Strpump Toyota-Basic

Strpump 16-Pin Power Harness User Manual

Model: Toyota-Basic

Product Overview

The Strpump 16-Pin Power Harness is an essential adapter designed to seamlessly integrate aftermarket Android GPS navigation systems into various Toyota vehicle models. This harness provides a plug-and-play solution, preserving your vehicle's original wiring and simplifying the installation process. It supports key functionalities such as steering wheel controls, original USB connectivity (where applicable), and includes an integrated radio antenna adapter.



Image: The Strpump 16-Pin Power Harness, showing the main 16-pin connector, various white multi-pin connectors, and a black USB adapter cable.

Package Contents

- 1 x 16-Pin Power Harness

Compatibility

This harness is specifically designed for Toyota basic models that do not have an OEM rearview camera and are not equipped with a factory JBL amplifier. It is compatible with aftermarket radios featuring a 16-pin power socket.

Reference Compatible Car Models (for basic models only):

- Toyota Corolla (2006-2019)
- Toyota Reiz (2009-2013)
- Toyota Yaris (2018-2013)
- Toyota Hilux (2005-2018)

- Toyota RAV4 (2006-2018)
- Toyota Camry (2000-2011)
- Toyota FJ CRUISER (2007-2018)
- Toyota Highlander (2008-2014)
- Toyota Land Cruiser Prado (2002-2013)

Important Note: The models and years listed above are for reference. This harness will fit many other Toyota models as long as your car's original connector matches the harness. If you are unsure about compatibility, please send a picture of your original CD player's back connector to the seller for verification.



Image: Rear view of a car stereo unit, highlighting the connector ports compatible with the harness. This image helps users identify if their vehicle's stereo matches the required configuration.

Installation Guide

The Strpump 16-Pin Power Harness is designed for a straightforward plug-and-play installation with your aftermarket radio and vehicle's factory connectors. No cutting of original car wiring is required.

Components Identification:

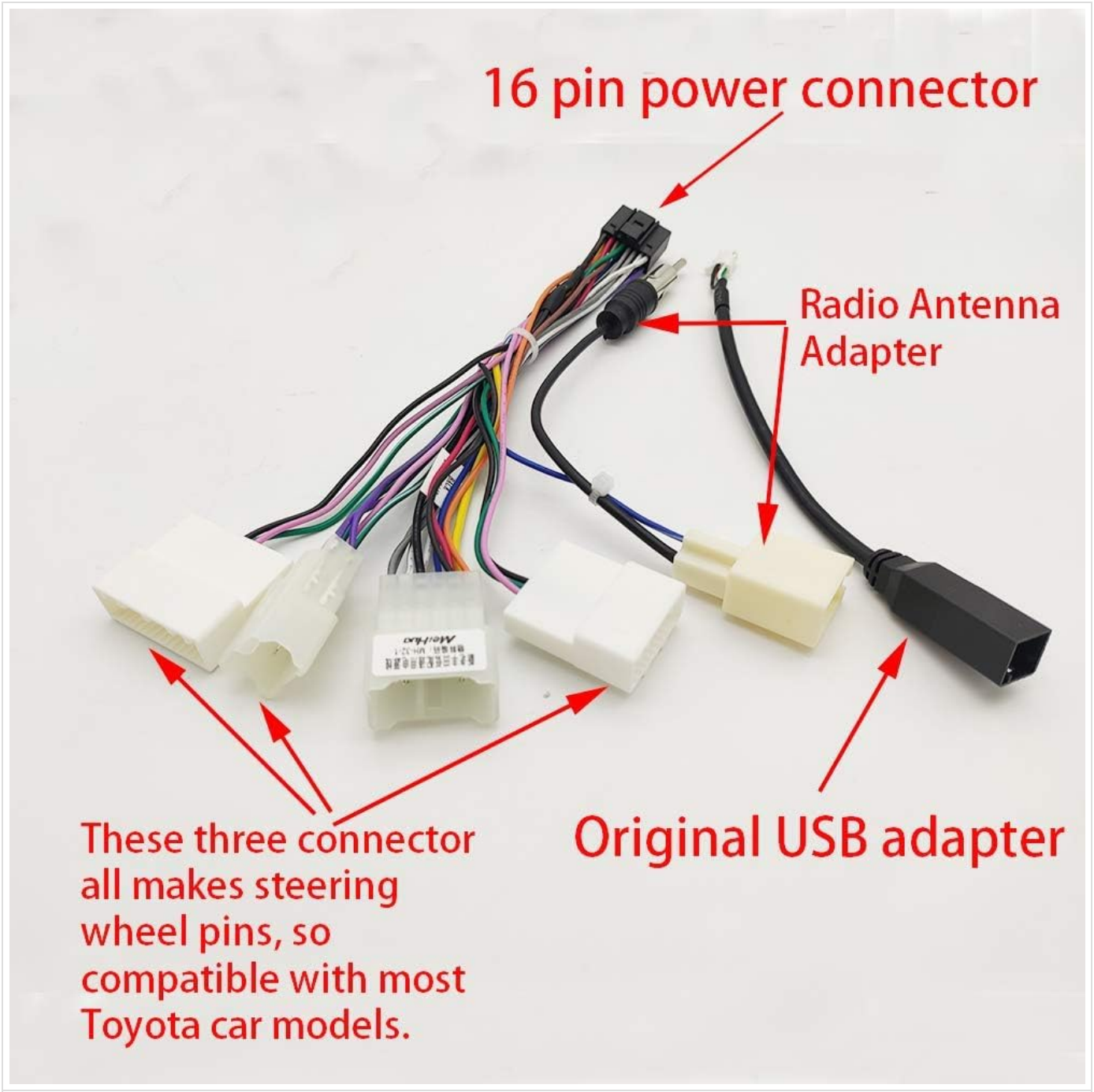


Image: The harness with key components labeled: the 16-pin power connector, the radio antenna adapter, and the original USB adapter. These labels assist in identifying each part during installation.

Connecting to Aftermarket Radio:

Ensure your aftermarket radio has a 16-pin power socket. The harness's 16-pin connector will plug directly into this socket.

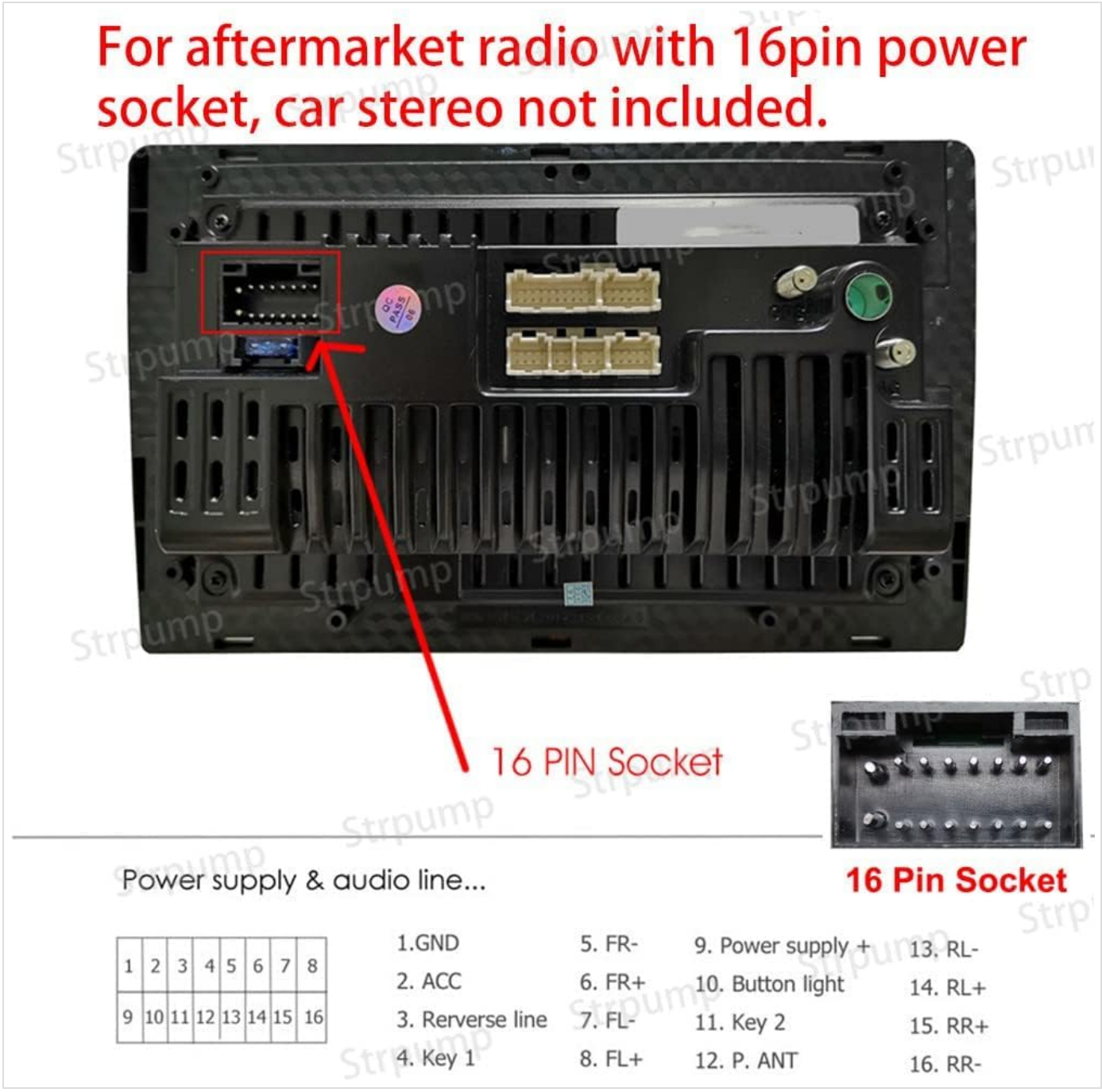


Image: A close-up of the back of an aftermarket radio showing the 16-pin power socket, along with a diagram illustrating the pin assignments for power supply and audio connections.

Wiring Diagram:

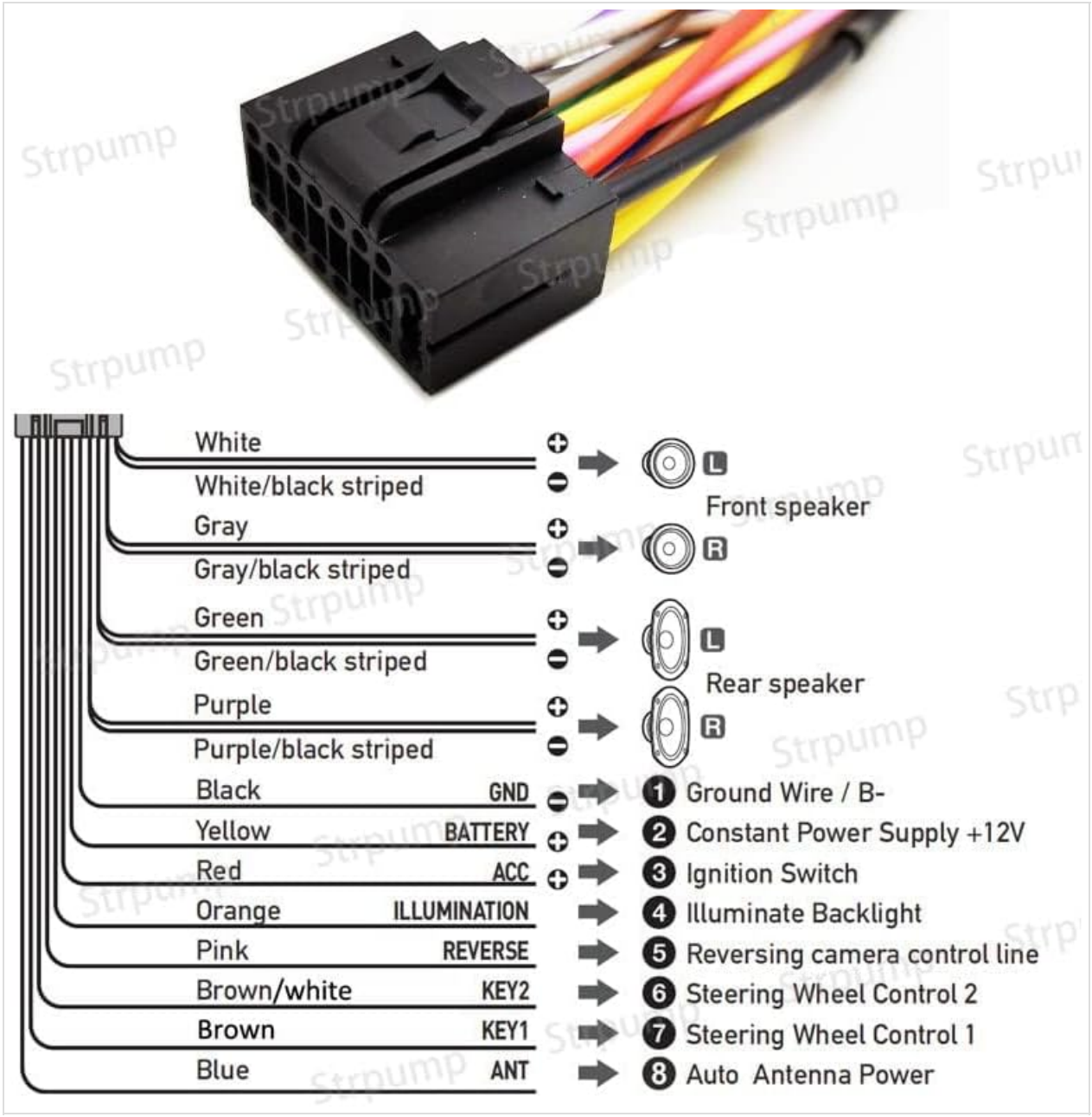


Image: A comprehensive wiring diagram detailing each wire's color, function (e.g., GND, ACC, ILLUMINATION, REVERSE, KEY1, KEY2, ANT), and corresponding speaker connections (Front/Rear Left/Right). This diagram is crucial for understanding the electrical connections.

General Steps:

1. Carefully remove your vehicle's existing car stereo unit.
2. Locate the factory wiring connectors behind the stereo.
3. Connect the corresponding white multi-pin connectors from the Strpump harness to your vehicle's factory connectors. These connectors are designed to fit specific ports, ensuring correct connection for steering wheel controls and other functions.
4. Plug the 16-pin power connector of the harness into the designated 16-pin power socket on your aftermarket Android GPS navigation unit.
5. Connect the integrated radio antenna adapter to your aftermarket unit's antenna input.
6. If your vehicle has an original USB port that you wish to retain, connect the black USB adapter from the harness to the appropriate USB input on your aftermarket unit.
7. Secure all connections and carefully re-install your new car stereo unit into the dashboard.



Image: A view of the entire harness, showcasing the different types of connectors included, such as the 16-pin main connector, the white multi-pin connectors for vehicle integration, and the radio antenna adapter.



Image: A close-up shot of several white multi-pin connectors, highlighting their design and pin configuration, which are crucial for proper connection to the vehicle's existing wiring.

Operating Features

Once installed, the Strpump 16-Pin Power Harness enables the following features with your compatible aftermarket radio:

- **Steering Wheel Control:** Retains the functionality of your vehicle's original steering wheel audio controls, allowing you to manage volume, tracks, and modes directly from your steering wheel.
- **Original USB Support:** If your original car is equipped with a USB port, this harness allows for its continued use with the aftermarket head unit.
- **Radio Antenna Adapter:** Provides a seamless connection for your vehicle's radio antenna to the aftermarket stereo, ensuring clear radio reception.

Maintenance

The Strpump 16-Pin Power Harness is a passive component and requires minimal maintenance. Ensure all connections remain secure and free from moisture or excessive heat. Periodically check for any signs of wear or damage to the wiring, especially if the stereo unit is frequently removed or re-installed.

Troubleshooting

- **No Power to Aftermarket Radio:**
  - Verify that the 16-pin connector is fully seated into the aftermarket radio's socket.
  - Check all vehicle-side connectors to ensure they are securely plugged into the harness.
  - Confirm that your vehicle's fuse for the radio is intact and not blown.
- **Steering Wheel Controls Not Functioning:**

- Ensure the specific steering wheel control wires (KEY1, KEY2) are correctly connected and configured in your aftermarket radio's settings. Refer to your aftermarket radio's manual for programming steering wheel controls.
- Verify that your vehicle model is fully compatible with the steering wheel control retention feature.

- **No Audio Output or Distorted Sound:**
  - Check all speaker wire connections from the harness to the aftermarket radio. Ensure correct polarity.
  - Confirm that the harness is designed for non-JBL systems. If your vehicle has a factory JBL amplifier, this harness is not compatible and will result in no or poor audio.
- **USB Port Not Working:**
  - Ensure the USB adapter cable is properly connected to both the harness and the aftermarket radio's USB input.
  - Verify that your aftermarket radio supports the original USB port functionality.
- **Harness Does Not Fit:**
  - Double-check your vehicle's model and year against the compatibility list.
  - Confirm that your vehicle does not have an OEM rearview camera or a factory JBL amplifier, as this harness is not compatible with those configurations.
  - If you are still unsure, contact the seller with a picture of your original CD player's back connector for assistance.

Specifications

Brand	Strpump
Model Number	Toyota-Basic
Manufacturer	strpump
Item Weight	3.84 ounces
Package Dimensions	6.85 x 3.23 x 1.46 inches
Material	Plastic
Cable Type	USB
Connector Type	USB

Warranty & Support

For any questions regarding compatibility, installation, or troubleshooting, please contact the seller directly. The seller can provide specific guidance and support for different car specifications and harness requirements.

Please refer to your purchase documentation or the seller's contact information on the platform where the product was purchased for support details.

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

Anonymous

Email

you@example.com

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