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› UpStart Components Replacement Radio Wiring Harness for 2005 Ford F-150 (Model WH-70-5520-2PK-DL466) - Installation Manual

UpStart Components WH-70-5520-2PK-DL466

UpStart Components Replacement Radio Wiring Harness

MODEL: WH-70-5520-2PK-DL466

For 2005 Ford F-150 XLT Extended Cab Pickup 4-Door 5.4L

1. Introduction

This manual provides detailed instructions for the installation and use of the UpStart Components Replacement Radio Wiring Harness. This product is designed to simplify the installation of an aftermarket car stereo in compatible vehicles by providing pre-matched connections to the vehicle's factory wiring.

Please read this manual thoroughly before beginning installation to ensure proper and safe operation.

2. Features

- Direct replacement radio wiring harness for 2005 Ford F-150.
- OEM comparable design with pre-matched connections, eliminating the need for splicing or cutting factory wires.
- Constructed with high-quality electrical wiring for long-lasting reliability.
- Multi-colored wires for easy identification and foolproof installation.
- Supplied as a 2-pack for convenience or multiple installations.

3. Compatibility

This wiring harness is specifically designed for:

- **Vehicle:** 2005 Ford F-150 XLT Extended Cab Pickup 4-Door 5.4L

Important Compatibility Notes:

- This harness is **not** for use on vehicles equipped with "Factory Amplified" Sound Systems.
- Some vehicle functions, such as Steering Wheel Controls, speed sense, or other advanced features, may not be supported by this harness and may require additional adapters (sold separately).

4. Safety Information

Always prioritize safety during installation. Failure to follow these guidelines may result in damage to the vehicle, the product, or personal injury.

- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and electrical shock.
- **Professional Installation:** If you are unsure about any steps or lack experience with automotive electrical systems, consult a qualified professional installer.
- **Secure Connections:** Ensure all wire connections are secure and properly insulated to prevent short circuits and ensure reliable operation.
- **Wire Routing:** Route all wires carefully to avoid pinching, chafing, or interference with moving parts.

5. Package Contents

Your package should contain the following items:

- 2 x UpStart Components Radio Wiring Harnesses (Model WH-70-5520-2PK-DL466)

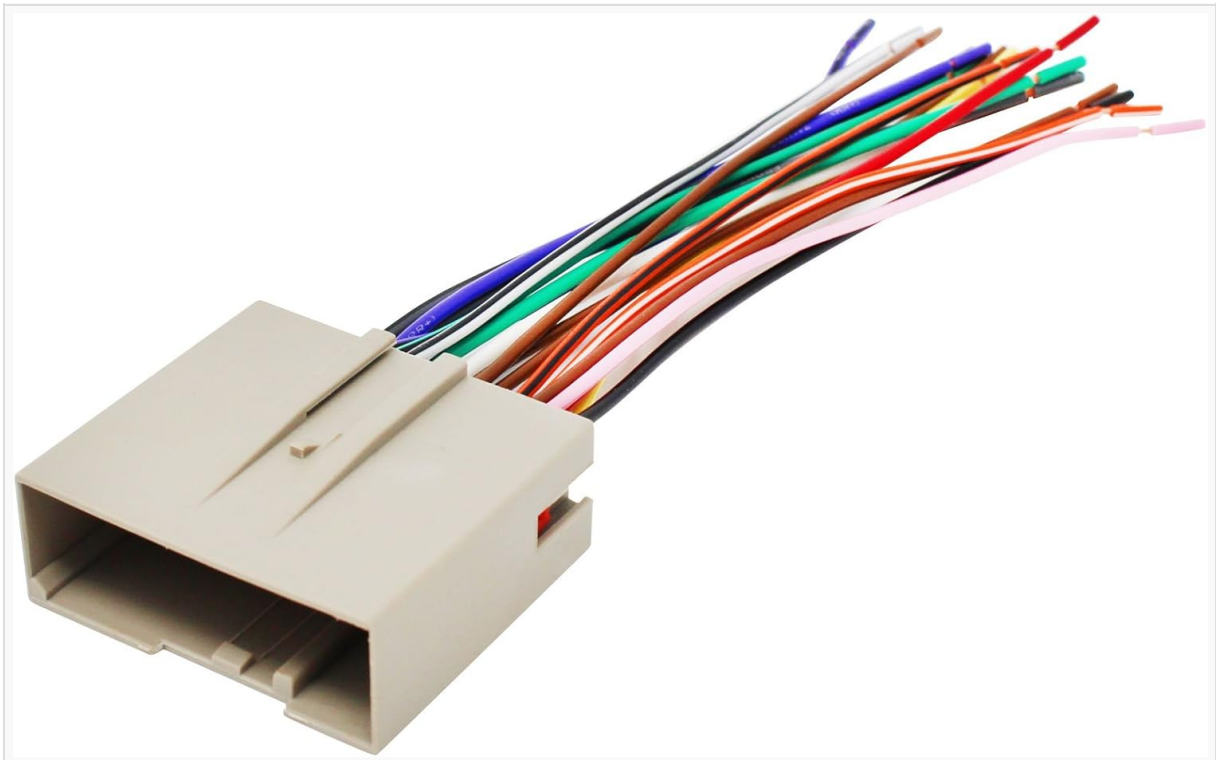


Image 1: UpStart Components Radio Wiring Harness. This image displays the main component of the product, showing the vehicle-specific connector on one end and the multi-colored bare wires on the other, ready for connection to an aftermarket radio.

6. Setup and Installation

Follow these steps to install the UpStart Components Radio Wiring Harness:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off. Disconnect the negative terminal of the vehicle's battery. Remove the factory radio from the dashboard, following your vehicle's specific instructions.
2. **Identify Factory Harness:** Locate the factory radio wiring harness connector in your vehicle's dashboard.
3. **Wire Matching:** Refer to the wiring diagram provided with your aftermarket radio. Match the corresponding wires from the UpStart Components harness to the wires of your aftermarket radio. The multi-colored wires on the UpStart Components harness are designed for easy identification (e.g., yellow for constant power, red for accessory power, black for ground, etc.).







Image 2: Detailed view of the multi-colored wires. This image highlights the individual wires extending from the harness, each with a distinct color for easy identification during the wiring process.

- 4. Connect Wires:** Securely connect the matched wires. Recommended methods include soldering and insulating with heat-shrink tubing, or using high-quality crimp connectors. Ensure all connections are firm and properly insulated to prevent short circuits.
- 5. Connect Harness to Vehicle:** Plug the vehicle-specific connector of the UpStart Components harness into the factory radio wiring connector in your vehicle's dashboard.

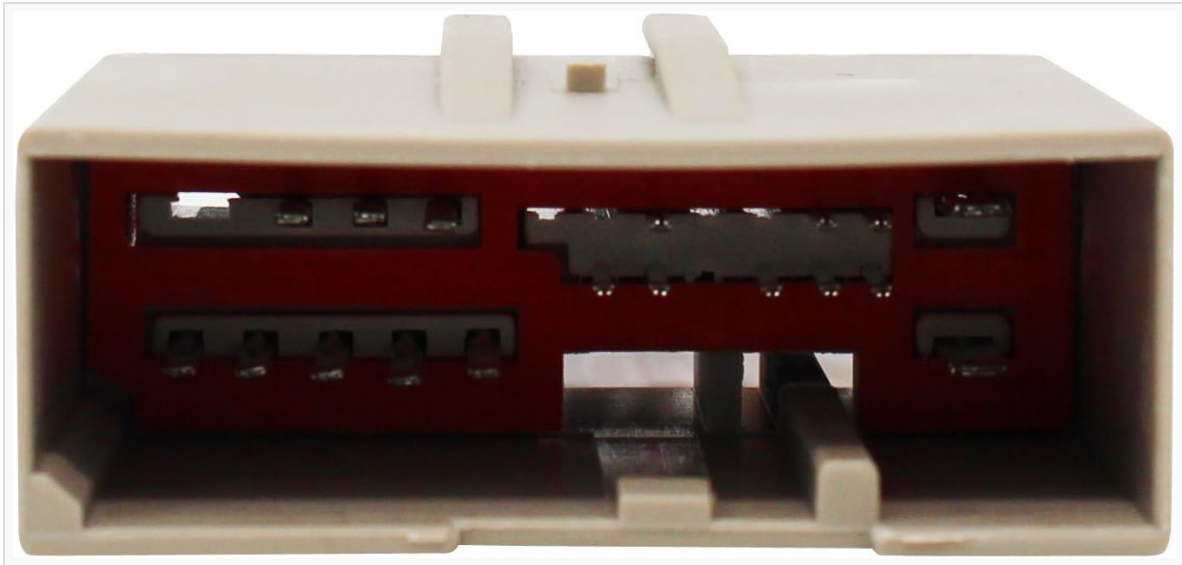


Image 3: Internal view of the connector pins. This image provides a close-up of the pin configuration within the vehicle-specific connector, illustrating how it interfaces with the factory wiring.

- 6. Connect Aftermarket Radio:** Connect the wiring from the UpStart Components harness (now connected to your aftermarket radio's wiring) to your aftermarket radio.
- 7. Test Functionality:** Reconnect the vehicle's negative battery terminal. Turn on the vehicle's ignition and test the aftermarket radio's functionality (power, audio, balance, fade, etc.).
- 8. Final Installation:** Once confirmed working, carefully tuck away excess wiring and reinstall the aftermarket radio into the dashboard.

7. Operating

The UpStart Components Radio Wiring Harness is a passive component that facilitates the electrical connection between your vehicle and an aftermarket radio. Once correctly installed, it enables the aftermarket radio to receive power, ground, and transmit audio signals through the vehicle's speaker system. Operation of the radio itself is dependent on the specific aftermarket unit installed.

8. Maintenance

This wiring harness requires no specific maintenance. Ensure that all connections remain secure and free from moisture or physical damage. Periodically check for any signs of wear or corrosion if issues arise.

9. Troubleshooting

- **No Power to Radio:**

- Check the vehicle's battery connection.
- Verify the vehicle's fuse for the radio circuit.
- Ensure all power and ground wires on the harness are securely connected to the aftermarket radio.

- **No Sound:**

- Confirm all speaker wires are correctly connected and not shorted.
- Check the aftermarket radio's settings (e.g., volume, balance, fade, mute).
- Ensure the vehicle does not have a factory amplified system, as this harness is not compatible.

- **Intermittent Functionality:**

- Re-check all wire connections for looseness or poor contact.
- Inspect wires for any damage or exposed sections that could cause a short.

- **Steering Wheel Controls Not Working:**

- This harness does not support steering wheel controls. An additional interface module is required for this functionality (sold separately).

10. Specifications

Brand	UpStart Components
Model Number	WH-70-5520-2PK-DL466
Product Dimensions	Approximately 12 x 1.3 x 4.25 inches
Material	Acrylonitrile Butadiene Styrene (ABS) for connector, Copper wiring
Connector Type	Vehicle-specific multi-pin connector to bare wire leads

11. Warranty and Support

This product is an UpStart Components brand replacement part. It is not an OEM product and is not affiliated with any OEM brands. Any warranties for this product are offered solely by UpStart Components and are not covered under any warranties offered by the original manufacturers.

For warranty claims or technical support, please contact UpStart Components directly through their official support channels.