



AXLE BEAM REPLACEMENT INSTRUCTIONS

AXLES AND SUSPENSIONS

NOTE: See [TI-073](#) for proper axle orientation.

1. Lift and support unit per manufacturer's requirements.

⚠ WARNING

Lift unit by the frame and never the axle or suspension. Do not go under unit unless it is properly supported by jack stands. Unsupported units can fall causing death or serious injury.

2. Remove lug nuts from wheels on the axle receiving the new beam.
3. Remove the spindle nuts and other hardware on the spindle holding the hub on the spindle.
4. Remove hub from spindle.
5. Remove backing plate with brake assembly from spindle.
6. Remove nuts from U-bolts and remove u-bolts from axle beam.
7. Remove axle beam from under the unit.
8. Install new axle beam under the unit.

NOTE: Be sure axle info tag and brake wires are facing the rear of the unit.

9. Install new U-bolts (mandatory) and tie plates (if necessary).

NOTE: Be sure springs are centered on spring perches on the new axle beam. Spring clips on front of spring unless 2 clips are used.

10. Torque U-bolt nuts per guide below:

Torque Guide	
2K Axle	25 ft. lb.
3.5K Axle with 1/2" U-Bolt	50 ft. lb.
5.2K Axle	65 ft. lb.
6-8K Axle	90 ft. lb.

11. Install backing plate with brake assembly on spindle. Torque specs: 35-55 ft.lb.
12. Install hub on spindle.
13. Install hardware and spindle nut in the proper sequence on the spindle.
14. Spindle nut should be torqued to 50 ft.-lb. Hub will rotate during this process.
15. Loosen castle nut to back off the torque.
16. Tighten castle nut finger tight until snug.
17. Insert cotter pin. If cotter pin does not line up with hole, back castle nut up slightly until pin can be inserted.
18. Bend cotter pin over to lock nut in place. Nut should be free to move with only the cotter pin keeping it in place.
19. Mount wheel and lug nuts and tighten to proper torque guidelines. Check with unit manufacturer for lug nut torque specs.

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lci1.com or by downloading the MyLCI app.