

## SYS 010907

# SYS 1090-12 Searchlight Instruction Manual

Model: 010907 | Brand: SYS

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SYS 1090-12 Searchlight. Please read these instructions carefully before using the product to ensure safe and efficient performance. Retain this manual for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

- Always disconnect power before installation or maintenance.
- Ensure proper wiring and connections to prevent electrical hazards.
- Do not look directly into the light beam to avoid eye injury.
- Keep the searchlight away from flammable materials.
- Use only specified voltage (12V) and wattage (45/45W) bulbs.

## PRODUCT OVERVIEW

The SYS 1090-12 Searchlight is a 12V, 45/45W automotive lighting component designed for various vehicle applications. It provides powerful illumination for enhanced visibility.



Image: SYS 1090-12 Searchlight. This image displays the packaging or a general representation of the SYS searchlight, indicating the brand 'SYS' and the model number '010907'.

## SETUP AND INSTALLATION

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### 1. Unpacking

- Carefully remove all components from the packaging.
- Verify that all parts are present and undamaged. Contact your supplier if any parts are missing or damaged.

### 2. Installation Steps

1. **Choose Mounting Location:** Select a secure and appropriate location on your vehicle for the searchlight, ensuring it does not obstruct vision or airflow.
2. **Secure Mounting Bracket:** Attach the searchlight's mounting bracket firmly to the chosen location using appropriate hardware (not included).
3. **Mount Searchlight:** Secure the searchlight to the mounted bracket, allowing for adjustment of the beam direction.
4. **Wiring:** Connect the searchlight's positive (+) wire to a switched 12V power source and the negative (-) wire to a suitable ground point on the vehicle chassis. Ensure connections are secure and insulated.
5. **Test Functionality:** After installation, turn on the vehicle's ignition and test the searchlight to ensure it operates correctly.

## OPERATION

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### 1. Basic Operation

To activate the SYS 1090-12 Searchlight, turn on the corresponding switch in your vehicle's cabin. The

searchlight will illuminate. If equipped with high/low beam functionality (45/45W), use the designated switch to toggle between beam intensities.

## 2. Usage Tips

- Adjust the searchlight's angle as needed to direct the beam for optimal visibility.
- Avoid prolonged use when the vehicle engine is off to prevent battery drain.
- Regularly check the searchlight's mounting for security, especially after off-road use.

## MAINTENANCE

### 1. Cleaning

Clean the lens and housing of the searchlight periodically with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens material.

### 2. Bulb Replacement

If the bulb fails, replace it with a genuine SYS 12V 45/45W bulb (Part Number 010907) or an equivalent. To replace:

1. Disconnect power to the searchlight.
2. Carefully open the searchlight housing (refer to specific product design for access).
3. Remove the old bulb, taking care not to touch the glass of the new bulb with bare hands.
4. Insert the new bulb, ensuring it is seated correctly.
5. Close and secure the housing.
6. Reconnect power and test the new bulb.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Searchlight does not turn on.	No power, faulty wiring, blown fuse, or defective bulb.	Check power connection, inspect wiring for damage, check vehicle fuse box, replace bulb.
Light is dim or flickers.	Low voltage, loose connection, or aging bulb.	Verify vehicle's electrical system, tighten connections, replace bulb.
Excessive heat from searchlight.	Incorrect bulb wattage or poor ventilation.	Ensure correct 45/45W bulb is used. Check for obstructions around the housing.

## SPECIFICATIONS

- **Brand:** SYS
- **Model:** 010907
- **Voltage:** 12V
- **Wattage:** 45/45W
- **Item Weight:** 200 g
- **Package Dimensions:** 20 x 20 x 20 cm

- **Part Number:** 10907

## WARRANTY AND CUSTOMER SUPPORT

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This SYS product is manufactured to high-quality standards. For warranty information or technical assistance, please refer to the warranty card included with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.