



## **Greasable Walking Tandem Instruction Kit**

**LANDOLL CORPORATION**

1900 North Street

Marysville, Kansas 66508

(785) 562-5381

**800-428-5655 ~ WWW.LANDOLL.COM**



# Walking Tandem Instructions

---

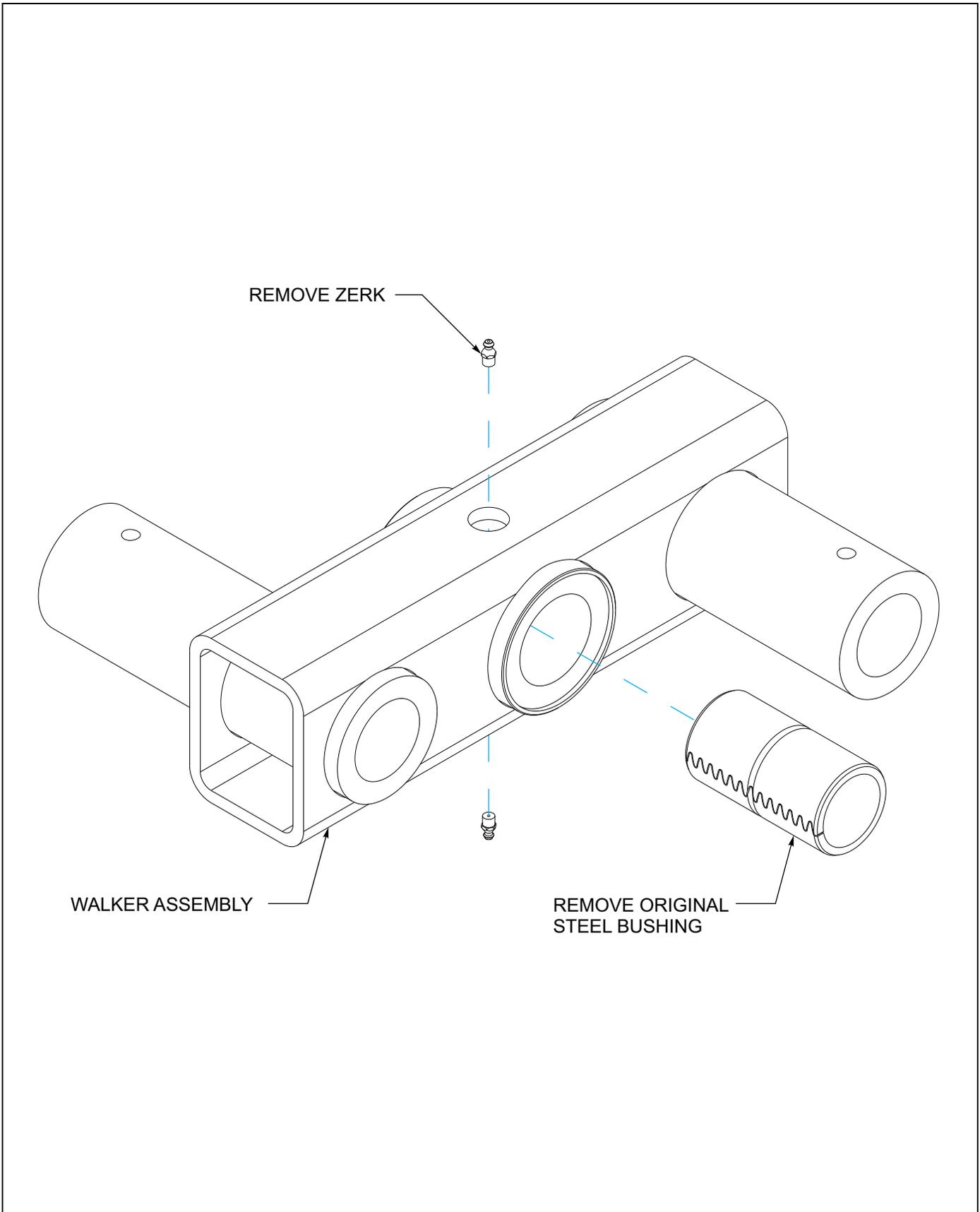
## Walking Beam Disassembly

1. Loosen lug nuts on tires and remove both inner and outer tire and wheel assemblies from the walking tandem.
2. Remove walking tandem from axle leg. Remove 1-1/2" nut and pull pin out to let the walking tandem assembly come loose. A new pin is supplied with the update, but do not swell the end of the threads to where they will not go through the axle leg by *hammering* on them. Use caution as the walker with the hubs installed is heavy once the pin comes out.
3. Remove the grease zerks from the walking beam.
4. With the appropriate driver, remove the steel insert bushing from the walking beam **(See Figure 1-1.)** Penetrating oil can be sprayed down the zerk holes to aid in removal. The steel bushing is split on the side with the zig zag edge and can be carefully cut with an oxy/acetylene torch on the other to remove the bushing if necessary.
5. Clean out all rust and scale left in the inner bore with a honing tool of some sort. We recommend a ball style hone.
6. Use 7/16" drill bit to drill out zerk holes and tap to 1/2-13 threads using the bit & tap that is provided.



### CAUTION

**Use care in removing the bushing to not damage the inner bore of the walker as the new bushing needs to be installed by hand.**



**Figure 1-1: Walking Beam Disassembly**

## Bushing and Set Screw Installation

1. Install set screws to verify they go completely through the hole and can contact the bushing (See **Figure 1-2.**)
2. Clean/blow out all contaminants and apply some lubricant to the new bushing and it should be able to be pushed in by hand. If it takes much more force than this pull it out and see if there are any obstructions.
3. Once bushing is installed, center it up on the walking beam, align the holes in walking beam and tandem pivot bushing.
4. Apply loctite to set screws.
5. Install set screws and tighten down to contact the bushing and snug them up. Do not over tighten as this makes it harder to install chrome spindle.
6. Install double lip seals as shown. Sealing lips will face outward on each side.
7. Install set screw with zerk on top of walker..

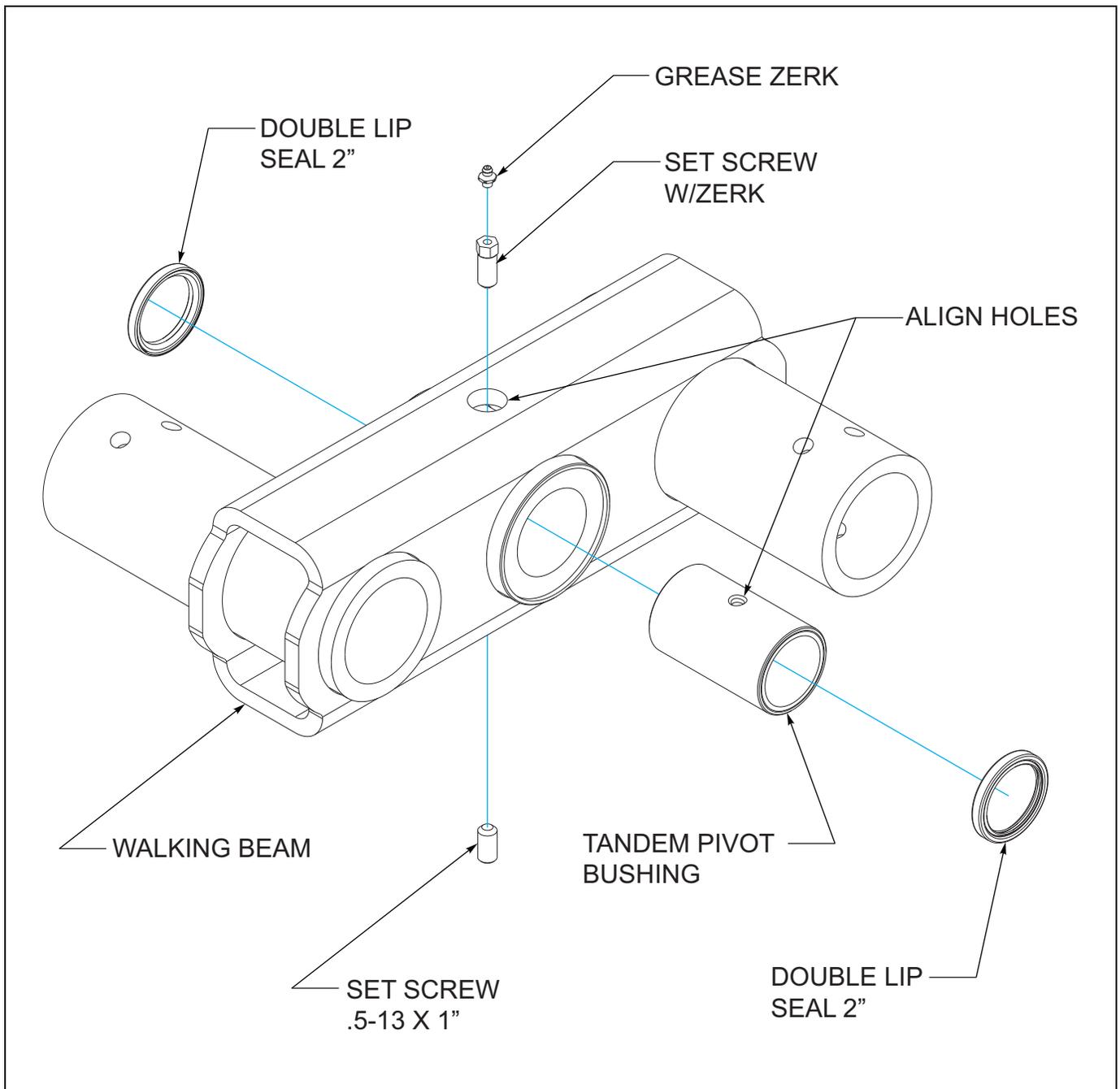


Figure 1-2: New Walking Beam Assembly

### Walking Beam Reassembly

1. Using new pivot pin, apply a light coat of grease to the blue bearings to help with assembly.
2. Align walking beam with axle leg, check to be sure the hubs are in the correct orientation front to rear. **(See Figure 1-3.)**
3. Install thrust washers into walking beam and lift into place to insert pivot pin.

#### **NOTE**

*We recommend using a floor jack or overhead hoist for this as the holes need to match up close to avoid seal damage when starting the pin.*

4. By putting the cross pin into the pivot pin it allows more leverage to turn the pin and push to get it started. Once started and through the first seal, a dead blow type hammer may be lightly used to finish installation. The walker may need to be supported some as the threaded side of the pin starts to come out to avoid thread damage.
5. Install the slotted nut on the pivot pin and tighten to 750 to 900 ft-lbs and install roll pin to prevent it from backing off **(See Figure 1-3.)**
6. Snug up set screws a little more to secure bushing, now that pin is installed.
7. Grease zerk until resistance is felt against seals or a small amount of grease purges.
8. Reinstall tire/wheel assembly torquing nuts to the value stated in the operators manual.
9. Grease walker pivot at 50 hour intervals.

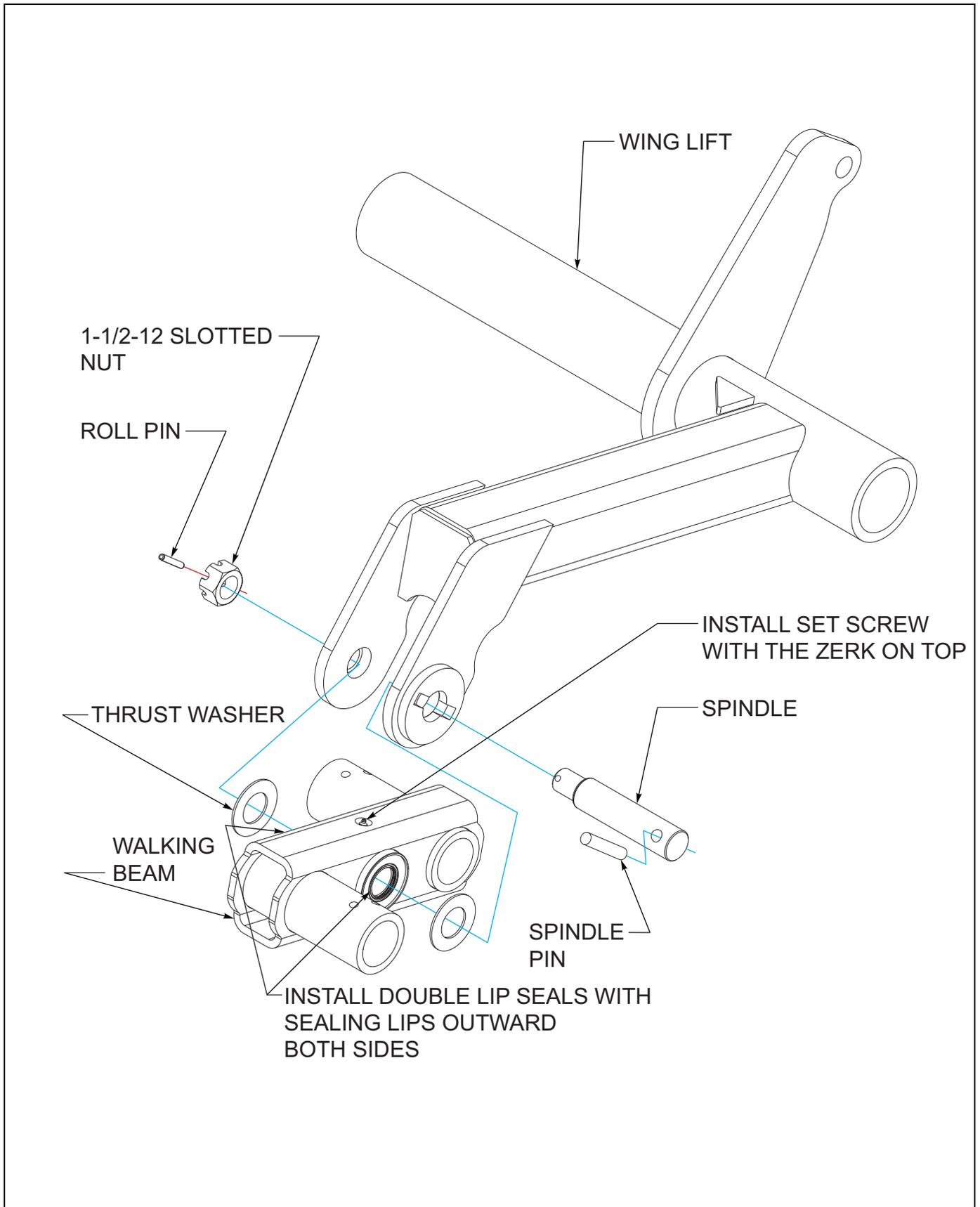


Figure 1-3: Walking Beam Reassembly





**Intertek**

Equipment from Landoll Corporation is built to exacting standards ensured by ISO 9001 registration at all Landoll manufacturing facilities.

## Greasable Walking Tandem Instruction Kit

Re-Order Part Number F-847-0518

### **LANDOLL CORPORATION**

1900 North Street

Marysville, Kansas 66508

(785) 562-5381

**800-428-5655 ~ WWW.LANDOLL.COM**



Copyright 2018. Landoll Corporation

“All rights reserved, including the right to reproduce this material or portions thereof in any form”

