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› [ECLIPSE KW-1490 Radio Antenna Conversion Cord for Toyota Vehicles User Manual](#)

ECLIPSE KW-1490

ECLIPSE KW-1490 Radio Antenna Conversion Cord

User Manual

1. PRODUCT OVERVIEW

The ECLIPSE KW-1490 is a genuine radio antenna conversion cord specifically designed for Toyota vehicles. This cord facilitates the connection of commercially available aftermarket navigation and audio systems to the existing factory radio antenna in compatible Toyota vehicles. It converts the standard JASO radio antenna connector found on many aftermarket car navigation units to the specific radio antenna connector used by Toyota automobile manufacturers.



Image 1.1: ECLIPSE KW-1490 Radio Antenna Conversion Cord. This image displays the conversion cord with its two distinct connector ends, one for the aftermarket unit and one for the Toyota vehicle's antenna.

2. SETUP AND INSTALLATION

Proper installation of the KW-1490 conversion cord is crucial for optimal radio reception. It is recommended that installation be performed by a qualified professional. If you choose to install it yourself, please proceed with caution and ensure all vehicle power is disconnected before beginning.

1. **Preparation:** Ensure your vehicle's battery is disconnected to prevent electrical shorts. Access the rear of your aftermarket navigation or audio unit and the vehicle's factory radio antenna connection point.
2. **Identify Connectors:** Locate the JASO radio antenna output on your aftermarket navigation/audio unit. Identify the factory radio antenna input on your Toyota vehicle's wiring harness.
3. **Connect the Cord:** Connect one end of the KW-1490 conversion cord to the JASO output of your aftermarket unit. Connect the other end of the KW-1490 conversion cord to the factory radio antenna input of your Toyota vehicle. Ensure both connections are secure and fully seated.
4. **Secure Wiring:** Route the cable safely, ensuring it is not pinched or exposed to moving parts. Use cable ties if necessary to secure the wiring.
5. **Test Functionality:** Reconnect the vehicle's battery. Turn on your navigation/audio unit and test the

radio reception across various frequencies to confirm proper operation.

Important: *Incorrect installation can lead to poor radio reception or damage to your equipment. Always refer to your vehicle's service manual and your aftermarket unit's installation guide for specific instructions.*

3. OPERATING INSTRUCTIONS

Once the ECLIPSE KW-1490 conversion cord is correctly installed, its operation is passive. It functions as an adapter, allowing your aftermarket navigation or audio system to utilize the vehicle's existing radio antenna. The primary operation involves tuning your aftermarket unit to desired radio stations as per its own user manual.

- Ensure your aftermarket head unit is powered on.
- Select the radio function on your head unit.
- Tune to your preferred radio stations.
- Adjust the antenna settings on your head unit if available, to optimize reception.

4. MAINTENANCE

The ECLIPSE KW-1490 conversion cord requires minimal maintenance. To ensure long-term performance:

- **Keep Connections Secure:** Periodically check that the connections to both the aftermarket unit and the vehicle's antenna are firm and free from corrosion.
- **Avoid Physical Damage:** Ensure the cable is not subjected to excessive pulling, bending, or crushing, which can damage the internal wiring or connectors.
- **Keep Dry:** Protect the cord and its connections from moisture and liquids.

5. TROUBLESHOOTING

If you experience issues with radio reception after installing the KW-1490, consider the following troubleshooting steps:

- **No Radio Reception:**
 - Verify that both ends of the KW-1490 cord are securely connected to the aftermarket unit and the vehicle's antenna input.
 - Check if the aftermarket navigation/audio unit's radio function is enabled and properly selected.
 - Ensure the vehicle's antenna itself is intact and not damaged.
- **Poor or Intermittent Reception:**
 - Inspect the connections for any looseness or corrosion. Disconnect and reconnect to ensure a fresh contact.
 - Check for any kinks or damage along the length of the KW-1490 cord.
 - Test radio reception in different locations to rule out environmental interference.
 - Ensure the aftermarket unit's antenna booster (if applicable) is correctly powered and functioning.

If problems persist after these steps, it is recommended to consult with a professional car audio installer or contact ECLIPSE customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	ECLIPSE (DENSO TEN)
Model Number	KW-1490
Product Type	Radio Antenna Conversion Cord
Compatibility	Toyota vehicles (for connecting aftermarket navigation/audio to factory antenna)
Antenna Type	Radio, Car
Number of Channels	1
Package Dimensions	30.0mm × 94.0mm × 276.0mm
ASIN	B0140PSSLO

7. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, including coverage period and terms, please refer to the official ECLIPSE (DENSO TEN) website or the documentation provided with your purchase. For technical support, installation assistance, or any other inquiries, please contact ECLIPSE customer service directly. Contact information can typically be found on the manufacturer's website or in the product packaging.

ECLIPSE Official Website: <https://www.denso-ten.com/jp/eclipse/>