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Strpump d8d11a45-4654-41fd-8210-28080b47b2fb

Strpump 16-Pin Power Harness for Toyota JBL Amplifier Car Stereo

Model: d8d11a45-4654-41fd-8210-28080b47b2fb | Brand: Strpump

1. Product Overview

The Strpump 16-Pin Power Harness is designed to facilitate the installation of an aftermarket Android GPS navigation system into specific Toyota vehicles equipped with a factory JBL amplifier. This harness provides a plug-and-play solution, integrating with your vehicle's existing wiring without the need for cutting original car connectors.
It supports original steering wheel controls and retains the factory JBL amplifier functionality. This harness is generally suitable for high-specification Toyota models manufactured before 2010 that feature an original large display and JBL amplifier. It is important to verify compatibility by checking your vehicle's original radio connectors.

2. Compatibility

This power harness is compatible with the following Toyota models when equipped with a factory JBL amplifier:

- Toyota Camry
- Toyota Prado
- Toyota RAV4
- Toyota Sienna
- Toyota Tacoma
- Toyota Tundra
- Toyota Sequoia
- Toyota 4Runner

Important Note:

- This harness is not compatible with Pioneer, Sony, or Kenwood aftermarket radios. It is designed for aftermarket radios with a standard 16-pin power socket.
- It cannot retain the original Toyota OEM rearview camera. If your vehicle has an OEM camera, a different harness set may be required.
- For Tundra and Sequoia models, while it supports the factory JBL amplifier, it cannot retain the OEM camera.



Image: Strpump 16-Pin Power Harness specifically designed for older Toyota models with JBL amplifier systems.

3. Package Contents

The package includes:

- 1 x 16-Pin Power Harness

4. Setup and Installation

Professional installation is recommended. Before beginning, ensure the vehicle's battery is disconnected to prevent electrical damage.

4.1 Identify Vehicle Connectors

Carefully remove your original car radio to access the factory connectors. Compare them with the reference images provided to ensure compatibility.



Image: Reference image showing typical original car radio connectors and the vehicle's wiring harness, including a 20-pin connector.

4.2 Connect to Aftermarket Radio

Connect the 16-pin end of the Strpump power harness to the corresponding 16-pin power socket on your aftermarket Android stereo. Ensure a secure connection.



Image: Illustration of an aftermarket Android radio's rear panel, highlighting the 16-pin power socket where the harness connects.

4.3 Connect to Vehicle Harness

Plug the other end of the Strpump harness into the factory car connectors. This harness is designed for a plug-and-play fit, eliminating the need for wire cutting.



Image: Close-up view of the Strpump harness connectors, designed to interface with the vehicle's factory wiring.

4.4 Post-Installation Configuration

After installing the radio and harness, reconnect the vehicle battery. Turn on your aftermarket radio and perform the following steps:

1. Access your car radio's factory settings menu.
2. Select the appropriate CAN bus car protocol (model) for your vehicle.
3. Ensure the "external amplifier" setting is enabled to utilize the factory JBL amplifier.
4. Program your steering wheel controls within the radio's settings if applicable.

5. Wiring Diagram

Refer to the following diagram for detailed wiring information of the 16-pin connector. This diagram illustrates the function of each wire, including speaker outputs, power, ground, steering wheel controls, and amplifier control lines.

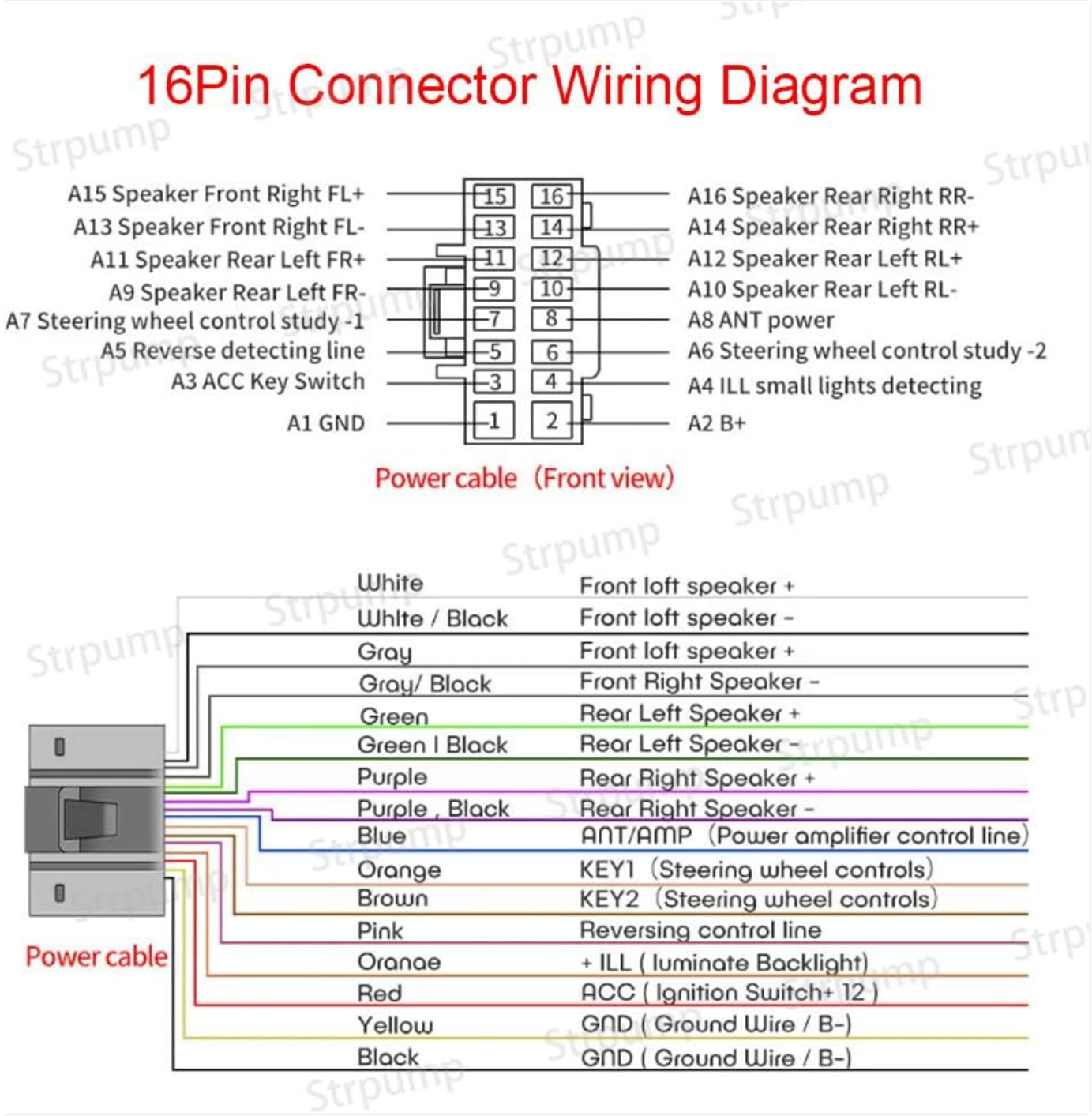


Image: Detailed wiring diagram for the 16-pin connector, showing wire colors and their corresponding functions (e.g., speaker, power, ground, steering wheel control, amplifier control).

16-Pin Power Cable Wiring Details

Wire Color	Function
White	Front Left Speaker +
White / Black	Front Left Speaker -
Gray	Front Right Speaker +
Gray / Black	Front Right Speaker -
Green	Rear Left Speaker +
Green / Black	Rear Left Speaker -

Wire Color	Function
Purple	Rear Right Speaker +
Purple / Black	Rear Right Speaker -
Blue	ANT/AMP (Power amplifier control line)
Orange	KEY1 (Steering wheel controls)
Brown	KEY2 (Steering wheel controls)
Pink	Reversing control line
Orange	+ ILL (Illuminate Backlight)
Red	ACC (Ignition Switch +12V)
Yellow	GND (Ground Wire / B-)
Black	GND (Ground Wire / B-)

6. Troubleshooting

- **No Audio Output:**
  Ensure the CAN bus car protocol is correctly selected in your aftermarket radio's factory settings. Verify that the "external amplifier" option is enabled. Incorrect settings can prevent sound from the JBL amplifier.
- **Steering Wheel Controls Not Functioning:**
  After installation, navigate to your aftermarket radio's settings and program the steering wheel controls. This harness supports the factory steering wheel controls.
- **OEM Rearview Camera Not Displaying:**
  This harness does not support the retention of the original Toyota OEM rearview camera. If your vehicle has an OEM camera, it will not function with this harness. A separate camera retention interface or alternative camera solution may be required.
- **Poor Audio Quality or Imbalance:**
  If audio quality is not optimal or there's an imbalance (e.g., minimal rear speaker volume), adjust the equalizer settings on your aftermarket radio. Some aftermarket units may require fine-tuning to achieve desired sound with the factory JBL amplifier.
- **Harness Does Not Fit:**
  Double-check your vehicle's original radio connectors against the provided reference images. This harness is specifically for Toyota models with JBL amplifiers and a 16-pin aftermarket radio socket. It is not compatible with all radio brands (e.g., Pioneer, Sony, Kenwood).

7. Specifications

Feature	Detail
Brand	Strpump
Model Number	d8d11a45-4654-41fd-8210-28080b47b2fb
Connector Type	16-Pin to Toyota Factory Connectors
Compatible Devices	Aftermarket Android GPS Navigation Systems (with 16-pin socket)

Feature	Detail
Compatible Vehicle Systems	Toyota vehicles with JBL Amplifier (pre-2010 models generally)
Color	Black (main harness)
Item Weight	4.2 ounces (0.12 Kilograms)
Package Dimensions	6.81 x 3.27 x 1.42 inches

8. Important Notes and Warnings

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure the aftermarket radio has a 16-pin power socket compatible with this harness.
- This harness is specifically designed for vehicles with a JBL amplifier. Functionality may vary or be absent in non-JBL equipped vehicles.
- The harness does not support the retention of the original Toyota OEM rearview camera.
- If you are unsure about any installation steps, consult a professional car audio installer.

9. Support

For further assistance or inquiries regarding the Strpump 16-Pin Power Harness, please refer to the seller's contact information or the product listing page where you made your purchase.

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.

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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.

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