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› Craftsman 56V MAX* 42" Premium Brushless Riding Lawn Mower User Manual

CRAFTSMAN 33ABA7PS793

Craftsman 56V MAX* 42" Premium Brushless Riding Lawn Mower User Manual

Model: 33ABA7PS793

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Craftsman 56V MAX* 42" Premium Brushless Riding Lawn Mower. Please read this manual thoroughly before operating the mower to ensure proper use and to prevent injury or damage.

The Craftsman 56V MAX* 42" Riding Lawn Mower is designed for efficient and quiet lawn maintenance. Powered by a 60Ah Lithium-Ion battery, it features three brushless motors, a 42-inch stamped steel deck, cruise control, and LED headlights for versatile use.



Figure 1.1: Front view of the Craftsman 56V MAX* 42" Premium Brushless Riding Lawn Mower. This image shows the overall design, including the red body, black accents, and front LED headlights.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Operator Safety:** Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear. Never operate the mower under the influence of drugs or alcohol.
- **Area Preparation:** Clear the mowing area of objects such as rocks, toys, and debris that could be thrown by the blades. Keep bystanders, especially children and pets, away from the operating area.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Mow across the face of slopes, not up and down. Avoid sudden starts or stops.
- **Battery Safety:** Use only the specified charger for the 56V MAX* 60Ah Lithium-Ion battery. Do not expose the battery to water, extreme temperatures, or direct sunlight. Do not attempt to open or modify the battery pack.
- **Blade Safety:** Never place hands or feet near rotating parts or under the mowing deck. Disconnect the battery and

ensure blades have stopped completely before performing any maintenance or clearing blockages.

- **Quiet Operation:** This electric mower operates significantly quieter than gasoline mowers. Be aware of your surroundings and the presence of others, as they may not hear the mower approaching.

3. ASSEMBLY AND SETUP

Your Craftsman riding mower requires some assembly before initial use. Follow these steps carefully.

3.1 Unpacking

Carefully remove all components from the packaging. Inspect for any shipping damage. Retain packaging materials until you are satisfied with the product.

3.2 Steering Wheel Installation

1. Align the steering wheel with the steering shaft.
2. Push the steering wheel firmly onto the shaft until it clicks into place.
3. Secure with the provided hardware, if applicable, following the specific instructions in your included assembly guide.

3.3 Seat Installation

1. Place the seat assembly onto the mower's seat mounting brackets.
2. Secure the seat using the provided bolts and nuts. Ensure the seat is firmly attached and does not wobble.

3.4 Battery Charging

The 60Ah Lithium-Ion battery may not be fully charged upon delivery. It is recommended to fully charge the battery before first use.

1. Locate the charging port on the side of the mower.
2. Open the charging port cover.
3. Connect the charger cable to the charging port.
4. Plug the charger into a standard electrical outlet.
5. Allow the battery to charge until the indicator lights on the charger or mower indicate a full charge. Refer to the charger's manual for specific charging indicators.
6. Once charged, disconnect the charger and close the charging port cover securely.



Figure 3.1: Close-up view of the charging port on the Craftsman riding mower. This image highlights the location and design of the port where the charger connects.



Figure 3.2: A person connecting the charger to the Craftsman riding mower's charging port. This demonstrates the process of plugging in the mower for battery charging.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before operating the mower.

4.1 Controls Overview



Figure 4.1: Detailed view of the Craftsman riding mower's dashboard, showing the steering wheel, display, and various control buttons including those for headlights and cruise control.

- **Ignition Key/Button:** Used to power on/off the mower.
- **Throttle/Speed Control:** Adjusts the ground speed of the mower.
- **Blade Engagement Lever:** Engages and disengages the cutting blades.
- **Cutting Height Adjustment:** Lever or knob to set the desired mowing height (42" deck).
- **Cruise Control:** Activates and deactivates the cruise control feature for consistent speed.
- **LED Headlights:** Button to turn the front LED headlights on or off for low-light operation.
- **Brake Pedal:** Engages the brake.

4.2 Starting the Mower

1. Ensure the blade engagement lever is in the disengaged position.
2. Sit firmly on the operator's seat. The mower has a safety switch that prevents operation unless an operator is seated.
3. Press the brake pedal.
4. Turn the ignition key or press the start button to power on the mower.

4.3 Mowing

1. Once the mower is running, release the brake.
2. Select your desired cutting height using the height adjustment lever.
3. Slowly engage the blade engagement lever.
4. Begin mowing at a comfortable and safe speed. Adjust speed as needed using the throttle control.
5. For consistent mowing on open areas, activate the cruise control feature.
6. When mowing in low-light conditions, activate the LED headlights.



Figure 4.2: A person operating the Craftsman 56V MAX* riding lawn mower in a grassy area. This image illustrates the mower in action, demonstrating its use in a typical lawn environment.

4.4 Stopping the Mower

1. Disengage the cutting blades.
2. Reduce the throttle/speed to the lowest setting.
3. Press the brake pedal to bring the mower to a complete stop.

4. Turn off the ignition.
5. Remove the key (if applicable) to prevent unauthorized use.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your mower.

5.1 Battery Care

- Always store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Charge the battery fully before long-term storage.
- Periodically check the battery charge during storage and recharge if necessary to maintain battery health.
- Only use the Craftsman-approved charger for your 56V MAX* 60Ah battery.

5.2 Deck and Blade Maintenance

- **Cleaning the Deck:** After each use, disconnect the battery and clean the underside of the 42" stamped steel deck to remove grass clippings and debris. This prevents buildup that can affect cutting performance.
- **Blade Inspection:** Regularly inspect the cutting blades for sharpness and damage. Dull or damaged blades should be sharpened or replaced by a qualified service technician.
- **Blade Replacement:** When replacing blades, ensure you use genuine Craftsman replacement parts to maintain balance and performance.



Figure 5.1: View of the underside of the Craftsman 42-inch mower deck, showing the cutting blades and the robust stamped steel construction. This area requires regular cleaning.

5.3 General Cleaning and Storage

- Keep the exterior of the mower clean by wiping it with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- Store the mower in a dry, covered area, protected from weather elements.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Mower does not start.	Battery not charged; Safety switch not engaged (operator not seated, brake not pressed); Blade engagement lever engaged.	Charge battery; Ensure operator is seated and brake is pressed; Disengage blade lever.
Poor cutting performance.	Dull or damaged blades; Deck clogged with grass; Mowing speed too fast; Cutting height too low for grass type.	Sharpen or replace blades; Clean underside of deck; Reduce mowing speed; Adjust cutting height.
Mower stops unexpectedly.	Battery charge low; Overload protection activated; Safety switch disengaged.	Recharge battery; Reduce load (e.g., raise cutting height, slow down); Ensure operator remains seated.
Headlights not working.	Headlights turned off; Electrical connection issue.	Press the headlight button; Contact customer support if issue persists.

7. SPECIFICATIONS

Feature	Specification
Brand	CRAFTSMAN
Model Number	33ABA7PS793
Power Source	Battery Powered
Battery Type	56V MAX* (60Ah) Lithium Ion
Cutting Width	42 Inches
Deck Material	Stamped Steel
Steering Radius	5" TURN TIGHT
Runtime (Max)	Up to 1.5 hours

Feature	Specification
Mowing Area (Max)	Up to 3.5 acres per charge
Operation Mode	Automatic
Item Weight	410 Pounds
Product Dimensions (D x W x H)	70"D x 52"W x 43"H
UPC	043033599226

8. WARRANTY AND SUPPORT

CRAFTSMAN products are built to last and are backed by a limited warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official CRAFTSMAN website. For technical assistance, replacement parts, or to locate an authorized service center, please contact CRAFTSMAN Customer Support:

- **Website:** www.craftsman.com
- **Phone:** Refer to your product's documentation for regional support numbers.

When contacting support, please have your model number (33ABA7PS793) and serial number ready.

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