Dorman 1610465

Dorman 1610465 Passenger Side Tail Light Assembly User Manual

Model: 1610465 | Brand: Dorman

1. Product Overview

The Dorman 1610465 Passenger Side Tail Light Assembly is a direct replacement component designed to match the fit, function, and appearance of the original tail light on specified vehicles. This assembly provides essential rear lighting for safety and compliance.

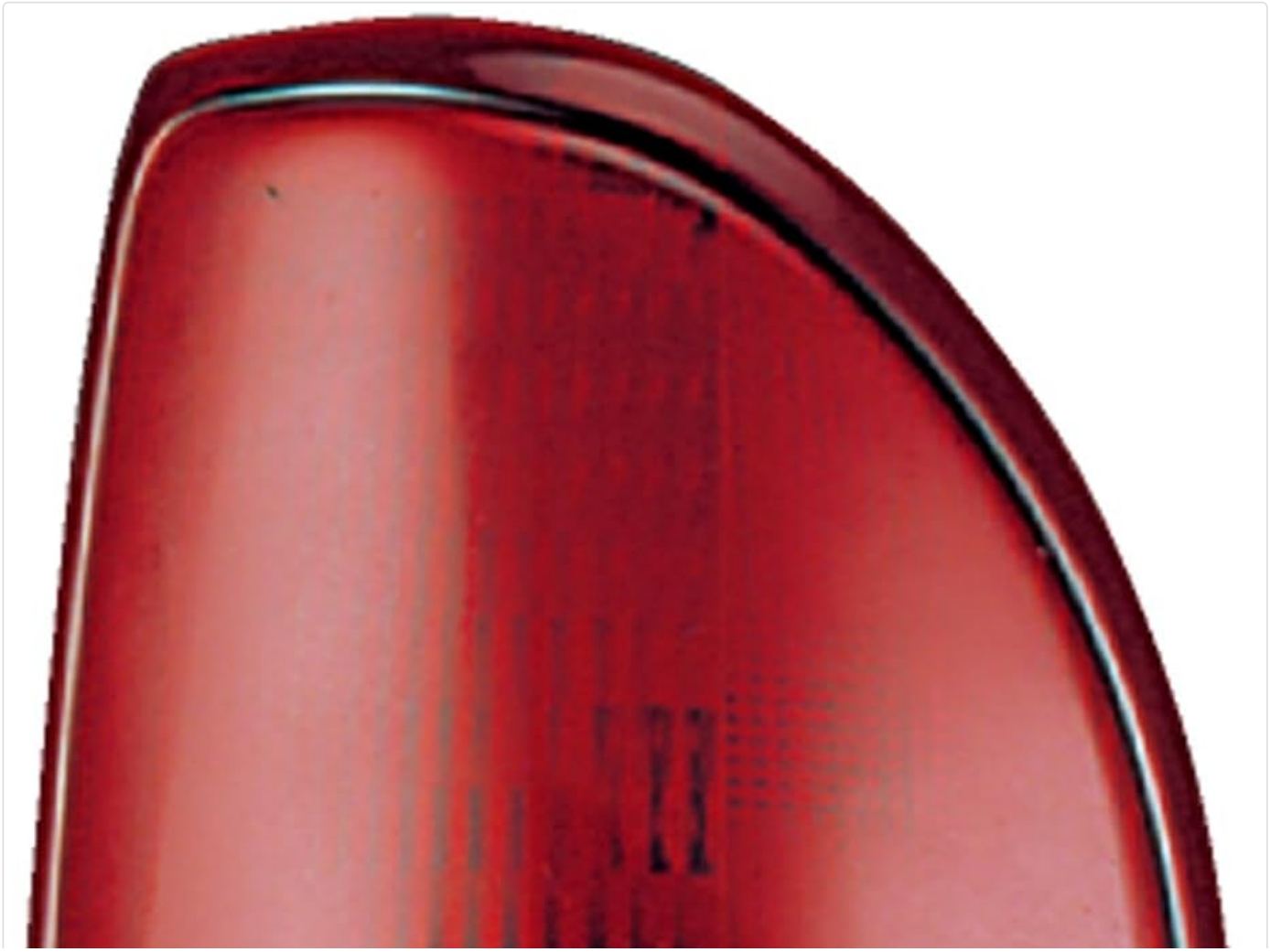




Image 1.1: Dorman 1610465 Passenger Side Tail Light Assembly. This image displays the complete red tail light unit with clear sections for reverse lights, designed for the passenger side of compatible vehicles.

2. Vehicle Compatibility

This tail light assembly is compatible with the following vehicle models:

- **Dodge Dakota:** 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004

Note: Always verify fitment for your specific vehicle's make, model, and trim level before installation.

3. Package Contents

The package includes:

- One (1) Dorman 1610465 Passenger Side Tail Light Assembly

Note: Bulbs and wiring harness may not be included and might need to be transferred from the original assembly or purchased separately.

4. Installation Instructions

Tools Required: Basic hand tools (e.g., screwdriver, socket wrench set, trim removal tool).
Safety Precautions:

- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Turn off the vehicle's ignition and disconnect the negative terminal of the battery to prevent electrical shorts.
- Wear appropriate personal protective equipment, such as gloves and eye protection.

Step-by-Step Guide:

1. **Access the Tail Light:** Open the tailgate or trunk to access the mounting screws or bolts for the tail light assembly. Some vehicles may require removing interior trim panels to reach fasteners.
2. **Remove Fasteners:** Locate and remove all screws, bolts, or plastic clips securing the existing tail light assembly to the vehicle body. Keep these fasteners for reinstallation.
3. **Detach Old Assembly:** Carefully pull the old tail light assembly straight out from the vehicle. It may be held in place by alignment pins or clips. Avoid excessive force to prevent damage to the vehicle's paint or body.
4. **Disconnect Wiring:** Twist and remove the bulb sockets from the old tail light housing. Disconnect any electrical connectors if the entire wiring harness is integrated with the assembly.
5. **Transfer Components (if necessary):** If the new Dorman assembly does not include bulbs or bulb sockets, transfer them from the old assembly to the new one. Ensure bulbs are clean and functional.
6. **Connect New Assembly:** Connect the bulb sockets and any electrical connectors to the new Dorman tail light assembly. Ensure all connections are secure.
7. **Test Functionality:** Before fully mounting, reconnect the vehicle battery and test all tail light functions (running lights, brake lights, turn signals, reverse lights) to ensure proper operation.
8. **Mount New Assembly:** Align the new tail light assembly with the mounting points on the vehicle body. Push it firmly into place, ensuring alignment pins (if present) engage correctly.
9. **Secure Fasteners:** Reinstall all screws, bolts, or plastic clips removed in Step 2. Tighten them securely, but do not overtighten to avoid cracking the plastic housing.
10. **Final Check:** Close the tailgate or trunk. Perform a final visual inspection to ensure the tail light is flush with the vehicle body and all functions are working correctly.

5. Operation

The Dorman 1610465 Passenger Side Tail Light Assembly operates in conjunction with your vehicle's electrical system to provide rear illumination. Its functions include:

- **Running Lights:** Illuminates when headlights or parking lights are on, indicating the vehicle's presence.
- **Brake Lights:** Activates when the brake pedal is pressed, signaling deceleration or stopping.
- **Turn Signals:** Flashes to indicate an intended turn or lane change.
- **Reverse Lights:** Illuminates when the vehicle is in reverse gear, providing visibility and warning.

Ensure all functions are checked regularly for proper operation.

6. Maintenance

To ensure the longevity and optimal performance of your tail light assembly:

- **Regular Cleaning:** Keep the lens clean from dirt, dust, and road grime using a soft cloth and mild automotive cleaner. Avoid abrasive materials that could scratch the plastic.
- **Bulb Replacement:** If a bulb fails, replace it promptly with a bulb of the correct type and wattage specified by your vehicle manufacturer. Refer to your vehicle's owner's manual for bulb specifications.

- **Inspect for Damage:** Periodically check the tail light assembly for cracks, moisture intrusion, or loose connections. Address any issues immediately to prevent further damage or electrical problems.
- **Seal Integrity:** Ensure the seal between the tail light assembly and the vehicle body remains intact to prevent water from entering the housing.

7. Troubleshooting

Common issues and their potential solutions:

Problem	Possible Cause	Solution
Tail light not illuminating	Burnt-out bulb, loose wiring connection, blown fuse	Check and replace bulb, inspect wiring for secure connection, check vehicle fuse box and replace blown fuse.
Intermittent light function	Loose bulb, corroded socket, faulty wiring	Reseat bulb, clean socket contacts, inspect and repair wiring.
Moisture inside the lens	Compromised seal, crack in housing	Inspect the seal around the assembly and the housing for cracks. Replace assembly if seal is damaged or housing is cracked.
Light is dim	Dirty lens, incorrect bulb wattage, weak electrical connection	Clean the lens, ensure correct bulb type is installed, check electrical connections for corrosion or looseness.

If issues persist after attempting these solutions, it is recommended to consult a qualified automotive technician.

8. Specifications

Feature	Detail
Brand	Dorman
Model Number	1610465
Part Position	Passenger Side (Rear)
Color	Red
Lens Color	Red
Lens Material	Plastic
Specific Uses	Rear Lights
Wattage	35 watts (for compatible bulbs)
Item Weight	1.56 pounds
Product Dimensions (L x W x H)	12.5 x 8.4 x 4.8 inches
Assembly Required	No
UPC	747214104659

9. Warranty and Support

For detailed warranty information regarding your Dorman product, please refer to the official Dorman warranty document. A PDF version of the warranty is available for download:

Download Warranty Information (PDF)

For technical support or further assistance, please contact Dorman customer service through their official website or contact channels.

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