

## Troy-Bilt TB30E XP

# Troy-Bilt TB30E XP Riding Mower User Manual

Model: TB30E XP (33AA27JDB66)

## IMPORTANT SAFETY INFORMATION

Read and understand all instructions before operating the mower. Failure to follow these instructions could result in serious injury or property damage.

- Always wear appropriate safety gear, including eye protection and sturdy footwear.
- Keep children and pets away from the operating area.
- Never operate the mower under the influence of drugs or alcohol.
- Inspect the area for debris (rocks, sticks, etc.) before mowing.
- Disconnect power and remove the key before performing any maintenance or clearing obstructions.

## PRODUCT OVERVIEW

The Troy-Bilt TB30E XP is a 56V MAX Lithium-Ion battery-powered compact riding mower designed for efficient and quiet lawn care. It features a 30-inch cutting deck and is capable of mowing up to 1 acre or running for up to 1 hour on a single charge.



**Figure 1:** Front-left view of the Troy-Bilt TB30E XP riding mower, showcasing its compact design and red and black color scheme.



Figure 2: Front view of the Troy-Bilt TB30E XP riding mower, highlighting the steering wheel and front bumper.

## SETUP AND INITIAL CHARGE

1. **Unpacking:** Carefully remove the mower and all components from the packaging. Inspect for any shipping damage.
2. **Assembly:** Follow the quick assembly guide for attaching the steering wheel and seat, if not pre-assembled. Ensure all fasteners are securely tightened before operation.
3. **Battery Charging:**

The mower is powered by a 56V MAX Lithium-Ion battery. Before first use, fully charge the battery to ensure optimal performance and runtime.



**Figure 3:** Close-up view of the charging port cover on the Troy-Bilt TB30E XP, located on the side of the mower.



**Figure 4:** The charging port of the Troy-Bilt TB30E XP with the cover open, showing the multi-pin connector.

- Locate the charging port, typically found on the side or rear of the mower.
  - Connect the charger to the mower's charging port.
  - Plug the charger into a standard electrical outlet.
  - Allow the battery to charge until the indicator lights show a full charge. This may take several hours for the initial charge.
4. **Pre-Operation Check:** Before each use, ensure tires are properly inflated, cutting blades are sharp and securely attached, and all safety features (e.g., seat switch, parking brake) are functional.

## OPERATING INSTRUCTIONS

### 1. Starting the Mower:

- Ensure the parking brake is engaged.
- Sit firmly in the operator's seat.

- Insert the key (if applicable) and turn it to the "ON" position.
- Engage the blade lever to start the cutting deck.

## 2. Adjusting Cutting Height:

The mower features multiple cutting height positions to suit various grass types and desired lengths.



**Figure 5:** Close-up of the cutting height adjustment lever on the Troy-Bilt TB30E XP, showing numbered settings from 1 to 5.

- Use the cutting height adjustment lever to select the desired grass length.
- Adjust the height before starting to mow.

## 3. Driving and Mowing:

- Release the parking brake.
- Use the foot pedals to control forward and reverse motion.
- Steer using the steering wheel.
- Mow at a safe and steady pace. Avoid sudden turns or stops, especially on slopes.
- The electric brushless motor ensures quiet operation, allowing for a more pleasant mowing experience.

## 4. Stopping the Mower:

- Disengage the blade lever.

- Apply the parking brake.
- Turn the key to the "OFF" position and remove it for safety.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Troy-Bilt TB30E XP riding mower. Always disconnect power and remove the key before performing any maintenance.

### After Each Use:

- **Cleaning:** Clean the cutting deck and exterior of the mower to remove grass clippings and debris. Use a damp cloth; avoid high-pressure water directly on electrical components.
- **Blade Inspection:** Check the cutting blades for sharpness and damage. Sharpen or replace as needed.
- **Battery Charge:** Recharge the battery after each use to ensure it's ready for the next mowing session.

### Seasonal Maintenance:

- **Battery Care:** For long-term storage, ensure the battery is fully charged and stored in a cool, dry place. Recharge periodically during the off-season to maintain battery health.
- **General Inspection:** Check all nuts, bolts, and fasteners for tightness. Lubricate moving parts as recommended in the full manual.

## TROUBLESHOOTING

| Problem                  | Possible Cause                              | Solution                                                                                        |
|--------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|
| Mower does not start     | Battery is low or dead                      | Charge the battery fully                                                                        |
| Mower does not start     | Parking brake not engaged                   | Engage parking brake                                                                            |
| Mower does not start     | Operator not seated correctly               | Ensure operator is seated firmly on the seat                                                    |
| Poor cutting performance | Dull or damaged blades                      | Sharpen or replace blades                                                                       |
| Poor cutting performance | Cutting height too low for grass conditions | Adjust cutting height to a higher setting                                                       |
| Reduced runtime          | Battery not fully charged or aging battery  | Fully charge battery; consider battery replacement if old and capacity is significantly reduced |

## SPECIFICATIONS

**Model:** TB30E XP (33AA27JDB66)

**Power Source:** 56V MAX Lithium-Ion Battery (30 Ah)

**Deck Size:** 30 inches

**Runtime:** Up to 1 hour or 1 acre per charge

**Motor Type:** Electric Brushless

**Manufacturer:** Troy-Bilt

**ASIN:** B0D53451BL

**First Available:** May 1, 2024

## WARRANTY INFORMATION

The Troy-Bilt TB30E XP riding mower and its battery are covered by a **3-Year limited warranty**. This warranty covers defects in material and workmanship under normal use.

Please refer to the official warranty document included with your product for full terms and conditions, including coverage details, limitations, and the process for making a warranty claim.

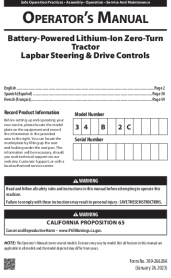
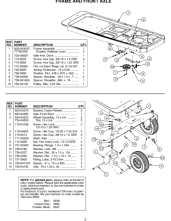
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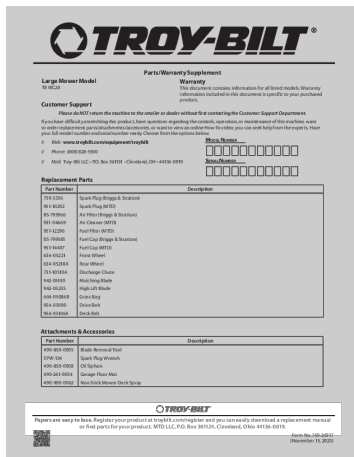
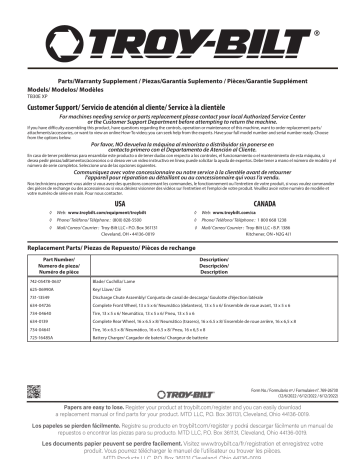
For technical assistance, replacement parts, or warranty claims, please contact Troy-Bilt customer support.

**Website:** Visit the official Troy-Bilt website for comprehensive FAQs, product registration, and support resources.  
[www.troybilt.com](http://www.troybilt.com)

**Phone:** Refer to your product packaging or the Troy-Bilt website for the most current customer service contact numbers.

When contacting support, please have your model number (TB30E XP) and ASIN (B0D53451BL) ready to expedite service.

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|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><a href="#">Troy-Bilt Zero-Turn Tractor Operator's Manual</a></p> <p>Operator's manual for Troy-Bilt battery-powered lithium-ion zero-turn tractors, covering safety, operation, assembly, and maintenance. Includes guidance on lapbar steering and battery care. Available in English, Spanish, and French.</p>                                                                                                                                           |
|    | <p><a href="#">Troy-Bilt TB360, TB370, TB380ES Premium Drive Self Propelled Mower Operator's Manual</a></p> <p>Comprehensive operator's manual for Troy-Bilt Premium Drive Self Propelled Mowers, models TB360, TB370, and TB380ES. Covers setup, safe operation, maintenance, and troubleshooting.</p>                                                                                                                                                        |
|    | <p><a href="#">Troy-Bilt Bronco &amp; TB46 Automatic Lawn Tractor Operator's Manual</a></p> <p>Comprehensive operator's manual for the Troy-Bilt Bronco and TB46 Automatic Lawn Tractor, covering safety, operation, maintenance, troubleshooting, and assembly. Essential guide for owners.</p>                                                                                                                                                               |
|  | <p><a href="#">Troy-Bilt Mustang ZT50 RZT Series Tractor Illustrated Parts Manual</a></p> <p>Comprehensive illustrated parts manual for the Troy-Bilt Mustang ZT50 RZT Series Tractor. This document details all components, part numbers, and assemblies for maintenance and repair, covering the frame, axles, electrical system, engine connections, operator controls, mower deck, and seat.</p>                                                           |
|  | <p><a href="#">Operator's Manual: Front Engine Lawn Tractor Safety, Operation, and Maintenance</a></p> <p>This operator's manual provides essential safety instructions, operating procedures, assembly guidance, and maintenance information for a front engine lawn tractor. It covers safe operation practices, troubleshooting, and service details to ensure proper use and longevity of the equipment.</p>                                               |
|  | <p><a href="#">Troy-Bilt Riding Mower Parts Diagrams and Assembly - Frame, Deck, Controls, Engine, Transmission</a></p> <p>Comprehensive illustrated parts list for Troy-Bilt riding mowers, detailing components for the frame, front axle, seat adjustment, electrical systems, operator's platform, controls, mower deck, engine connections, and hydro transmission. Includes part numbers, descriptions, and quantities for maintenance and assembly.</p> |



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Mower Product Riding Mowers, Troy-Bilt XP **TB30E XP** Riding Mowers, Troy-Bilt XP

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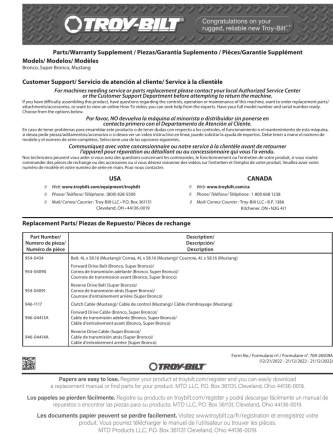
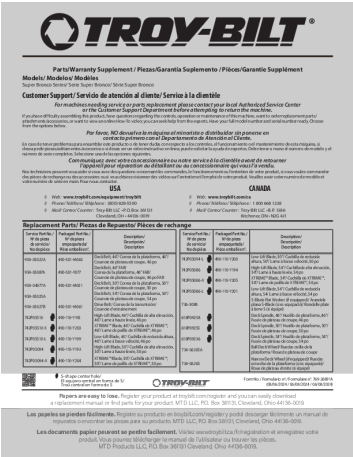
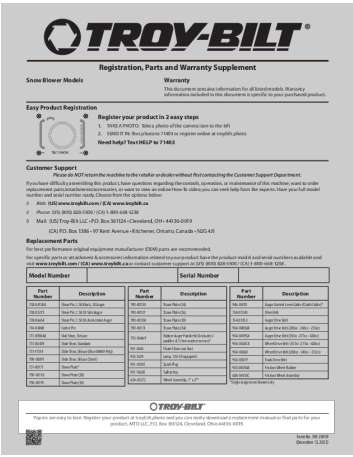
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Large Mower Model TB WC28 Customer Support Parts/Warranty Supplement  
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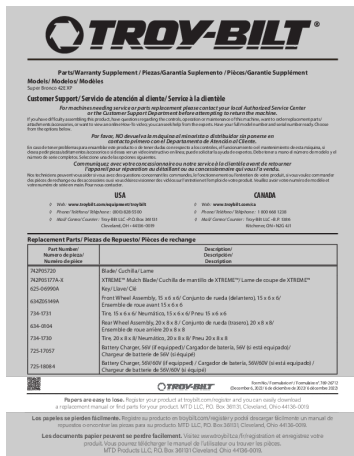
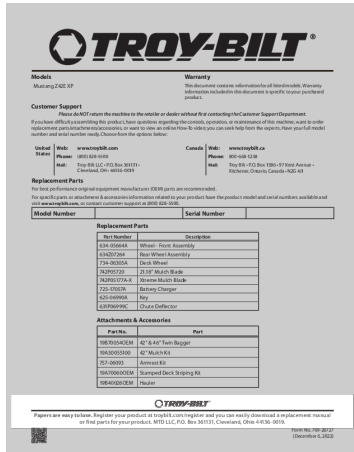
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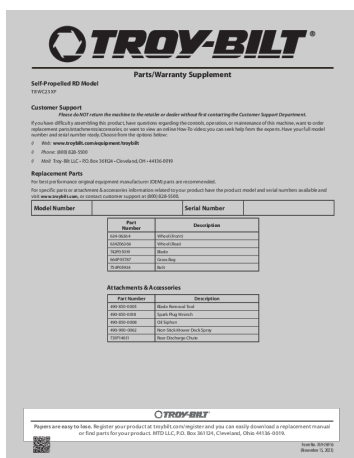
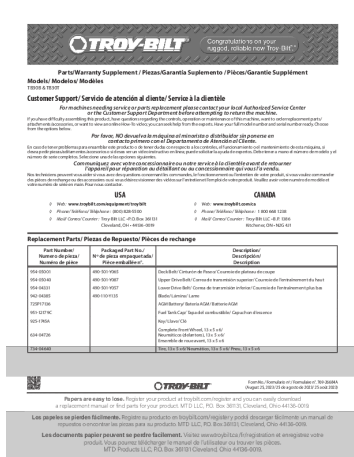
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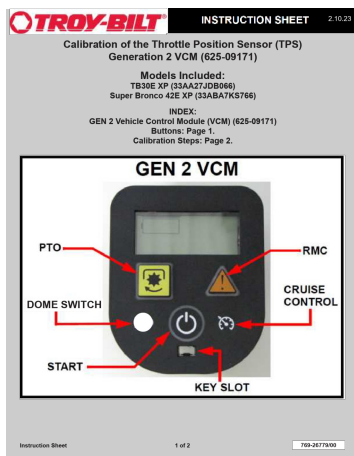
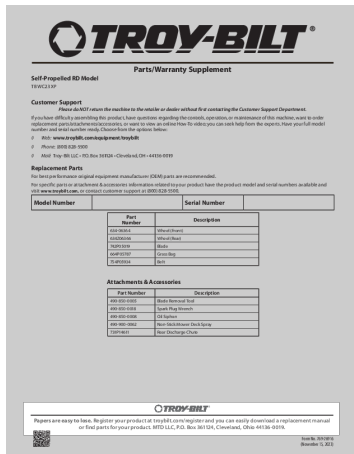
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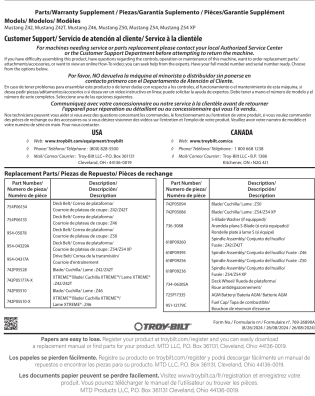
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 Calibration of the Throttle Position Sensor TPS Generation 2 VCM 625-09171 Models  
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 GEN 2 Vehicle Control Module VCM 625-09171 Buttons: Page 1. Calibration Steps:  
 Page 2. 2.10.23 DOME SWITCH Instruction Sheet 1 of 2...  
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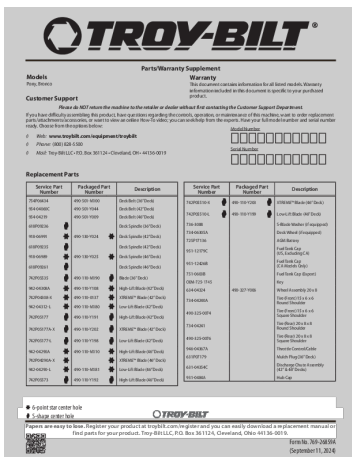
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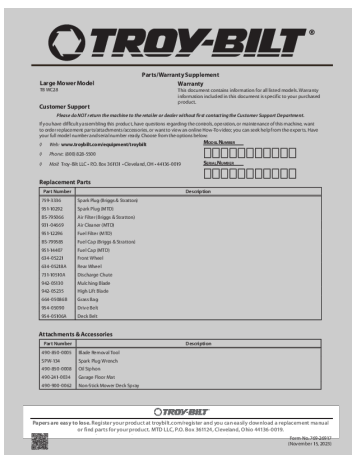
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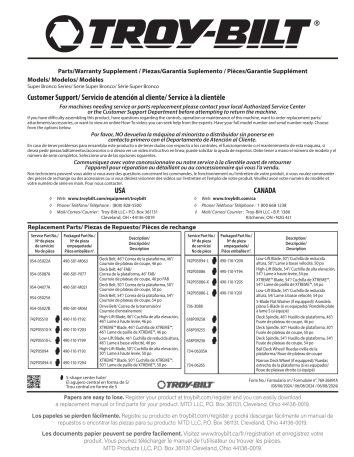
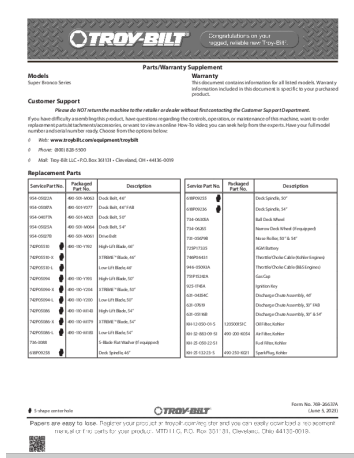
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