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Rough Country 68731 Installation Instructions

2.5-Inch Lift Kit for Jeep Liberty KK (2008-2012)

Part number: 68731

trailfortress.com/2-5-inch-lift-kit-jeep-liberty-kk-rough-country-68731

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

921687310

JEEP 2008-12 Liberty 2.5” Strut, Coil Kit

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:
2.5” Loaded Strut x2
Rear Coil Springs x2
Rear Shocks x2

TOOLS NEEDED:
Jack
Jack Stands
14mm Wrench or Socket
15mm Wrench and Socket
18mm Wrench and Socket

HARDWARE INCLUDED:
Upper Strut Nuts x8



Torque Specs:

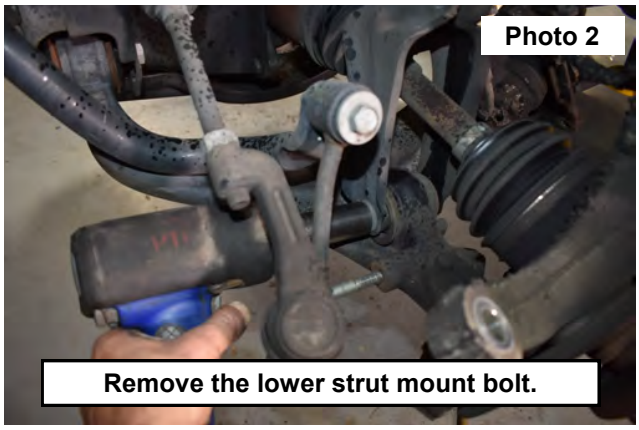
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

RC ROUGH COUNTRY

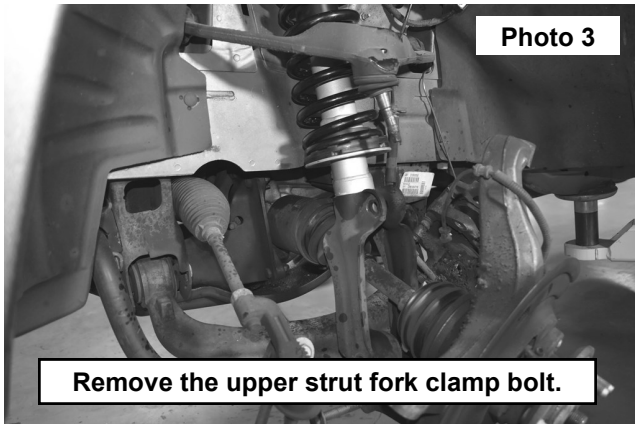
INSTALLATION INSTRUCTONS

1. Lift the front of the vehicle up using a jack. Place jack sands under the frame and lower the vehicle.
2. Remove the wheels from the vehicle.
3. Support the lower control arm with a jack.
4. Disconnect the sway link from the lower control arm.
5. Disconnect the tie rod end from the knuckle.
6. Loosen the upper ball joint nut, use a hammer to break the brake the taper loose. Remove the nut and the upper arm from the knuckle. **See Photo 1.**
7. Remove the lower strut mount bolt using a 18mm socket and wrench. **See Photo 2.**



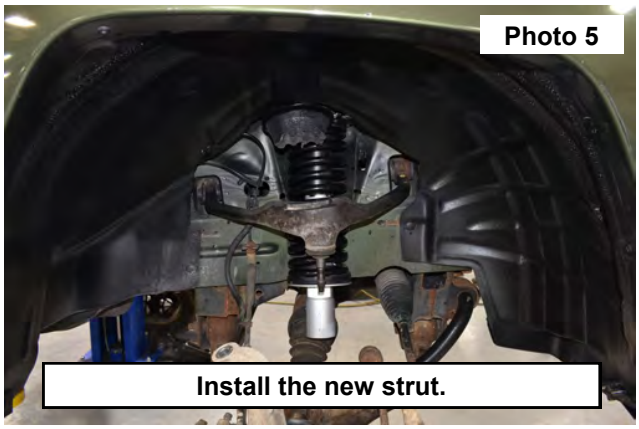


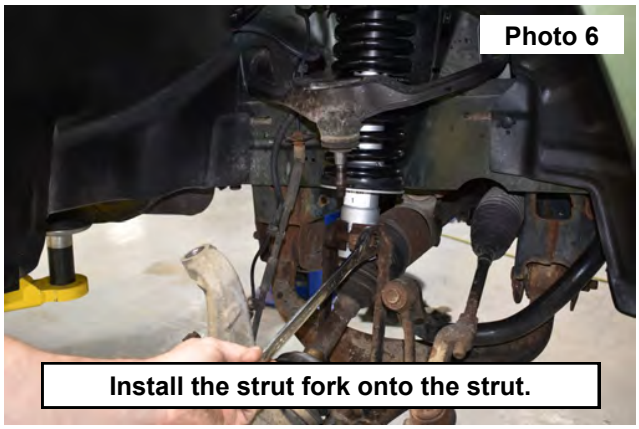
8. Remove the upper strut fork clamp bolt using an 18mm socket. Remove the strut fork from the vehicle. **See Photo 3.**
9. Remove the (4) upper strut nuts and remove the strut from the vehicle. **See Photo 4.**



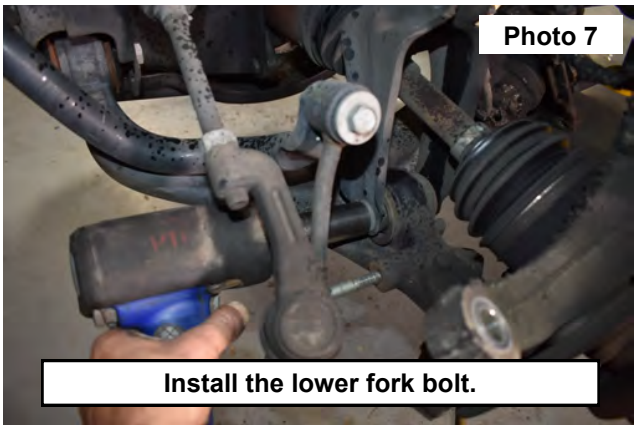


10. Install the new strut into the upper strut mount, secure using (4) of the supplied nuts. **See Photo 5.**
11. Install the strut fork on the lower strut and place the bolt in the clamp. Tighten using a 18mm socket. **See Photo 6.**



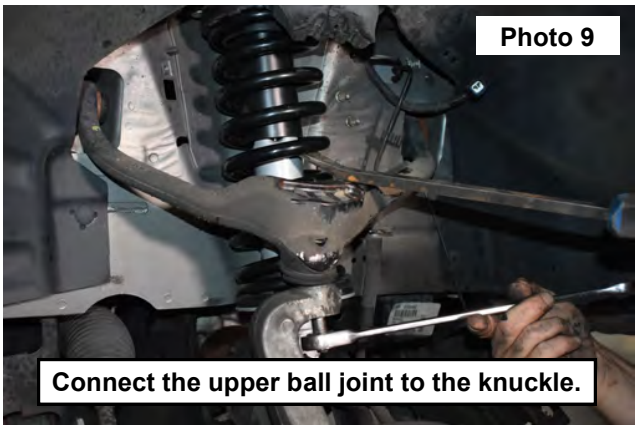


12. Place the lower fork bolt into the control arm. **See Photo 7.**
13. Tighten the upper strut hardware using a 14mm socket. **See Photo 8.**





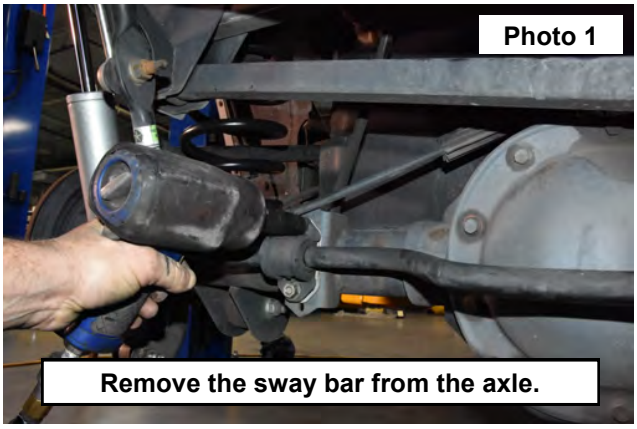
14. Connect the upper ball joint to the knuckle. Tighten using an 18mm socket. **See Photo 9.**
15. Connect the tie rod end to the knuckle.
16. Connect the sway link to the lower control arm.

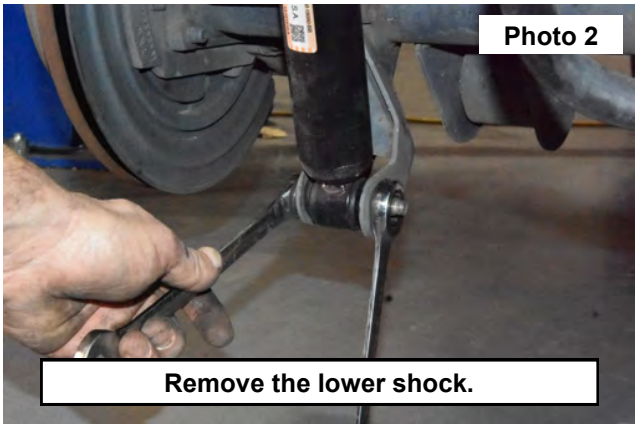


17. Install the wheels and tires. Use a jack to lift the front of the vehicle up and remove the jack stands. Then lower onto the ground.
18. When the vehicle is on the ground tighten the lower strut fork bolt on the control arm using a 18mm socket.

REAR INSTALLATION INSTRUCTONS

1. Lift the vehicle up using a jack, place jack stands under the frame and lower.
2. Remove the wheels and tires.
3. Support the rear end with a jack.
4. Remove the sway bar mount nuts using a 15mm socket on each side of the axle then remove from the axle. **See Photo 1.**
5. Remove the lower shock using a 19mm wrench on the nut and a 15mm wrench on the bolt. **See Photo 2.**



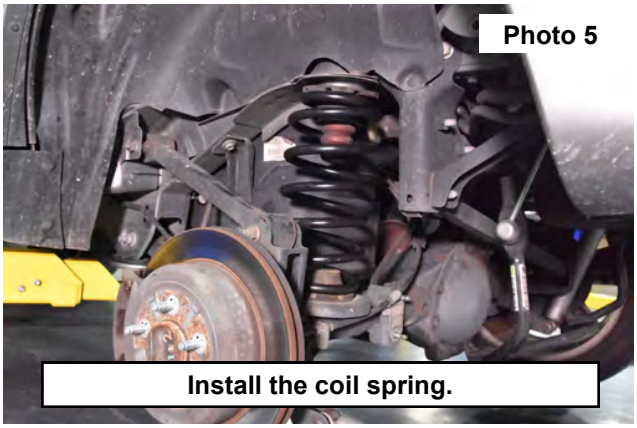


6. Remove the upper shock bolt using a 15mm wrench. Remove the shock from the vehicle. **See Photo 3.**
7. Lower the axle and remove the OE coil spring. **See Photo 4.**



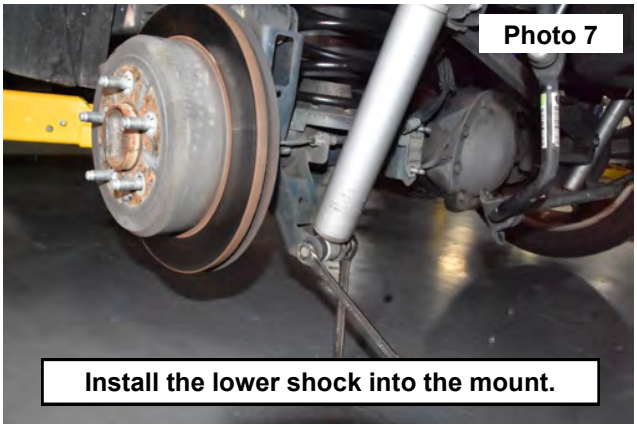


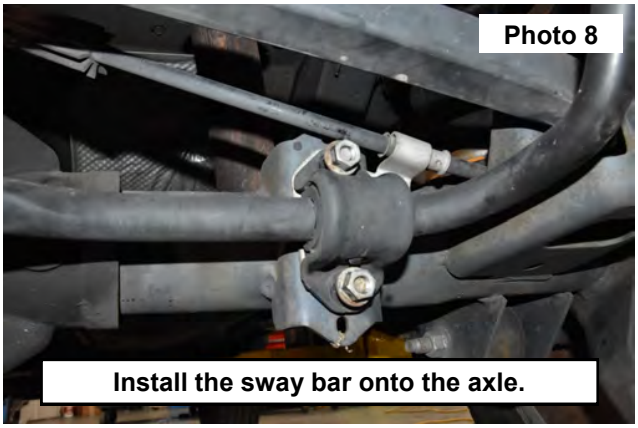
8. Install the new coil spring into the vehicle and raise the axle to seat the spring. **See Photo 5.**
9. Install the new shock into the upper mount using the OE bolt. **See Photo 6.**





10. Raise the axle and install the lower shock into the mount using the OE bolt and nut. **See Photo 7.**
11. Place the sway bar on to the axle mounts and secure using the OE nuts. Tighten using a 15mm socket. **See Photo 8.**





12. Install the wheels and tires onto the vehicle, lift off of the jack stands and lower onto the ground.
13. Tighten the upper shock using a 15mm socket.
14. Tighten the lower shock using an 18mm socket on the nut and a 15mm wrench on the bolt.



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