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## Savox SP02

# Savöx SP02 Rubber Space Set for Mini Size Servo Instruction Manual

## INTRODUCTION

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This instruction manual provides essential information for the proper use and installation of the Savöx SP02 Rubber Space Set. This set is designed to facilitate the secure and vibration-dampened mounting of mini-sized servos in various remote control applications. Adhering to these instructions will help ensure optimal performance and longevity of your servo system.

## PRODUCT OVERVIEW

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The Savöx SP02 Rubber Space Set includes components necessary for mounting mini servos. These parts are crucial for isolating the servo from vibrations and ensuring a snug fit within its mounting location.



**Image 1:** Components of the Savox SP02 Rubber Space Set. This image displays four black rubber grommets, four small brass eyelets, and four silver Phillips head mounting screws, all essential for securing a mini servo.

The set typically includes:

- **Rubber Grommets:** These black rubber rings are designed to absorb vibrations and provide a cushioned fit for the servo.
- **Brass Eyelets:** These small brass tubes are inserted into the rubber grommets, providing a rigid sleeve for the mounting screws while allowing the rubber to flex.
- **Mounting Screws:** Self-tapping screws used to secure the servo assembly to the chassis or mounting plate.

## SETUP AND INSTALLATION

Follow these steps for proper installation of your mini servo using the Savox SP02 Rubber Space Set:

1. **Prepare the Servo:** Ensure your mini servo is clean and free from debris.
2. **Insert Rubber Grommets:** Carefully push one rubber grommet into each of the four mounting holes on the servo casing. Ensure they are seated flush.
3. **Insert Brass Eyelets:** Insert a brass eyelet into the center hole of each rubber grommet. The eyelet should pass through the grommet, creating a reinforced passage for the screw.
4. **Position the Servo:** Place the servo with the installed grommets and eyelets into its designated mounting location on your model.
5. **Secure with Screws:** Align the mounting holes with the pre-drilled holes or pilot holes on your chassis. Insert the provided mounting screws through the brass eyelets and tighten them securely. Avoid over-tightening, which can damage the servo casing or compress the rubber grommets excessively, reducing their vibration-dampening effect. The screws should be snug, allowing the rubber grommets to provide slight cushioning.

Proper installation ensures the servo is held firmly while minimizing the transfer of vibrations from the model to the servo, which can improve performance and extend servo life.

## OPERATING CONSIDERATIONS

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While the SP02 set itself does not have an "operation" mode, its correct installation directly impacts the operational integrity of your mini servo. The rubber grommets are designed to absorb vibrations, which can otherwise lead to:

- Reduced servo precision and response.
- Premature wear on servo gears and internal components.
- Increased noise during operation.

Ensure the servo is mounted in a way that allows for its full range of motion without obstruction from other components or wiring.

## MAINTENANCE

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Regular inspection of the Savöx SP02 Rubber Space Set components is recommended to maintain optimal performance:

- **Visual Inspection:** Periodically check the rubber grommets for signs of wear, cracking, hardening, or deformation. Damaged grommets should be replaced immediately.
- **Screw Tightness:** Verify that the mounting screws remain snug. Vibrations during operation can sometimes loosen screws over time. Do not overtighten.
- **Cleanliness:** Keep the servo mounting area clean from dirt, dust, and debris, which can affect the performance of the rubber grommets.

## TROUBLESHOOTING

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If you experience issues related to servo mounting, consider the following:

- **Excessive Vibration:** If the servo or surrounding structure exhibits unusual vibration, check the rubber grommets for damage or improper seating. Ensure screws are tightened correctly, but not excessively.
- **Loose Servo:** If the servo feels loose in its mount, re-check the tightness of the mounting screws. Inspect the brass eyelets and rubber grommets for wear that might cause a loose fit.
- **Servo Binding:** Ensure the servo is not binding against the chassis or other components. This is typically not related to the SP02 set itself but is a common mounting issue.

## SPECIFICATIONS

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<b>Product Name</b>	Savöx SP02 Rubber Space Set
<b>Model Number</b>	SAVSP02
<b>ASIN</b>	B007OSH1BC
<b>Product Dimensions</b>	2.75 x 0.25 x 4.13 inches (packaging)
<b>Item Weight</b>	0.16 ounces
<b>Manufacturer Recommended Age</b>	16 years and up

## SUPPORT

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For further assistance, technical support, or inquiries regarding replacement parts, please contact Savöx customer support through their official website or authorized distributors. Always refer to your product's specific model number (SAVSP02) when seeking support.