



How to Repair a Stuck Trailer Jack

This guide will show how to disassemble a trailer jack that is stuck or inoperable.

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INTRODUCTION

If your trailer jack is not operating correctly or stuck from corrosion or rust, this guide will show you how to disassemble the trailer jack and remove the rust that causes the trailer jack to become stuck or inoperable.

The trailer jack is consisted of two assemblies. The upper assembly that is used for support and protection of the screw assembly. The lower assembly contains the foot of the jack and the screw assembly of the jack. The screw is made of steel and over time will build up rust and cause the jack to not operate or become stuck.

Before using this guide, be sure to safely support the trailer that the jack is being removed from. This guide also includes the use of a die-grinder and eye and hand protection is suggested in the use of this equipment.



TOOLS:

- [19 mm Box End Wrench](#) (1)
- [1/2" Wrench](#) (2)
- [Hammer](#) (1)
- [Angle Grinder](#) (1)


Sanding pad and steel wire brush wheel

- [Anti-Seize Lubricant](#) (1)
- [Spray Paint + Primer](#) (1)

Step 1 — How to Repair a Stuck Trailer Jack




- Remove the trailer jack from trailer.
- Use a 19mm box end wrench to remove the 19mm hex head bolt that secures the jack to the trailer.
- Slide the jack off the trailer to remove.

 Be sure to safely support the trailer before removing (With a vehicle or jack stands).

Step 2



- Remove the nut and bolt that secures the handle to the jack.
 - Use two half-inch box end wrenches to remove the half-inch bolt and nut.
 - Slide the handle upward after removing the nut and bolt to remove the handle.
 - Set the handle aside.
-  Screw the jack to the most extended spot the jack will go.

Step 3



- Lift the spacer or washer upward.
- Set the washer aside.

Step 4



- Turn the jack upside down and use a hammer to gently slide the upper assembly off the lower assembly.
- Set the upper assembly aside.

Step 5



- Begin to remove the rust and corrosion using a die-grinder and steel wire wheel.

Step 6



- Apply grease or anti-seize lubricant to the screw assembly.
- ⓘ Screw the screw assembly to full extension and shortest extension to ensure lubricant reaches every section of the screw assembly.

Step 7



- Remove rust and corrosion from the upper and lower assemblies of the jack using a die-grinder and sanding pad.

Step 8



- Paint the upper and lower assemblies for prevention of future rust and corrosion.

Step 9



- During re-assembly, align the notch on the upper assembly to the groove on the lower assembly.

Step 10



- Use a hammer to force the upper assembly over the lower assembly.
- ⓘ Be sure to align the groove and notch of the assemblies.

Step 11



- Install the washer and the jack handle over the stud of the jack.
- Insert the bolt through the handle and the hole located on the stud.

Step 12



- Install the jack to the trailer and test for correct operation.

To reassemble your device, follow these instructions in reverse order.