

## ALLISTER 53-64 MFD 005021 E021

# ALLISTER Allstar Garage Door Opener Capacitor 53-64 MFD 005021 E021 Instruction Manual

Model: 53-64 MFD 005021 E021

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of the ALLISTER Allstar Garage Door Opener Capacitor, model 53-64 MFD 005021 E021.

This component is designed as a replacement part for compatible ALLISTER and Allstar garage door opener systems, specifically those requiring a 53-64 MFD capacitor.

Please read this manual thoroughly before attempting any installation or service to ensure proper function and personal safety. Retain this manual for future reference.

## 2. SAFETY INFORMATION

### **WARNING: Risk of Electric Shock and Injury.**

- Always disconnect power to the garage door opener at the circuit breaker or fuse box before beginning any installation, maintenance, or repair work. Failure to do so can result in severe electrical shock or death.
- Capacitors can store an electrical charge even after power is disconnected. Exercise extreme caution and discharge the capacitor safely before handling. If you are unsure how to discharge a capacitor, seek assistance from a qualified electrician.
- Wear appropriate personal protective equipment (PPE), including safety glasses and insulated gloves, when working with electrical components.
- If you are not comfortable performing electrical work, consult a qualified technician.
- Ensure the replacement capacitor matches the specifications of the original part. Using an incorrect capacitor can damage the garage door opener or create a fire hazard.

## 3. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing a garage door opener capacitor. Specific steps may vary slightly depending on your garage door opener model. Refer to your specific opener's manual for detailed instructions.

### 3.1. Pre-Installation Checks

- Verify that the ALLISTER Allstar Capacitor (53-64 MFD 005021 E021) is the correct replacement part for your garage door opener. Check the MFD (microfarad) rating and voltage specifications.
- Gather necessary tools, which may include screwdrivers, pliers, and a multimeter (for discharging the old capacitor).

### 3.2. Capacitor Replacement Procedure

1. **Disconnect Power:** Locate the circuit breaker or fuse that supplies power to your garage door opener and turn it OFF. Confirm power is off by attempting to operate the opener.
2. **Access Opener Housing:** Carefully open or remove the cover of your garage door opener motor unit to expose the internal components.
3. **Locate Old Capacitor:** Identify the existing capacitor. It is typically a cylindrical component connected by two wires.
4. **Discharge Old Capacitor: CRITICAL STEP:** Before touching the capacitor, it must be discharged. Use a properly insulated screwdriver with a metal shaft or a resistor to short the terminals of the capacitor. Hold the screwdriver across the terminals for several seconds. A spark may occur. If you are unsure, consult a professional.
5. **Disconnect Wires:** Once discharged, carefully disconnect the wires from the old capacitor. Note their original connection points if not clearly marked.
6. **Remove Old Capacitor:** Unmount the old capacitor from its bracket or housing.
7. **Install New Capacitor:** Place the new ALLISTER Allstar Capacitor (53-64 MFD 005021 E021) into the mounting bracket.
8. **Connect Wires:** Connect the wires to the new capacitor. Ensure connections are secure. Capacitors are typically non-polarized in AC applications, so wire orientation usually does not matter, but always double-check your opener's wiring diagram if available.
9. **Secure Housing:** Replace the cover of the garage door opener motor unit, ensuring all screws are tightened.
10. **Restore Power:** Turn the circuit breaker or fuse back ON to restore power to the garage door opener.



Image 1: The ALLISTER Allstar Garage Door Opener Capacitor 53-64 MFD 005021 E021. This image shows the cylindrical shape and terminal

## 4. FUNCTION AND POST-INSTALLATION CHECK

The capacitor is a critical component in your garage door opener's motor circuit, providing the necessary starting torque for the motor. Once installed, its operation is automatic and integral to the opener's function.

### 4.1. Post-Installation Operation Check

1. After restoring power, test the garage door opener using its wall control or remote.
2. Observe if the motor starts smoothly and the door moves without hesitation.
3. Ensure the door opens and closes fully and that safety features (like auto-reverse) are functioning correctly.
4. If the opener does not function correctly, refer to the Troubleshooting section.

## 5. MAINTENANCE

The ALLISTER Allstar Capacitor itself is a sealed component and requires no routine maintenance. Its lifespan is generally determined by operating conditions and age.

However, regular maintenance of the overall garage door opener system is recommended to ensure longevity and proper function:

- Periodically inspect wiring connections within the opener housing for looseness or corrosion.
- Keep the opener motor unit clean and free from dust and debris.
- Refer to your garage door opener's specific manual for its recommended maintenance schedule.

## 6. TROUBLESHOOTING

If your garage door opener is not functioning correctly after capacitor replacement, consider the following common issues:

Problem	Possible Cause	Solution
Opener motor hums but does not start or move the door.	Incorrect capacitor installed, faulty new capacitor, or other motor issues.	Verify the new capacitor's MFD rating matches the original. Ensure all wiring connections are secure. If the problem persists, the motor itself may be faulty, or professional diagnosis is required.
Opener does not respond to controls (no hum, no movement).	No power to the opener, tripped circuit breaker, or other electrical fault.	Check the circuit breaker or fuse. Ensure the opener is plugged in securely. Verify power at the outlet using a voltage tester.
Door moves slowly or struggles to open.	Weak capacitor (less likely if newly installed), or issues with door balance/springs.	Check the balance of the garage door (it should stay put when halfway open). Adjust springs if necessary (professional service recommended). Ensure tracks are clean and lubricated.

For issues not resolved by these steps, consult a qualified garage door technician or the opener

manufacturer's support.

## 7. SPECIFICATIONS

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- **Brand:** ALLISTER
- **Model:** 53-64 MFD 005021 E021
- **Capacitance:** 53-64 Microfarad (MFD)
- **Compatibility:** Designed for ALLISTER Allstar 73 Bottle Opener, MVP, and other compatible garage door opener models requiring 53-64 MFD.
- **ASIN:** B01MSP54F9

## 8. WARRANTY AND SUPPORT

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Specific warranty information for the ALLISTER Allstar Garage Door Opener Capacitor (53-64 MFD 005021 E021) should be obtained directly from the manufacturer or the retailer from whom the product was purchased. Please retain your proof of purchase for warranty claims.

For technical support or further assistance, please contact the manufacturer of your garage door opener or a certified garage door technician.