Installation Instructions

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E85-209-031-02-22

2022+ Polaris RZR Turbo R Sport/Premium

Notes

For vehicles equipped with Walker Evans shocks Only!

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	1000.375.0200S	2
Front Main Spring	1200.375.0250S	2
Rear Tender Spring	1000.375.0200S	2
Rear Main Spring	1600.375.0250S	2

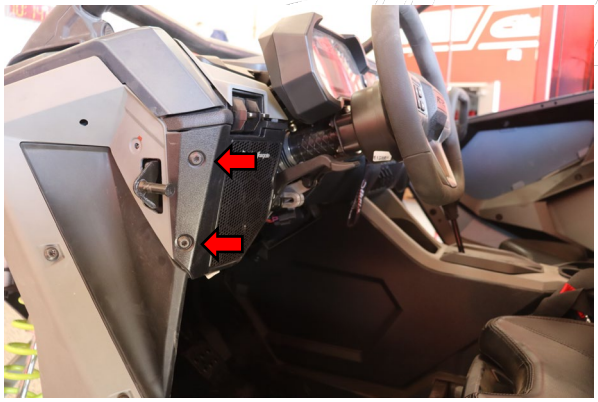
Installation Notes

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.

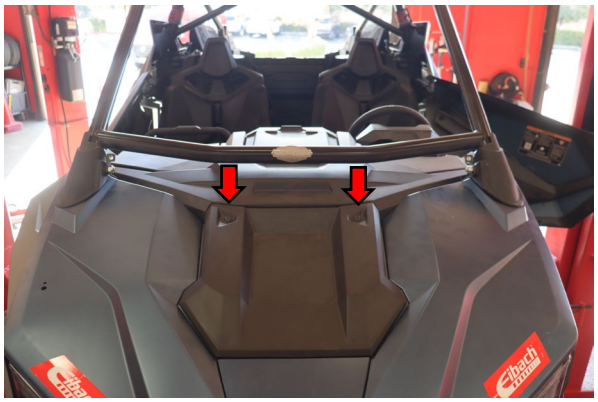
FRONT INSTALLATION

Begin by lifting the front of the vehicle.

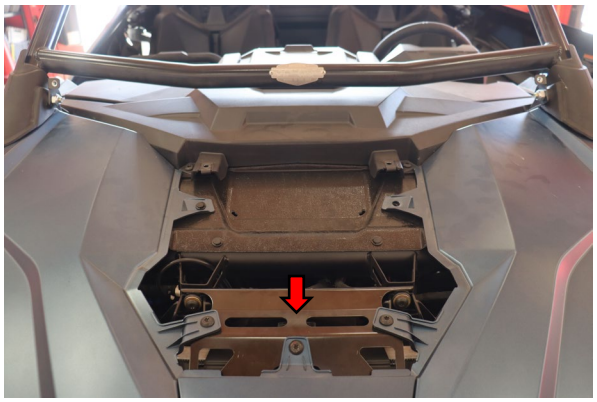


Remove the bolts from the speaker panel.

Remove the T40 torx bolts and clips on the fender and remove the fender.

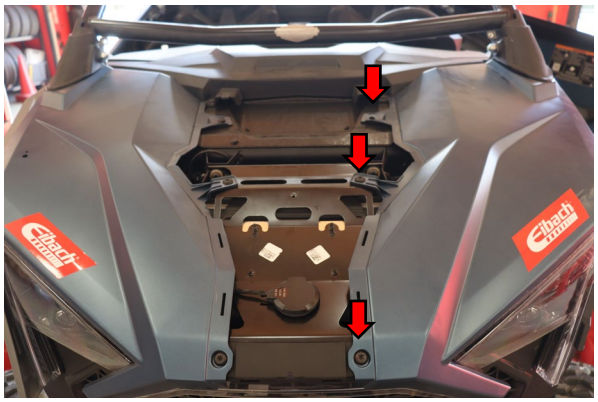


Remove the torx bolts on the upper hood fascia.



Remove the torx bolt securing the front hood fascia.

If vehicle is equipped with a front camera be sure to disconnect cable before fully removing fascia.



Remove torx bolts and clips securing the side hood fascia.

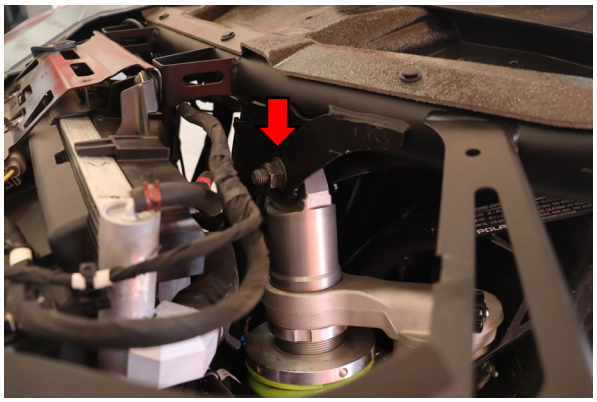
FRONT INSTALLATION

Remove the torx bolt on the side of the hood.

The antenna will need to be removed by removing the hex bolt underneath the hood.

Once everything is removed you can access the shock bolts.

Loosen and remove the lower shock bolt with a 21mm wrench.



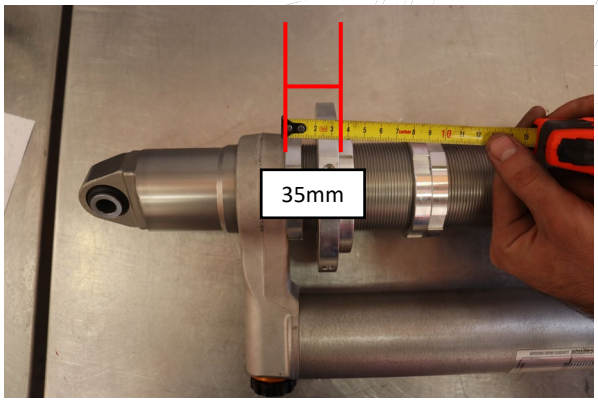
Loosen and remove the upper shock bolt with a 21mm wrench.

You can now remove the front shock by pulling it through the top.

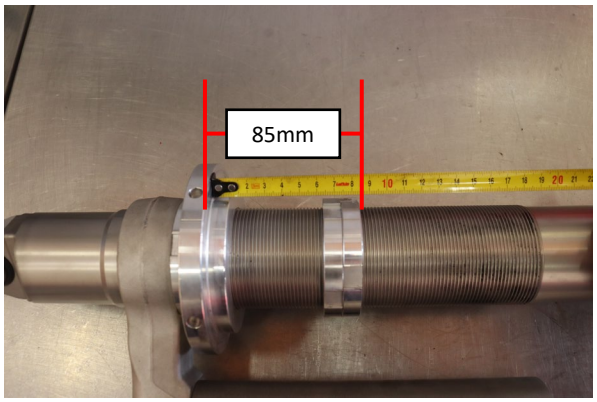
It may help to twist the shock body first with the bottom mount still in place to align the reservoir with the opening.

FRONT INSTALLATION

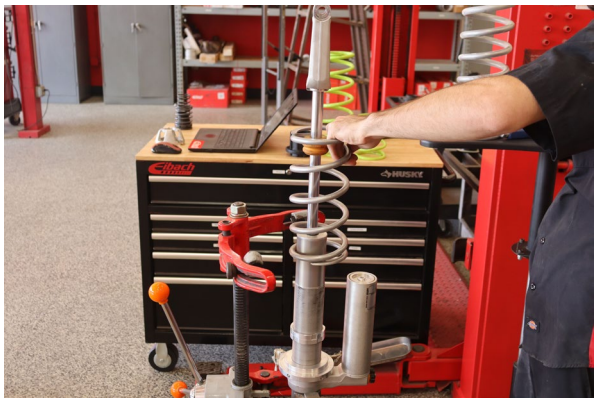
Compress the springs and remove the lower spring perch, OE springs, and slider.



Set the preload collar to 35mm from the bottom of the reservoir to the spring seat on the preload collar.



Set the crossover ring to 85mm from the spring seat on the preload collar to the bottom of the crossover ring.



Install the Eibach tender spring.

Install the OE 2-piece slider.

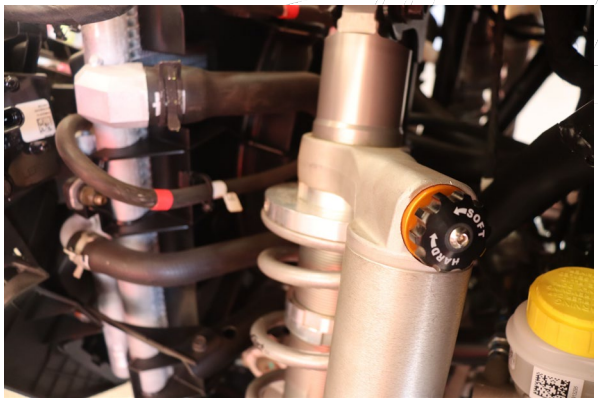
Install the Eibach main spring.

FRONT INSTALLATION

Install the OE lower spring perch. Make sure the perch is lined up with the boss on the clevis as shown.

Reinstall everything in reverse order of removal and torque bolts to factory spec.

Repeat on the opposite side

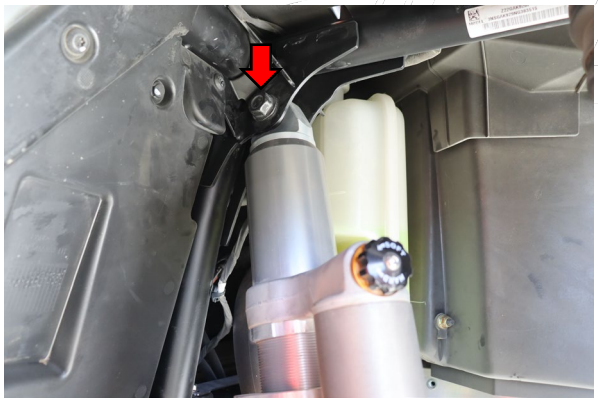


We recommend setting the compression adjuster to 3 clicks from full open.

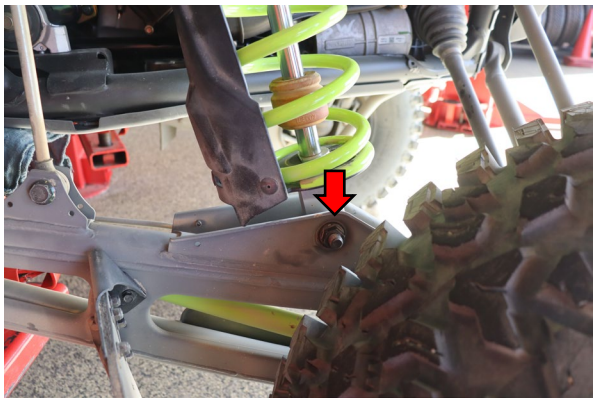
The front ride height should be about 485mm front the ground to the lower control arm bolt.

REAR INSTALLATION

Jack up the rear of the vehicle.



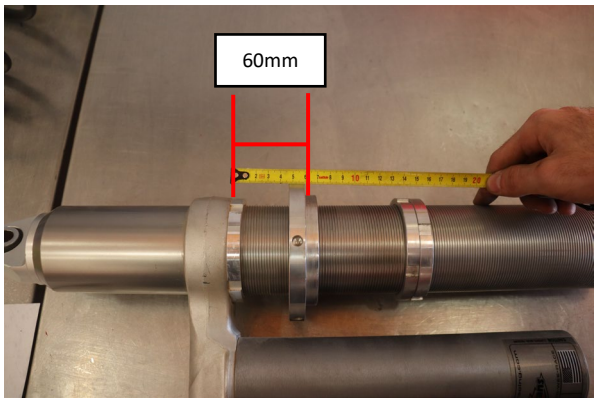
Remove the upper shock bolt with a 21mm wrench.



Remove the lower shock bolt with a 21mm wrench and remove the shock assembly.

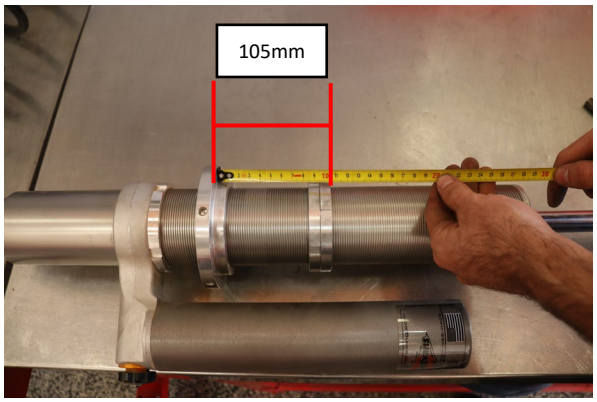
Compress the springs and remove the lower spring perch.

Remove the OE springs and slider.

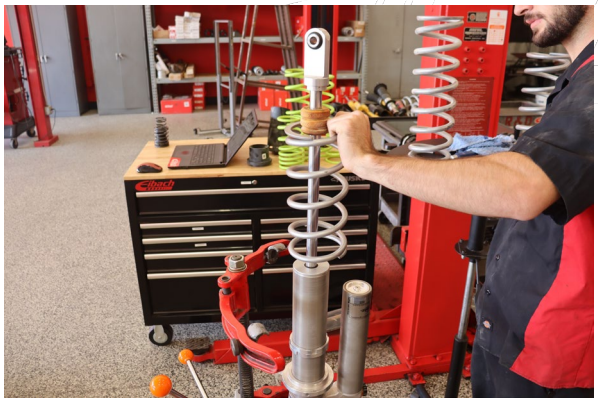


Set the rear preload to 60mm from the bottom of the Resi bridge to the spring seat.

REAR INSTALLATION



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



Install the Eibach tender spring.

Install the OE slider.

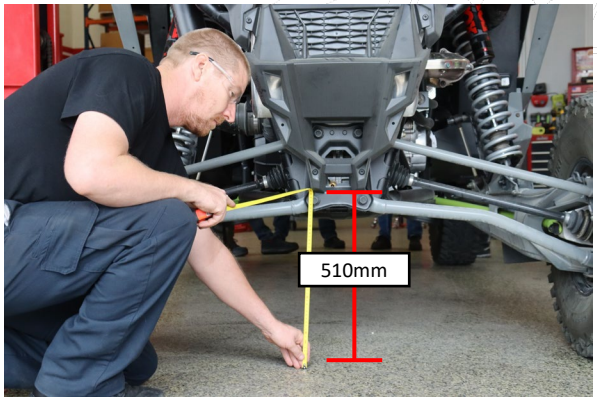
Install the Eibach main spring.

Compress the springs and install the OE lower spring perch. Make sure to align the boss on the rod end as shown.

Reinstall the shock assembly and repeat on the opposite side. Torque shock bolts back to factory spec.

REAR INSTALLATION

We recommend setting the compression adjuster to 3 clicks from full open.



The rear ride height should be about 510mm from the ground to the lower radius rod bolt. Ride heights are measured without any extra weight on the vehicle. Extra weight will result in a lowered ride height.