

RV U-bolts & Nut Kits and U-bolt Mounting Kits

Installation and Owner's Manual

(For Aftermarket Applications)

Table of Contents

Introduction 2
Safety 2
Resources Required 2
Installation 3
U-Bolt Torque Guide 3
Notes 4

RV U-bolts & Nut Kits and U-bolt Mounting Kits

Installation and Owner's Manual

(For Aftermarket Applications)

Introduction

Additional information about this product can be obtained from lci1.com/support or by using the LippertNOW app. Replacement kits can be ordered from https://store.lci1.com/ or by using the LippertNOW app.

The LippertNOW app is available for free on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

App Store® and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For additional support on this product, scan this QR code or go to: https://support.lci1.com/suspension-parts

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

THE "WARNING" SYMBOL ABOVE IS A SIGN THAT A PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE DEATH OR SERIOUS PERSONAL INJURY IF NOT PERFORMED SAFELY AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ WARNING

FAILURE TO FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS INJURY, RV DAMAGE OR VOIDING OF THE COMPONENT WARRANTY.

⚠ WARNING

LIFT RV BY THE FRAME. NEVER LIFT THE RV BY THE AXLE OR SUSPENSION. DO NOT GO UNDER THE RV UNLESS IT IS PROPERLY SUPPORTED BY JACK STANDS. UNSUPPORTED RVS CAN FALL, CAUSING DEATH OR SERIOUS INJURY.

⚠ WARNING

PROPER AND ACCURATE TORQUE MUST BE MAINTAINED TO PREVENT U-BOLTS FROM LOOSENING, STUDS FROM CRACKING AND/OR BREAKING OR OTHER POSSIBLE HAZARDOUS BREAKAGE THAT MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY, OR SEVERE PRODUCT OR PROPERTY DAMAGE.

⚠ WARNING

WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) WHEN PERFORMING SERVICE OR MAINTENANCE OPERATIONS. ALWAYS WEAR EYE PROTECTION WHEN SERVICING RV AXLES, BRAKES, HUBS, SPRINGS AND WHEELS. NOT USING PPE MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH. MAKE SURE WORK SPACE IS CLEAN AND FREE OF SLIP OR TRIP HAZARDS.

⚠ CAUTION

THE "CAUTION" SYMBOL ABOVE IS A SIGN THAT A SAFETY RISK IS INVOLVED AND MAY CAUSE PERSONAL INJURY AND/OR PRODUCT OR PROPERTY DAMAGE IF NOT SAFELY ADHERED TO AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ CAUTION

MOVING PARTS CAN PINCH, CRUSH OR CUT. KEEP CLEAR AND USE CAUTION.

Resources Required

- Torque Wrench, 400 ft-lbs (542 Nm) rated
- Floor jack stands

RV U-bolts & Nut Kits and U-bolt Mounting Kits

Installation and Owner's Manual

(For Aftermarket Applications)

Installation

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

⚠ WARNING

LIFT RV BY THE FRAME. NEVER LIFT THE RV BY THE AXLE OR SUSPENSION. DO NOT GO UNDER THE RV UNLESS IT IS PROPERLY SUPPORTED BY JACK STANDS. UNSUPPORTED RVS CAN FALL, CAUSING DEATH OR SERIOUS INJURY.

2. Remove nuts from U-bolts and remove U-bolts from axle beam (Fig. 1).

3. Install new U-bolts.

NOTE: Always use new hardware when replacing parts. Do not re-use removed hardware, due to the possibility of deformation of parts from the previous torque.

4. First, hand-tighten all nuts, a few turns at a time, to ensure that the bolts are even prior to torquing to full specs. Then, torque U-bolt nuts to values listed in the U-Bolt Torque Guide chart.

⚠ WARNING

PROPER AND ACCURATE TORQUE MUST BE MAINTAINED TO PREVENT U-BOLTS FROM LOOSENING, STUDS FROM CRACKING AND/OR BREAKING OR OTHER POSSIBLE HAZARDOUS BREAKAGE THAT MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY, OR SEVERE PRODUCT OR PROPERTY DAMAGE.

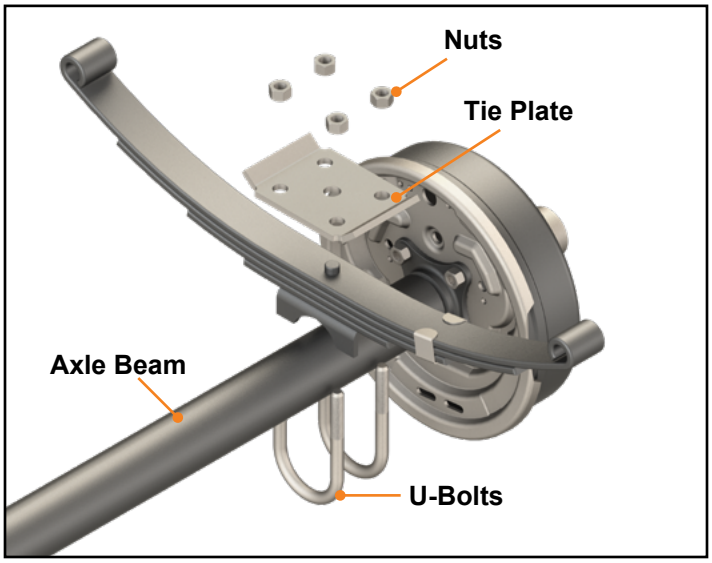


Fig.1

U-Bolt Torque Guide	Imperial	Metric
2K Axle	35 ft-lbs	47.5 Nm
3.5K Axle with ½" U-Bolt	50 ft-lbs	68 Nm
5.2K Axle	65 ft-lbs	88 Nm
6K - 8K Axle	90 ft-lbs	122 Nm
7K - 8K Axles with overslung spring orientation equipped with silver zinc U-Bolts	145 ft-lbs	196.5 Nm
10K Axle	95 ft-lbs	129 Nm
12K - 16K Axle	115 ft-lbs	156 Nm

Notes

Manual information may be distributed as a complete document only, unless Lippert provides explicit consent to distribute individual parts.

All manual information is subject to change without notice. Revised editions will be available for free download at lippert.com. Manual information is considered factual until made obsolete by a revised version.

Please recycle all obsolete materials and contact Lippert with concerns or questions.