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Dorman 590-440

Dorman 590-440 Rear Park Assist Camera

User Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Dorman 590-440 Rear Park Assist Camera. This camera is designed as a direct replacement for original equipment cameras in compatible vehicles, offering reliable performance and enhanced visibility.

Key Features:

- **Ideal Replacement:** Directly replaces damaged or faulty original equipment cameras for a dependable repair.
- **Durable Construction:** Features a high-quality, wide-angle lens for clear resolution and additional electronics protection for reliability in harsh conditions.
- **Direct Installation:** Plugs into the vehicle's wiring using a factory-style connector.
- **Quality Tested:** Has undergone try-on, on-vehicle, and salt spray testing to ensure quality fit and durability.

2. Package Contents

Please verify that all items listed below are present in your package:

- 1 x Park Assist Camera
- 1 x Harness Connector
- 1 x Bracket
- 1 x Zip Tie

3. Technical Specifications

Model Number	590-440
Manufacturer	Dorman Products
Item Weight	3.34 ounces

Product Dimensions	5 x 5.6 x 3.1 inches
Voltage	12 Volts
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Video Capture Resolution	1080p
Installation Type	Surface Mount
Compatible Devices	Monitor
OEM Part Numbers	39530-T2A-A21; 39530-T2A-A31

4. Vehicle Compatibility

This Dorman 590-440 Rear Park Assist Camera is compatible with select Honda models. Please confirm fitment for your specific vehicle trim before installation.

Compatible Vehicles:

- **Honda Accord:** 2014, 2015, 2016, 2017

Note: Always verify compatibility using your vehicle's make, model, and trim level.

5. Setup and Installation

The Dorman 590-440 camera is designed for direct installation, plugging into your vehicle's existing wiring using a factory-style connector. While installation is generally straightforward for those with automotive repair experience, it is recommended to consult your vehicle's service manual or seek professional assistance for detailed, vehicle-specific instructions.

General Installation Steps (Consult vehicle-specific guides for precise details):

1. **Preparation:** Ensure the vehicle is turned off and the battery is disconnected to prevent electrical issues.
2. **Access:** Locate the original camera assembly, typically near the license plate or trunk lid. This may require removing interior trim panels.
3. **Removal:** Carefully disconnect the wiring harness and unmount the old camera.
4. **Installation:** Mount the new Dorman 590-440 camera in the same location. Connect the camera's harness to the vehicle's wiring.
5. **Secure:** Ensure all connections are secure and reattach any removed trim panels.
6. **Test:** Reconnect the battery and test the camera's functionality by engaging reverse gear.



Figure 5.1: Overall view of the Dorman 590-440 camera with its integrated harness and connector.



Figure 5.2: Front view highlighting the wide-angle lens and mounting bracket.



Figure 5.3: Rear view of the camera housing, showing the sealed construction.



Figure 5.4: Side profile of the camera, illustrating the cable routing and foam padding.

6. Operating Instructions

Once properly installed, the Dorman 590-440 Rear Park Assist Camera operates automatically when the vehicle is shifted into reverse gear. The camera provides a clear, high-resolution, wide-angle view of the area behind your vehicle on the compatible display monitor.

Camera View Modes:

Depending on your vehicle's original system capabilities, the Dorman 590-440 camera supports multiple view modes (e.g., wide, normal, top-down). These modes allow you to select the most appropriate perspective for your parking or reversing needs. Refer to your vehicle's owner's manual for instructions on how to switch between these view modes on your display.

Important Safety Note: Always check your surroundings visually in addition to using the park assist camera. The camera is an aid and does not replace the driver's responsibility to operate the vehicle safely.

7. Maintenance

The Dorman 590-440 Rear Park Assist Camera is designed for durability and minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or debris that may obstruct the view. Avoid abrasive cleaners or materials that could scratch the lens.
- **Inspect Connections:** Occasionally check the wiring and connections for any signs of wear, corrosion, or looseness.
- **Environmental Protection:** While the camera features additional electronics protection for harsh conditions, extreme temperatures or prolonged exposure to direct sunlight can affect electronic components over time.

8. Troubleshooting

If you experience issues with your Dorman 590-440 Rear Park Assist Camera, consider the following troubleshooting steps:

Problem	Possible Cause / Solution
No image on display when in reverse.	◦ **Loose Connection:** Check that the camera's wiring harness is securely connected. ◦ **Vehicle System Issue:** Ensure your vehicle's display system is functioning correctly. ◦ **Power Supply:** Verify the camera is receiving power (may require professional diagnosis).
Image is blurry, distorted, or fogged.	◦ **Dirty Lens:** Clean the camera lens as described in the Maintenance section. ◦ **Moisture Inside Lens:** If moisture is visible inside the lens, the camera may need replacement. ◦ **Damaged Camera:** The camera unit itself may be damaged and require replacement.

Problem	Possible Cause / Solution
Delayed display or slow activation.	◦ **Vehicle System Response:** This can sometimes be a characteristic of the vehicle's infotainment system. ◦ **Electrical Issue:** Check for stable power supply to the camera and display.

If these steps do not resolve the issue, it is recommended to consult a qualified automotive technician or contact Dorman customer support for further assistance.

9. Warranty and Support

Dorman is committed to providing high-quality replacement products engineered to save time and money, and increase convenience and reliability. While specific warranty details are not provided within this manual, Dorman stands behind its products.
For detailed warranty information, technical support, or assistance with your Dorman 590-440 Rear Park Assist Camera, please visit the official Dorman website or contact Dorman customer service directly. Have your product model number (590-440) and vehicle information ready when contacting support.
Dorman Customer Support:

Website: www.dormanproducts.com

Contact Information: Refer to the website for current phone numbers and contact forms.

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Model: 590-440

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