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› SOCKIR Headlight Assembly Instruction Manual for 2010-2012 Nissan Sentra

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SOCKIR Headlight Assembly Instruction Manual

For 2010-2012 Nissan Sentra (Chrome Housing with Amber Reflector)

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your new SOCKIR Headlight Assembly. This product is designed as a direct replacement for the original headlight units on 2010, 2011, and 2012 Nissan Sentra models. It features a chrome housing with an amber reflector and includes H13 bulbs for the high/low beam function.



Image 1.1: The SOCKIR Headlight Assembly for Nissan Sentra, featuring chrome housing and amber reflector.

1.1 Compatibility

- **Vehicle:** Nissan Sentra
- **Model Years:** 2010, 2011, 2012
- **Housing Color:** Chrome
- **Reflector Color:** Amber

COMPATIBLE WITH 2010-2012 Nissan Sentra



Image 1.2: A Nissan Sentra demonstrating the fitment of the headlight assembly.

2. SAFETY INFORMATION

Always prioritize safety when working on your vehicle. It is recommended to have this product installed by a qualified professional. If performing installation yourself, ensure the vehicle is turned off, the battery is disconnected, and appropriate safety gear (gloves, eye protection) is worn.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 1x Driver Side Headlight Assembly
- 1x Passenger Side Headlight Assembly
- H13 High/Low Beam Bulbs (pre-installed)

Note: Turn signal bulbs (3457A) and side marker bulbs (194) are NOT included and must be purchased separately or transferred from your original assembly.

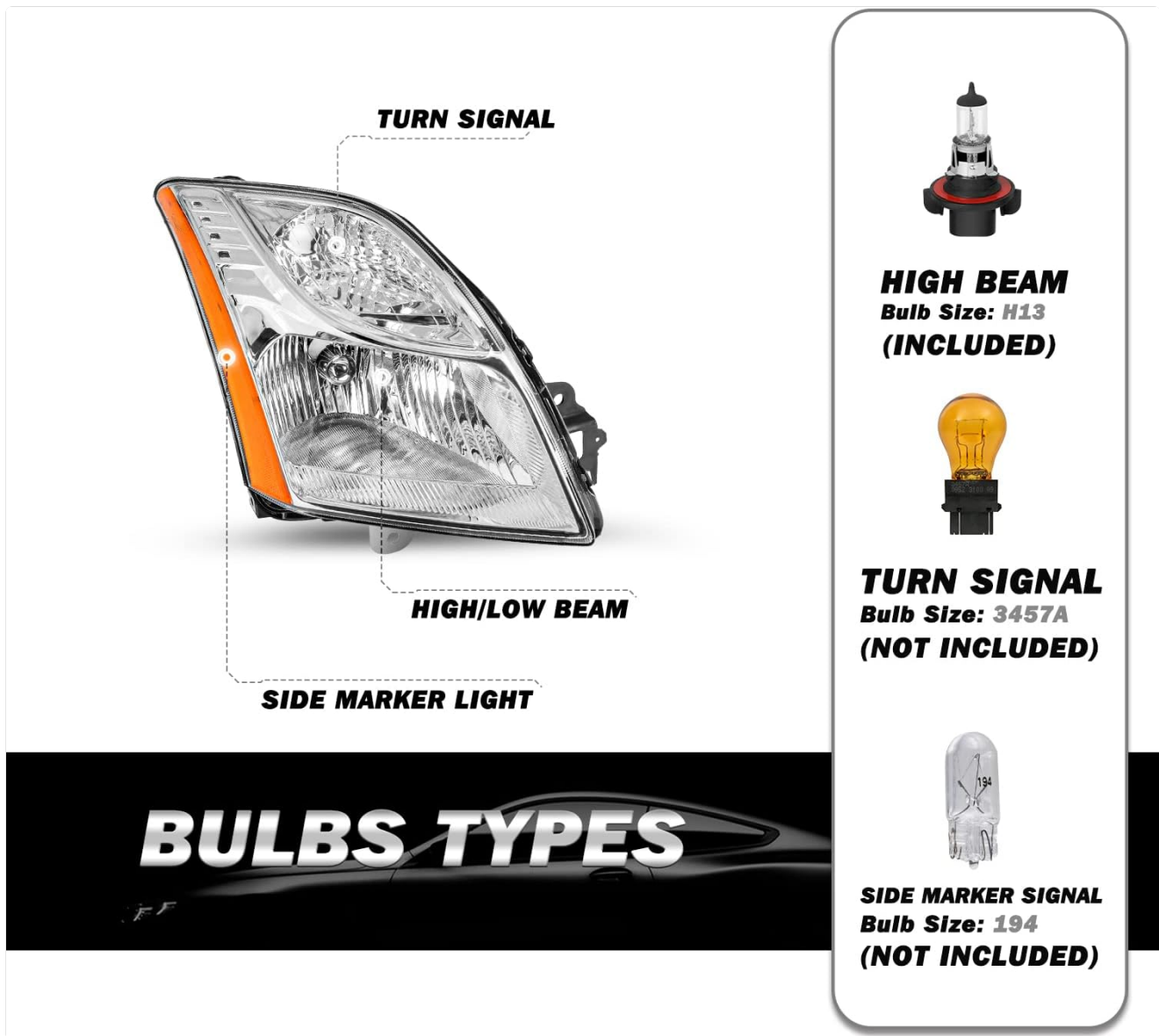


Image 3.1: Diagram illustrating the different bulb types and their locations within the headlight assembly.

4. INSTALLATION

The SOCKIR Headlight Assembly is designed for direct bolt-on OE fitment, requiring no modification or drilling for installation. Professional installation is highly recommended.

4.1 General Installation Steps (Consult a professional or vehicle-specific guide for detailed steps):

1. Park the vehicle on a level surface and engage the parking brake.
2. Turn off the engine and disconnect the negative terminal of the battery.
3. Access the existing headlight assembly. This may involve removing grille components, bumper fasteners, or fender liners depending on your vehicle model.
4. Disconnect all electrical connectors from the old headlight assembly.
5. Remove the mounting bolts/screws securing the old headlight assembly.
6. Carefully remove the old headlight assembly from the vehicle.
7. If necessary, transfer any non-included bulbs (turn signal, side marker) from the old assembly to the new SOCKIR assembly.
8. Position the new SOCKIR Headlight Assembly into the vehicle's headlight opening.
9. Secure the new assembly with the mounting bolts/screws.

10. Reconnect all electrical connectors to the new headlight assembly.
11. Reconnect the vehicle battery.
12. Test all lighting functions (high beam, low beam, turn signals, side markers).
13. Adjust headlight aim as needed (refer to Section 4.2).

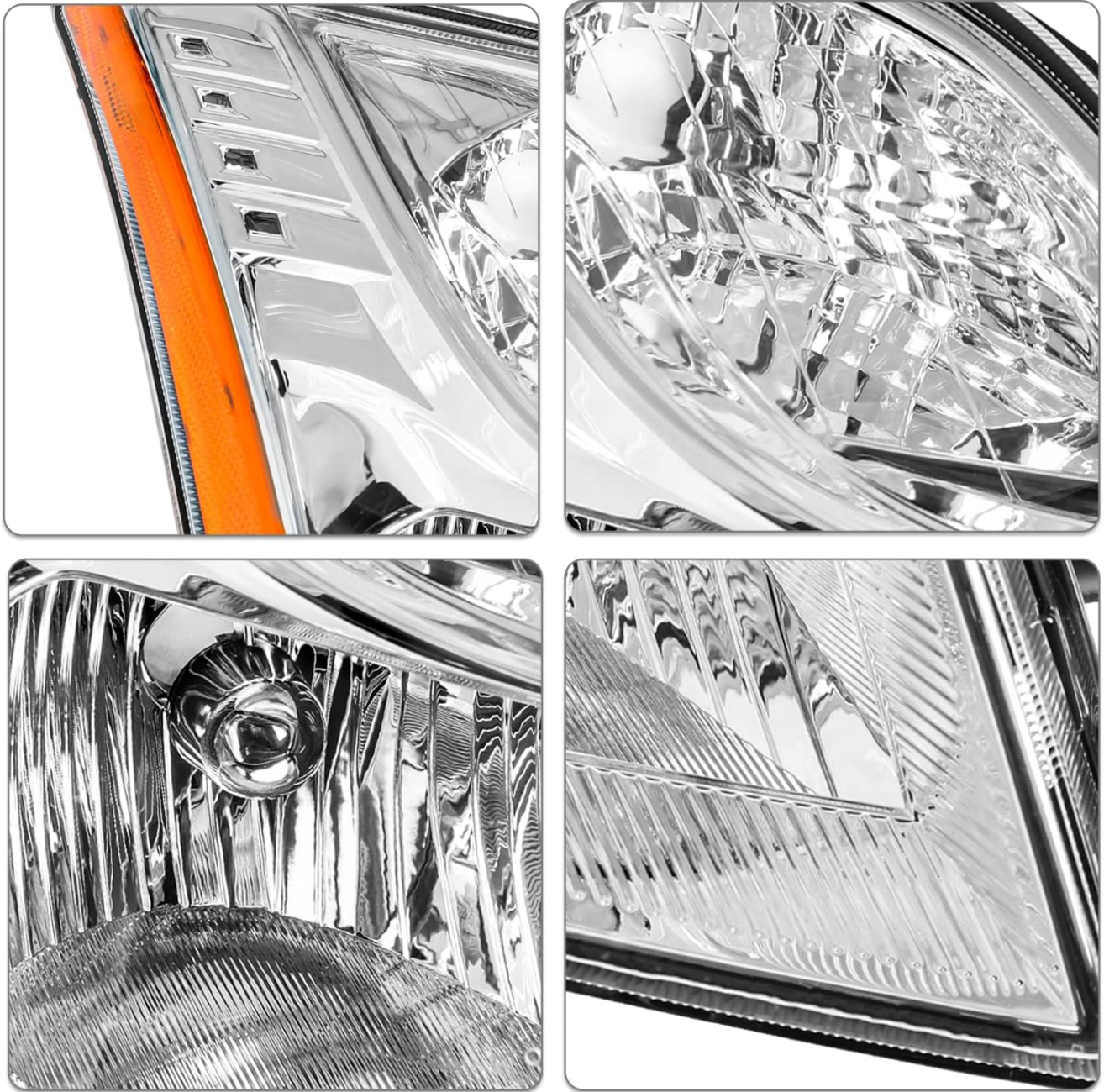


Image 4.1: Rear view of the headlight assembly, highlighting the adjusting screw for beam alignment, the high/low beam bulb socket, and the one-way vent.

4.2 Headlight Aim Adjustment

After installation, it is crucial to properly aim your headlights to ensure optimal visibility and to avoid blinding oncoming drivers. Locate the adjusting screw on the rear of the headlight assembly (refer to Image 4.1). Use an appropriate tool to turn the screw, adjusting the vertical and horizontal aim of the light beam according to local regulations and vehicle manufacturer specifications.

4.3 Installation Overview Video

Your browser does not support the video tag.

Video 4.1: An overview of the SOCKIR headlight manufacturing process, including brief clips demonstrating installation steps and

5. OPERATING INSTRUCTIONS

The headlight assembly integrates several lighting functions essential for safe driving:

- **High Beam:** Provides maximum illumination for clear, open roads. Activated via your vehicle's stalk control. Uses H13 bulb.
- **Low Beam:** Standard illumination for general driving, designed to illuminate the road without blinding oncoming traffic. Activated via your vehicle's light switch. Uses H13 bulb.
- **Turn Signal:** Indicates your intended direction of travel. Activated via your vehicle's stalk control. Uses 3457A bulb (not included).
- **Side Marker Light:** Enhances vehicle visibility from the side. Uses 194 bulb (not included).

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your headlight assemblies.

6.1 Cleaning

Regularly clean the outer lens of the headlight assembly using a soft cloth and mild automotive-specific cleaning solution. Avoid abrasive cleaners or harsh chemicals that can damage the polycarbonate lens material.

6.2 Durability Features

- **Waterproof Design:** The assembly is fully sealed with solid silicone and features one-way vents to prevent moisture from trapping inside, ensuring performance in various weather conditions.
- **Impact-Resistant Lenses:** Constructed with durable polycarbonate lenses to provide protection against road debris and minor impacts.



Image 6.1: Visual representation of the headlight assembly's performance and durability in various weather conditions, including rain, snow, night, and fog.

6.3 Bulb Replacement

If a bulb needs replacement, ensure the vehicle is off and the battery is disconnected. Access the bulb socket from the rear of the assembly (refer to Image 4.1), twist to remove the old bulb, and insert the new one, ensuring it is securely seated. Use only the specified bulb types (H13 for high/low beam, 3457A for turn signal, 194 for side marker).



Image 6.2: A detailed close-up of the headlight lens, showcasing the internal reflector design for optimal light output.

7. TROUBLESHOOTING

If you encounter issues with your headlight assembly, consider the following common troubleshooting steps:

- **Lights Not Functioning:** Check electrical connections to ensure they are secure. Verify that bulbs are correctly seated and not burnt out. Inspect vehicle fuses related to lighting.
- **Dim Lighting:** Ensure bulbs are the correct wattage and type. Check for any obstructions on the lens surface.
- **Moisture Inside Assembly:** While designed to be waterproof, extreme temperature changes or improper installation can sometimes lead to condensation. Ensure the one-way vents are clear and not obstructed. If persistent, check for cracks or seal damage.
- **Improper Beam Aim:** Refer to Section 4.2 for instructions on adjusting headlight aim.

If problems persist after performing these checks, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	SOCKIR
Compatible Vehicle Type	Nissan Sentra
Model Years	2010, 2011, 2012
Color	Chrome Housing with Amber Reflector
Light Source Type	Halogen
High Beam Bulb Type	H13 (Included)
Low Beam Bulb Type	H13 (Included)
Turn Signal Bulb Type	3457A (Not Included)
Side Marker Bulb Type	194 (Not Included)
Voltage	12 Volts
Wattage	55 watts
Lens Material	Polycarbonate
Item Dimensions (approx.)	25.2 x 20.87 x 11.02 inches
OEM Part Number (Left)	26060-ZT50A
OEM Part Number (Right)	26010-ZT50A
ABPA Partslink Number (Left)	NI2502196
ABPA Partslink Number (Right)	NI2503196

9. WARRANTY AND SUPPORT

9.1 Warranty Information

SOCKIR provides a **1 Year Limited After-Sales Service** for this product. This warranty covers manufacturing defects and ensures reliable performance under normal use conditions.

9.2 Return Policy

A **30 Days Free Return** policy is offered for this product. Please refer to the retailer's return policy for specific terms and conditions.

9.3 Customer Support

For any questions, concerns, or support needs regarding your SOCKIR Headlight Assembly, please contact SOCKIR directly via the Amazon platform where the product was purchased. Our technical support team is available to assist you.

