

Installation Instructions

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E85-209-029-03-22

2022+ Polaris RZR Turbo R 4 Sport

Notes

All measurements are taken using a stock 32" tire with no extra weight on the vehicle. 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	1200.375.0350S	2
Rear Tender Spring	1200.375.0200S	2
Rear Main Spring	1600.375.0300S	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.

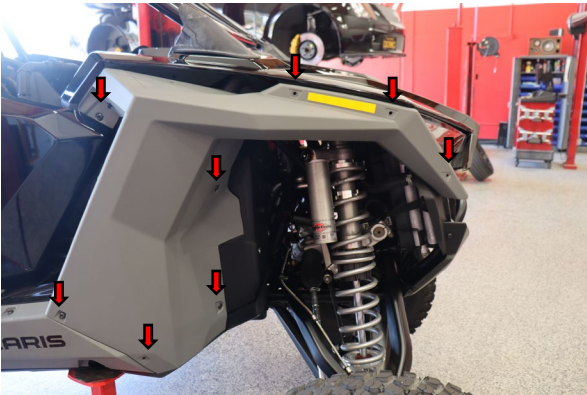
FRONT INSTALLATION



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.

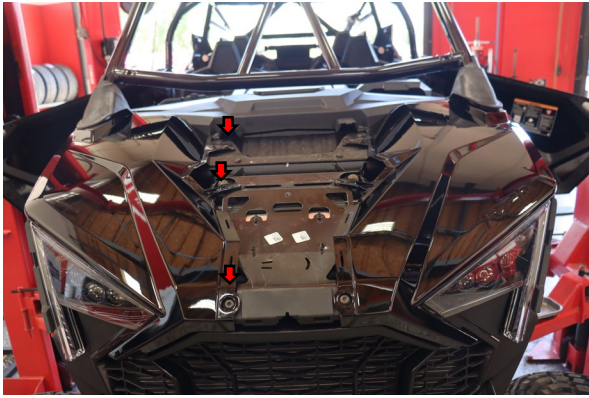


Remove the torx screws with securing the upper hood scoop

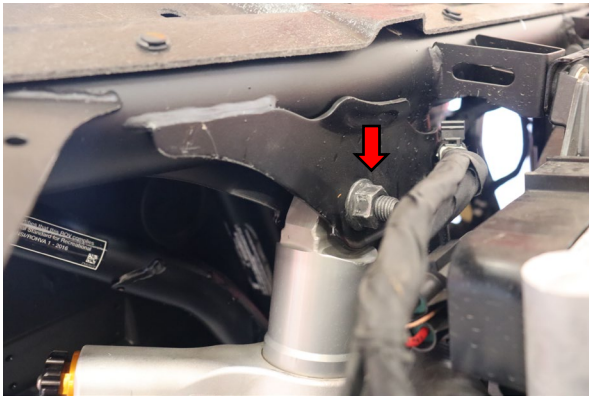


Remove the torx screw securing the front hood fascia. Push it toward the front of the car to release. For vehicles equipped with front camera unplug the harness.

FRONT INSTALLATION



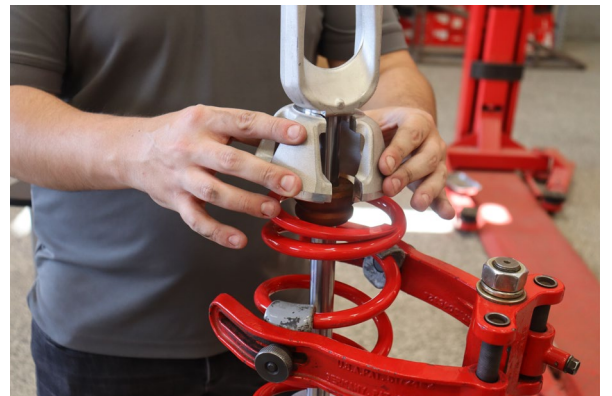
Remove the torx screws and clips securing the side hood fascia.



With everything removed and the car jacked up with the front wheels off the ground. Remove the upper and lower shock bolts.



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



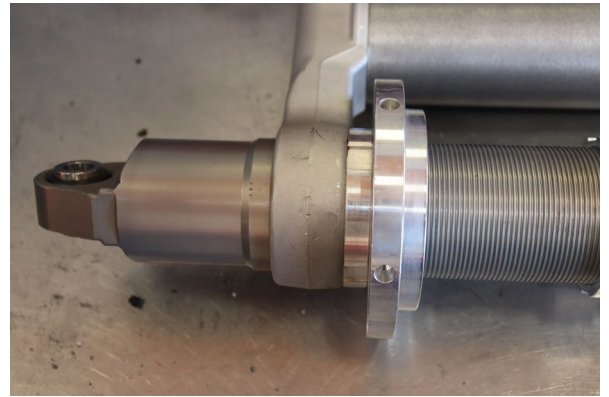
Remove the OE main spring.



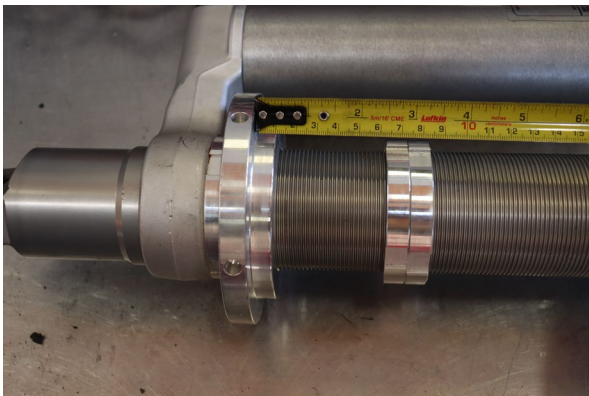
Remove the stock slider.



Remove the OE front tender spring.



Set the preload collar to full high on the shock.



Set the crossover ring to 85mm front the spring seat to the bottom of the crossover ring.



Install the Eibach Front Tender.

FRONT INSTALLATION



Install the OE 2-piece slider.



Install the Eibach main spring and the OE lower spring perch. Make sure the perch is lined up with the boss on the clevis.



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



The front height should measure about 540mm from the ground to the lower control arm bolt. The shock eye to eye length should be about 805mm.



Set the adjuster to the full open (soft) position.

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 shock.

Compress the springs and remove the lower spring perch with the guard attached.



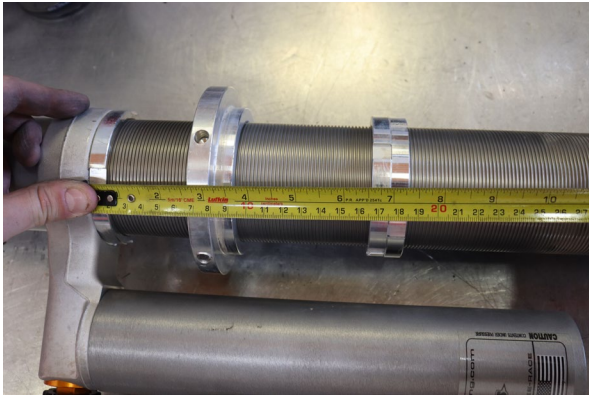
Remove the OE rear main spring.



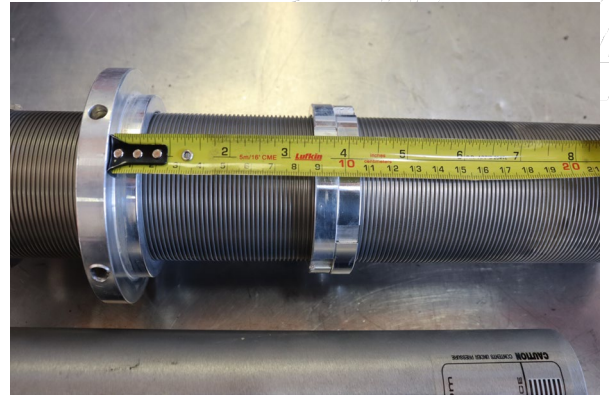
Remove the OE slider.



REAR INSTALLATION



Set rear Preload collar to 80mm from the spring seat to the bottom of the reservoir bridge.



Set the crossover ring to 105mm from the spring seat to the bottom of the crossover ring.



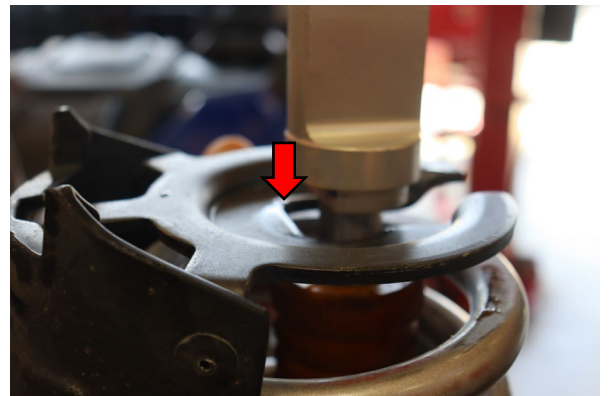
Install the Eibach rear tender spring.



Install the OE slider.



Install the Eibach rear main spring and compress the springs.



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

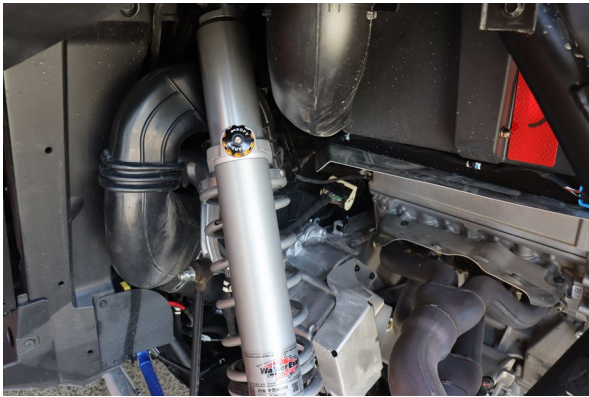
REAR INSTALLATION



Reinstall the shock and repeat on the other side.



The rear ride height should be about 560mm with no extra weight on the vehicle. The rear eye to eye shock length should be about 895mm.



Set the rear adjuster to the full open (soft) position.