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> CarLights360 Headlight Assembly for Saturn LW200 (2001-2002), Driver Side, Model TY-Fits-GM2502200-CL360A8

CarLights360 TY-Fits-GM2502200-CL360A8

CarLights360 Headlight Assembly for Saturn LW200 (2001-2002)

Driver Side Replacement Unit - Model: TY-Fits-GM2502200-CL360A8

PRODUCT OVERVIEW

This document provides instructions for the installation, operation, and maintenance of the CarLights360 Driver Side Headlight Assembly, designed as a direct replacement for Saturn LW200 models from 2001 to 2002. This assembly is DOT Certified, ensuring it meets stringent quality standards.

The assembly includes all necessary components: bulbs, lens, housing, and socket, and is factory sealed for new condition upon arrival.



Figure 1: Front view of the CarLights360 Driver Side Headlight Assembly.

IMPORTANT SAFETY INFORMATION

Warning: This product is an aftermarket replacement part. It is not manufactured or sold by the original vehicle manufacturer. Always ensure the vehicle is turned off and the battery is disconnected before performing any

installation or maintenance to prevent electrical shock or damage.

Professional installation is recommended. If you are unsure about any step, consult a qualified automotive technician.

INSTALLATION GUIDE

This section outlines the general steps for replacing a headlight assembly. Specific vehicle procedures may vary. Refer to your vehicle's service manual for detailed instructions.

1. Verify Compatibility and Side

Before beginning installation, confirm that the replacement headlight assembly matches your vehicle's specifications and the correct side (Driver Side/Left Hand Side).



Figure 2: Illustration clarifying vehicle side orientation. Driver Side is Left Hand (LH), Passenger Side is Right Hand (RH). This headlight assembly is for the **Driver Side**, which corresponds to the **Left Hand (LH)** side of the vehicle when viewed from the rear.

2. Preparation

1. Park the vehicle on a level surface and engage the parking brake.
2. Turn off the engine and remove the key from the ignition.
3. Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.
4. Gather necessary tools, which may include screwdrivers, wrenches, and a trim removal tool.

3. Removal of Old Headlight Assembly

1. Locate and remove any fasteners (bolts, screws, clips) securing the old headlight assembly. These are typically found around the perimeter of the assembly and sometimes behind the bumper or fender liner.
2. Carefully pull the old assembly away from the vehicle. It may require gentle wiggling to dislodge.
3. Disconnect the electrical connectors from the bulbs and the main wiring harness.
4. Remove the old headlight assembly completely.

4. Installation of New Headlight Assembly

1. Connect the electrical connectors from the vehicle's wiring harness to the new headlight assembly. Ensure connections are secure.
2. Carefully position the new headlight assembly into its mounting location. Ensure all tabs and mounting points

align correctly.

3. Secure the new assembly using the original fasteners. Do not overtighten.
4. Reconnect the negative terminal of the vehicle's battery.

5. Post-Installation Check and Adjustment

1. Turn on the vehicle's headlights (low beam and high beam) and turn signals to verify proper function.
2. Check for proper alignment of the headlight beam. If adjustment is needed, consult your vehicle's service manual for the location of adjustment screws and the correct procedure.



Figure 3: Rear view of the headlight assembly, illustrating the bulb and wiring connections.

OPERATING INSTRUCTIONS

The CarLights360 Headlight Assembly operates in conjunction with your vehicle's existing electrical system and headlight switch. Refer to your vehicle's owner's manual for specific instructions on operating your headlights, including low beam, high beam, and parking light functions.

- **Low Beams:** Used for general driving, especially at night or in low-light conditions.
- **High Beams:** Provide maximum illumination for driving on unlit roads. Use only when no oncoming traffic is present to avoid blinding other drivers.
- **Turn Signals:** Activated via the turn signal stalk to indicate a turn or lane change.

MAINTENANCE

Proper maintenance ensures optimal performance and longevity of your headlight assembly.

- **Cleaning:** Regularly clean the headlight lens with a soft cloth and mild automotive cleaning solution to remove

dirt, dust, and road grime. Avoid abrasive cleaners that can scratch the lens.

- **Bulb Replacement:** This assembly comes with bulbs pre-installed. If a bulb needs replacement, refer to your vehicle's owner's manual or a qualified technician for the correct bulb type and replacement procedure. Always handle new bulbs by their base to avoid contaminating the glass with oils from your skin.
- **Inspection:** Periodically inspect the headlight assembly for any signs of damage, cracks, or moisture intrusion. Address any issues promptly to prevent further damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlight not illuminating	<ul style="list-style-type: none">• Blown bulb• Loose or corroded electrical connection• Blown fuse• Faulty wiring or switch	<ul style="list-style-type: none">• Replace the bulb.• Check and secure all electrical connections.• Inspect and replace the relevant fuse in the vehicle's fuse box.• Consult a qualified technician for electrical diagnosis.
Headlight flickering	<ul style="list-style-type: none">• Loose electrical connection• Failing bulb• Voltage fluctuations	<ul style="list-style-type: none">• Check and secure all electrical connections.• Replace the bulb.• Consult a qualified technician for electrical system diagnosis.
Moisture inside headlight	<ul style="list-style-type: none">• Seal not properly seated• Crack in housing or lens	<ul style="list-style-type: none">• Ensure the assembly is correctly seated and sealed.• Inspect for damage. If damaged, replacement may be necessary.

SPECIFICATIONS

Feature	Detail
Brand	CarLights360
Model	LW200
Part Number	TY-Fits-GM2502200-CL360A8
OEM Part Number Equivalent	90583594
Partslink Number Equivalent	GM2502200
Vehicle Compatibility	Saturn LW200 (2001-2002)
Position	Driver Side (Left)
Safety Rating	DOT Certified
Light Source Type	Halogen
Voltage	12V
Special Feature	Waterproof
Lens Color	Clear
Dimensions (L x W x H)	17.16 x 10.49 x 7.15 inches
Item Weight	4.64 pounds

Feature	Detail
UPC	749235765550

WARRANTY AND SUPPORT

For warranty information or technical support regarding your CarLights360 Headlight Assembly, please contact the seller or manufacturer directly. Ensure you have your purchase details and product model number (TY-Fits-GM2502200-CL360A8) available when contacting support.

This product is sold by KarParts360. For assistance, you may visit their store page or contact them through the platform where the purchase was made.