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Connects2 CT20VX04

Connects2 CT20VX04 Harness Adapter Instruction Manual

Vehicle-Specific Cable Assembly for Vauxhall Astra H, Corsa C, Vectra C

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and correct installation of the Connects2 CT20VX04 Harness Adapter. This adapter is designed to facilitate the installation of an aftermarket car stereo into specific Vauxhall vehicles, ensuring proper power, speaker, and antenna connections, including phantom power for the original Fakra antenna system.

2. SAFETY INFORMATION

- Always disconnect the vehicle's negative battery terminal before beginning any electrical installation to prevent short circuits and electrical damage.
- Ensure all connections are secure and properly insulated to avoid electrical shorts.
- If you are unsure about any part of the installation process, consult a qualified automotive electrician.
- Do not modify the harness adapter. Unauthorized modifications can lead to malfunction or damage.
- Keep the product away from moisture and extreme temperatures.

3. PACKAGE CONTENTS

Please verify that all components are present before proceeding with the installation:

- Connects2 CT20VX04 Harness Adapter (Main Unit)
- Fakra Antenna Adapter with Phantom Power Supply
- Vehicle-Specific ISO Connector

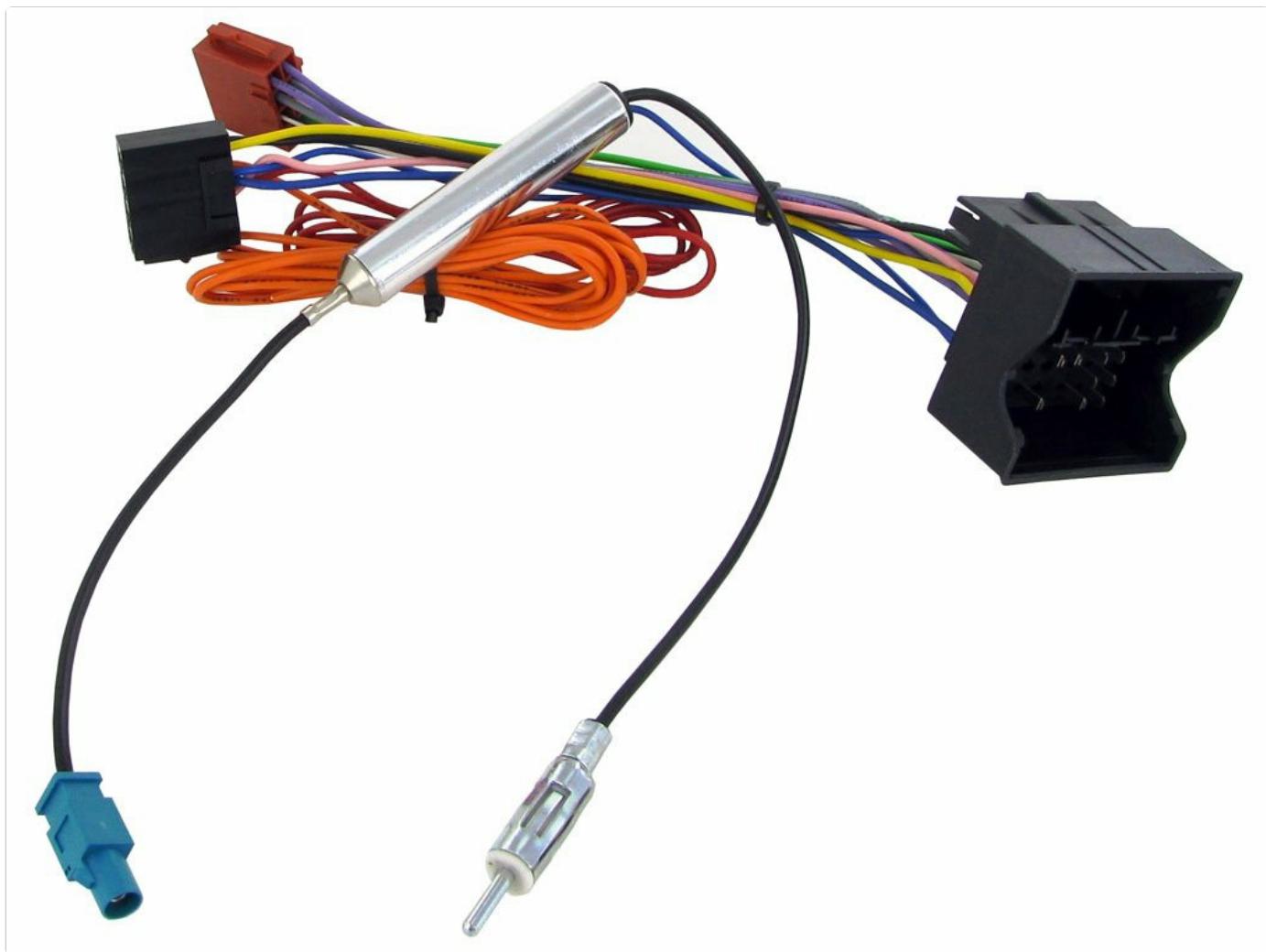


Figure 1: The Connects2 CT20VX04 Harness Adapter. This image displays the primary wiring loom, including the vehicle-specific ISO connector for power and speakers, and the Fakra antenna adapter with its integrated phantom power supply.

4. COMPATIBILITY

The Connects2 CT20VX04 Harness Adapter is compatible with the following Vauxhall vehicle models from 2004 onwards:

- Vauxhall Astra H (2004 onwards)
- Vauxhall Corsa C (2004 onwards)
- Vauxhall Vectra C (2004 onwards)
- Vauxhall Tigra (2004 onwards)

Note: Vehicle compatibility may vary based on specific trim levels or factory-fitted options. Always verify the existing wiring harness in your vehicle matches the adapter's connectors before installation.

5. SETUP AND INSTALLATION

Follow these steps carefully to install the harness adapter:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off. Disconnect the negative terminal of the car battery to prevent electrical shorts during installation.
2. **Remove Existing Head Unit:** Carefully remove the factory-fitted car stereo from the dashboard. Refer to your vehicle's service manual for specific removal instructions.
3. **Connect Power/Speaker Harness:** Locate the vehicle's factory wiring harness. Connect the vehicle-specific ISO

connector from the CT20VX04 adapter to the corresponding connector in your vehicle. Ensure a firm and secure connection.

4. **Connect Antenna Adapter:** Locate the vehicle's Fakra antenna connector. Connect the Fakra antenna adapter from the CT20VX04 to the vehicle's antenna cable. The adapter includes a phantom power supply, which is essential for active (amplified) factory antennas to function correctly with an aftermarket head unit.
5. **Connect to Aftermarket Head Unit:** Connect the ISO and DIN antenna connectors from the CT20VX04 adapter to the corresponding ports on your new aftermarket car stereo.
6. **Test Connections:** Before fully reassembling the dashboard, reconnect the vehicle's negative battery terminal. Turn on the ignition and test the new head unit's functionality, including power, audio output from all speakers, and radio reception.
7. **Secure and Reassemble:** Once all functions are verified, disconnect the battery again. Secure all wiring to prevent rattles or damage. Carefully reinstall the aftermarket head unit and reassemble the dashboard components. Reconnect the battery.

6. OPERATING INSTRUCTIONS

The Connects2 CT20VX04 Harness Adapter is a passive component designed to facilitate the connection of an aftermarket head unit. Once correctly installed, its operation is integrated with the functionality of your new car stereo. Refer to your aftermarket head unit's instruction manual for specific operating procedures.

7. MAINTENANCE

The CT20VX04 Harness Adapter requires minimal maintenance. Periodically, if you experience issues, you may:

- Check all connections for tightness and corrosion.
- Ensure wiring is not pinched or damaged.

No user-serviceable parts are contained within the adapter. Do not attempt to open or repair the unit.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to aftermarket head unit.	<ul style="list-style-type: none">◦ Loose power connection.◦ Blown fuse in vehicle or head unit.◦ Incorrect wiring.	<ul style="list-style-type: none">◦ Check all power connections on the harness and to the head unit.◦ Inspect vehicle and head unit fuses; replace if necessary.◦ Verify wiring against vehicle and head unit diagrams.
No sound from speakers.	<ul style="list-style-type: none">◦ Loose speaker connections.◦ Incorrect speaker wiring.◦ Head unit settings.	<ul style="list-style-type: none">◦ Check all speaker connections on the harness and to the head unit.◦ Ensure correct polarity and connections.◦ Verify fader/balance settings on the head unit.

Problem	Possible Cause	Solution
Poor or no radio reception.	<ul style="list-style-type: none">Antenna adapter not connected.Phantom power not supplied to active antenna.Damaged antenna cable.	<ul style="list-style-type: none">Ensure the Fakra antenna adapter is securely connected.Verify the phantom power wire (usually blue) from the adapter is connected to the head unit's antenna remote output.Inspect the vehicle's antenna cable for damage.

9. SPECIFICATIONS

Model Number	CT20VX04
Brand	Connects2
Compatibility	Vauxhall Astra H, Corsa C, Vectra C, Tigra (2004 onwards)
Connector Type	Vehicle-specific ISO, Fakra Antenna, DIN Antenna
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	3.88 ounces (110 Grams)
Package Dimensions	11.81 x 5.39 x 2.01 inches

10. WARRANTY AND SUPPORT

Connects2 products are designed for reliability and performance. For warranty information or technical support, please refer to the official Connects2 website or contact your authorized dealer. Keep your proof of purchase for any warranty claims.