



GO THE DISTANCE.

# FIETH SIMPLEX LITE (Rotary Pull) and SIMPLEX IIR Lock Replacement WHEELS

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    |
| Lever Retainer Plate<br>(Simplex IIR only) | 1    |

### Disassembly

1. Lock the fifth wheel jaw 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 (and the lever bar retainer plate on the Simplex IIR only) (Figure 3).

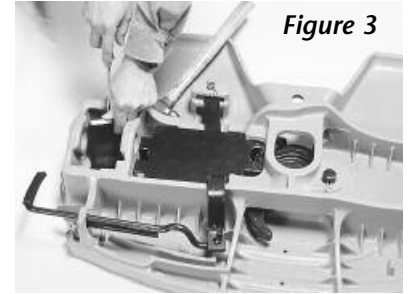


Figure 3

6. Slide the cover plate tabs further into the bracket pocket slots, lift and remove (Figure 4).

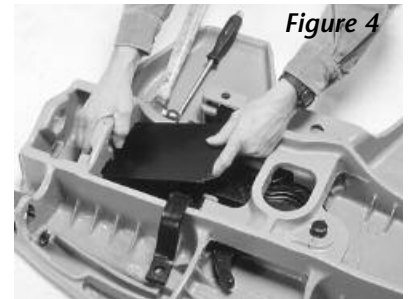


Figure 4

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

**NOTE:** The lever bar and the operating rod must be removed as a unit.

7. Slide the lever bar forward, lift and disconnect it from the operating rod (Figure 5). Remove the operating rod.



Figure 5

8. Carefully lift up on the lock and lock spring and remove (Figure 6).



Figure 6

**CAUTION** The lock spring is under compression.

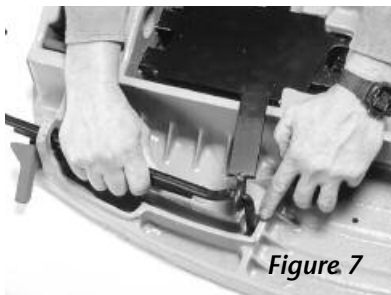
10. Clean up any build up of grease and dirt from the lock pocket on the top plate.

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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. Be sure that the operating rod is in its track and moves freely (*Figure 7*). Test the fifth wheel for proper operation.



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