



## 2007-2018 Chevy 1500 Leaf Springs

King Shocks 12472 Edison Way Garden Grove, CA 92841  
714-530-8701 [www.kingshocks.com](http://www.kingshocks.com)

**Rear Parts List:**

2 – 2007-2018 Chevy 1500 Rear Leaf Springs (SPR1001)

**Tools Required:**

Floor Jack/Jack Stands  
Metric Socket/Wrench Set  
Standard Socket/Wrench Set



This leaf spring is designed to lift the rear 1" - 1½" over stock without the factory lift block (if applicable). Install leaf springs without the block. Factory lift block can be added if a taller ride height is desired.

**We recommend having an empty gas tank or close to empty to make step 4 much safer and easier to do.**

**REAR:** With the vehicle on level ground, block the front tires. Using a floor jack, raise the rear end and support the frame rails with jack stands for safety. Remove tires. **NOTE: Never work under an unsupported vehicle.**

1. Keep a jack and jack stands under the rear axle, you will need to move the axle up and down to remove and install leaf springs. Start by unbolting the brake line bracket on the axle. Then unclip the ABS lines. Keep an eye on all the brake and ABS lines during spring removal and installation to avoid damaging them.



**IMPORTANT:** Read all instructions thoroughly from start to finish before beginning the install. Check parts list and make sure all parts are included in the kit. If the instructions are not properly followed severe frame, driveline and/or suspension damage may result. Check for frame and suspension damage prior to installation.

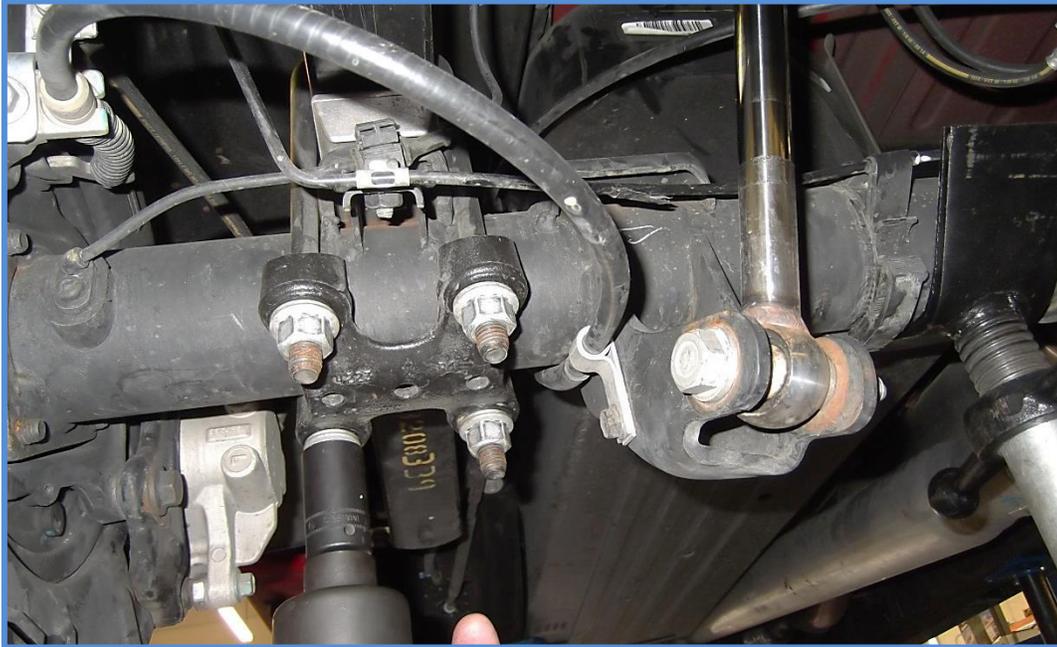
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.



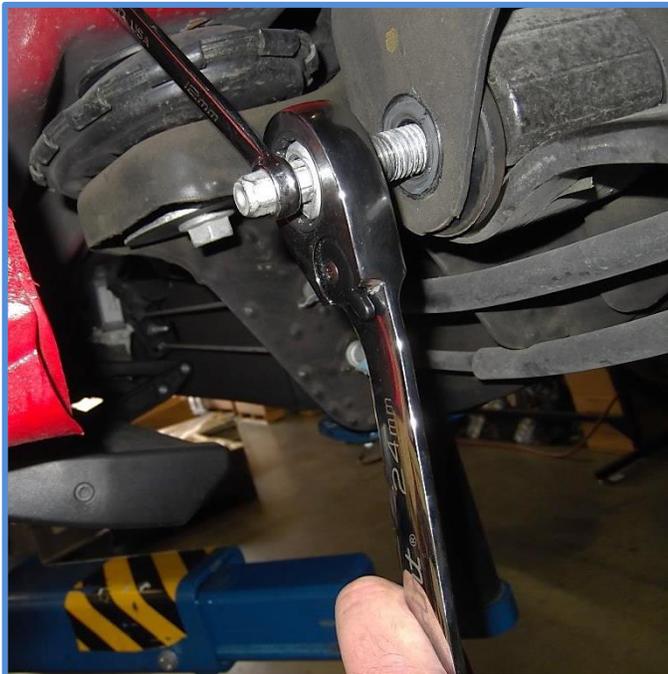
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2. Remove U-bolts using a 22mm socket. Remove the lower shock mounting bolt using a 21mm socket and wrench. Lower the axle enough to remove the factory blocks under leaf springs (if applicable).



3. Remove the nuts from the leaf spring mounting bolts. Hold the end of the front bolt with a 12mm wrench and loosen the nut with a 24mm wrench. Hold the end of the rear bolt with a 10mm wrench and loosen the nut with a 21mm wrench. Also, loosen the shackle nuts slightly so the shackle will swing down easier for removing the spring bolt.



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4. On the left side you will need to move the gas tank out of the way to remove the front leaf spring bolt. First remove the plastic gas tank skid plate. (Doing this with an empty tank is MUCH easier!)



5. Place supports under the gas tank and remove the bolts holding the straps and remove straps. Lift the vehicle slightly or lower the tank and inch or so. You should now be able to move the gas tank over enough to get the bolt out... it's tight in there but it can be done.



6. Remove the front bolt and pull the spring down and forward until you can remove the rear bolt. Install new spring in the reverse order. Place the spring in position and install the rear shackle bolt, then push spring back and position front of spring in the front mount and install bolt. Line up center pin on axle and install U-bolts. Do Not Fully Tighten any bolts at this time just get things snug. Final tightening of all leaf spring bolts should be done with the vehicle on the ground at ride height with the weight of the vehicle on the springs.



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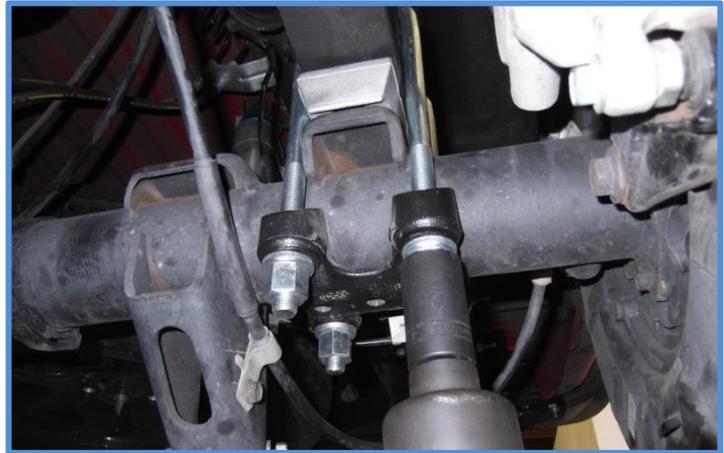
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7. Slide the gas tank back over, install straps and skid plate.

8. On the right side, remove the front bolt and pull the spring down and forward until you can remove the rear bolt. Install new spring in the reverse order. Place the spring in position and install the rear shackle bolt, then push spring back and position front of spring in the front mount and install bolt. Line up center pin on axle and install U-bolts.



9. With the new leaf springs installed, place the tires back on the vehicle and lower vehicle to the ground. Tighten all leaf spring bolts (main mounting bolts, shackle bolts and U-bolts) only when the vehicle is sitting on all fours at ride height with the weight of the vehicle on the suspension.



10. Raise the rear end up again and support frame rails with jack stands and let the suspension hang at full droop with the shocks installed, bolt the brake line brackets back in place (you may need to bend the brackets slightly so that the brake lines are not tight at full droop). Place ABS lines back in clips, you may need to pull some slack for the ABS lines so they aren't tight at full droop.

**DOUBLE CHECK ALL HARDWARE:**

Make sure everything is installed correctly and all hardware is tight before reinstalling tires. Install tires, remove jack stands and lower vehicle to the ground. Recheck all hardware and lug nuts after 100 miles and periodically after that as part of routine maintenance.

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