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## RGV Cables OBD2-25PIN-BLK

# Craftsman Code Reader Scanner OBD2 Replacement Cable Connector OBDII User Manual

Brand: RGV Cables | Model: OBD2-25PIN-BLK

## 1. INTRODUCTION

This document serves as the official user manual for the RGV Cables Heavy Duty OBD2 Replacement Cable. This cable is specifically designed to connect Craftsman Code Reader Scanners to a vehicle's On-Board Diagnostics II (OBD2) port, facilitating diagnostic procedures. It provides a reliable and durable connection for accurate data retrieval.

Please read this manual thoroughly before using the cable to ensure correct setup and operation.

## 2. KEY FEATURES

- **Heavy Duty Construction:** Engineered for durability and long-term use in demanding automotive environments.
- **Optimal Length:** Features a 5-foot (approximately 1.5 meters) cable length for convenient reach.
- **25-Pin Male Connector:** Designed to interface seamlessly with compatible Craftsman diagnostic scanners.
- **OBD2 Connector:** Standard 16-pin OBD2 connector for universal compatibility with vehicle diagnostic ports.
- **Heat Resistant:** Constructed with materials that offer resistance to heat, enhancing reliability.

## 3. COMPATIBLE CRAFTSMAN SCANNER MODELS

This replacement cable is compatible with the following Craftsman Code Reader Scanner models:

- 47177
- 47208
- 47209
- 25488
- 20890
- 87702
- 20899

Ensure your Craftsman scanner model is listed above for proper compatibility.

## 4. SETUP INSTRUCTIONS

Follow these steps to properly connect your RGV Cables OBD2 Replacement Cable to your Craftsman scanner and vehicle:

1. **Locate the Scanner Port:** Identify the 25-pin port on your Craftsman Code Reader Scanner. This is typically located on the side or back of the device.
2. **Connect to Scanner:** Carefully align the 25-pin male connector of the RGV cable with the corresponding port on your Craftsman scanner. Gently push until it clicks securely into place. Do not force the connection.
3. **Locate Vehicle OBD2 Port:** The OBD2 port is usually located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's owner's manual if you cannot locate it.
4. **Connect to Vehicle:** Align the 16-pin OBD2 connector of the RGV cable with the vehicle's OBD2 port. Push firmly until it is fully seated.
5. **Verify Connection:** Ensure both ends of the cable are securely connected before powering on your scanner or vehicle. A loose connection can lead to intermittent communication or inaccurate readings.



Image: The RGV Cables OBD2 Replacement Cable, featuring the 25-pin connector on one end and the 16-pin OBD2 connector on the other, designed for connecting Craftsman scanners to vehicles.



Image: A detailed view of the 25-pin male connector, which connects to the Craftsman Code Reader Scanner.

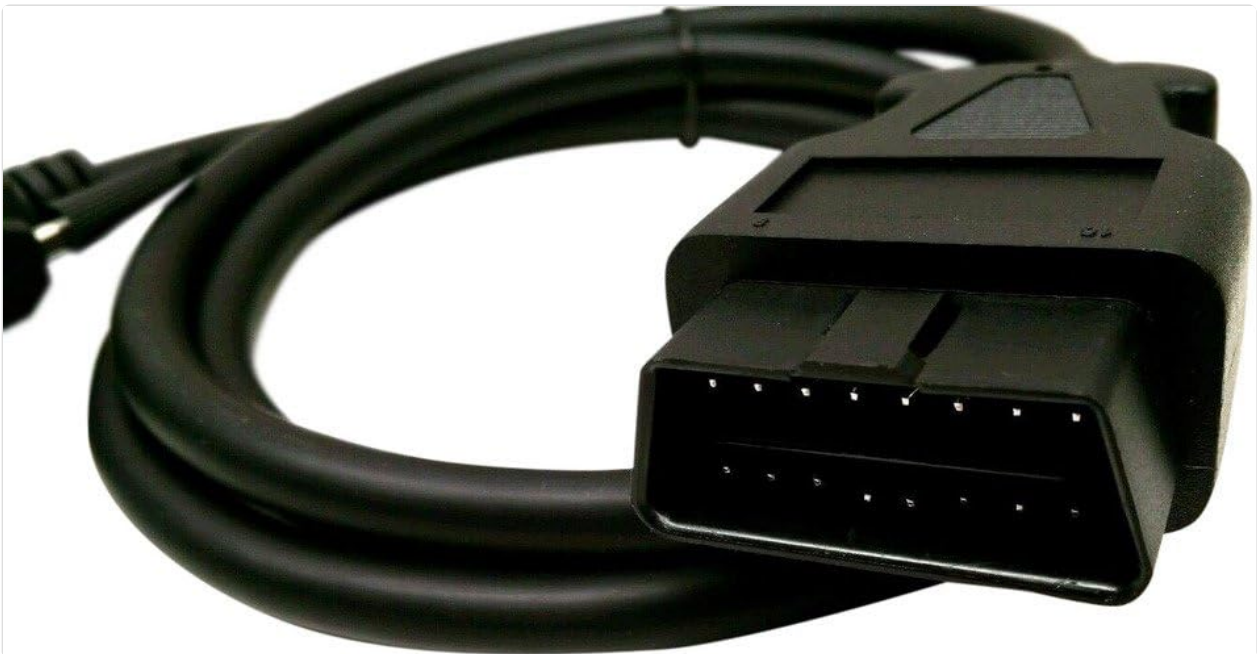


Image: A detailed view of the 16-pin OBD2 connector, which plugs into the vehicle's diagnostic port.

## 5. OPERATING INSTRUCTIONS

Once the RGV Cables OBD2 Replacement Cable is securely connected to both your Craftsman scanner and

the vehicle's OBD2 port, you can proceed with diagnostic operations:

1. **Power On Scanner:** Turn on your Craftsman Code Reader Scanner. The scanner should detect the connection to the vehicle.
2. **Vehicle Ignition:** Turn the vehicle's ignition to the 'ON' position (engine off) or start the engine, as required by your specific diagnostic procedure or scanner model.
3. **Perform Diagnostics:** Use your Craftsman scanner to perform desired diagnostic functions, such as reading trouble codes, viewing live data, or performing system tests. The cable facilitates the communication between the scanner and the vehicle's onboard computer.
4. **Disconnect Safely:** After completing your diagnostic tasks, turn off the scanner and the vehicle's ignition. Carefully disconnect the OBD2 connector from the vehicle first, then disconnect the 25-pin connector from the scanner. Avoid pulling the cable by the wire; always grasp the connector ends.

## 6. CARE AND MAINTENANCE

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Proper care and maintenance will extend the life of your RGV Cables OBD2 Replacement Cable:

- **Storage:** Store the cable in a clean, dry place away from direct sunlight and extreme temperatures. Coiling the cable loosely can prevent kinks and damage. The cable is designed to be coiled in protective tubing for storage.
- **Cleaning:** If the cable or connectors become dirty, wipe them with a clean, dry, lint-free cloth. Do not use harsh chemicals or abrasive cleaners.
- **Handling:** Always grasp the connectors when plugging or unplugging the cable. Avoid pulling on the cable itself, as this can damage the internal wiring or connector integrity.
- **Inspection:** Periodically inspect the cable for any signs of wear, cuts, or damage to the insulation or connectors. If any damage is observed, discontinue use and replace the cable.

## 7. TROUBLESHOOTING

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If you encounter issues while using your RGV Cables OBD2 Replacement Cable, consider the following common problems and solutions:

- **No Communication with Vehicle:**
  - Ensure both ends of the cable are securely connected to the scanner and the vehicle's OBD2 port.
  - Verify the vehicle's ignition is in the 'ON' position or the engine is running, as required.
  - Check your Craftsman scanner's settings and ensure it is configured for the correct vehicle protocol (if applicable).
  - Inspect the cable for any visible damage (cuts, kinks, bent pins).
- **Scanner Not Powering On (via OBD2):**
  - Confirm the vehicle's OBD2 port is receiving power. This can sometimes be checked with a multimeter or by trying another known-good OBD2 device.

- Ensure the cable's connectors are clean and free of debris.

- **Intermittent Connection:**

- Ensure the cable is not under tension or being pulled during use.
- Check for any loose connections at either the scanner or vehicle port.
- The cable might be damaged internally. Consider replacing it if issues persist.

If troubleshooting steps do not resolve the issue, please refer to the 'Warranty and Support' section for further assistance.

## 8. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	RGV Cables
Model Name	OBD2-25PIN
Item Model Number	OBD2-25PIN-BLK
Manufacturer Part Number	06-HD
Cable Type	OBD2
Connector Type	OBD2, 25 Pin
Connector Gender	Male-to-Male
Number of Pins (Scanner Side)	25
Cable Length	5 feet (approx. 1.5 meters)
Color	Black
Special Feature	Heat Resistant
Compatible Devices	Craftsman Scanners (models listed in Section 3)
Recommended Uses	Connecting Craftsman Scanners to vehicles' OBD2 systems for diagnostic purposes
Maximum Voltage	5 Volts
Indoor/Outdoor Usage	Indoor, Outdoor
Manufacturer	RGV Goods
Date First Available	April 17, 2017

## 9. WARRANTY AND SUPPORT

RGV Cables stands behind the quality of its products. For specific warranty information, return policies, or technical support regarding your OBD2 Replacement Cable, please refer to the purchase documentation or contact RGV Goods directly through their official channels.

For general inquiries or assistance, you may also visit the product page on Amazon.com or contact Amazon customer service.