



GO THE DISTANCE.

FIFTH WHEELS

SIMPLEX, SIMPLEX LITE (Straight Pull), SIMPLEX II, SIMPLEX II RH & SIMPLEX Right-Hand 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 jaw mechanism using a bar or block (Figure 1).



Figure 1

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

2. Remove the bracket pin clinch pins and the bracket pins at both sides (Figure 2).



Figure 2

3. If the pins are difficult to remove, compress the fifth wheel downward against the mounting bracket trunnions with a clamp or any other suitable means (for example, placing it under a light trailer), to relieve the load on the bracket pins.

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.

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

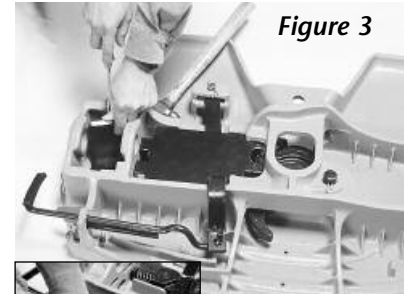


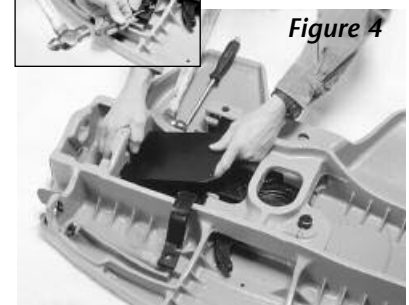
Figure 3

6. Drive the slotted spring pin out of the operating rods and remove the rod. For the Simplex Right-Hand, remove the cotter pin and washer and then remove the operating rod (Figure 3).



Figure 4

7. Slide the cover plate back until clear of tabs, lift and remove. For the SIMPLEX and SIMPLEX LITE (Straight Pull), slide the cover plate tab further into the bracket pocket slots, lift and remove (Figure 4).



CAUTION Remove the cover plate slowly. The lock spring is under compression.

8. Slide the lever bar forward, lift and remove (not shown).
9. Carefully lift up on the lock and lock spring and remove (Figure 5).



Figure 5

CAUTION The lock spring is under compression.

10. Clean up any build up of grease and dirt from the lock pocket on the top plate.

continued on back

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Reassembly

1. Lubricate the fifth wheel 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 together as a unit. Place the lock and lock spring into the fifth wheel lock pocket with the lock down and the lock spring up. Push down on the lock to snap both pieces in place.



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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