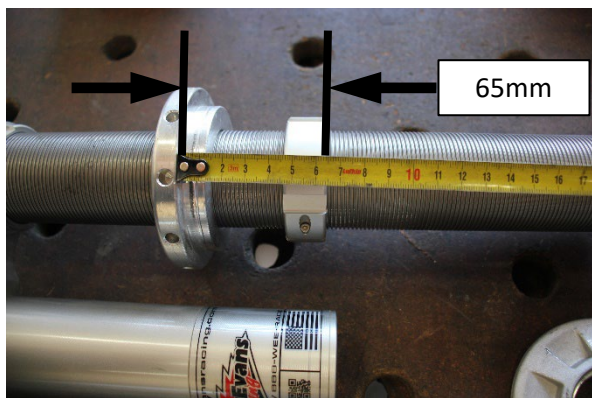
Step 7

Step 7. Remove the secondary spring



Step 8

Step 8. Set the preload collar to **115mm** measuring from the base of the reservoir housing to the spring flange.



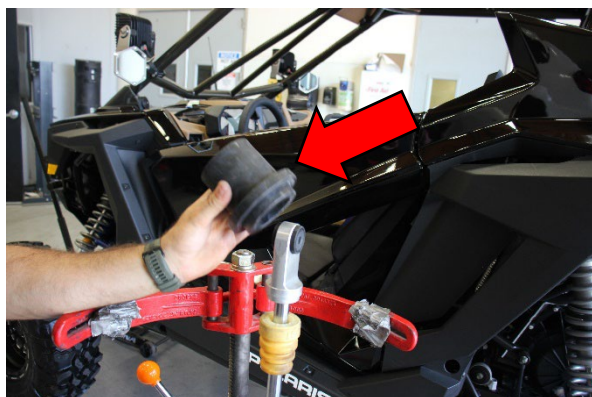
Step 9

Step 9. Install the crossover rings and set them at **65mm** measuring from the spring flange to the bottom of the crossover ring. Tighten down cross over ring screws, making sure not to over tighten.



Step 10

Step 10. Install the Eibach secondary spring.



Step 11

Step 11. Install the provided slider.



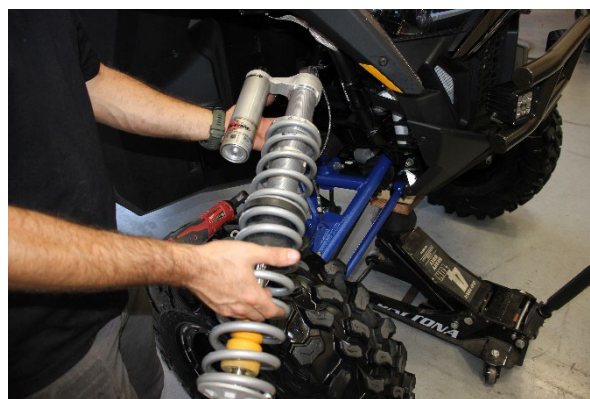
Step 12

Step 12. Install the Eibach main spring.



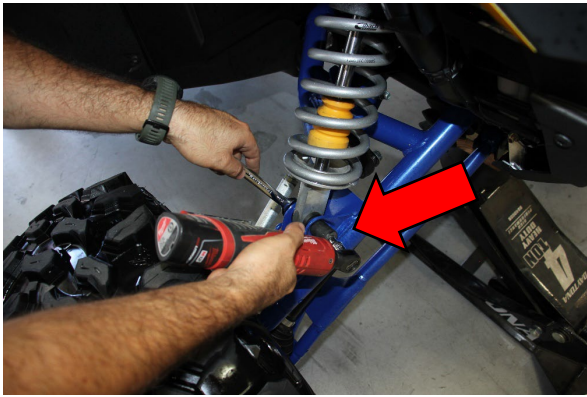
Step 13

Step 13. Install the OE spring retainer.



Step 14

Step 14. Reinstall the coilover.



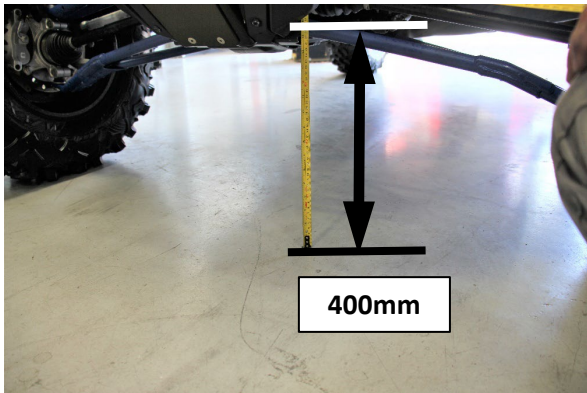
Step 15

Step 15. Secure the coilover to the control arm with the OE hardware.



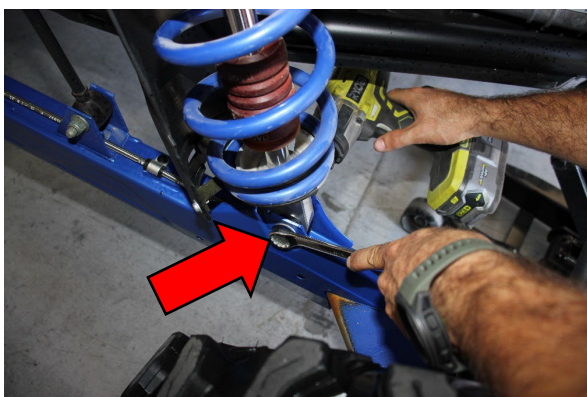
Step 16

Step 16. Secure the coilover to the upper mount with the OE hardware.



Step 17

Step 17. The recommended preload measurement in **Step 8** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **400mm** measuring from the ground to the center of the lower control arm bolt. Shock eye to eye length should be about 630mm **Note: Ride heights are measured with a 30in tire, if you have a larger tire size you may need to compensate.**



Step 18

Step 18. Loosen and remove the hardware that secures the rear coilover to the control arm.



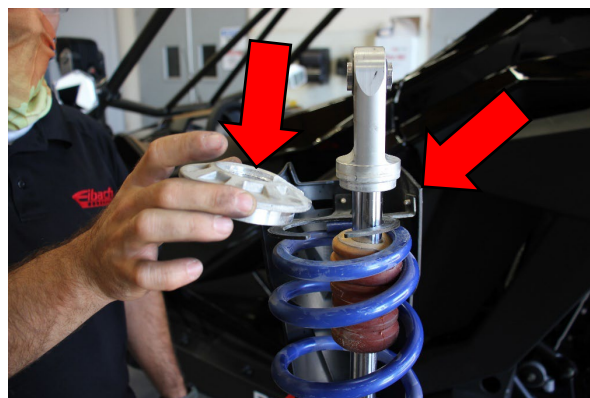
Step 19

Step 19. Loosen and remove the hardware that secures the coilover to the upper mount.



Step 20

Step 20. Remove the rear coilover.



Step 21

Step 21. Use a spring compressor to remove the spring retainer and rock guard.



Step 22

Step 22. Remove the main spring.



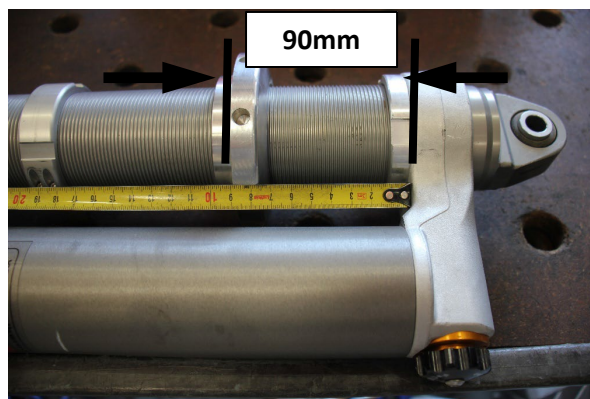
Step 23

Step 23. Remove the slider.



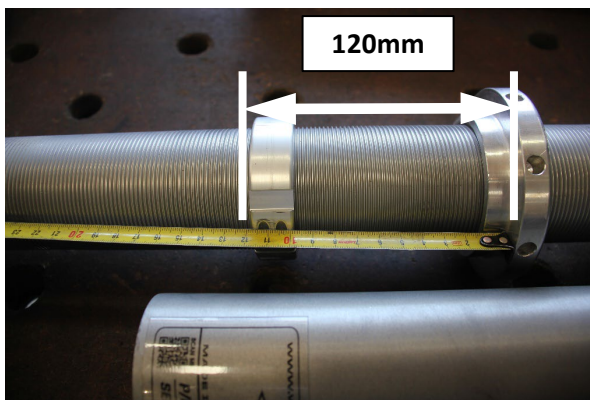
Step 24

Step 24. Remove the secondary spring.



Step 25

Step 25. Set the preload collar to **90mm** measuring from the housing to the spring flange



Step 26

Step 26. Install the provided 2 pc. crossover ring and adjust them to **120mm** measuring from the spring flange to the bottom of the crossover ring..

Step 27. Tighten the screws on the 2 pc. crossover rings.



Step 27



Step 28

Step 28. Install the Eibach secondary spring.



Step 29

Step 29. Install the provided slider.



Step 30

Step 30. Install the Eibach main spring.



Step 31

Step 31. Compress the spring assembly and install rock guard.



Step 32

Step 32. Install the OE retainer.



Step 33

Step 33. Install the coilover.



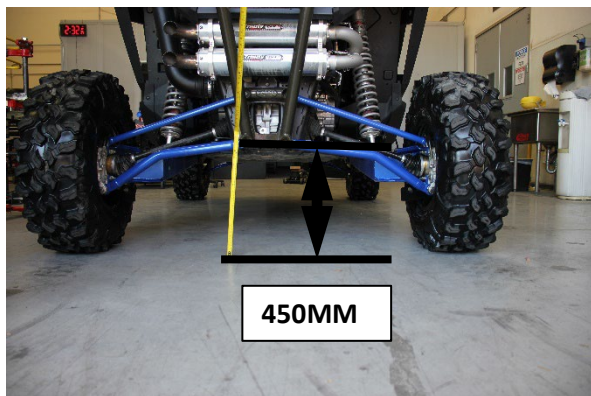
Step 34

Step 34. Secure the coilover to the control arm with the OE hardware.



Step 35

Step 35. Secure the coilover to the upper mount with the OE hardware.



Step 36

Step 36. The recommended preload measurement in **Step 25** will get the vehicle close to the recommended ride height but each vehicle may vary. We recommend setting the ride height at **450MM** measuring from the ground to the center of the lower control arm bolt. Shock eye to eye length should be about 900mm. Distribution of weight on vehicle may cause measurements to be different, pre load will need to be adjusted accordingly. **Note: Ride heights are measured with a 30in tire, if you have a larger tire size you may need to compensate.**

RECOMMENDED COMPRESSION ADJUSTER SETTINGS

Front: 7 Clicks (Clockwise) in from full open.

Rear: 5 Clicks (Clockwise) in 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 counterclockwise
