

Installation Instructions

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E85-209-033-03-22

2023+ Polaris RZR Pro XP 4 Sport/Premium

Notes

For vehicles equipped with Fox Position Sensitive Spiral Technology w/ QS3 Shocks only.

Kit Contents

Description	Part Number	Quantity
Front Tender Spring	1000.300.0400S	2
Front Main Spring	1200.300.0400S	2
Rear Tender Spring	1400.300.0250S	2
Rear Main Spring	1600.300.0350S	2
Front Slider	8001100-M	2
Rear Slider	8001064	2

Installation 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 by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and Piston rod nuts.
- All Eibach springs should be installed with the Eibach logo right-side-up.
- After Installation, inspect and adjust the following: Wheel Alignment; tire/wheel fender clearance when using aftermarket wheels or tires; brake line clearance and attachments; anti-lock-brake system sensors.

FRONT INSTALLATION



Begin by jacking up and safely supporting the front of the vehicle.



Loosen and remove the upper and lower shock bolts.



Remove the front shock.



Compress the springs and remove the lower spring perch.



Remove the OE main spring.

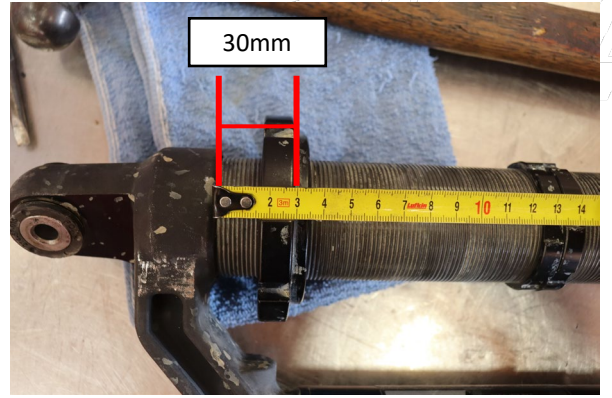


Remove the OE slider.

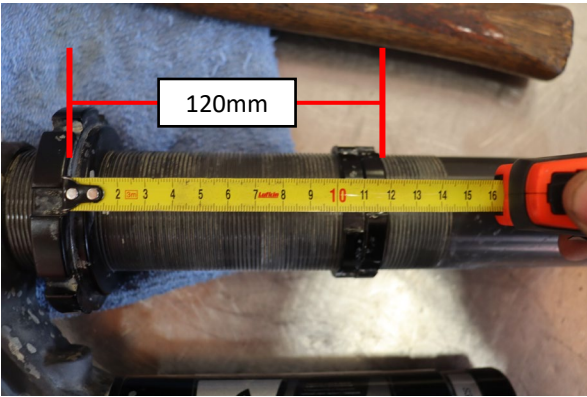
FRONT INSTALLATION



Remove the OE tender spring.



Set the Preload collar to 30mm from the resi crossover bridge to the spring seat surface.



Set the crossover ring to 120mm from the spring seat surface on the preload collar to the bottom of the crossover rings



Install the Eibach tender spring.



Install the Eibach front slider.



Install the Eibach main spring.

FRONT INSTALLATION



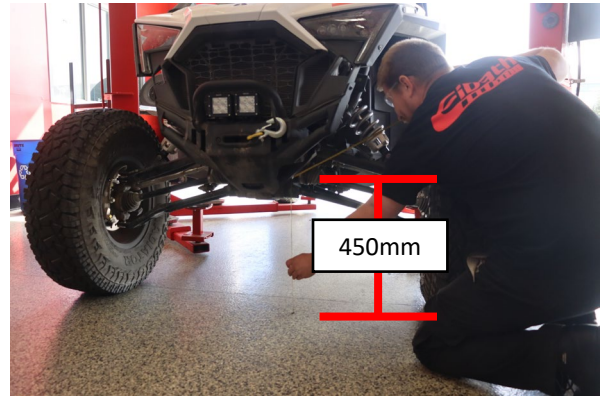
Reinstall the OE spring seat.



Reinstall the assembled coilover.



We recommend setting the clicker to position 2 to start.

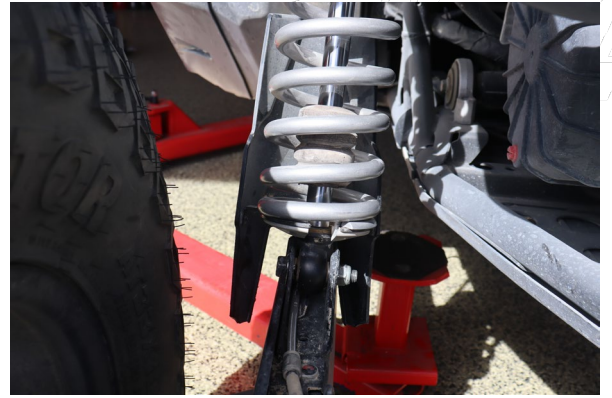


With the vehicle back on the ground the ride height should measure about 450mm from the ground to the lower control arm bolt using a stock 30" tire. Using any tire other than stock will change this measurement and should be accounted for. The exposed shaft should measure about 150mm.

REAR INSTALLATION



Begin back jacking up the rear of the vehicle.



Loosen and remove the lower shock bolt.



Loosen and remove the upper shock bolt.



Remove the rear Shock.



Compress the springs and remove the lower spring perch. Note the orientation of the dust shield relative to the reservoir.



Remove the OE main spring.

REAR INSTALLATION



Remove the OE slider.



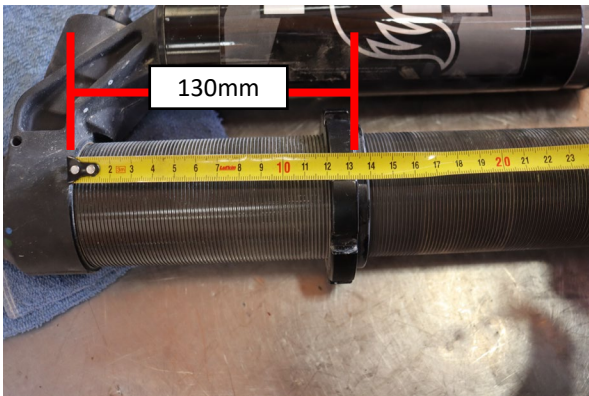
Remove the OE tender spring.



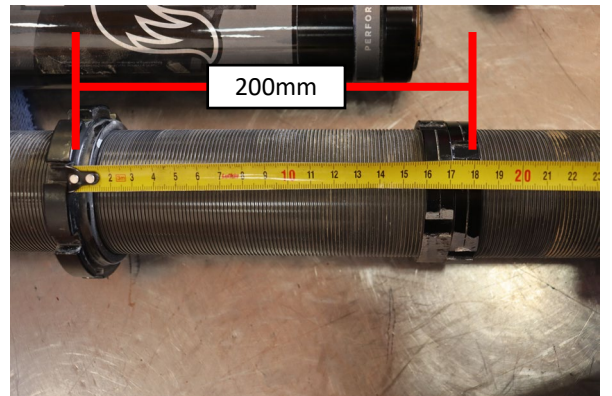
Remove the OE 2-piece secondary slider.



Remove the OE helper spring.



Set the preload collar to 120mm from the resi crossover bridge to the spring seat surface on the preload collar.



Set the crossover rings to 200mm from the spring seat surface on the preload collar to the bottom of the crossover rings.

REAR INSTALLATION



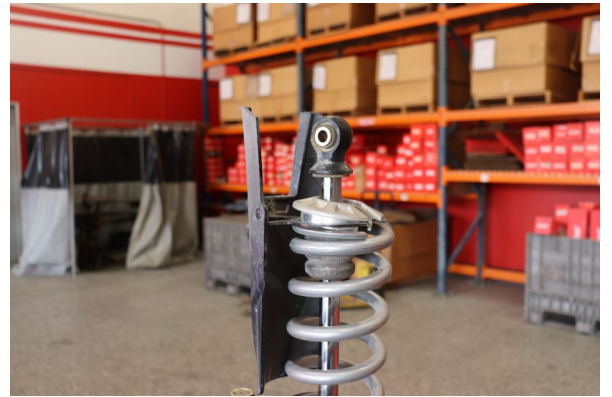
Install the Eibach tender spring.



Install the Eibach slider.



Install the Eibach main spring.



Compress the springs and install the OE lower spring perch. The dust shield will face the front of the vehicle, opposite the reservoir.

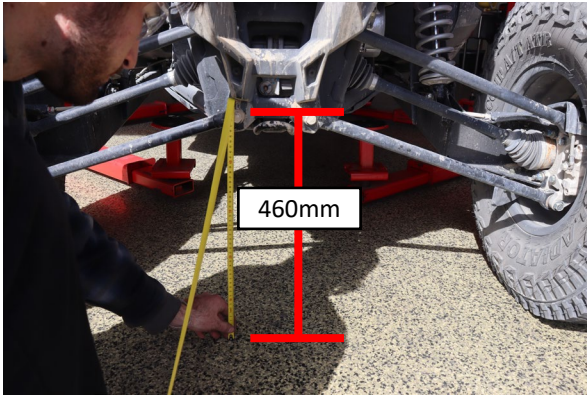


Reinstall the assembled coilover.



We recommend setting the clicker to position 2.

REAR INSTALLATION



With the vehicle back on the ground the ride should measure approximately 460mm from the ground to the lower radius rod bolt using a stock 30" tire and no extra weight on the vehicle. Using any tire other than stock will change this measurement and should be accounted for. The exposed shaft should measure about 235mm.
