

Installation Instructions

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E85-209-027-02-22

2022+ Polaris RZR Pro R, 2 Seat

Notes

Primary testing is done in "Comfort" mode and full use of all modes is verified.

Ride heights based off OE 32" tire

Kit Contents

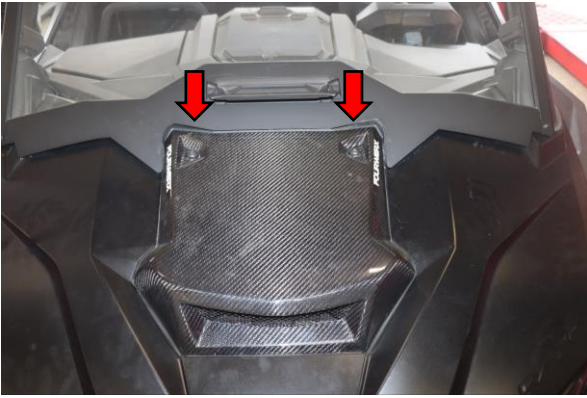
Description	Part Number	Quantity
Front Secondary Spring	1000.375.0250S	2
Front Main Spring	1200.375.0250S	2
Rear Secondary Spring	1200.375.0150S	2
Rear Main Spring	1800.375.0250S	2

Installation Notes

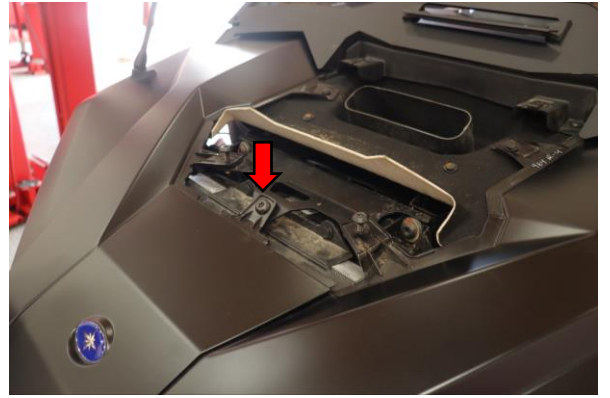
Read all instructions before beginning installation

- 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



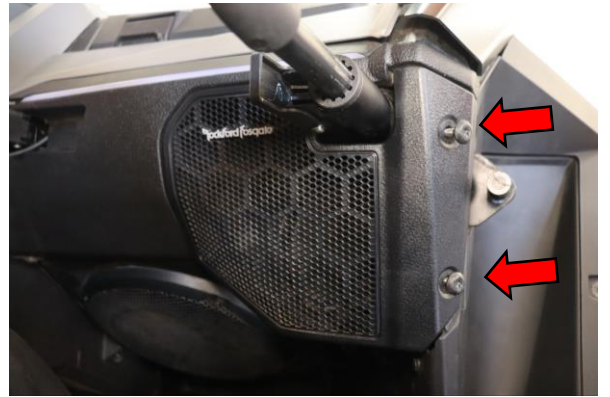
Remove top Cowl by removing the 2 bolts and lifting from the top.



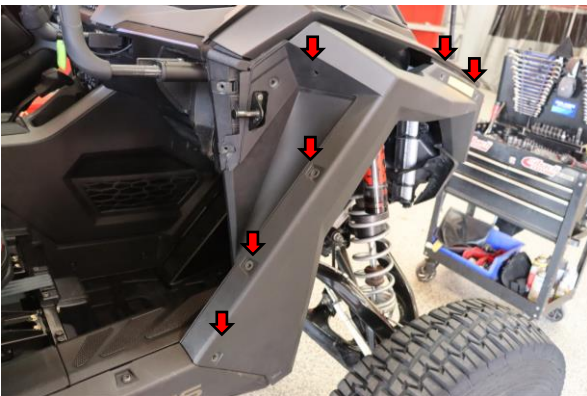
Remove bolt and remove center portion of hood.



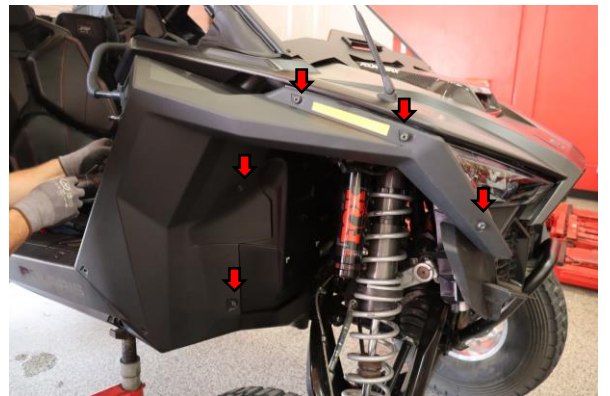
The front camera is attached to this assembly. Unplug and set aside.



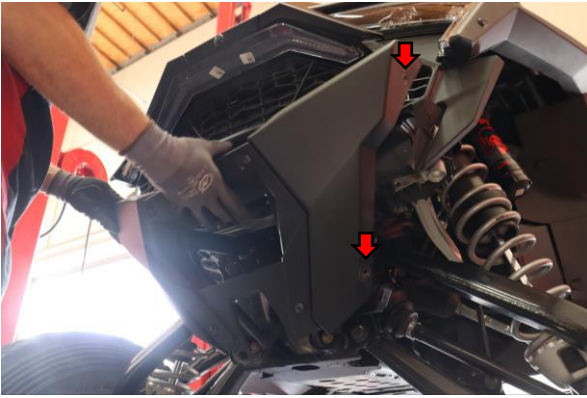
Remove speaker grill.



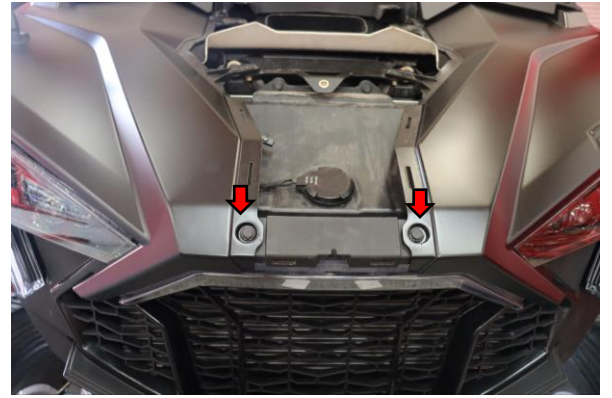
Remove bolts and clips from fenders. Pull fenders off and set aside.



FRONT INSTALLATION



Remove lower grill assembly. There is 2 bolts on each side



Undo the clips at the top and bolts on the sides.



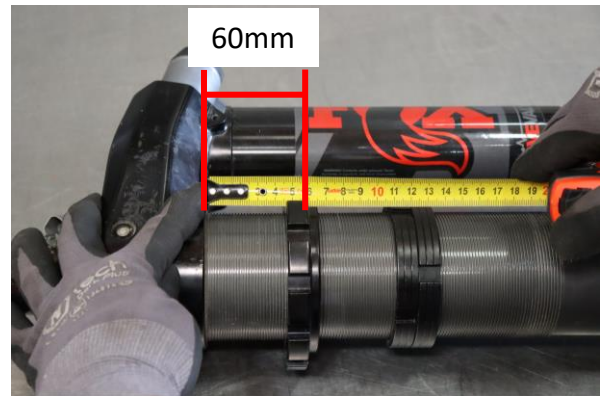
Remove the remaining side bolts holding the upper grill assembly and pull out the grill assembly with lights. You will need to gently pull up the remaining hood components and unplug the lights before pulling the entire assembly out.



Unplug both connectors from shocks from shocks and push out of the way as to not pull any wires while removing the shocks.

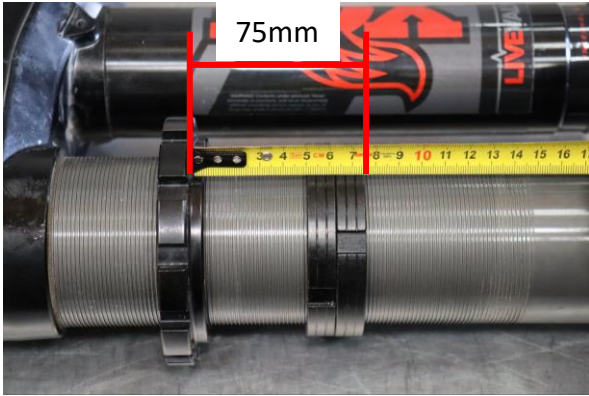


Remove the upper and lower shock bolts and remove the front shock assembly. When removing the shock it may help the leave the bottom mount at the lower control arm and rotate the resi housing to clear the frame. The shock body will come out towards the front of the car where the headlights normally sit.



Remove the OE springs and set the preload collar to **60mm (2 3/8in.)**

FRONT INSTALLATION



Set the OE crossover ring to **75mm (2 15/16in.)**



Install the Eibach secondary spring.



Install OE slider.



Install Eibach main spring



Make sure the OE spring retainer is fully seated with the notch matching the lower clevis.

Reinstall everything in reverse order of removal.



Measure from the ground to the center of the lower control arm bolt. The recommended preload measurement above should get close to the recommend ride height of about **485mm (19 1/16in.)**

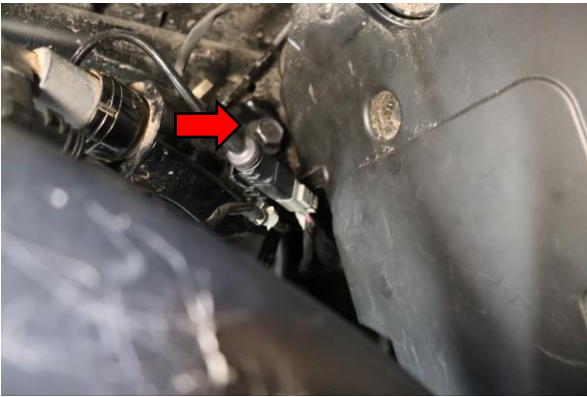
REAR INSTALLATION



Unplug both connectors on each of the rear shocks.



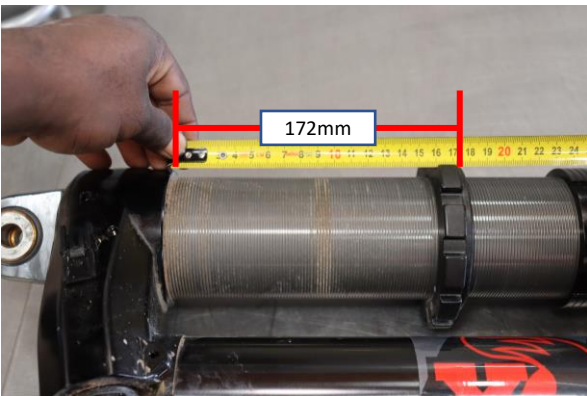
Remove the lower shock bolt with a 21mm socket.



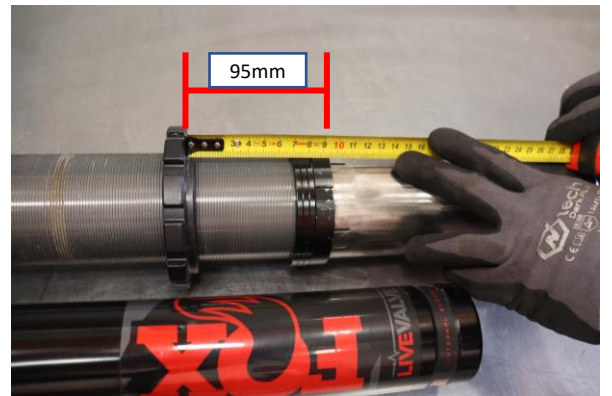
Remove the upper shock bolt with a 21mm socket.



Remove the shock assembly and remove the stock springs.



Set the preload collar to **172mm (6 3/4in.)** from the bottom of the resi bridge to the bottom of the preload collar.



Set the crossover ring to **95mm (3 3/4in.)**. From the bottom of the spring collar to the bottom of the crossover ring.

REAR INSTALLATION



Install Eibach secondary spring



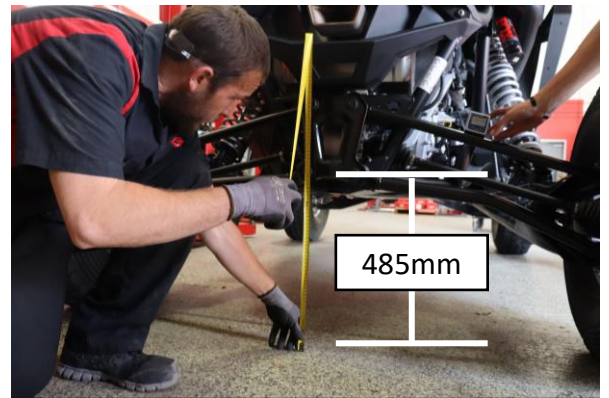
Install OE slider and Eibach main Spring



Make sure the OE spring retainer is fully seated with the notch on the bottom mount.

Reinstall in reverse order of removal.

After installation, the shocks will hold the vehicle up. Start the vehicle and drive it to let the shocks settle.



Measure from the ground to the center of the lower radius arm bolt. The recommended preload measurement above should get close to the recommend ride height of about **485mm (19 1/16in.)**

Shock eye to eye lengths should measure about **895mm (35 1/4in.)**

Note: Ride heights from the ground may vary depending on tire pressure and tire size. Skid plate height should be approximately 16" measured from a flat portion front and rear. Preload may need to be adjusted due to vehicle tolerances and weight distribution of accessories.