EPSIRMP 5Q0980546A

EPSIRMP 5Q0980546A Front View 360 Environment Surround Camera Instruction Manual

1. Product Overview

This manual provides instructions for the EPSIRMP 5Q0980546A Front View 360 Environment Surround Camera. This component is designed as a direct replacement part for specific vehicle models, ensuring stable and reliable performance that meets or exceeds original equipment (OE) standards. It integrates into your vehicle's existing 360-degree environment surround view system to assist with parking and maneuvering.



Figure 1.1: Front view of the 5Q0980546A camera. This image shows the lens and the main body of the camera unit.

2. Key Features

- **High-Quality Construction:** Manufactured from durable materials for stable and reliable performance.
- **OE Standard Compliance:** Designed to meet or exceed original equipment specifications.
- **Direct Replacement:** Engineered for easy installation as a direct replacement for the original part.
- **360-Degree Environment Surround View:** Functions as part of the vehicle's comprehensive parking assistance system.

3. Compatibility

This camera is compatible with various Audi, Bentley, Volkswagen, and Porsche models. Please verify the part number (5Q0-980-546-A, V15-74-0039, PO1260100) against your vehicle's existing part before purchase and installation.

Compatible Vehicle List:

- **Audi:** A4 (2018-2023), S4 (2018-2023), A5 (2018-2020), Q3 (2019-2023), Q5 (2018-2020), Q7 (2017-2019), RS5 (2018-2022), S5 (2018-2023), SQ5 (2018-2021)
- **Bentley:** Bentayga (2017-2020)
- **Volkswagen:** Arteon (2019-2023), Atlas (2018-2023), Atlas Sport (2018-2023), Tiguan (2018-2023)
- **Porsche:** Cayenne (2015-2018), Macan (2015-2022), Panamera (2017-2019)



Figure 3.1: Angled view of the camera, highlighting the part number label for verification.

4. Specifications

Part Number	5Q0-980-546-A, V15-74-0039, PO1260100
Product Dimensions	2.36 x 1.57 x 1.57 inches (6.0 x 4.0 x 4.0 cm)
Item Weight	5.3 ounces (150 grams)

Voltage	12 Volts
Optical Sensor Technology	CMOS CCD
Lens Type	Wide Angle
Real Angle of View	360 Degrees
Connector Type	RCA
Installation Type	Surface Mount



Figure 4.1: Bottom view of the camera, illustrating the electrical connector for vehicle integration.

5. Installation

Installation of this front view camera involves replacing the existing unit. While the process is designed to be straightforward, professional installation is recommended to ensure proper function and integration with your vehicle's complex electronic systems.

General Installation Steps:

1. **Safety First:** Disconnect the vehicle's battery before beginning any electrical work.
2. **Locate Existing Camera:** Identify the location of the current front view camera on your vehicle. This is typically integrated into the front grille or bumper.
3. **Remove Old Camera:** Carefully disconnect the wiring harness and mounting hardware from the old camera.
4. **Install New Camera:** Connect the new EPSIRMP 5Q0980546A camera to the vehicle's wiring harness. Secure it using the appropriate mounting points. Ensure all connections are firm and correctly seated.
5. **Test Functionality:** Reconnect the vehicle's battery. Start the vehicle and test the camera's functionality through the infotainment system. Verify that the 360-degree view operates correctly and displays a clear image.
6. **Final Securement:** Once functionality is confirmed, ensure all panels and covers removed during installation are properly reinstalled and secured.

Note: *Incorrect installation can lead to system malfunctions or damage. Consult a qualified automotive technician if you are unsure about any step.*

6. Operating Instructions

The EPSIRMP 5Q0980546A camera operates as an integral part of your vehicle's factory-installed 360-degree environment surround view system. Its operation is typically automatic or activated via your vehicle's infotainment system controls.

Typical Operation:

- **Automatic Activation:** The front camera often activates automatically when the vehicle is shifted into drive at low speeds, or when parking assist features are engaged.
- **Manual Activation:** Refer to your vehicle's owner's manual for specific instructions on how to manually activate the front camera view through the infotainment system.
- **Display:** The camera's feed, combined with other surround view cameras, will be displayed on your vehicle's central screen, providing a comprehensive view of the area around the vehicle.

7. Maintenance

The front view camera requires minimal maintenance. Regular cleaning of the camera lens is important to ensure clear visibility.

Maintenance Tips:

- **Lens Cleaning:** Periodically clean the camera lens with a soft, damp cloth. Avoid abrasive cleaners or materials that could scratch the lens.
- **Inspection:** Occasionally inspect the camera and its wiring for any visible damage or loose connections.
- **Environmental Factors:** Be aware that dirt, snow, ice, or heavy rain can temporarily obstruct the camera's view. Clear any obstructions as needed.

8. Troubleshooting

If you experience issues with your front view camera, consider the following troubleshooting steps:

Common Issues and Solutions:

- **No Image/Black Screen:**
  - Check all cable connections to ensure they are secure.
  - Verify that the vehicle's battery is fully charged and properly connected.
  - Consult your vehicle's owner's manual for specific camera system reset procedures.
- **Distorted/Unclear Image:**
  - Clean the camera lens thoroughly.
  - Ensure there are no physical obstructions (e.g., dirt, debris, ice) on or near the lens.
  - Check for any damage to the camera unit itself.
- **Intermittent Operation:**
  - Inspect wiring for any signs of wear, fraying, or loose connections.
  - Ensure the camera is securely mounted and not vibrating.

If these steps do not resolve the issue, it is recommended to seek assistance from a certified automotive technician or contact customer support.

9. Warranty and Support

EPSIRMP provides a 1-year product warranty service for this camera. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use.

Customer Support:

For any questions, concerns, or warranty claims regarding your EPSIRMP 5Q0980546A camera, please contact our customer service team. We are committed to resolving any issues within 24 hours.

- **Contact Method:** Refer to your purchase documentation or the EPSIRMP official website for the most current contact information.
- **Information Needed:** When contacting support, please have your product model number (5Q0980546A), purchase date, and a detailed description of the issue ready.

Additionally, a 30-day return/replacement policy is typically offered for products purchased through authorized retailers, subject to their terms and conditions.

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

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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