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› Husqvarna TS 146 Lawn Tractor User Manual

Husqvarna 960430346

Husqvarna TS 146 Lawn Tractor User Manual

Model: 960430346

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Husqvarna TS 146 Lawn Tractor. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The Husqvarna TS 146 is a powerful lawn tractor designed for efficient lawn care, featuring a 46-inch stamped deck and a Briggs series engine. Its reinforced steel deck and Air Induction technology contribute to a superior quality cut. The design prioritizes user comfort with a top-of-the-line seat and ergonomic steering wheel.

SAFETY INFORMATION

Always prioritize safety when operating the lawn tractor. Familiarize yourself with all safety decals on the machine and follow all instructions in this manual. Failure to do so can result in serious injury or death.

- Read the entire manual before operation.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Never allow children or untrained individuals to operate the tractor.
- Operate only in daylight or good artificial light.
- Clear the area of debris before mowing.
- Do not operate on steep slopes.
- Turn off the engine and remove the key before performing any maintenance or clearing blockages.

SETUP AND ASSEMBLY

Your Husqvarna TS 146 Lawn Tractor may require some assembly upon delivery. Refer to the separate assembly

guide for detailed instructions. Key setup steps include:

1. **Unpacking:** Carefully remove all packaging materials and inspect for any shipping damage.
2. **Wheel Installation:** Attach wheels if they are not pre-installed, ensuring lug nuts are tightened to specifications.
3. **Battery Connection:** Connect the battery terminals. Ensure correct polarity (red to positive, black to negative).
4. **Steering Wheel Assembly:** Securely attach the steering wheel.
5. **Seat Adjustment:** Adjust the seat to a comfortable and safe operating position.
6. **Fluid Checks:** Before first use, check engine oil level, fuel level, and tire pressure.



Figure 1: Front-side view of the Husqvarna TS 146 Lawn Tractor. This image shows the overall design, including the orange body, black seat, and cutting deck.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your lawn tractor.

Starting the Engine

1. Ensure the parking brake is engaged.
2. Place the PTO (Power Take-Off) lever in the disengaged position.
3. Insert the ignition key.
4. If the engine is cold, apply choke as needed.
5. Turn the key to the START position and release once the engine starts.

Driving and Mowing

- **Transmission:** The tractor features a K46 Tuff Torq Hydrostatic Transmission for smooth operation.
- **Speed Control:** Control ground speed up to 5 mph forward and 2 mph reverse.
- **Engaging Blades:** Once in the mowing area, engage the PTO lever to start the 46-inch, 2-blade mower deck.

- **Cutting Height:** Adjust the cutting height using the deck lift lever to suit your lawn's needs.
- **Fuel Capacity:** The fuel tank has a 3-gallon capacity. Use fresh, clean gasoline.



Figure 2: Rear view of the Husqvarna TS 146 Lawn Tractor. This view highlights the rear wheels, the back of the seat, and the cutting deck mechanism.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your Husqvarna TS 146. Always turn off the engine, remove the key, and allow the machine to cool before performing any maintenance.

Routine Checks

- **Engine Oil:** Check oil level before each use. Change oil and filter according to the engine manufacturer's recommendations (typically every 25-50 operating hours).
- **Air Filter:** Inspect and clean the air filter regularly. Replace if damaged or excessively dirty.
- **Spark Plug:** Inspect and clean the spark plug annually or every 100 hours. Replace if worn.
- **Blades:** Inspect mower blades for sharpness and damage before each use. Sharpen or replace as needed.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and even cutting.
- **Cleaning:** Keep the cutting deck and engine area free of grass clippings and debris.

Storage

For extended storage, especially during off-season:

- Clean the tractor thoroughly.
- Add fuel stabilizer to the fuel tank or drain the fuel system completely.
- Remove the battery and store it in a cool, dry place, keeping it charged.
- Store in a dry, protected area.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Dead battery; Spark plug issue; Safety switch engaged	Check fuel level; Charge/replace battery; Inspect/replace spark plug; Ensure PTO is disengaged and brake is on
Poor cut quality	Dull blades; Incorrect cutting height; Uneven tire pressure	Sharpen/replace blades; Adjust cutting height; Check and adjust tire pressure
Engine runs rough	Dirty air filter; Stale fuel; Fouled spark plug	Clean/replace air filter; Drain old fuel and add fresh; Clean/replace spark plug

If the problem persists after attempting these solutions, please contact authorized Husqvarna service personnel.

SPECIFICATIONS

Key technical specifications for the Husqvarna TS 146 Lawn Tractor (Model: 960430346):

- **Engine:** 22HP Briggs EXi series engine
- **Power Source:** Gas Powered
- **Cutting Deck:** 46-Inch Stamped, 2-Blade Mower Deck
- **Transmission:** K46 Tuff Torq Hydrostatic Transmission
- **Fuel Capacity:** 3 gallons
- **Ground Speed (Forward):** 5 mph
- **Ground Speed (Reverse):** 2 mph
- **Material:** Metal construction
- **Color:** Orange
- **Item Weight:** 456 Pounds
- **Product Dimensions (LxWxH):** 70"D x 48"W x 45"H
- **UPC:** 193028786183

WARRANTY AND SUPPORT

For warranty information, please refer to the separate warranty document included with your purchase or visit the official Husqvarna website. Keep your proof of purchase for warranty claims.

For technical support, parts, or service, please contact your authorized Husqvarna dealer or visit the Husqvarna support portal online. When contacting support, please have your model number (960430346) and serial number ready.

Husqvarna Official Website: www.husqvarna.com



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