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Nissan 999T8-HW000

Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness User Manual

Model: 999T8-HW000

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness is designed to facilitate the connection of a trailer's electrical system to your vehicle, converting a 4-pin harness to a 7-pin harness. This genuine OEM part ensures compatibility and reliable performance with your Nissan vehicle.



Figure 1: Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness. This image displays the wiring harness component, featuring various connectors and insulated wiring designed for vehicle-to-trailer electrical integration.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness (1 unit)
- Installation Instructions (this manual)

3. SAFETY INFORMATION

WARNING:

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical

shock or damage to the vehicle's electrical system.

- Ensure all connections are secure and properly insulated to prevent short circuits.
- Refer to your vehicle's service manual for specific wiring diagrams and procedures.
- If you are unsure about any step, consult a qualified automotive technician.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the trailer tow wiring harness. Specific vehicle models may require variations in procedure. Always consult your vehicle's specific service manual for detailed instructions.

4.1. 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.
4. Gather necessary tools (e.g., wrenches, wire strippers, electrical tape, zip ties).

4.2. Installation Steps

1. Locate the existing vehicle wiring harness connection point, typically near the rear bumper or within the trunk/cargo area.
2. Connect the 4-pin end of the 999T8-HW000 harness to the vehicle's existing 4-pin connector. Ensure a firm and secure connection.
3. Route the harness safely along the vehicle's frame, away from hot or moving parts, using zip ties to secure it.
4. Mount the 7-pin connector end of the harness in an accessible and secure location near the trailer hitch. Use appropriate mounting hardware (not included) if necessary.
5. Ensure all connections are weatherproofed and protected from road debris.

4.3. Post-Installation

1. Reconnect the negative terminal of the vehicle's battery.
2. Test the trailer lights (turn signals, brake lights, running lights) with a compatible trailer or trailer light tester.

5. OPERATING INSTRUCTIONS

Once the Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness is installed, operating it involves connecting and disconnecting your trailer's electrical system.

5.1. Connecting a Trailer

1. Ensure both the vehicle and trailer are parked on a level surface with parking brakes engaged.
2. Align the trailer's 7-pin connector with the vehicle's 7-pin receptacle.
3. Push the trailer connector firmly into the vehicle receptacle until it clicks or locks into place.
4. Verify all trailer lights (turn signals, brake lights, running lights) are functioning correctly before driving.

5.2. Disconnecting a Trailer

1. Park the vehicle and trailer on a level surface and engage parking brakes.
2. Release the locking mechanism on the 7-pin connector (if applicable).
3. Carefully pull the trailer connector straight out from the vehicle receptacle.
4. Store the vehicle's 7-pin receptacle cover (if equipped) to protect it from elements.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your wiring harness.

- **Inspection:** Periodically inspect the harness for any signs of wear, fraying, cuts, or corrosion, especially before long trips.
- **Cleaning:** Keep the connectors clean and free of dirt, dust, and moisture. Use a dielectric grease on the pins to prevent corrosion.
- **Storage:** When not in use, ensure the vehicle's 7-pin receptacle is covered to protect it from environmental elements.
- **Secure Routing:** Verify that the harness remains securely routed and zip-tied, preventing it from dragging or coming into contact with hot exhaust components or moving parts.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with the trailer tow wiring harness.

Problem	Possible Cause	Solution
Trailer lights not working	Loose connection, blown fuse, corroded terminals, faulty trailer wiring.	<ul style="list-style-type: none"> ◦ Check all connections for tightness. ◦ Inspect vehicle and trailer fuses. ◦ Clean and apply dielectric grease to connector terminals. ◦ Test trailer wiring independently.
Intermittent light function	Poor connection, damaged wiring, corrosion.	<ul style="list-style-type: none"> ◦ Ensure connectors are fully seated and locked. ◦ Inspect harness for physical damage. ◦ Clean terminals thoroughly.
No power to trailer accessories (if applicable)	Vehicle fuse, wiring issue, trailer accessory fault.	<ul style="list-style-type: none"> ◦ Check vehicle fuse box for trailer accessory circuit fuse. ◦ Verify wiring integrity from vehicle to 7-pin connector. ◦ Test trailer accessory directly.

If troubleshooting steps do not resolve the issue, contact a qualified automotive technician or Nissan customer support.

8. SPECIFICATIONS

- **Product Name:** Nissan Genuine Trailer Tow Wiring Harness
- **Model Number:** 999T8-HW000
- **Part Type:** Trailer Tow Wiring Harness
- **Connector Type:** Converts 4-pin to 7-pin
- **Manufacturer:** Nissan
- **OEM Part:** Yes

9. WARRANTY AND SUPPORT

As a genuine OEM part, the Nissan Genuine 999T8-HW000 Trailer Tow Wiring Harness is typically covered by Nissan's standard parts warranty, which guarantees against poor workmanship and material defects. For specific warranty terms and conditions, please refer to your purchase documentation or contact your authorized Nissan dealer.

For technical support or further assistance, please contact your authorized Nissan service center or visit the official Nissan website.

- **Official Nissan Website:** www.nissanusa.com
- **Customer Service:** Refer to your local Nissan dealer contact information.