

Installation Instructions

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



PRO-UTV: E85-214-003-03-22

KAWASAKI H2 TERYX5 DELUXE ES

Notes

FOX 3.0" ELECTRONIC FRONT AND REAR SHOCKS

STAGE 3 (100-199LBS ADDITIONAL WEIGHT)

All measurements were taken from a vehicle with 33" tires.

Kit Contents

Description	Part Number	Quantity
FRONT SECONDARY SPRING	0800.375.0350S	2
FRONT MAIN SPRING	1800.375.0450S	2
REAR SECONDARY SPRING	1400.375.0250S	2
REAR MAIN SPRING	2200.375.0300S	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



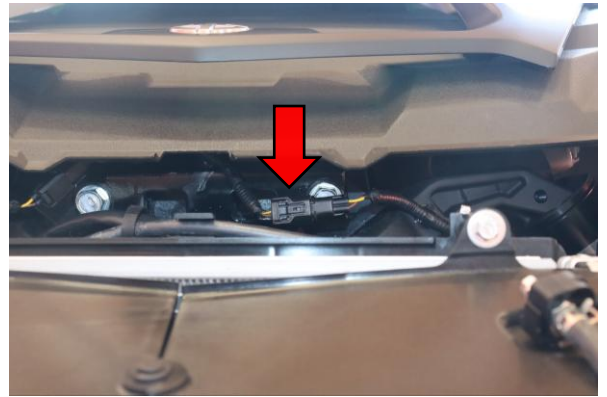
Step 1. Raise the front of the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



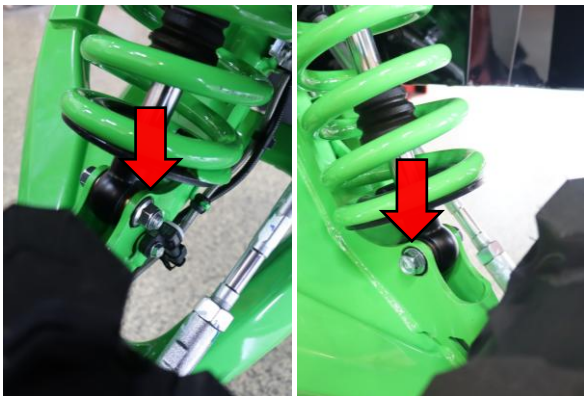
Step 2. Remove the hood by turning both latches 90 degrees.



Step 3. Support the weight of the wheel and tire. This will prevent damage to the axle from over extension and help with alignment of shock mounting bolts.



Step 4. Disconnect the left and right front shock electrical connectors.



Step 5. Use a 17mm to remove the lower shock mount nut and bolt.



Step 6. Use a 17mm to remove the upper shock mount nut and bolt.

FRONT INSTALLATION



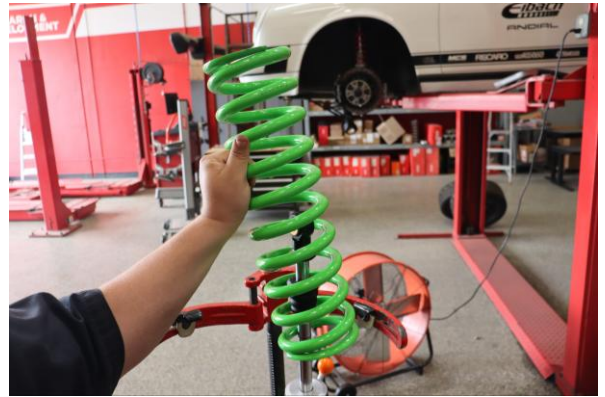
Step 7. Remove the shock from the vehicle.



Step 8. Use a spring compressor to compress the spring assembly enough that the lower spring perch is clear of the lower shock mount.



Step 9. Remove the lower spring perch and decompress the spring assembly.



Step 10. Remove the OE front main spring.



Step 11. Remove the OE front spring slider.



Step 12. Remove the OE front secondary spring.

FRONT INSTALLATION



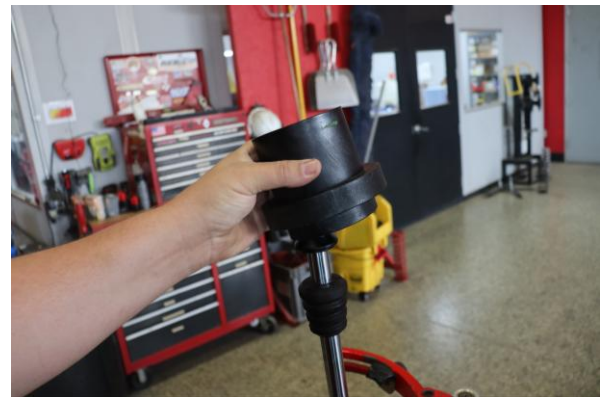
Step 13. Adjust preload to be **65mm (2 9/16")** when measured from the spring seat to the bottom of the crossover bridge.



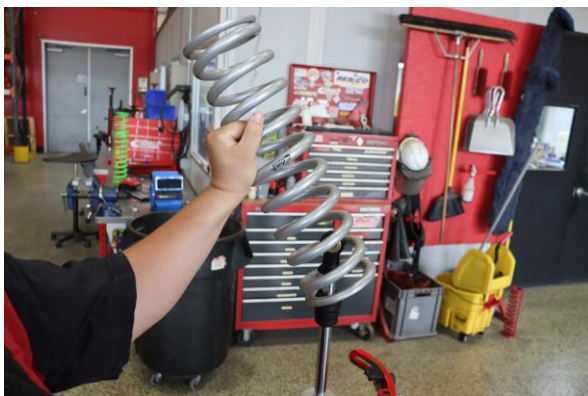
Step 14. Adjust the crossover ring to be **70mm (2 3/4")** when measured from the spring seat to the far side of the crossover ring.



Step 15. Install the Eibach front secondary spring.



Step 16. Install the OE front spring slider.



Step 17. Install the Eibach front main spring.



Step 18. Use a spring compressor to compress the spring assembly. Install the OE lower spring perch. Slowly decompress the spring assembly. Ensure that the lower spring perch seats full against the lower shock mount.

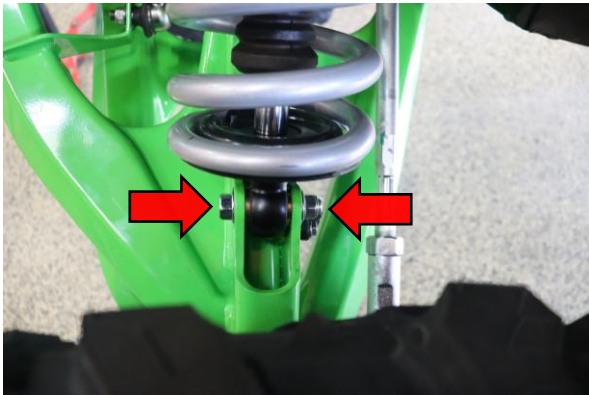
FRONT INSTALLATION



Step 19. Install the shock in the vehicle.



Step 20. Use a 17mm to install and tighten the upper shock mount nut and bolt to manufacturer specification.



Step 21. Use a 17mm to install and tighten the lower shock mount nut and bolt to manufacturer specification.



Step 22. Reconnect the shock electrical connector.



Step 23. Reinstall the hood and secure by turning both latches 90 degrees.



Step 24. Remove the wheel support and lower the vehicle.

FRONT INSTALLATION



Step 25. Measure from the ground to the center of the front skid plate between the lower control arm mounts. The recommended preload measurement in **Step 13** will get the vehicle close to the recommended ride height but each vehicle may vary some. As reference, skid plate measurement at recommended preload should be **406mm (16")**. Measurements were taken with an additional **150lbs** in the bed and **50lbs** in the passenger seat. **Note: Measurements were taken from a vehicle with 33" 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. Remove wheel and tire. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



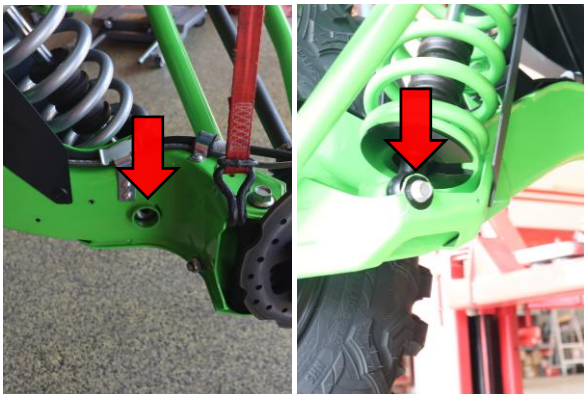
Step 2. Disconnect the shock electrical connector.



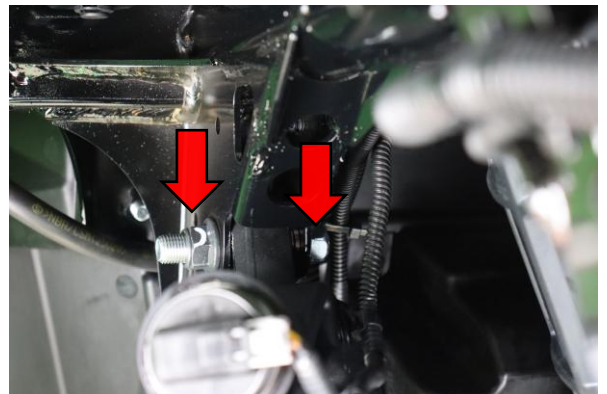
Step 3. Use a #3 Phillips screwdriver to remove the 3 rear trailing arm cover screws.



Step 4. Use a strap to support the weight of the trailing arm.

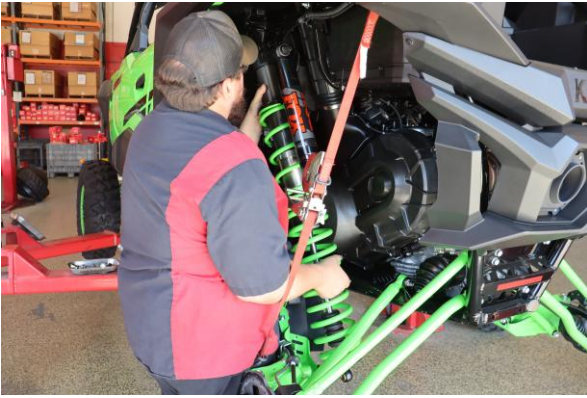


Step 5. Remove the lower shock bolt using a 17mm for the bolt and a 19mm for the nut inside the trailing arm.



Step 6. Use a 17mm to remove the upper shock nut and bolt.

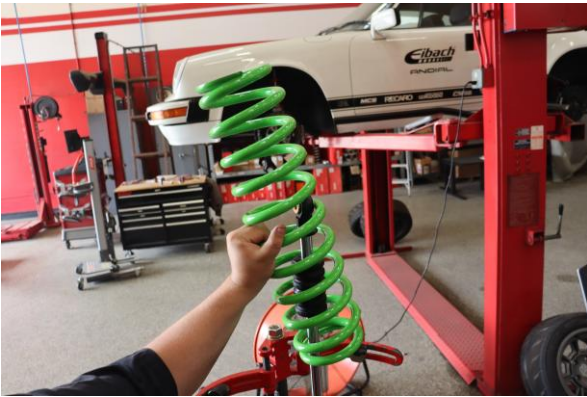
REAR INSTALLATION



Step 7. Remove the shock from the vehicle.



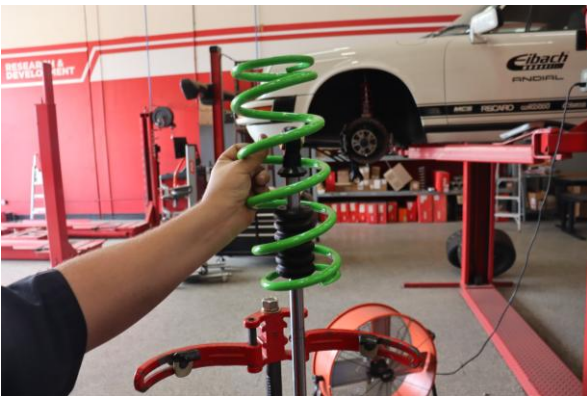
Step 8. Use a spring compressor to compress the spring assembly enough that the lower spring perch can be removed. Decompress the spring assembly.



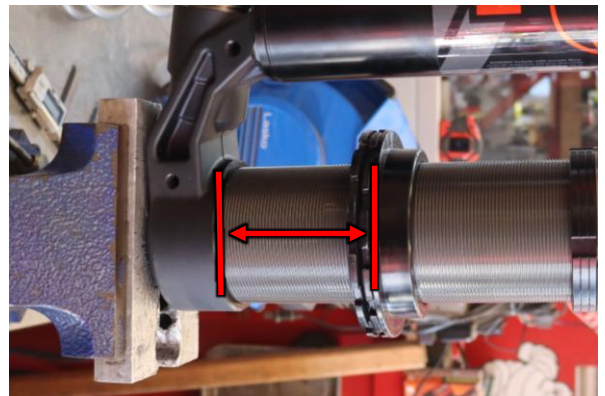
Step 9. Remove the OE rear main spring.



Step 10. Remove the OE rear spring slider.

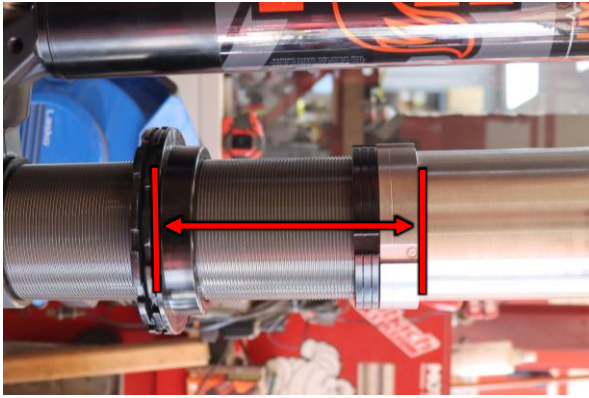


Step 11. Remove the OE rear secondary spring.



Step 12. Set preload to 75mm (2 15/16") when measured from the spring seat to the bottom of the crossover bridge.

REAR INSTALLATION



Step 13. Set the crossover ring to be **130mm (5 1/8")** from the spring seat when measured to the far side of the ring.



Step 14. Install the Eibach rear secondary spring.



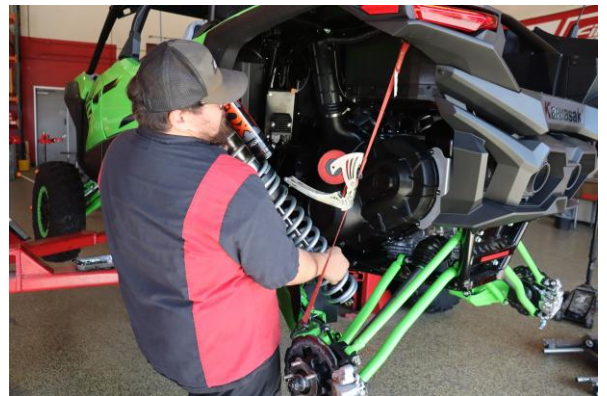
Step 15. Install the OE rear spring slider.



Step 16. Install the Eibach rear main spring.

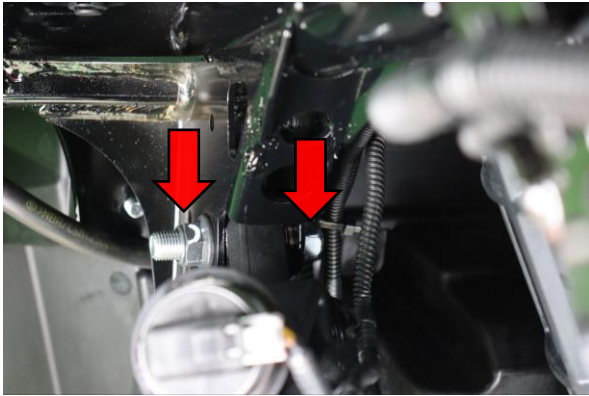


Step 17. Install the lower spring perch and decompress the spring assembly. Ensure the lower spring perch seats fully against the lower shock mount.

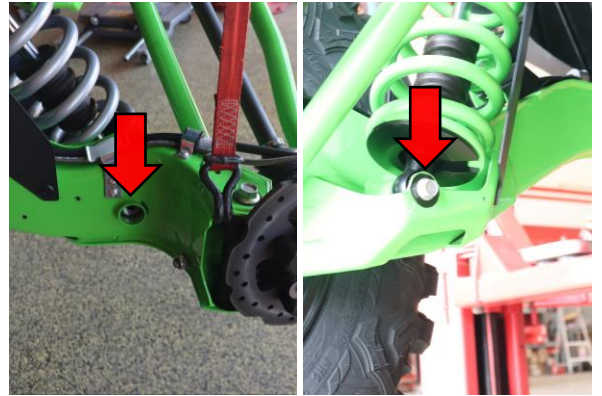


Step 18. Install the shock in the vehicle.

REAR INSTALLATION



Step 19. Use a 17mm to install and tighten the upper shock mount nut and bolt to manufacturer specification.



Step 20. Install the lower shock mount bolt using a 17mm and nut using a 19mm. Tighten to manufacturer specification.



Step 21. Reconnect the shock electrical connector.



Step 22. Remove the strap installed in step 4.



Step 23. Use a #3 Phillips screwdriver to reinstall the trailing arm cover and screws.



Step 24. Install the wheel and tire. Tighten to manufacturer specification.

REAR INSTALLATION



Step 25. Measure from the ground to the center of the rear skid plate between the lower control arm mounts. The recommended preload measurement in **Step 12** will get the vehicle close to the recommended ride height but each vehicle may vary some. As reference, skid plate measurement at recommended preload should be **406mm (16")**. Measurements were taken with an additional **150lbs** in the bed and **50lbs** in the passenger seat. **Note: Measurements were taken from a vehicle with 33" 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.**
