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SKU NO.FLU 202,209,213  
LK001 , LK008, LK015  
LK016, LK019

## Rear block and U Bolts Installation



The installation photo for reference

- 1) Position vehicle on a flat, stable surface or a professional automotive lift.
- 2) Never work on an unsupported vehicle. Remove rear tires.
- 3) If brake line length is needed, remove any clamps holding rear rubber brake line in place.
- 4) Support rear axle with floor jack and remove lower shock bolts, and the factory U bolts.
- 5) Remove and discard the factory U-bolts and nuts. Separate the rear axle away from the spring packs so the block may be inserted between the two.
- 6) The diameter of new U-bolts may be bigger than old U-bolts depending on the vehicle. Be sure new U-bolts fit through the U-bolt plate. Drill the 4 holes in the U-bolt plate to proper size if needed.
- 7) The centering pin on the block should fit snugly into the hole on the spring perch which is welded to the rear axle housing. Be sure that the pin is not too long and touches the axle housing tube. Trim the length of the pin if needed.
- 8) If the block is tapered, the tall end of the block should be toward the back of the vehicle. This will pitch the pinion angle up toward the transmission. If the block is straight, the pin hole on top of the block may be offset from the pin on the bottom of the block. If offset, turn the block so that the pin is further toward the front of the truck than the pin of the leaf spring.
- 9) The centering pin on the leaf pack should fit snugly into the hole in the top of the block. Use the extended length U-bolts and re-assemble the U-bolt system with the U-bolt plate on top of the spring pack, and the U-bolt nut plate under the rear axle just as they were before disassembly. Apply anti-seize to the threads of the U-bolts before installing the nuts on the U-bolts.
- 10) Repeat steps 4 through 7 for the opposite side of the vehicle.
- 11) Torque the U-bolt nuts as specified in the chart at the end of this instruction sheet. Be sure to tighten the nuts evenly on all the U-bolts, so that the amount of thread protruding from each nut is close to being the same.

- 12) Install extended brake line or bracket if needed and purchased separately. Bleed brakes so there is no air left in the system, if the line was changed. Check system for leaks. Modification may be needed to prevent over extension of the factory brake line.
- 13) Install new rear shocks.
- 14) Put on rear tires.
- 15) Measure the distance the drive shaft length changed by checking the distance between the mark you made previously and the amount it is in the tail housing now.

### Torque Specification Chart

9/16" Bolts 90Ft.-Lbs

5/8" Bolts 100Ft.-Lbs

3/4" bolts 120Ft.-Lbs

## Thank you for the purchases!

It is our honor to help you. so please write us about what you think and what you need. We will reply you ASAP and try our overwhelming best to help you solve the problem. Please feel free to contact us via eBay message or Amazon tools, or send email to [info@ksppperformance.com](mailto:info@ksppperformance.com) directly.