Xpertx Solutions XSCRFT01

OBDII OBD2 Cable User Manual

Xpertx Solutions Aftermarket Replacement Cable

1. Product Overview

This document provides essential information for the proper use and maintenance of your Xpertx Solutions OBDII OBD2 Cable. This heavy-duty aftermarket replacement cable is designed to connect compatible Craftsman scan tools to vehicle OBD2 ports for diagnostic purposes.

Key features include:

- Compatibility with various Craftsman scan tool models (e.g., 47177, 47208, 47209, 25488, 20890, 87702, 20899).
- Standard connectors: 25-pin male (for scan tool) to 16-pin male OBD2 (for vehicle).
- Durable, heavy-duty construction.
- Length of 5 feet for convenient use.

2. Product Images



Overall view of the Xpertx Solutions OBDII OBD2 Cable, illustrating its full length and the two distinct connector types at each end. The cable is black and appears coiled in the center.



Detailed view of the 25-pin male connector, typically used to interface with the Craftsman scan tool. The pins are clearly visible, designed for a secure and precise connection.



Close-up of the 16-pin male OBD2 connector, which plugs into the vehicle's diagnostic port. The trapezoidal shape and pin configuration are standard for OBD2 connections.

3. Setup and Connection

To set up and use your OBDII OBD2 cable, follow these steps:

1. **Identify Connectors:** Locate the 25-pin male connector and the 16-pin male OBD2 connector on the cable.
2. **Connect to Scan Tool:** Carefully insert the 25-pin male connector into the corresponding port on your compatible Craftsman scan tool. Ensure the connection is firm and secure.
3. **Locate Vehicle OBD2 Port:** The vehicle's OBD2 diagnostic port is typically located under the dashboard on the driver's side, though its exact position may vary by vehicle model. Consult your vehicle's owner's manual if you cannot locate it.
4. **Connect to Vehicle:** Plug the 16-pin male OBD2 connector into the vehicle's OBD2 diagnostic port. Ensure it clicks into place securely.
5. **Verify Compatibility:** Before purchasing, ensure your specific Craftsman scan tool model is listed as compatible with this cable. OBDII cables may appear similar externally but are wired differently internally for various scan tool models.

4. Operating Instructions

This cable serves as a data transfer conduit between your Craftsman scan tool and the vehicle's onboard diagnostic system. Once the cable is securely connected to both the scan tool and the vehicle's OBD2 port, the operation of the diagnostic process is managed by your scan tool.

- Ensure both ends of the cable are fully seated before powering on your scan tool or vehicle.
- Follow the specific operating instructions provided with your Craftsman scan tool for reading codes, viewing live data, or performing other diagnostic functions.
- Avoid bending or twisting the cable excessively during use, as this can damage internal wiring.
- Always disconnect the cable by pulling on the connector housing, not the cable itself, to prevent damage.

5. Maintenance and Care

Proper care and maintenance will extend the lifespan of your OBDII OBD2 cable. Cables are wear items and can degrade over time with frequent use.

- **Storage:** Store the cable in a clean, dry place, away from extreme temperatures and direct sunlight. Avoid tightly coiling or kinking the cable.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the cable for any signs of wear, such as frayed insulation, exposed wires, or bent/corroded pins on the connectors.
- **Handling:** Always handle the cable by its connectors when plugging or unplugging. Never pull on the cable itself to disconnect it.
- **Disposal:** Properly dispose of damaged or worn-out cables according to local electronic waste regulations.

6. Troubleshooting

If you experience issues while using your OBDII OBD2 cable, consider the following troubleshooting steps:

- **No Connection/Intermittent Connection:**
  - Ensure both the 25-pin connector and the 16-pin OBD2 connector are fully and securely seated.
  - Check for any visible damage to the cable, such as cuts, kinks, or bent/missing pins on the connectors.
  - Many intermittent problems are a result of a worn or damaged cable. If possible, test with a known good cable to rule out the cable as the source of the issue.
- **Scan Tool Not Powering On:**
  - Verify that your vehicle's ignition is in the "ON" position (or engine running, as required by your scan tool).
  - Confirm the vehicle's OBD2 port is functional (e.g., by testing with another known good device, if available).
- **Incorrect Readings/Data Errors:**
  - Ensure the cable is compatible with your specific Craftsman scan tool model. Internal wiring differences can cause communication issues.
  - Refer to your scan tool's manual for specific error codes or diagnostic procedures.

Recommendation: Due to their nature as wear items, it is advisable to keep a spare cable available. This allows for quick diagnosis of cable-related issues and serves as an immediate replacement if your primary cable becomes faulty.

7. Specifications

Feature	Detail
Brand	Xpertx Solutions
Model Number	XSCRFT01
Connectors	25-pin Male (for scan tool) to 16-pin Male OBD2 (for vehicle)
Cable Length	5 feet (approximately 1.5 meters)
Cable Type	OBDII Diagnostic Cable
Compatible Devices	Craftsman Scan Tools (models 47177, 47208, 47209, 25488, 20890, 87702, 20899), Vehicle OBD2 Ports
Special Feature	Data Transfer for Automotive Diagnostics
Color	Black

Feature	Detail
Item Weight	10 Ounces (approximately 283 grams)
Product Dimensions	10 x 8 x 1.5 inches (packaging dimensions)

8. Warranty Information

This Xpertx Solutions OBDII OBD2 Cable comes with a**30-day return policy** for exchange or refund. This warranty covers manufacturing defects and ensures customer satisfaction. Please retain your proof of purchase for any warranty claims.

9. Customer Support

For any questions, technical assistance, or support regarding your Xpertx Solutions OBDII OBD2 Cable, please contact the seller or manufacturer directly through the platform where the purchase was made. Provide your order details and a clear description of your inquiry to facilitate prompt assistance.

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Product Model: XSCRFT01