

# Installation Instructions

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## E85-209-030-03-22

2022+ Polaris RZR Turbo R 4 Ultimate

### Notes

For vehicles equipped with Fox Live Valve 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 | 1000.375.0300S | 2        |
| Front Main Spring   | 1400.375.0300S | 2        |
| Rear Tender Spring  | 1400.375.0200S | 2        |
| Rear Main Spring    | 1600.375.0300S | 2        |

### Installation Notes

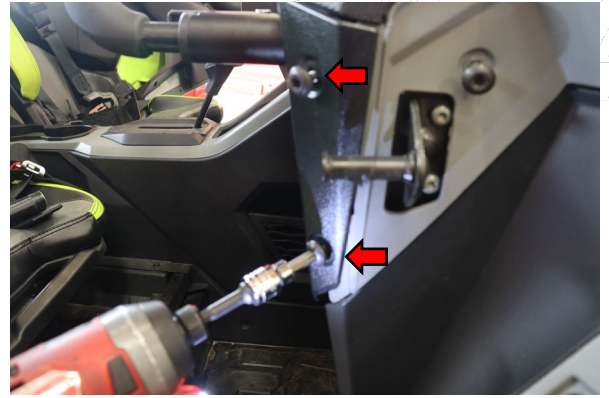
#### Read all instructions before beginning installation

- 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.

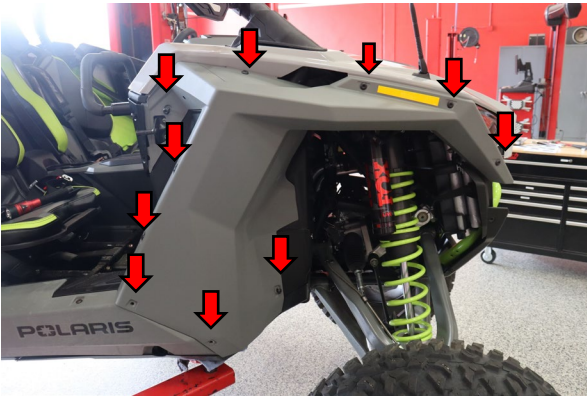
## FRONT INSTALLATION



Begin by 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.

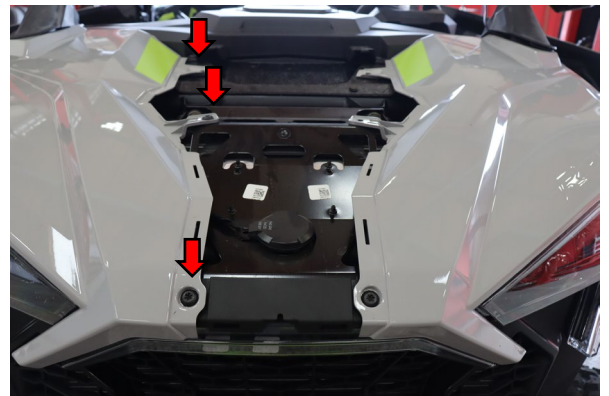


Remove the torx bolts on the upper hood fascia.



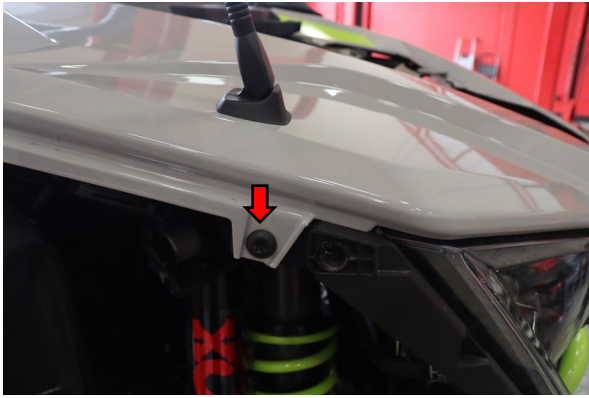
Remove the torx bolt securing the front hood fascia.

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.



Unplug the Live Valve compression and rebound cables.



## FRONT INSTALLATION



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

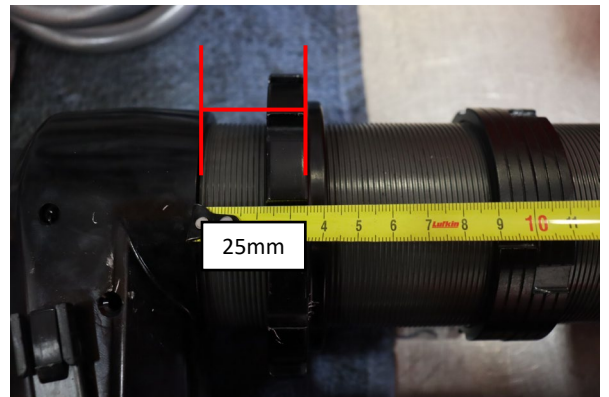
It may help to twist the shock body first with the bottom mount still in place to align the reservoir with the opening.



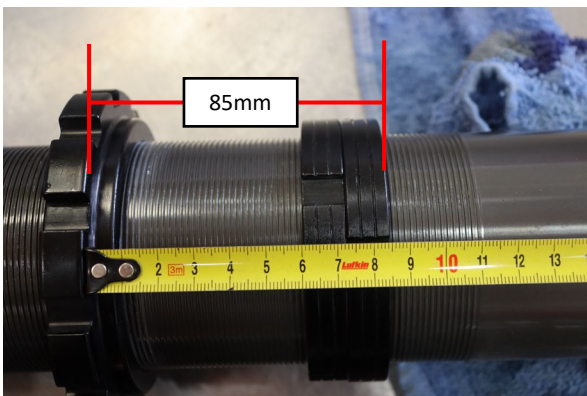
Compress the springs and remove the lower spring perch.



Remove the OE springs and slider.



Set the preload collar to 25mm 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.

## FRONT INSTALLATION



Install the OE slider.



Install the Eibach main spring.



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



Repeat on the opposite side and reinstall everything in reverse order of removal. Torque shock bolts to factory spec.



The front ride height should be about 525mm front the ground to the lower control arm bolt.



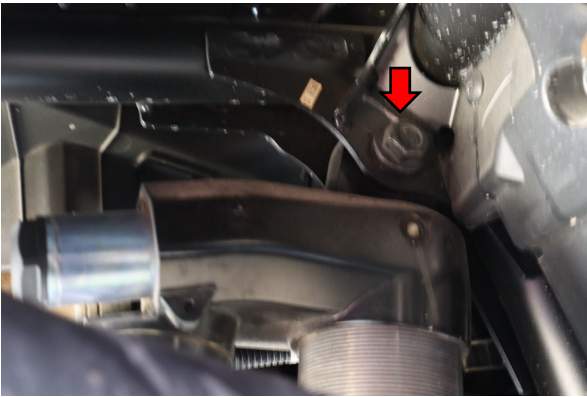
## REAR INSTALLATION



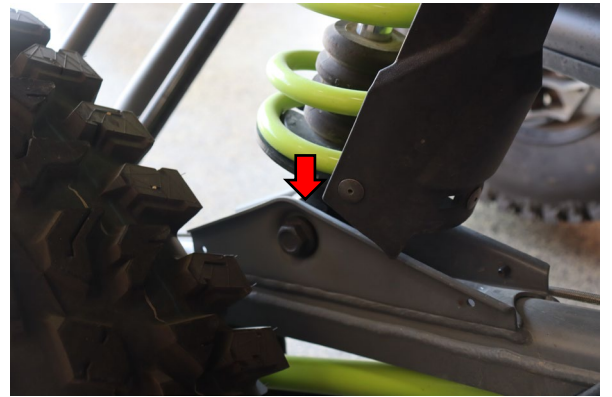
Jack up the rear of the vehicle.



Unplug the harnesses for the Live Valve compression and rebound adjusters.



Remove the upper shock bolt with a 21mm wrench.



Remove the lower shock bolt with a 21mm wrench.

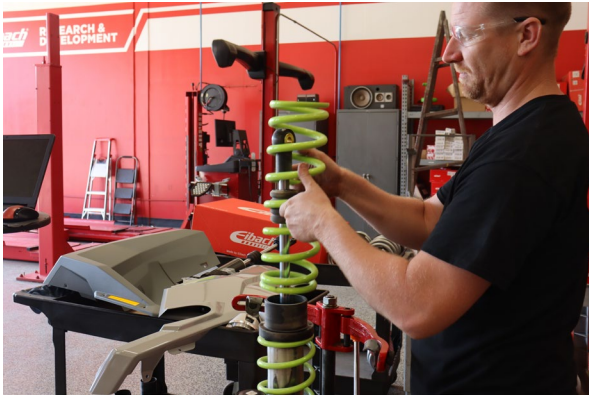


Remove the rear shock assembly.

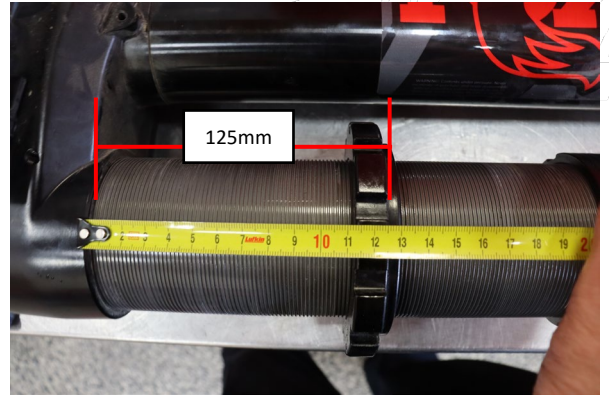


Compress the springs and remove the lower spring perch.

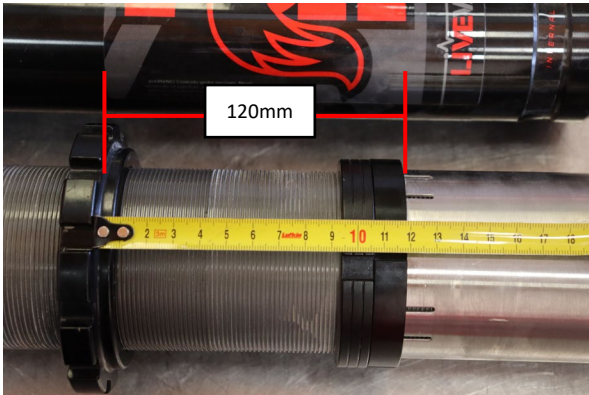
## REAR INSTALLATION



Remove the OE springs and slider.



Set the rear preload to 125mm from the bottom of the Resi bridge to the spring seat.



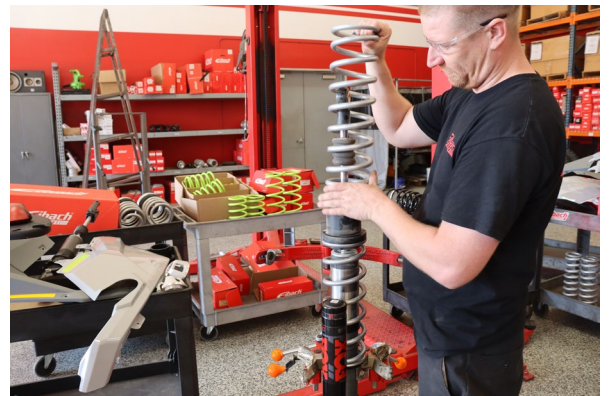
Set the crossover rings to 120mm from the spring seat to the bottom of the crossover rings.



Install the Eibach tender spring.



Install the OE slider.



Install the Eibach main spring.



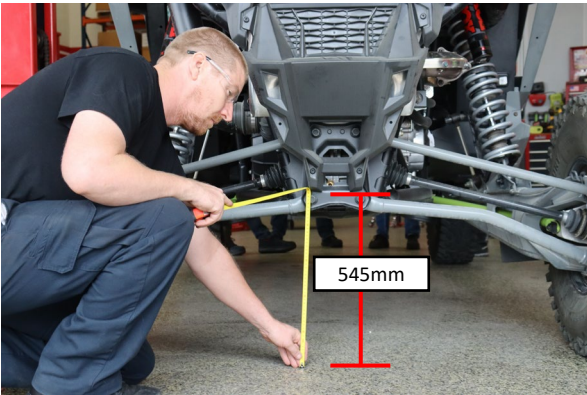
## REAR INSTALLATION



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.



The rear ride height should be about 545mm 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.