

SUSPENSION

Purpose

This document outlines the procedure for removing broken Tri-lobe shock bolts.

Resource Required

- Cordless or electric drill
- 1/8" or 3/16" Drill bit
- #3 or #4 "easy out" bolt extractor
- Hammer
- Wrench

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

WARNING

Lift the trailer by the frame. Do not go under the trailer unless it is properly supported. Unsupported trailers can fall and may result in death, serious injury or property damage.

CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

Procedure

NOTE: if the broken bolt is behind a tire (on the outside of the frame) the unit needs to be lifted (safely) and tire removed to access the bolt before beginning the extraction procedure.

1. Using a 1/8" drill bit, drill all the way through the bolt.

NOTE: It is important to drill all the way through the bolt. This will allow a #3 easy out to grab onto the hardened tip of the thread rolling bolt.

2. Insert the #3 easy out into the drilled hole and tap into place using a hammer.
3. Attach a wrench to the top of the extractor and turn counterclockwise to break the bolt loose.

NOTE: If the #3 easy out strips, then repeat the procedure using a 3/16" drill bit and a #4 easy out.