

# Installation Instructions

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## PRO UTV #E85-212-008-02-22

### Kit Contents

Description	Part Number	Quantity
Front Secondary Spring	0800.300.0300S	2
Front Main Spring	1600.300.0300S	2
Rear Secondary Spring	1600.300.0250S	2
Rear Main Spring	1800.300.0350S	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. Remove the hardware that secures the coilover to the upper mount.



Step 2

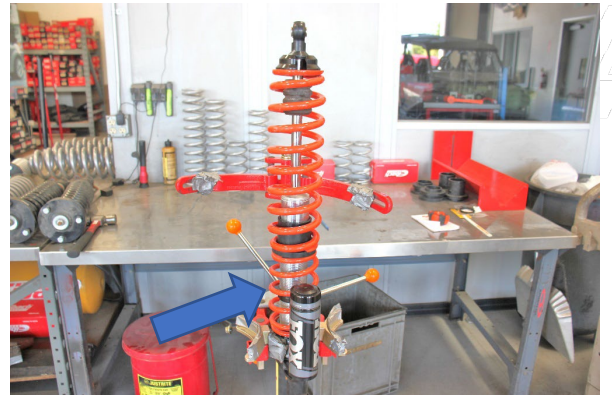
Step 2. Remove the hardware that secures the coilover to the lower mount.



Step 3

Step 3. Remove the coilover.

Step 4. Compress the coilover assembly.



Step 4



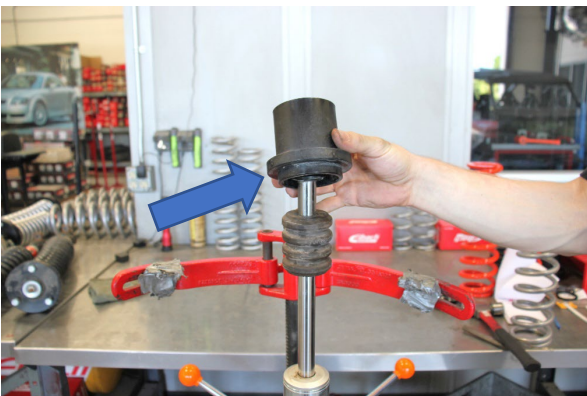
Step 5

Step 5. Remove the spring retainer.

Step 6. Remove the main spring.



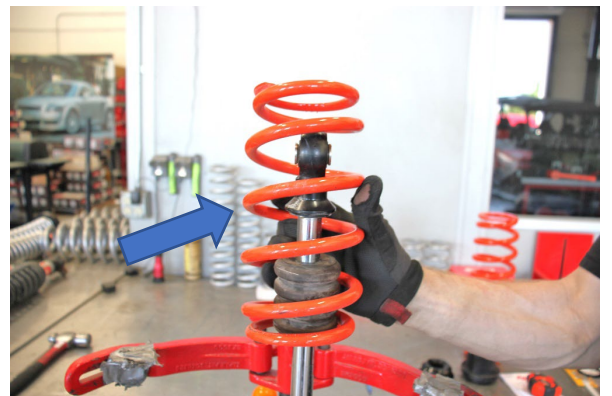
Step 6



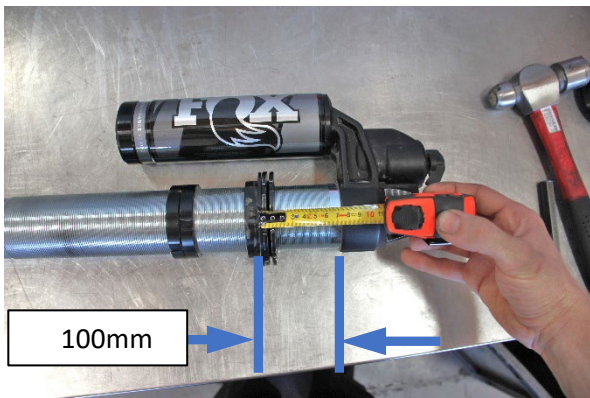
Step 7

Step 7. Remove the OE slider

Step 8. Remove the secondary spring

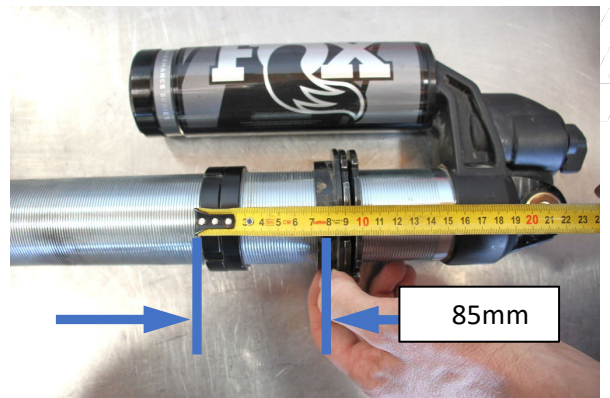


Step 8



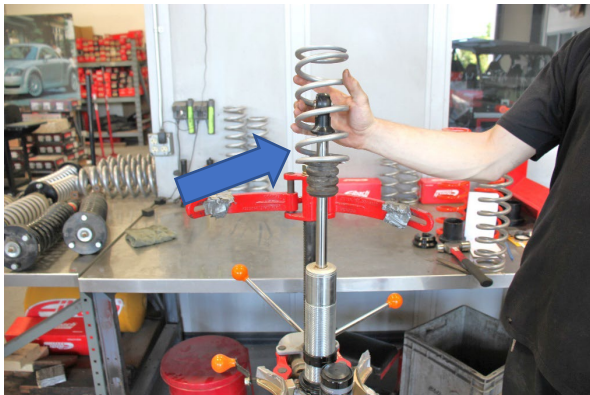
Step 9

Step 9. Adjust and set the preload collars to 100mm.



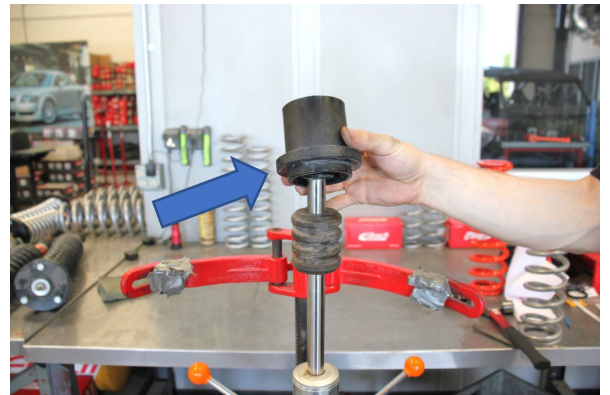
Step 10

Step 10. Adjust and set the crossover rings to 85mm



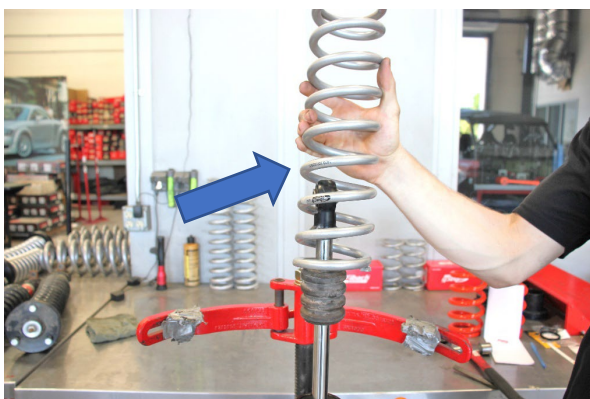
Step 11

Step 11. Install the Eibach secondary spring.



Step 12

Step 12. Install the OE slider.



Step 13

Step 13. Install the Eibach main spring.



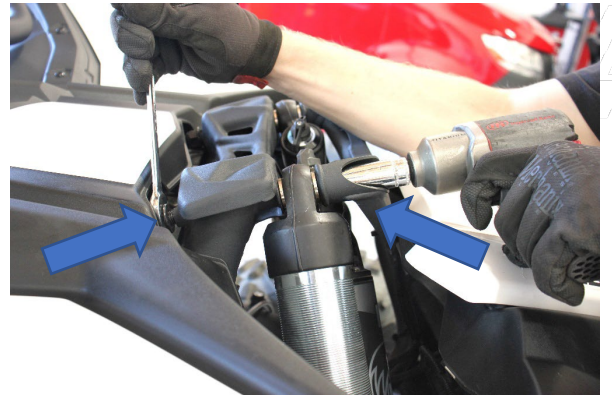
Step 14

Step 14. Compress the assembly and install the OE retainer.



Step 15

Step 15. Install the coilover into the vehicle



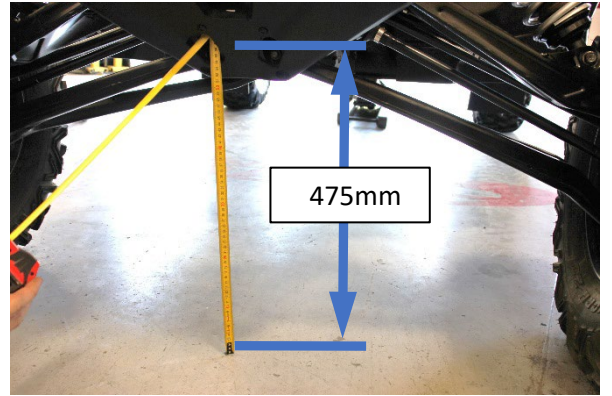
Step 16

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



Step 17

Step 17. Secure the coilover to the lower mount with the OE hardware



Step 18

Step 18. 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 at **475mm** measuring from the ground to the center of the lower control arm bolt. The shock eye to eye length should be about 730mm **Note: If you have larger than stock wheels and tires, the ride height will be increased.**



Step 19

Step 19. Remove the OE hardware that secures the coilover to the upper mount.



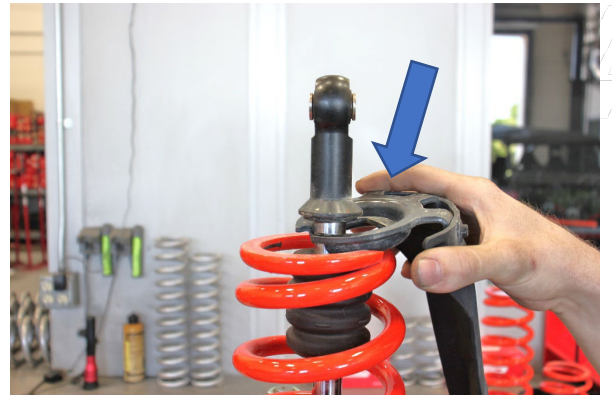
Step 20

Step 20. Remove the OE hardware that secures the coilover to the lower mount.



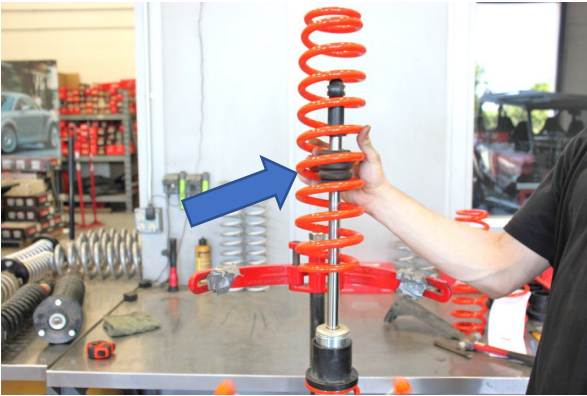
Step 21

Step 21. Remove the coilover from the vehicle.



Step 22

Step 22. Compress the coilover assembly and remove the OE retainer/dust shield.



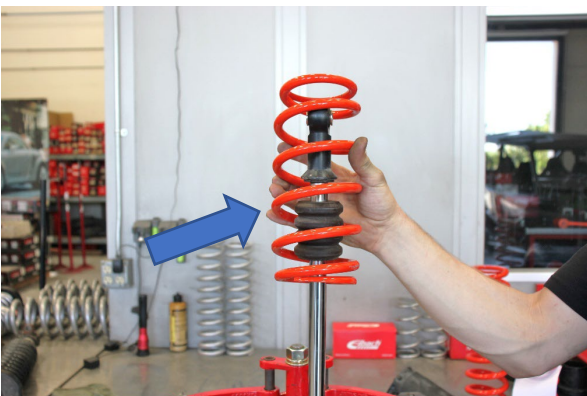
Step 23

Step 23. Remove the main spring.



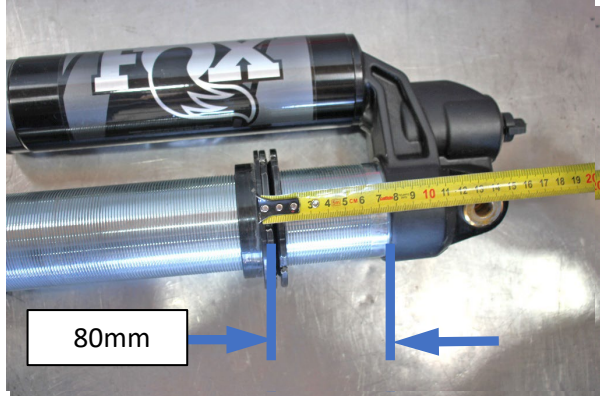
Step 24

Step 24. Remove the OE slider.



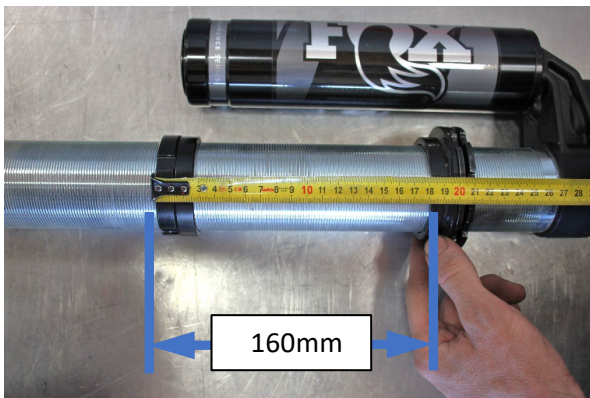
Step 25

Step 25. Remove the secondary spring



Step 26

Step 26. Adjust and set the preload collars to 80mm



Step 27

Step 27. Adjust and set the crossover rings to 160mm.



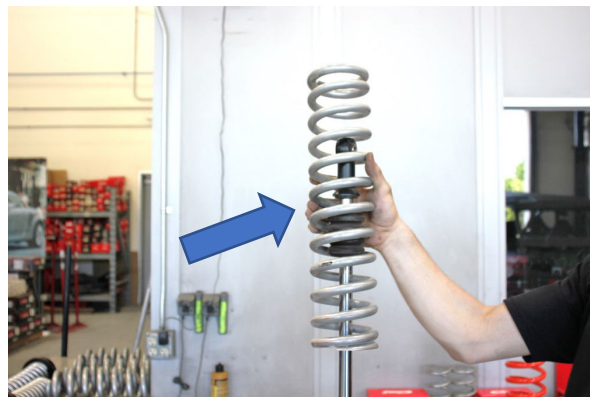
Step 28

Step 28. Install the secondary spring.



Step 29

Step 29. Install the OE slider.



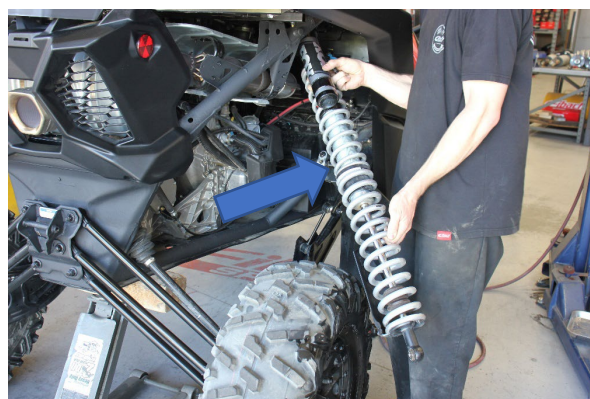
Step 30

Step 30. Install the main spring



Step 31

Step 31. Compress the spring assembly and install the retainer/dust shield.



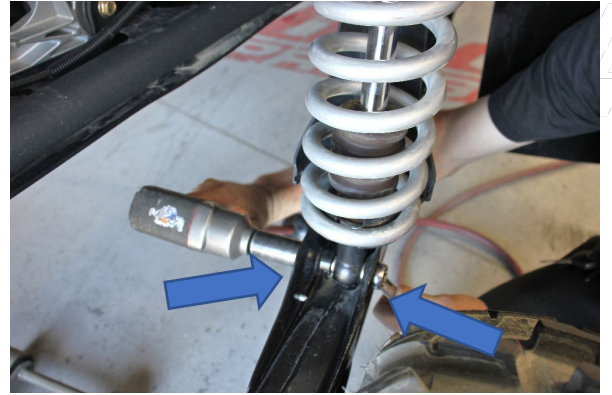
Step 32

Step 32. Reinstall the coilover.



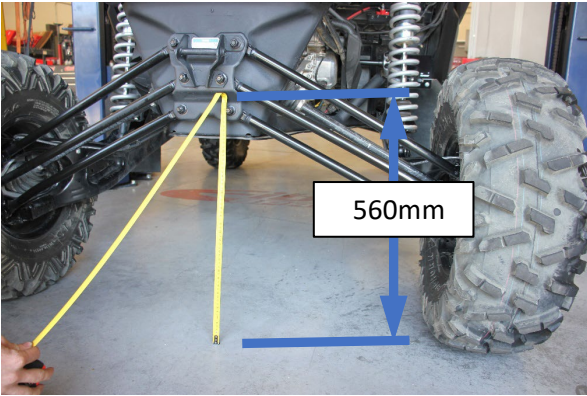
Step 33

Step 33. Secure the coilover to the upper mount with the OE hardware.



Step 34

Step 34. Secure the coilover to the lower mount with the OD hardware.



Step 35

Step 35. The recommended preload measurement in **Step 26** will get the vehicle close to the recommended ride height but each vehicle may vary. We recommend setting the ride height at **560mm** measuring from the ground to the center of the lower control arm bolt. The shock eye to eye length should be about 980mm **Note: If you have larger than stock wheels and tires, the ride height will be increased.**

Step 36. Recommended front and rear shock settings.

Front Compression – “1”  
(Full Open)  
  
Rear Compression – “2”  
(Mid Setting)

Step 36