Installation Instructions

Eibach Inc. 264 Mariah Circle Corona, CA 92879
USA Tech Support 800-507-2338 ext. 114

PRO-UTV: E85-212-007-03-22

CAN AM MAVERICK X3 MAX DS TURBO

Notes

FOX 2.5” FRONT AND REAR

STAGE 3 (EXTRA WEIGHT)

All measurements were taken from a vehicle with 30” tires.

Kit Contents

Description	Part Number	Quantity
FRONT SECONDARY SPRING	1000.300.0200S	2
FRONT MAIN SPRING	1600.300.0350S	2
REAR SECONDARY SPRING	1200.300.0200S	2
REAR MAIN SPRING	1800.300.0400S	2
SPRING SLIDER	8001498	4

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.

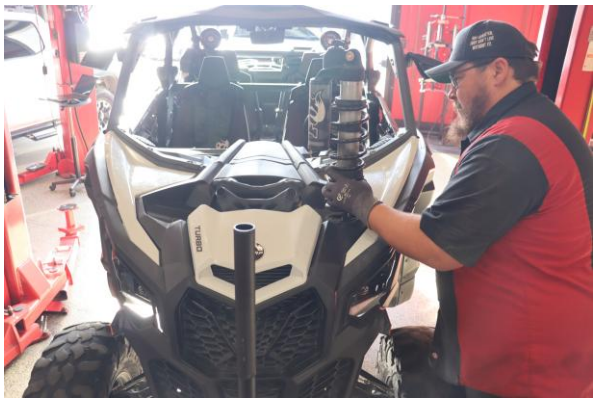
FRONT INSTALLATION

Step 1. Raise the front of the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**

Step 2. Lifting only enough to allow the wheel to spin freely will help ease removal, installation, and prevent damage to the axle from over extension.

Step 3. Use two 18mm to remove the upper shock mount nut and bolt.

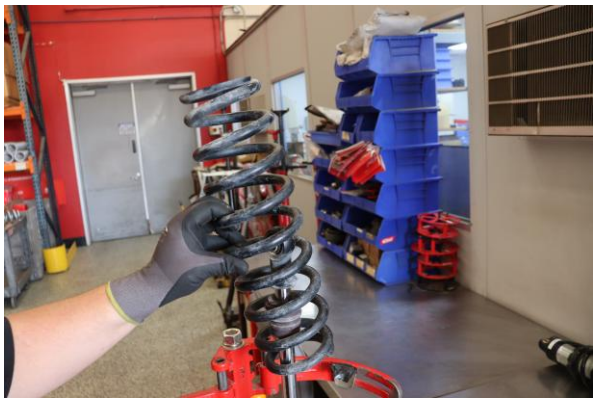
Step 4. Use two 18mm to remove the lower shock mount nut and bolt.



Step 5. Remove the shock assembly from the vehicle.

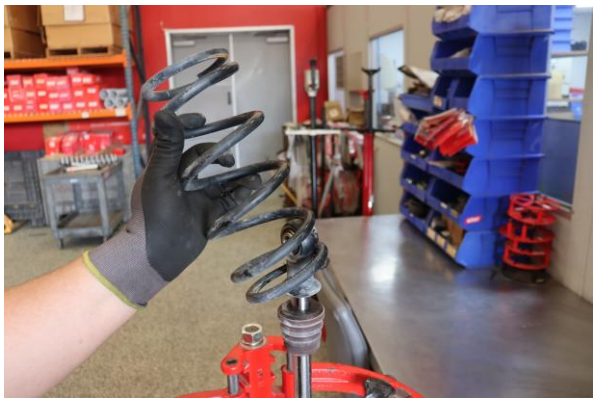
Step 6. Use spring compressor to compress the spring assembly. Remove the lower spring perch.

FRONT INSTALLATION

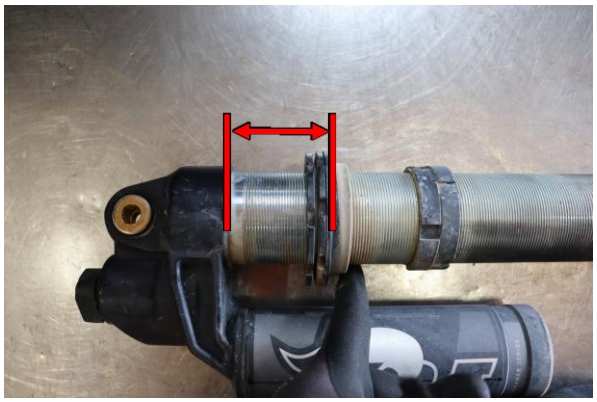


Step 7. Decompress the spring assembly. Remove the OE main spring.

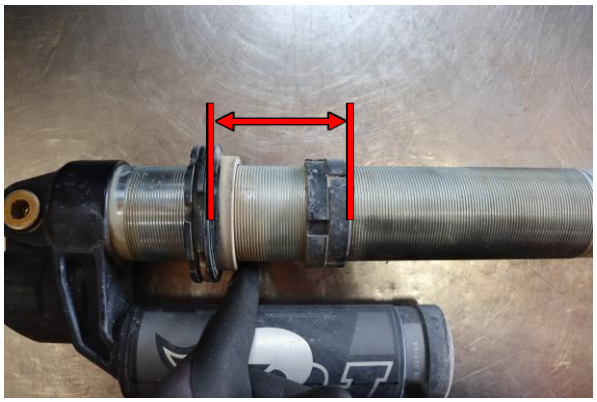
Step 8. Remove the OE spring slider.



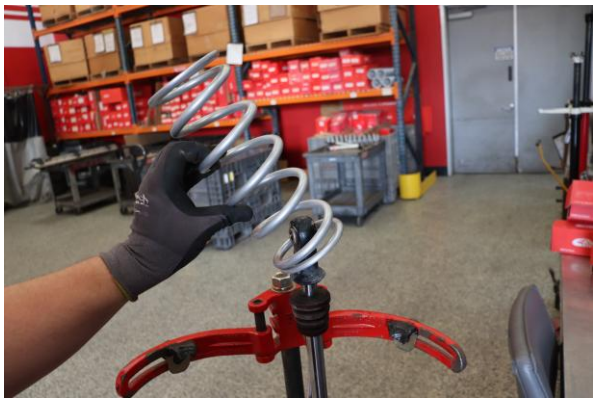
Step 9. Remove the OE secondary spring.



Step 10. Set pre-load of spring seat to **60mm (2 3/8in.)** from the bottom of the seat to bottom of the reservoir bridge.



Step 11. Set the crossover ring to 8**5mm (3 3/8in.)** from the bottom of the spring seat to the bottom of the crossover ring.

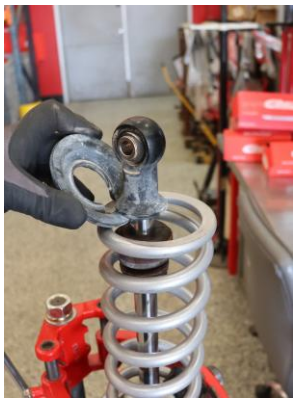


Step 12. Install the Eibach secondary spring.

FRONT INSTALLATION

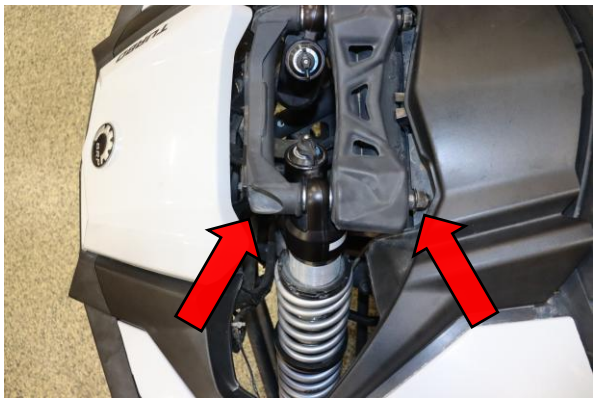
Step 13. Install the Eibach spring slider.

Step 14. Install the Eibach main spring.

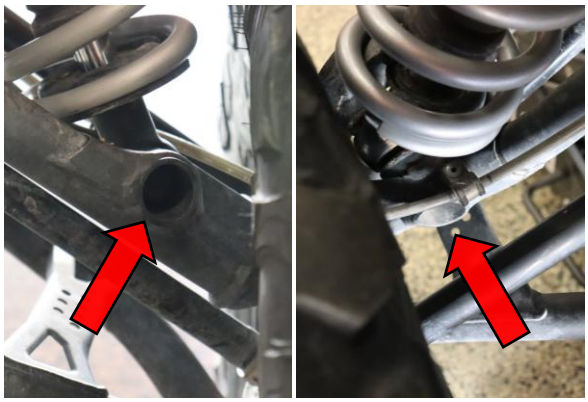


Step 15. Compress spring assembly enough to install lower spring perch. Decompress shock and ensure spring and perch sit flush on the lower mount.

Step 16. Install the shock assembly in the vehicle.



Step 17. Use two 18mm to install and tighten the upper shock mount nut and bolt to manufacturer specification.



Step 18. Use two 18mm to install and tighten the lower shock mount nut and bolt to manufacturer specification.

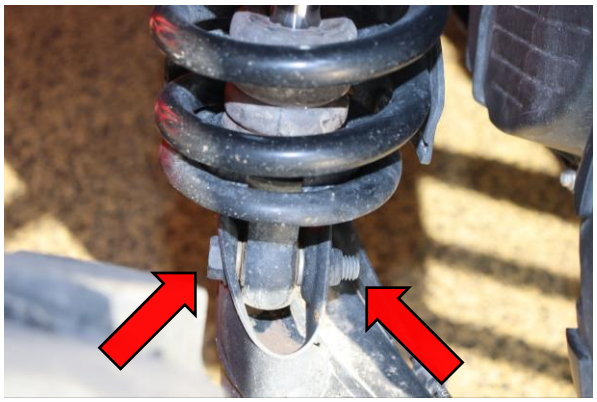
FRONT INSTALLATION

Step 19. Lower the front of the vehicle and carefully test drive while listening for any abnormal noises.

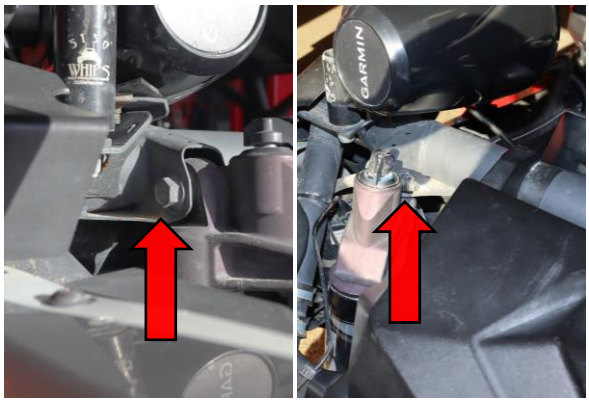
Step 20. Measure from the ground to the center of the frame between the rear mount of the front lower control arms. The recommended preload measurement in **Step 10** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **357mm (14in.)** measuring from the ground to the center of the frame. **Note: Measurements were taken from a vehicle with 30 in. tires. If your vehicle has a different size tire, the ride height will need to be adjusted. Due to the sensitivity of weight of these vehicles, weight distribution may change ride heights, additional pre-load may need to be added to compensate.**

REAR INSTALLATION

Step 1. Raise the rear of the vehicle and support it with the proper safety equipment. Lifting only enough allow the tire to spin freely will ease removal and installation. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**

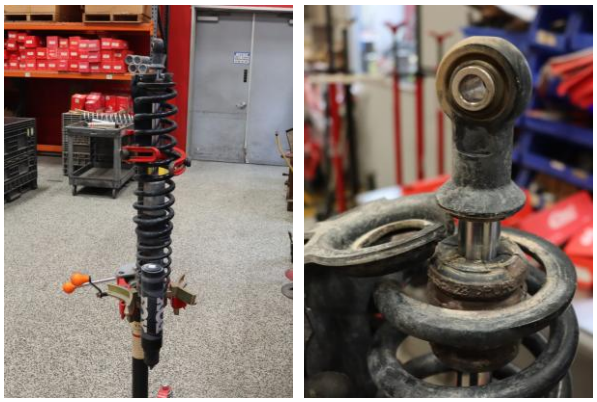


Step 2. Use two 18mm to remove the lower shock mount nut and bolt.

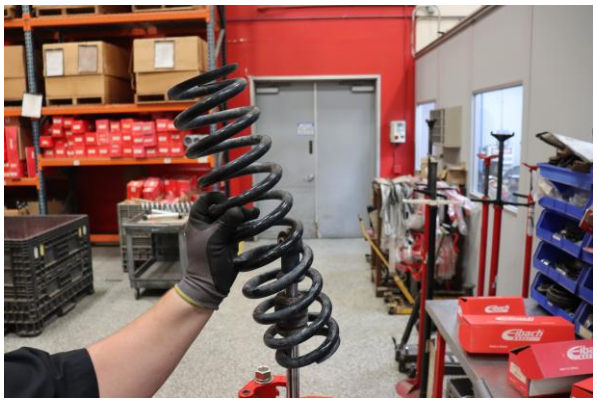


Step 3. Use two 18mm to remove the upper shock mount nut and bolt.

Step 4. Remove the shock assembly from the vehicle.

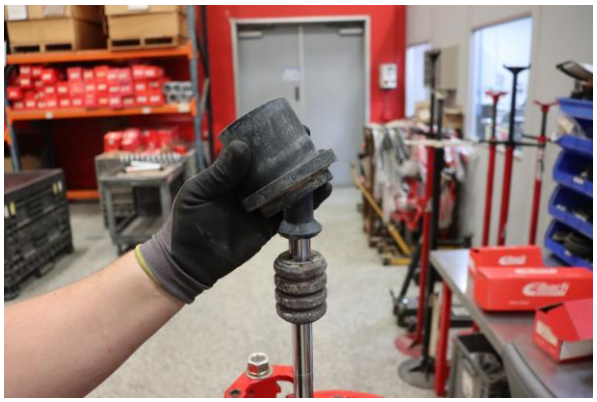


Step 5. Use a spring compressor to compress spring assembly. Remove the lower spring perch.

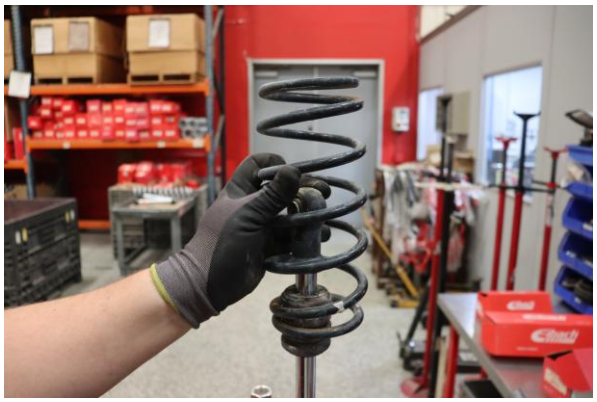


Step 6. Remove the OE main spring.

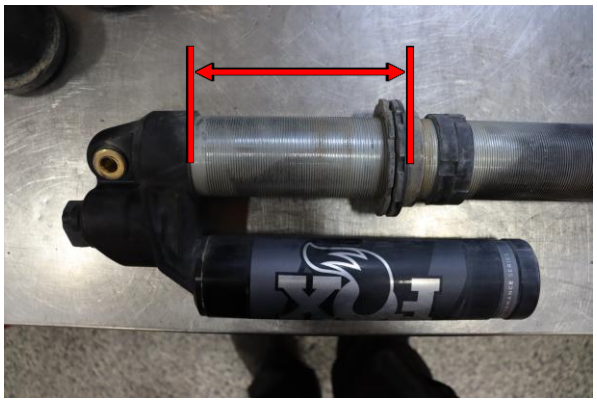
REAR INSTALLATION



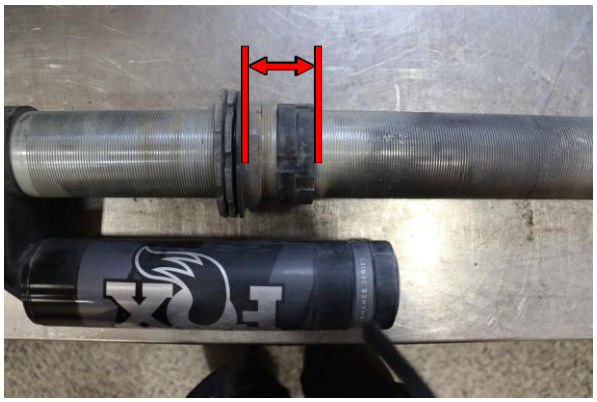
Step 7. Remove the OE spring slider.



Step 8. Remove the OE secondary spring.



Step 9. Set pre-load of spring seat to **60mm (2 3/8in.)** from bottom of seat to bottom of reservoir bridge.



Step 10. Set crossover ring to **100mm (3 15/16in.)** from bottom of spring seat to bottom of crossover ring.

Step 11. Install the Eibach secondary spring.

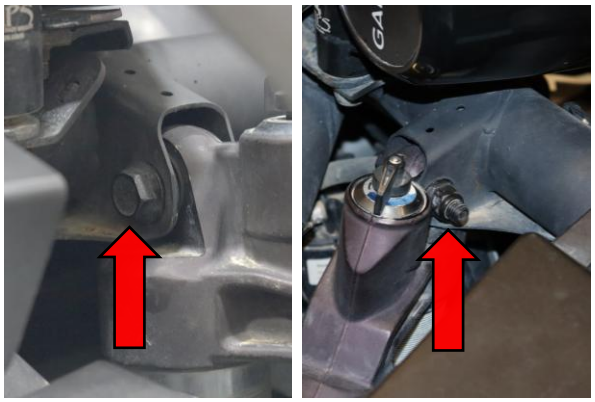
Step 12. Install the Eibach spring slider.

REAR INSTALLATION

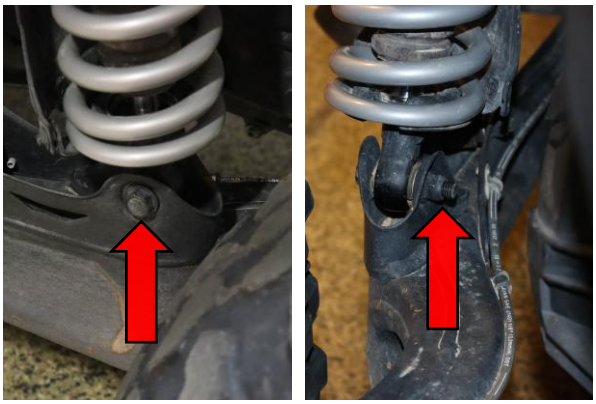
Step 13. Install the Eibach main spring.

Step 14. Compress the spring assembly and install the lower spring perch. Decompress the spring assembly making sure that the lower spring perch seats completely against the lower shock mount.

Step 15. Install the shock assembly in the vehicle.



Step 16. Use two 18mm to install the upper shock mount nut and bolt. Tighten to manufacturer specification.



Step 17. Use two 18mm to install the lower shock mount nut and bolt.

Step 18. Lower the rear of the vehicle and carefully test drive while listening for any abnormal noises.

FRONT INSTALLATION

Step 19. Measure from the ground to the center of the rear skid plate. The recommended preload measurement in **Step 9** will get the vehicle close to the recommended ride height but each vehicle may vary some. We recommend setting the ride height at **357mm (14in.)** measuring from the ground to the center of the rear skid plate. **Note: Measurements were taken from a vehicle with 30 in. tires. If your vehicle has a different size tire, the ride height will need to be adjusted. Due to the sensitivity of weight of these vehicles, weight distribution may change ride heights, additional pre-load may need to be added to compensate.**