

AXLES AND SUSPENSION

Purpose

This document outlines the replacement procedure for trailer axles.

Safety

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

⚠ WARNING

The trailer **MUST** be supported per manufacturer's recommendations before working underneath.
Failure to do so may result in death or serious injury.

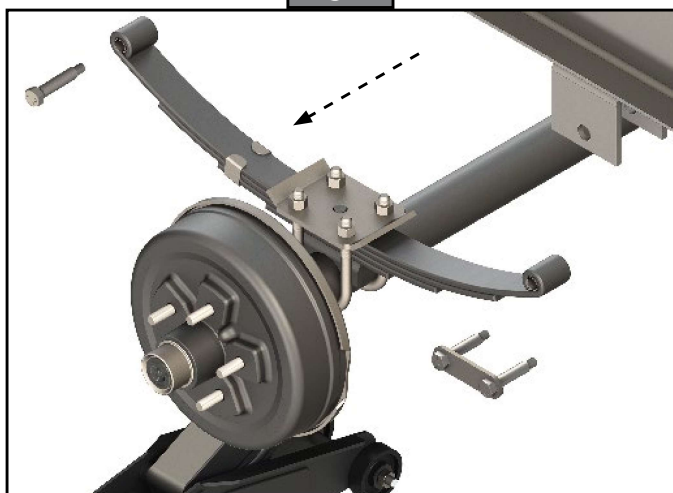
Resources Required

- Floor Jack
- Jack Stands
- Socket Wrench
- Hammer/Mallet

Procedure

1. Support trailer according to manufacturer's recommendations.
2. Remove tires and wheels from the desired axle.
3. Remove brake lines and wire harnesses going to the axle being replaced.
4. Using a floor jack and jack stands, support the axle and remove the nuts, bolts and shackle links from equalizers on each side of the axle (Fig. 1).

Fig. 1



NOTE: At this point in the installation, LCI recommends inspecting the equalizer shackle links. If the shackle links are worn, LCI recommends replacing them.

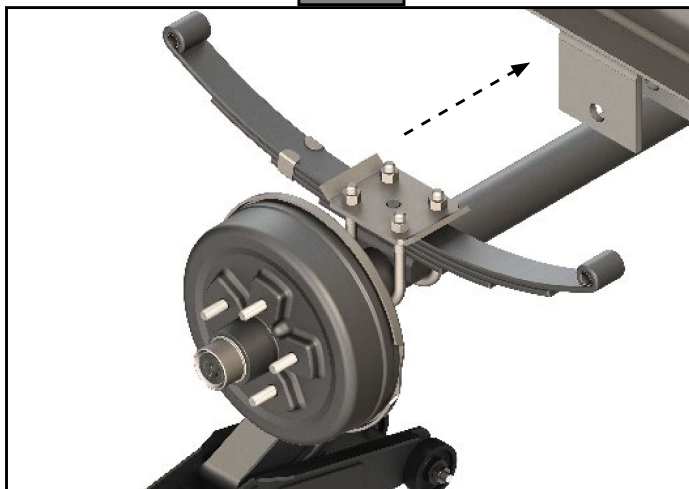
NOTE: Shackle links must be reinstalled using the same shackle orientation used previously

5. Using the floor jack, slide the axle being replaced from underneath the trailer.
6. Slide the new axle into position underneath the trailer (Fig. 2).
7. Lift new axle into place.

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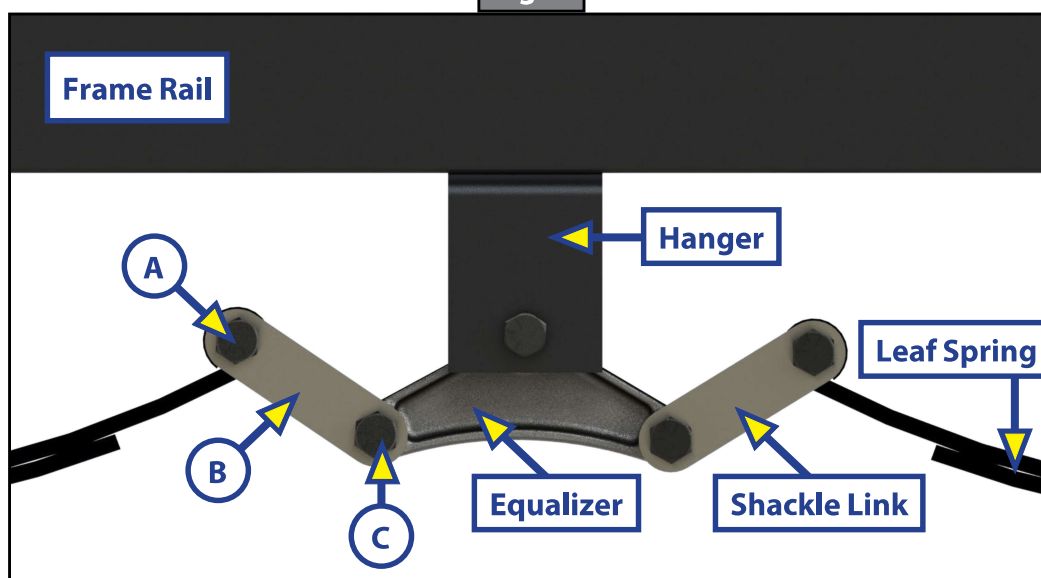
8. Install new bolts and nuts. See [Trailer Axle \(2K-7K\) Owner's Manual](#) and [Trailer Axle \(8K-16K\) Owner's Manual](#) for respective torque specifications.
9. Re-wire brakes.

Fig. 2



10. Remount the tires to the axle.
11. Install the lugnuts and tighten in a star pattern per the Owner's Manual referenced in this document (see Step 8).
12. Remove the jack stands.
13. Add final torque to the lugnuts.
14. Make sure the shackle links (Fig. 3B) are pointing up and the leaf spring eyes (Fig. 3A) are located above the equalizer eyes (Fig. 3C).
15. After reassembly is complete, test all function and operation of the axles and brakes before returning the trailer to normal use.

Fig. 3



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.