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SOMMER 1052V000

SOMMER 1052V000 Direct Drive Garage Door Opener Instruction Manual

1. PRODUCT OVERVIEW

The SOMMER 1052V000 Direct Drive Garage Door Opener utilizes innovative direct drive technology, where the motor glides silently along a fixed chain embedded in a sturdy steel rail. This design minimizes moving parts, enhancing longevity and ensuring exceptionally quiet operation with virtually no vibrations. It is ideal for homes with living spaces above the garage.

Key features include:

- **Direct Drive Technology:** Motor glides along a fixed chain for quiet and durable performance.
- **Powerful DC Motor:** 800 Newton (1 HP equivalent) rated for doors up to 1,200 lbs. counterbalanced weight.
- **Soft Start and Stop:** Maximizes door life and optimizes safety during operation.
- **Included Rail:** 3-Piece C-Channel rail for doors up to 8' tall (extensions available for taller doors).
- **Advanced Receiver:** 2-Channel Onboard Receiver in 310 MHz with 112 memory slots.
- **Mid-Stop Capable:** Allows the door to stop partway during opening or closing.
- **Homelink Compatible:** Seamless integration with in-car remote systems.

2. SETUP AND INSTALLATION

Installation of the SOMMER 1052V000 is designed to be straightforward. The direct drive system eliminates the need for a bulky overhead motor unit, freeing up ceiling space in your garage.

2.1 Unpacking and Component Check

Carefully unpack all components and verify against the packing list. Ensure all parts, including the 3-piece C-channel rail, 800 Newton motor carriage, control housing, hardware, nickel-plated chain, two 2-button remotes, wired 3-button wall control, and wired safety sensors, are present.

2.2 Mounting the Opener

The motor unit is mounted directly to the torsion bar above the garage door. This eliminates the need for a central rail hanging from the ceiling, providing more overhead clearance. Secure the motor unit according to the detailed instructions in the included manual, ensuring it is firmly attached to the torsion bar.



Figure 1: SOMMER 1052V000 Direct Drive Garage Door Opener mounted on the wall next to the garage door track.

2.3 Rail Assembly and Chain Installation

Assemble the 3-piece C-channel rail and install the nickel-plated chain. The motor carriage will travel along this chain. Ensure the chain is properly tensioned as per the manual's guidelines.

2.4 Wiring Safety Sensors and Wall Control

Connect the wired safety sensors near the bottom of the garage door tracks. These sensors create an invisible beam across the door opening, preventing the door from closing if an obstruction is detected. Install and wire the 3-button wall control in a convenient location inside the garage, away from moving parts of the door.

Figure 2: Wired safety sensors ensure the garage door does not close on obstructions.

3. OPERATING INSTRUCTIONS

The SOMMER 1052V000 offers multiple convenient ways to operate your garage door.

3.1 Remote Controls

Use the provided two 2-button remotes to open and close the garage door. These remotes can also be programmed for other functions, such as controlling the opener's lights (if applicable). Ensure remotes have fresh batteries for optimal performance.

3.2 Wired Wall Control

The wired 3-button wall control provides a convenient fixed point of operation inside your garage. It typically includes buttons for opening/closing the door, controlling the light, and a lock feature to prevent unauthorized remote access.

3.3 Soft Start and Stop Functionality

The opener features soft start and stop technology, which means the door begins and ends its movement smoothly. This reduces wear and tear on the garage door components and contributes to the quiet operation.

3.4 Mid-Stop Feature

The mid-stop feature allows you to program the garage door to stop at a custom intermediate position during opening or closing. This can be useful for ventilation or to allow pets to enter/exit without fully opening the door.

3.5 Homelink Compatibility

The SOMMER 1052V000 is Homelink compatible, allowing for seamless integration with your vehicle's built-in remote control system. Refer to your vehicle's manual for instructions on programming Homelink devices.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SOMMER garage door opener.

4.1 General Cleaning and Inspection

Periodically clean the motor unit and tracks to prevent dust and debris buildup. Inspect all moving parts, including rollers, hinges, and cables, for signs of wear or damage. Ensure all mounting hardware remains secure.

4.2 Lubrication

Lubricate the garage door rollers, hinges, and springs annually with a silicone-based lubricant. Avoid lubricating the tracks, as this can attract dirt and hinder door movement. The direct drive system's internal components are designed for minimal maintenance.

4.3 Safety Sensor Check

Test the safety sensors monthly. Place an object (e.g., a 2x4) in the path of the door's sensors. The door should reverse if closing or not close if opening. If the door does not respond correctly, clean the sensor lenses and ensure they are properly aligned. Consult the troubleshooting section if issues persist.



Figure 3: Regular lubrication of moving parts is crucial for smooth operation.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your garage door opener.

5.1 Remote Control Interference

If remote controls are not working reliably, check for potential interference. Certain LED light bulbs can interfere with the radio waves used by remotes. Replace interfering LED bulbs with incandescent, compact fluorescent, or specialized garage door opener LED bulbs designed to prevent interference.

5.2 Door Jerking or Sticking

If the door jerks or sticks during operation, inspect the rail for flexing or obstructions. Ensure the rail is adequately supported along its length. Adding additional hangers in the middle of the rail can help eliminate flexing. Also, check the motor carriage for any deformed tabs that might prematurely activate stop switches.

5.3 Door Not Closing Completely

Verify that the safety sensors are clean, aligned, and unobstructed. Check the door's travel limits and adjust them according to the manual if the door is not reaching its fully closed position.



Figure 4: Proper alignment of safety sensors is critical for door operation.

6. SPECIFICATIONS

Feature	Specification
Model Number	1052V000
Motor Type	800 Newton DC Motor (1 HP equivalent)
Max Door Weight	Up to 1,200 lbs. counterbalanced weight
Rail Type	3-Piece C-Channel (for doors up to 8' tall)
Receiver Frequency	310 MHz
Memory Slots	112
Power Source	AC
Voltage	24 Volts (DC)
Item Weight	42.2 pounds
Product Dimensions	138 x 3 x 1.25 inches
Material	Alloy Steel, Plastic
Color	Black

7. WARRANTY AND SUPPORT

The SOMMER 1052V000 Direct Drive Garage Door Opener comes with a comprehensive warranty:

- **Lifetime Warranty:** On the entire drive system.
- **2-Year Warranty:** On peripherals and accessories.

For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official SOMMER USA website.