

WAYNE DALTON Torquemaster Plus TM3 TMII

Wayne Dalton Torquemaster Plus TM3 TMII Replacement Spring Instruction Manual

For 7ft Door Heights (70-79lbs Single Spring)

INTRODUCTION

This instruction manual provides essential information for the safe and correct installation, operation, and maintenance of your Wayne Dalton Torquemaster Plus TM3 TMII replacement spring. These springs are designed for Wayne Dalton garage doors utilizing the Torquemaster Plus system. Proper installation and maintenance are crucial for the safe and efficient operation of your garage door.

This specific spring is rated for a 7ft door height and a door weight between 70-79lbs (single spring configuration).

IMPORTANT SAFETY INFORMATION

WARNING: Garage door springs are under extreme tension and can cause severe injury or death if handled improperly. Installation and adjustment of garage door springs should only be performed by trained professionals. If you are not experienced with garage door spring replacement, it is strongly recommended to seek professional assistance.

- Always disconnect the garage door opener from power before attempting any work on the door or springs.
- Never attempt to remove or adjust springs while the garage door is open or partially open.
- Wear appropriate safety gear, including safety glasses and heavy-duty gloves.
- Ensure all tools are in good condition and used correctly.
- Keep children and pets away from the work area.
- Do not attempt to repair or replace springs if they are visibly damaged or broken without proper safety precautions.

PRODUCT IDENTIFICATION

It is critical to ensure you have the correct replacement spring for your specific Wayne Dalton Torquemaster system. There are two main types: Torquemaster Original (TM I) and Torquemaster Plus (TM II / TM3). The Torquemaster Plus (TM II / TM3) springs are typically found on doors manufactured after February 2007. A key visual identifier for the Torquemaster Plus system is the hexagonal shaped winding end of the spring.

Torquemaster PLUS (TMII TM3)



Image 1: Comparison of Torquemaster Plus (TMII TM3) and Torquemaster Original (TM TMI) spring winding ends. Note the hexagonal shape on the Torquemaster Plus end (top) versus the rounder, splined end of the Torquemaster Original (bottom).

To determine the correct spring, you must know:

1. **Door Height:** Measure the height of your garage door. For doors between 6'6" and 7'5", select a 7ft height spring. For doors between 7'6" and 8'2", select an 8ft height spring.
2. **Door Weight:** The most crucial factor. Springs are rated for specific door weight ranges. This information is often found on a label on the metal spring tube. If not, you can weigh your door using a bathroom scale after releasing all spring tension and ensuring cables are slack.

This product is a single spring for a 7ft door with a weight range of 70-79lbs.



Image 2: A coiled Wayne Dalton Torquemaster Plus replacement spring, showing its typical appearance.



Image 3: A straightened Wayne Dalton Torquemaster Plus replacement spring, illustrating its full length and construction.

SETUP AND INSTALLATION

Due to the high tension involved, professional installation is highly recommended. If you choose to proceed with installation yourself, exercise extreme caution and follow all safety guidelines.

General Installation Steps (Consult a professional or detailed Wayne Dalton guide for specifics):

1. **Prepare the Door:** Close the garage door completely. Disconnect the garage door opener from its power source.
2. **Release Old Spring Tension:** Carefully follow Wayne Dalton's specific instructions for safely releasing tension from the existing Torquemaster Plus spring system. This typically involves using a winding bar in the hexagonal winding end.
3. **Remove Old Spring:** Once tension is fully released, remove the old spring(s) from the Torquemaster tube.
4. **Install New Spring:** Slide the new Wayne Dalton Torquemaster Plus TM3 TMII replacement spring into the Torquemaster tube. Ensure it is correctly seated and aligned.
5. **Tension New Spring:** This is the most critical step. Using the appropriate winding bar and following Wayne Dalton's instructions, apply the correct number of turns to the spring to achieve the specified tension for your door's weight. Incorrect tension can lead to improper door operation or damage.
6. **Test Operation:** Reconnect power to the garage door opener. Carefully test the door's balance and operation. The door should stay in place when manually lifted to waist height.

Note: This product includes only the spring(s); plastic and metal tubes are not included.

OPERATING YOUR GARAGE DOOR WITH NEW SPRINGS

Once the Wayne Dalton Torquemaster Plus TM3 TMII replacement spring is correctly installed and tensioned,

your garage door should operate smoothly and with minimal effort. The spring system counterbalances the weight of the door, allowing for easy manual or automatic opening and closing.

- Ensure the door moves freely without binding or excessive noise.
- If using an automatic opener, verify that the safety reversal features are functioning correctly after spring replacement.

MAINTENANCE

Regular maintenance helps extend the life of your garage door springs and ensures safe operation.

- **Visual Inspection:** Periodically inspect the springs for signs of wear, rust, corrosion, or damage. Look for gaps between coils, which indicate a broken spring.
- **Balance Test:** With the garage door closed, disconnect the opener. Manually lift the door to about waist height. A properly balanced door should stay in place. If it falls or rises quickly, the spring tension may need adjustment (professional service recommended).
- **Lubrication:** While the springs themselves typically do not require lubrication, other moving parts of the garage door system (rollers, hinges, bearings) should be lubricated annually with a silicone-based garage door lubricant.
- **Professional Check-up:** Consider an annual professional inspection of your entire garage door system.

TROUBLESHOOTING

If your garage door is not operating correctly after spring replacement, consider the following common issues:

Problem	Possible Cause	Solution
Door is heavy or falls quickly when manually lifted.	Insufficient spring tension.	Spring needs more turns. Contact a professional for adjustment.
Door flies open or is difficult to close.	Excessive spring tension.	Spring needs fewer turns. Contact a professional for adjustment.
Door operates unevenly or makes grinding noises.	Misaligned components, worn rollers, or damaged cables.	Inspect entire system. Lubricate moving parts. Contact a professional if issues persist.
Spring appears broken (gap in coils).	Spring has reached its cycle life or failed prematurely.	Replace the spring. Contact a professional for replacement.

For any issues not listed or if you are unsure about a repair, always consult a qualified garage door technician.

SPECIFICATIONS

- Brand:** WAYNE DALTON
- Model:** Torquemaster Plus TM3 TMII
- Part Number:** WD-TMS-Parent-3
- Material:** Metal
- Door Height Compatibility:** 7ft (for doors 6'6" - 7'5")
- Door Weight Compatibility:** 70-79lbs (Single Spring)
- Cycle Life:** Heavy duty 10,000 high cycle life (as per product description)

ASIN: B0915LQHJD

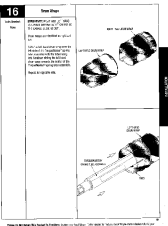
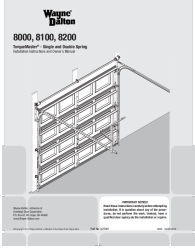
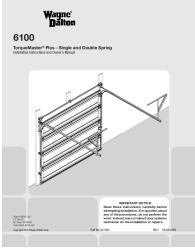

Date First Available: October 4, 2020

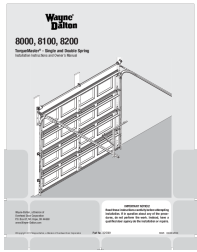
WARRANTY AND SUPPORT

For specific warranty information regarding your Wayne Dalton Torquemaster Plus TM3 TMII replacement spring, please refer to the documentation provided with your purchase or contact Wayne Dalton directly. Support for installation and troubleshooting can often be found through authorized Wayne Dalton dealers or professional garage door service providers.

You can visit the official Wayne Dalton website for further assistance or to locate a service professional in your area.

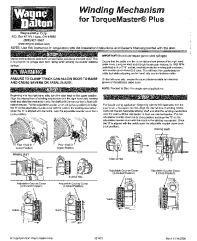
Related Documents - Torquemaster Plus TM3 TMII

	<p>Wayne-Dalton TorqueMaster® Installation Guide</p> <p>Step-by-step instructions for installing Wayne-Dalton TorqueMaster® garage door components, including drum wraps, cable drums, end brackets, center bracket, and winding springs.</p>
	<p>Wayne-Dalton TorqueMaster™ Garage Door Installation & Owner's Manual (Models 8000, 8100, 8200)</p> <p>Comprehensive installation guide and owner's manual for Wayne-Dalton TorqueMaster™ single and double spring garage doors (Models 8000, 8100, 8200). Includes safety instructions, parts list, step-by-step assembly, maintenance, and warranty information.</p>
	<p>Wayne-Dalton TorqueMaster Plus 6100 Installation Instructions and Owner's Manual</p> <p>Comprehensive installation instructions and owner's manual for the Wayne-Dalton TorqueMaster Plus 6100 single and double spring garage door system, covering preparation, installation steps, optional features, maintenance, and warranty.</p>
	<p>Wayne-Dalton Garage Door Maintenance and Cleaning Guide</p> <p>Comprehensive guide on cleaning, painting, and maintaining Wayne-Dalton garage doors, including manual operation and safety precautions.</p>



[Wayne Dalton 8000, 8100, 8200 TorqueMaster Installation and Owner's Manual](#)

Comprehensive installation instructions and owner's manual for Wayne Dalton 8000, 8100, and 8200 series garage doors with TorqueMaster® counterbalance systems. Includes safety precautions, parts lists, step-by-step installation guides, and maintenance information.



[Wayne Dalton TorqueMaster Plus Winding Mechanism Installation Guide](#)

Detailed instructions for installing and adjusting the Wayne Dalton TorqueMaster Plus winding mechanism for garage doors. Includes safety warnings, step-by-step guidance, and spring tension adjustment procedures.