

# Installation Instructions

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## E85-209-032-02-22

2022+ Polaris RZR Pro R 4 Ultimate

### Notes

All measurements are taken using a stock 32" tire. Changes in tire size or weight on vehicle will change ride height and should be accounted for.

### Kit Contents

Description	Part Number	Quantity
Front Tender Spring	1000.375.0300S	2
Front Main Spring	1200.375.0300S	2
Rear Tender Spring	1200.375.0200S	2
Rear Main Spring	1800.375.0350S	2

### Installation Notes

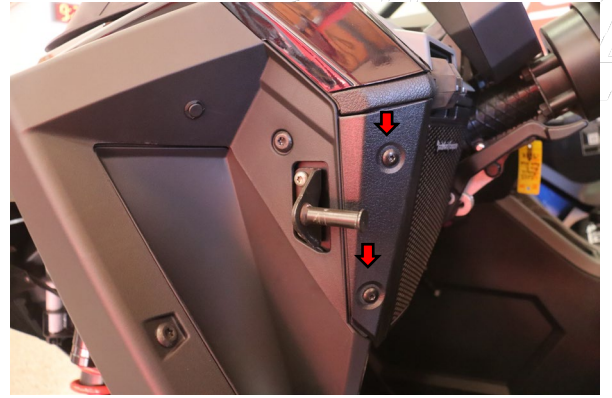
#### Read all instructions before beginning installation

- 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.

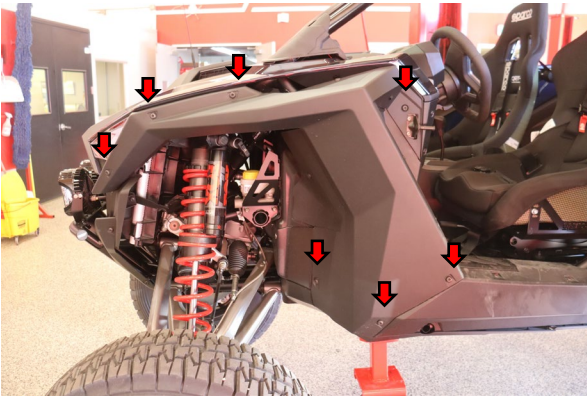
# FRONT INSTALLATION



Begin by jacking up the front of the vehicle.



Remove the torx screws for the speaker grill



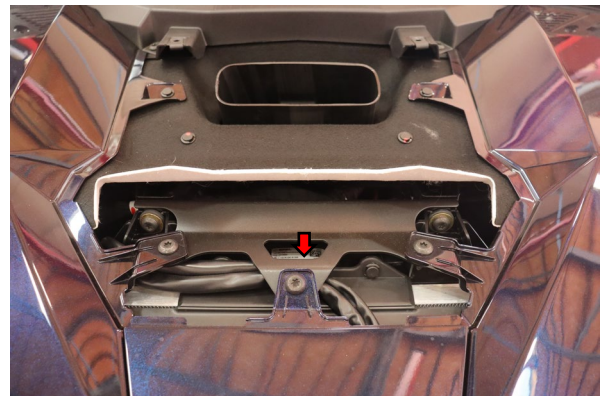
Remove all of the torx screws and clips on the fender.



Remove the fender.



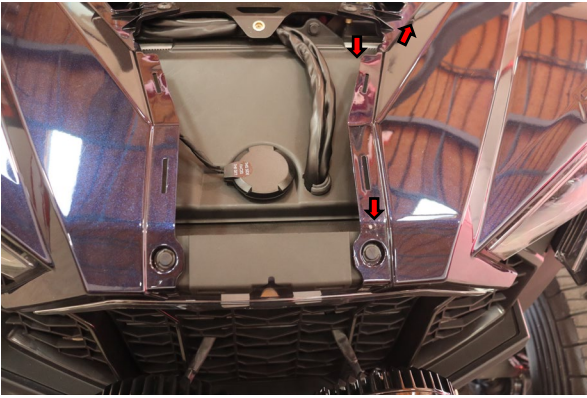
Remove the torx screws with securing the upper hood scoop



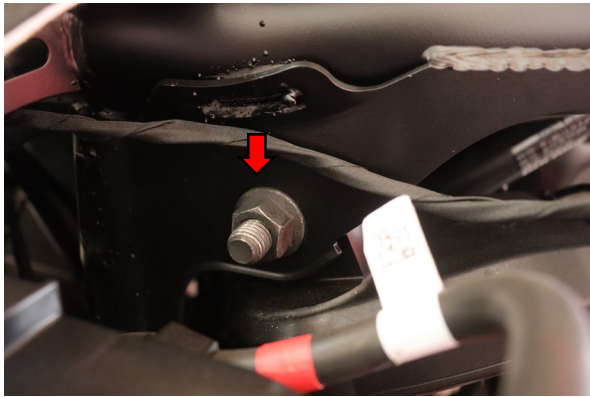
Remove the torx screw securing the front hood fascia. Push it toward the front of the car to release. For vehicles equipped with front camera unplug the harness.



## FRONT INSTALLATION



Remove the torx screws and clips securing the side hood fascia. On the passenger side the antenna will need to be removed as well.



With everything removed and the car jacked up with the front wheels off the ground. Remove the upper and lower shock bolts and disconnect the electrical connectors for the Live Valve.



Pull the shock up through the top. It may help to twist the shock body first to align the reservoir with the opening.

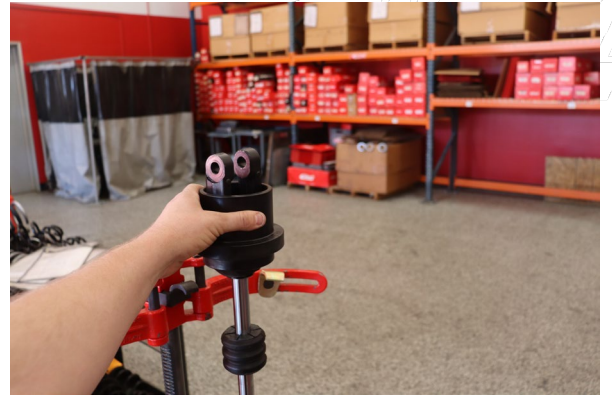


Compress the springs and remove the lower spring perch.

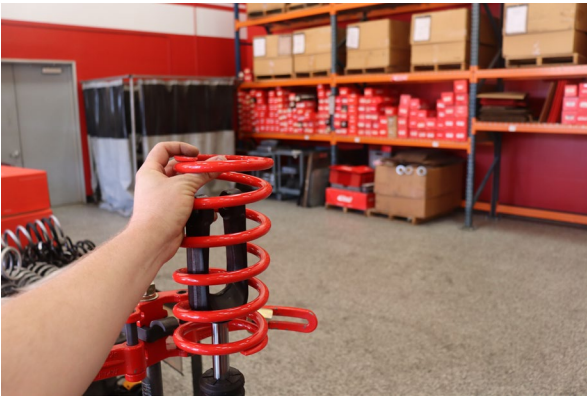
# FRONT INSTALLATION



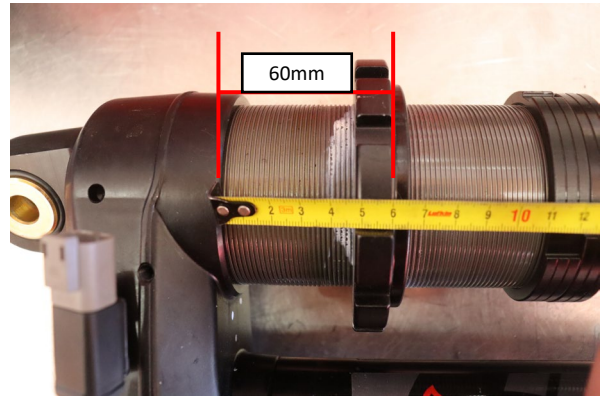
Remove the OE main spring.



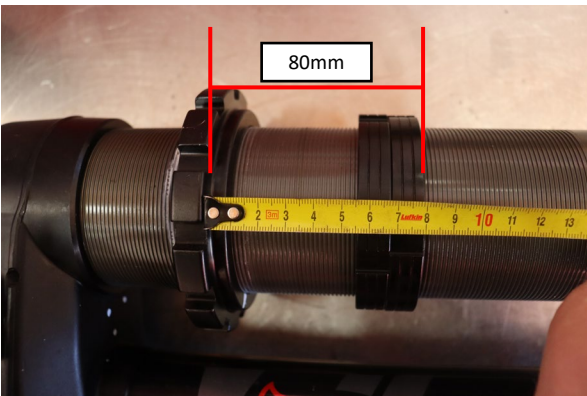
Remove the oe slider.



Remove the OE front tender spring.



Set the preload collar to 60mm from the bottom of the Resi crossover to the bottom of the preload collar



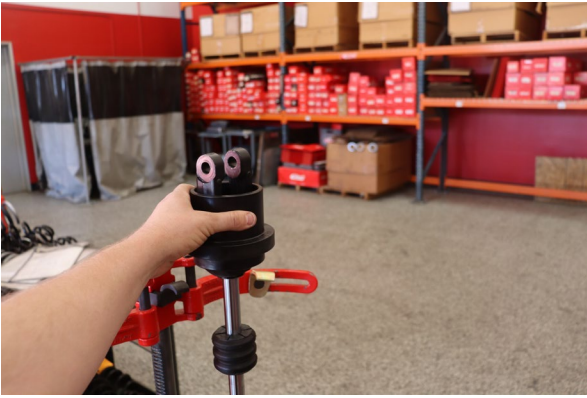
Set the crossover ring to 80mm from the spring seat to the bottom of the crossover ring.



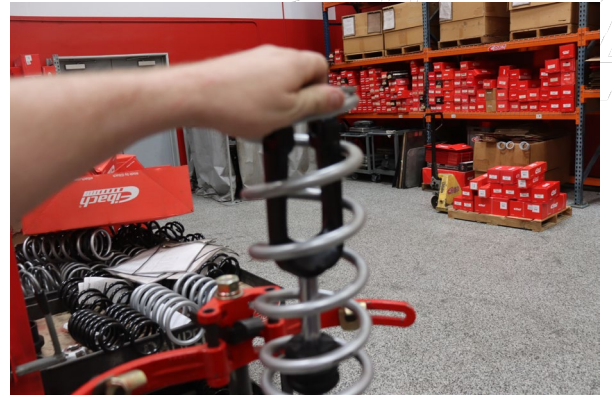
Install the Eibach Front Tender.



# FRONT INSTALLATION



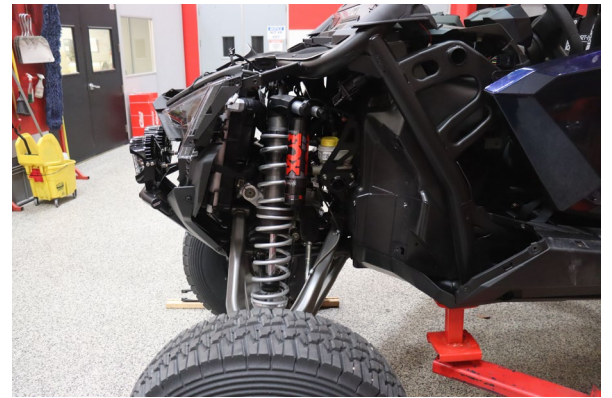
Install the OE fox slider.



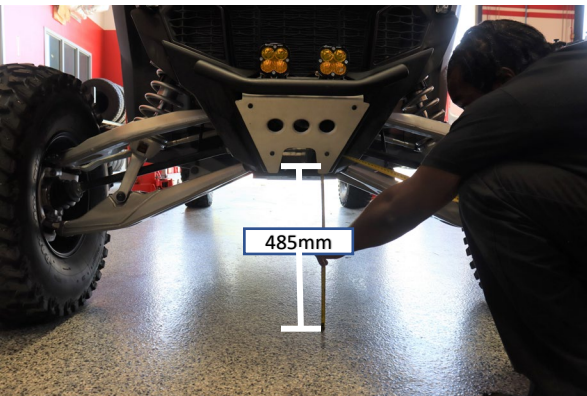
Install the Eibach main spring.



Install the OE spring perch and ensure the boss on the clevis is aligned with the opening on the perch.



Repeat on the opposite side and reinstall everything the reverse order of removal.

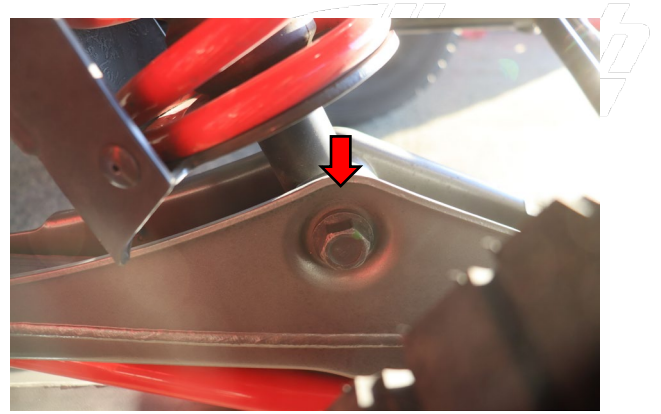


The front height should measure about 485mm from the ground to the lower control arm bolt. With a stock 32" tire. Changing tire size or extra weight will affect this measurement.

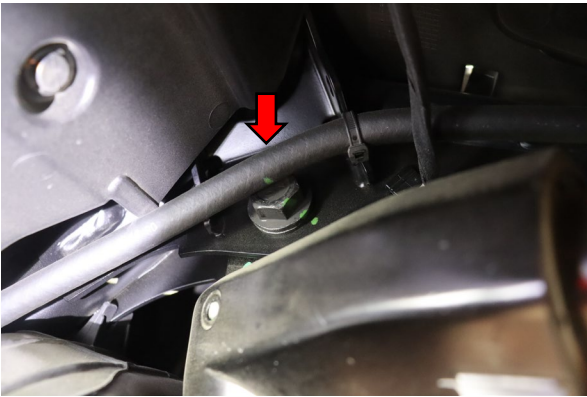
## REAR INSTALLATION



Jack up the rear of the car so the wheels are off the ground. Loosen and remove the upper shock bolt.



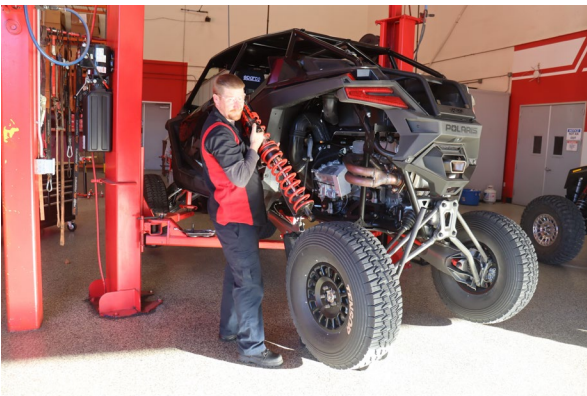
Loosen and remove the lower shock bolt.



Remove the upper shock bolt.



Disconnect the both electrical connectors for the Live Valve.



Remove the rear shock.



Compress the springs and remove the OE spring seat.



# REAR INSTALLATION



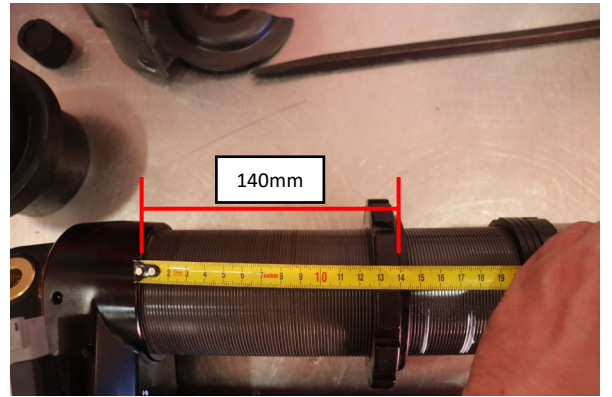
Remove the OE rear main spring.



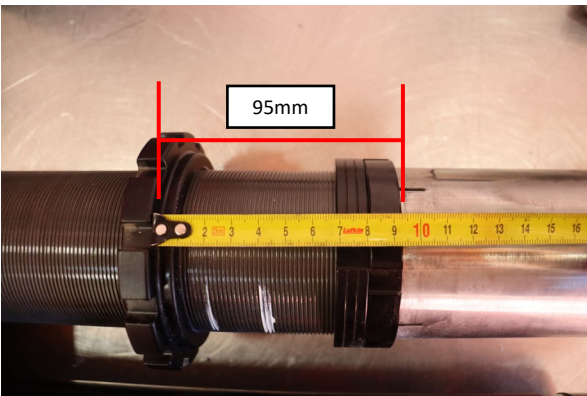
Remove the OE slider.



Remove the OE rear tender spring.



Set the preload collar to 140mm from the resi crossover bridge to the spring seat on the preload collar.



Set the crossover ring to 95mm from the spring seat on the preload collar to the bottom of the cross over rings.

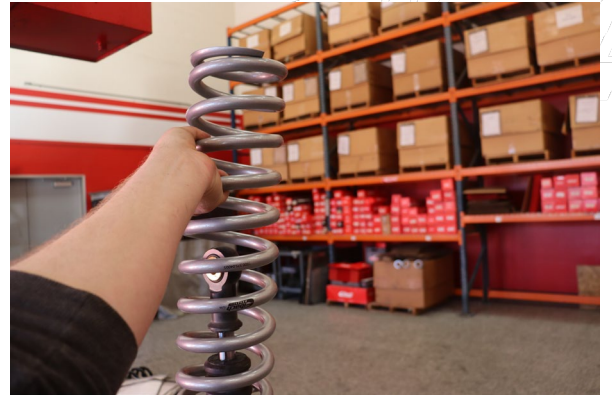


Install the Eibach tender spring.

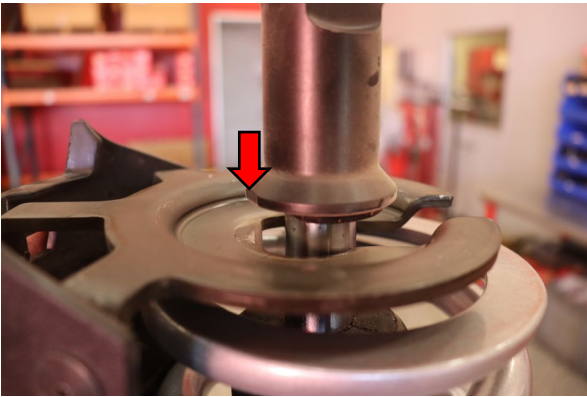
## REAR INSTALLATION



Reinstall the OE slider.



Install the Eibach main spring.



Install the OE lower spring perch and be sure to align the boss on the rod end.



Reinstall the shock. Reconnect the electrical connectors and top and bottom bolts and repeat on the opposite side.



With the vehicle back on the ground, drive the car to settle the suspension and measure the height from the ground to the lower radius rod bolt. This should measure approximately 485mm with a stock 32" tire. Changing tire size or adding weight will affect this measurement.