

Spyder 5079992

Spyder Auto 5079992 LED Tail Lights User Manual

Model: 5079992 | Brand: Spyder Auto

1. INTRODUCTION

Thank you for choosing Spyder Auto LED Tail Lights. These high-quality, black/smoked LED tail lights (Model 5079992) are designed to provide enhanced visibility and a modern aesthetic upgrade for your vehicle. This manual contains essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your new tail lights.

Please read this manual thoroughly before beginning installation. Retain this manual for future reference.

2. VEHICLE COMPATIBILITY

These LED Tail Lights are specifically designed for the following vehicle models:

- Chevy Silverado 1500 (2014-2016)
- Chevy Silverado 2500HD/3500HD (2015-2016)
- GMC Sierra 3500 HD dually models only (2015-2016) -**Note:** Compatible with bulb-type factory tail lights only.

Important Compatibility Notes:

- Will **NOT** work with vehicles equipped with factory LED type tail lights.
- Will **NOT** fit 2016 LTZ Z71 High Country Trims with factory LED Tail Lights.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- One (1) Spyder Auto 5079992 LED Tail Light (Left)
- One (1) Spyder Auto 5079992 LED Tail Light (Right)

- Necessary wiring harnesses and connectors (pre-attached or included)

If any items are missing or damaged, please contact your retailer or Spyder Auto customer support immediately.

4. SAFETY INFORMATION

Always prioritize safety when working on your vehicle. Improper installation can lead to electrical issues, damage to the vehicle, or personal injury.

- **Disconnect Battery:** Before beginning any electrical work, always disconnect the vehicle's negative battery terminal to prevent electrical shorts and accidental activation.
- **Professional Installation Recommended:** If you are not familiar with automotive electrical systems or vehicle modifications, it is highly recommended to seek professional installation by a certified mechanic.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses and gloves.
- **Check Local Regulations:** Ensure that the installation and use of these tail lights comply with all local and state vehicle lighting regulations.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

5. SETUP AND INSTALLATION

The installation process for these tail lights is generally a direct replacement, often referred to as "plug and play." However, specific steps may vary slightly depending on your vehicle's exact configuration. Refer to your vehicle's service manual for detailed instructions on removing factory tail lights.

1. **Prepare Vehicle:** Park your vehicle on a level surface and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Access Factory Tail Lights:** Locate the mounting screws or bolts securing the factory tail light assembly. These are typically accessible from the inside of the truck bed or by opening the tailgate. Remove all retaining fasteners (e.g., Torx screws).
3. **Remove Factory Tail Light:** Carefully pull the factory tail light assembly straight back from the vehicle body. It may be held in place by alignment pins or clips.
4. **Disconnect Wiring:** Once the assembly is loose, disconnect all electrical connectors from the factory tail light bulbs and housing.
5. **Prepare New Tail Light:** Take your new Spyder Auto LED Tail Light. Ensure all wiring harnesses are properly seated.
6. **Connect New Wiring:** Connect the wiring harnesses from the new LED tail light to the corresponding vehicle wiring. Ensure all connections are secure. Some users have noted that connecting the reverse light socket can be challenging due to its location, and factory wires might be slightly short, requiring careful manipulation.
7. **Install New Tail Light:** Carefully align the new LED tail light assembly with the mounting points and push it firmly into place until it seats properly.
8. **Secure Tail Light:** Reinstall all retaining screws or bolts that were removed in step 2. Do not overtighten.

9. **Repeat for Other Side:** Follow the same steps for the other tail light assembly.
10. **Test Functionality:** Reconnect the vehicle's negative battery terminal. Test all lighting functions: running lights, brake lights, turn signals, and reverse lights, before driving.



Figure 5.1: Rear view of the tail light assembly, illustrating wiring connections and heat sinks.

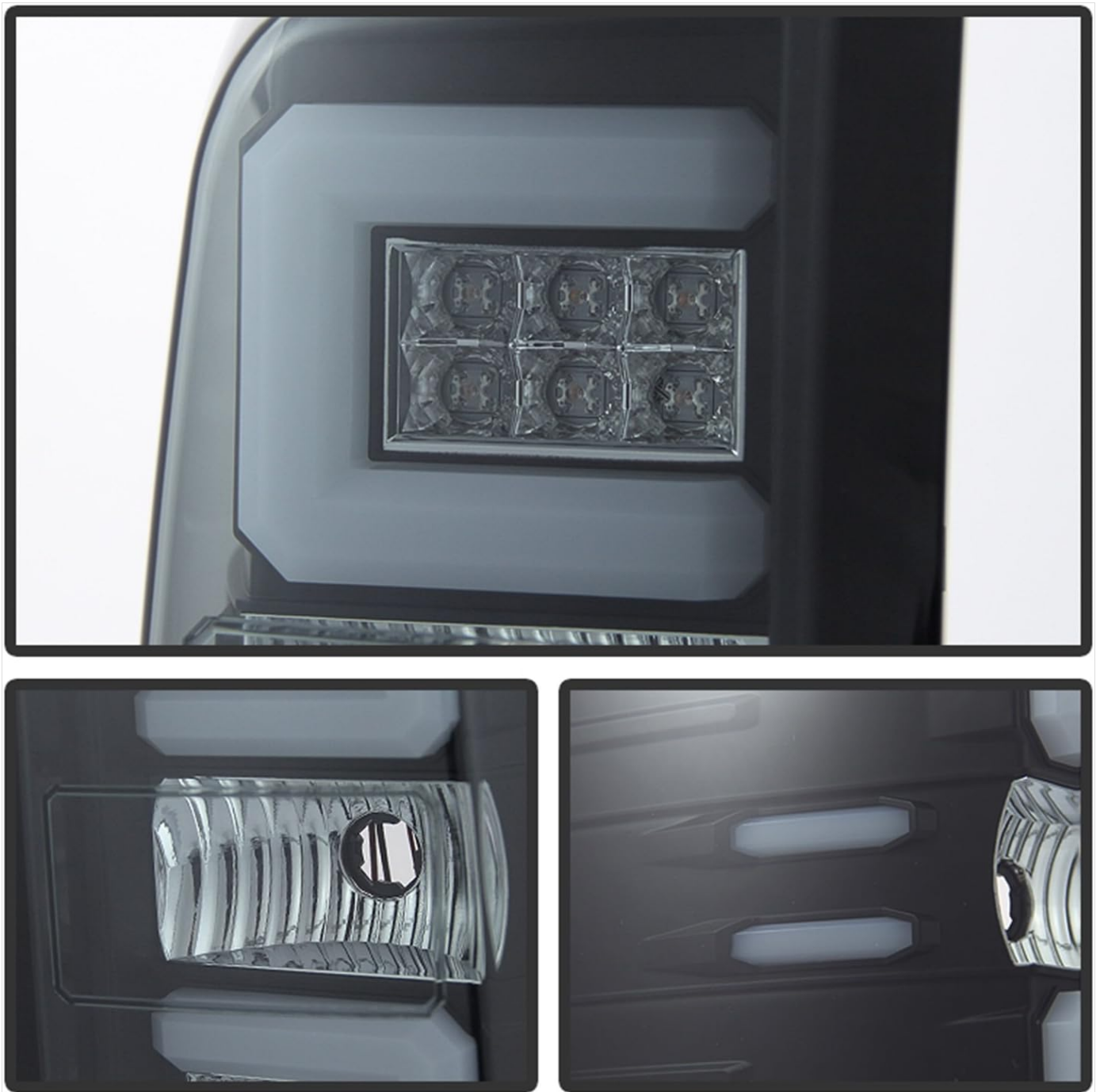


Figure 5.2: Detailed view of the internal LED array and reflector components.

6. OPERATION

Once installed, the Spyder Auto 5079992 LED Tail Lights operate automatically with your vehicle's existing lighting system. They function as follows:

- **Running Lights:** Illuminate when your vehicle's headlights or parking lights are on, providing constant rear illumination.
- **Brake Lights:** Brighten significantly when the brake pedal is pressed, signaling deceleration or stopping.
- **Turn Signals:** Flash when the turn signal lever is activated, indicating a turn or lane change.
- **Reverse Lights:** Illuminate when the vehicle is shifted into reverse gear.



Figure 6.1: Illustration of the tail lights in running light mode (left) and brake light/turn signal mode (right).

7. MAINTENANCE AND CARE

Proper maintenance will help extend the life and maintain the appearance of your LED tail lights.

- **Cleaning:** Clean the lens surfaces regularly with a soft cloth and mild automotive soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the lens material.
- **Inspection:** Periodically inspect the tail lights for any signs of damage, cracks, or condensation inside the lens. Check that all lights are functioning correctly.
- **Wiring Check:** Ensure all electrical connections remain secure and free from corrosion.
- **Condensation:** While designed to be sealed, condensation can occasionally occur. If persistent condensation is observed, it may indicate a seal issue. Refer to the troubleshooting section or contact support.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your LED tail lights.

Problem	Possible Cause	Solution
Lights not illuminating or flickering.	Loose electrical connection, blown fuse, wiring issue, or faulty LED module.	Check all wiring connections for tightness. Inspect vehicle's fuse box for a blown fuse related to tail lights. If issues persist, professional diagnosis is recommended.
Condensation inside the lens.	Temperature changes, minor seal imperfection, or moisture ingress.	Small amounts of condensation may dissipate naturally. If excessive or persistent, inspect the seal around the light housing. Ensure proper installation and sealing. Contact support if severe.
Hyper-flashing of turn signals.	LED lights draw less power than incandescent bulbs, which can trigger the vehicle's bulb-out warning system.	This typically requires installing load resistors (not included) in parallel with the LED turn signal circuit to simulate the load of an incandescent bulb. Consult a professional for proper installation of load resistors.
Difficulty connecting reverse light socket.	Tight space or short factory wiring.	Carefully maneuver the socket and wiring. It may require patience and gentle force. Ensure the connection is fully seated and locked.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Spyder Auto customer support.

9. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	Spyder
Model Number	5079992
Color	Black/Smoked
Specific Uses For Product	Tail Lights
Vehicle Service Type	Truck
Auto Part Position	Rear
Lens Color	Smoke
Lens Material	Polycarbonate
Item Dimensions (L x W x H)	18 x 13 x 14 inches

Attribute	Detail
Item Weight	9 pounds
UPC	847245079992
Manufacturer	Spyder Auto
Date First Available	January 7, 2016



Figure 9.1: The Spyder Auto 5079992 LED Tail Lights, Black/Smoked.



Figure 9.2: Detail of the tail light's lower section, including reflector and compliance markings.

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact Spyder Auto directly or the authorized retailer from whom you purchased the product. Warranty terms and conditions may vary.

Manufacturer: Spyder Auto

For additional product information and support, you may visit the official Spyder Store on Amazon: [Spyder Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question