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› [HD Switch](#) /

› HD Switch Front Wheel Hardware Kit Instruction Manual for Husqvarna LT Series Lawn Tractors

## HD Switch LT2217, LT2223, LT2227, LT2316, LT2317, LT2318

# HD Switch Front Wheel Hardware Kit Instruction Manual

For Husqvarna LT2217, LT2223, LT2227, LT2316, LT2317, LT2318 Lawn Tractors

## 1. PRODUCT OVERVIEW

This HD Switch Front Wheel Hardware Kit provides replacement components for the front wheels of specified Husqvarna lawn tractor models. The kit includes essential hardware such as thrust washers, standard washers, E-clips, and hub caps, designed to secure the front wheels effectively. This kit does not include bearings or wheel rims.

### 1.1. What's Included

The kit contains the following components:

- Thrust Washers
- Standard Washers
- E-Clips
- Hub Caps



Image 1.1: All components included in the HD Switch Front Wheel Hardware Kit.



Image 1.2: Exploded view illustrating the placement of hardware components. Note that the wheel rim and bearings are not included in this kit.

## 2. INSTALLATION GUIDE

Before beginning installation, ensure the lawn tractor is turned off, the spark plug wire is disconnected, and the parking brake is engaged. For safety, wear appropriate personal protective equipment, such as gloves and eye protection. Refer to your Husqvarna lawn tractor's owner's manual for specific wheel removal and installation procedures.

### 2.1. Required Tools (Not Included)

- Jack or lift to safely raise the front of the tractor
- Wheel chocks
- Pliers or E-clip removal tool
- Grease (optional, for axle lubrication)

### 2.2. Step-by-Step Installation

1. **Prepare the Tractor:** Safely raise the front of the lawn tractor using a jack or lift. Secure the tractor with jack

stands and place wheel chocks under the rear wheels to prevent movement.

2. **Remove Old Hardware:** Carefully remove the existing hub cap, E-clip, washers, and any other hardware from the front wheel axle. Note the order of components for reassembly.
3. **Inspect Axle and Bearings:** Clean the axle shaft. Inspect the wheel bearings (not included in this kit) for wear or damage. Replace bearings if necessary before installing new hardware.
4. **Install Thrust Washers:** Place the appropriate thrust washers onto the axle shaft. These typically go against the wheel hub to reduce friction.



Image 2.1: Thrust washers, designed to reduce friction.

5. **Install Standard Washers:** Position the standard washers as required by your tractor's assembly. These help distribute load and provide proper spacing.



Image 2.2: Standard flat washers for spacing and load distribution.

6. **Secure with E-Clip:** Once all washers are in place, install a new E-clip into the groove on the axle shaft. Ensure the E-clip is fully seated and secure to prevent the wheel from detaching.



Image 2.3: E-clips, used to secure components on the axle shaft.

7. **Install Hub Cap:** Press the new hub cap firmly onto the end of the axle, covering the E-clip and other hardware.



Image 2.4: Black plastic hub caps, providing protection and a finished look.

8. **Test and Lower:** Gently rotate the wheel to ensure it spins freely without excessive wobble. Lower the tractor safely and remove wheel chocks.

### 3. MAINTENANCE

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Regular inspection of your front wheel hardware can extend its lifespan and ensure safe operation of your lawn tractor.

- **Periodic Inspection:** Annually, or more frequently with heavy use, remove the hub caps and inspect the E-clips and washers for wear, corrosion, or damage.
- **Lubrication:** If your axle has grease fittings, apply appropriate grease as recommended by your tractor's manufacturer. If not, a light coating of grease on the axle shaft during installation can help prevent corrosion and facilitate smoother operation.
- **Cleanliness:** Keep the wheel assembly area free of debris, grass clippings, and dirt, which can accelerate wear.

### 4. TROUBLESHOOTING

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If you encounter issues after installing the hardware kit, consider the following:

- **Wheel Wobble:** If the wheel wobbles excessively, check that the E-clip is fully seated in its groove and that all washers are correctly positioned. Worn wheel bearings (not part of this kit) are a common cause of wobble and should be inspected.

- **Difficulty Spinning:** Ensure no components are binding. Verify that the thrust washers are correctly placed to allow free rotation. Over-tightening or incorrect placement of components can restrict movement.
- **Hardware Falling Off:** This indicates the E-clip was not properly installed or is damaged. Ensure the E-clip snaps securely into the axle groove.
- **Unusual Noises:** Squeaking or grinding noises often point to worn bearings or lack of lubrication. This hardware kit does not address bearing issues.

## 5. PRODUCT SPECIFICATIONS

| Specification       | Detail                                                   |
|---------------------|----------------------------------------------------------|
| Brand               | HD Switch                                                |
| Product Type        | Front Wheel Hardware Kit                                 |
| Compatible Models   | Husqvarna LT2217, LT2223, LT2227, LT2316, LT2317, LT2318 |
| UPC                 | 695783920241                                             |
| Components Included | Thrust Washers, Standard Washers, E-Clips, Hub Caps      |
| Bearings            | Not Included                                             |

## 6. WARRANTY AND SUPPORT

For information regarding returns or product support, please contact HD Switch directly or refer to the retailer's return policy where the product was purchased. Typically, products are eligible for return within 30 days of purchase, subject to the seller's terms and conditions.

**Manufacturer:** HD Switch

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