

FIETH WHEELS

SIMPLEX® SERIES and CASTLOC® SERIES Lock Replacement

Check the components of this package. The following parts should be included in this kit. If you didn't receive an item, please contact your dealer or distributor.

Part Description	Qty.
Lock	1
Lock Spring	1
Cover Plate	1
Lever Bar	1
Lever Bar Pin	1
Cotter Pin	1

Disassembly

1. Lock the fifth wheel jaw mechanism using a bar (Figure 1).



Figure 1

CAUTION The lock is spring-loaded. To avoid injury, keep hands away from lock and jaw. Use a bar to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the extended operating rod handle, as it retracts rapidly.

2. Remove the clinch pins and the bracket pins at both sides (Figure 2). The bracket pins may need to be removed by tapping with a hammer.



Figure 2

(Mounting Brackets not shown)

3. If the pins are difficult to remove, compress the fifth wheel down against the mounting bracket trunnions with a clamp or other suitable means

(for example, placing it under a light trailer), to relieve the upward pressure on the bracket pins, due to the polyurethane shoes and pads.

4. Using a chain hoist, carefully turn over the fifth wheel plate assembly to expose its underside.

DO NOT use the operating handle to move or lift the fifth wheel.

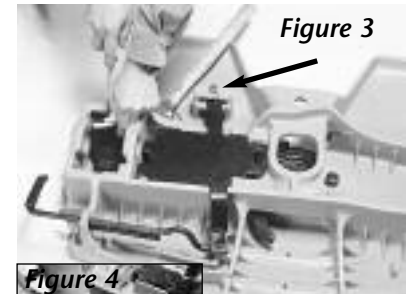


Figure 3

5. Remove the cotter pin and lever bar pin (Figure 3).

6. Take the slotted spring pin out of the operating rod and remove the rod. For some older models, remove the cotter pin and washer and then remove the operating rod (Figure 4).



Figure 4

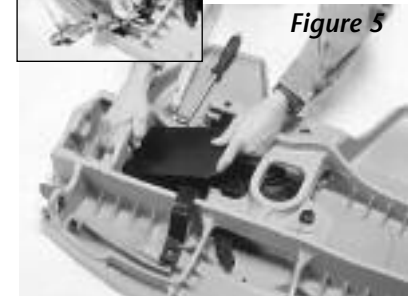


Figure 5

CAUTION The lock spring is under compression.

7. Slide the cover plate back until clear of top plate tabs, lift and remove. For other models, slide the cover plate tabs further into the bracket pocket slots (remove poly shoe) until clear of top plate tabs, lift and remove (Figure 5).



Figure 6

8. Slide the lever bar forward, lift and remove (not shown).
9. Carefully lift up on the lock and lock spring and remove (Figure 6).
10. Clean any build up of grease and dirt from the lock pocket area and components.

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Reassembly

1. Lubricate the top plate lock area and the locking mechanism parts. Reassemble the parts in the reverse order of disassembly.
2. When installing the lock and lock spring, install them as a unit. Place them into the fifth wheel with the lock seated and the lock spring partially sticking up. Push down on the lock spring and lock to get both pieces in place.

Additional service information is available in Holland's Simplex Maintenance and Rebuilding Manual (XL-FW456) available on the website.



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Holland USA, Inc. Facilities:

Dumas, AR Muskegon, MI
Holland, MI Warrenton, MO
Monroe, NC Wylie, TX

Ph: 888-396-6501 Fax: 800-356-3929

Holland International, Inc.

Holland, MI
Phone: 616-396-6501
Fax: 616-396-1511

Holland Hitch of Canada, Ltd.

Woodstock, Ontario • Canada
Phone: 519-537-3494
Fax: 800-565-7753

Holland Equipment, Ltd.

Norwich, Ontario • Canada
Phone: 519-863-3414
Fax: 519-863-2398

Holland Hitch of Canada, Ltd.

Surrey, British Columbia • Canada
Phone: 604-574-7491
Fax: 604-574-0244