

LAUNCH YZKJ (OBD-II Extension Cable for LAUNCH X431 Elite PRO5)

LAUNCH OBD-II Extension Cable (Model YZKJ) User Manual

For use with LAUNCH X431 Elite PRO5 Scan Tools and other compatible OBD-II diagnostic devices.

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1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of the LAUNCH OBD-II Extension Cable, Model YZKJ. This cable is designed to extend the reach of your diagnostic scan tool, such as the LAUNCH X431 Elite PRO5, to the vehicle's On-Board Diagnostics (OBD-II) port. It facilitates easier connection and operation, especially in hard-to-reach port locations.

2. PRODUCT OVERVIEW

The LAUNCH OBD-II Extension Cable features a standard 16-pin male connector on one end and a 16-pin female connector on the other. It is constructed with durable materials to ensure reliable data transmission between your vehicle and diagnostic device.



Figure 2.1: LAUNCH OBD-II Extension Cable showing both the male and female 16-pin connectors. The cable is flat and flexible, designed for easy routing.



Figure 2.2: The LAUNCH OBD-II Extension Cable in a coiled state, highlighting the male connector end. This view emphasizes the compact design for storage.

3. SETUP

1. **Locate the Vehicle's OBD-II Port:** The OBD-II 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.
2. **Connect the Male End to the Vehicle:** Carefully plug the male 16-pin connector of the extension cable into the vehicle's OBD-II port. Ensure a firm and secure connection. Do not force the connector.
3. **Connect the Female End to the Scan Tool:** Plug your LAUNCH X431 Elite PRO5 scan tool (or other compatible diagnostic device) into the female 16-pin connector of the extension cable. Ensure this connection is also firm and secure.
4. **Verify Connection:** Once both ends are connected, ensure there are no loose connections. The extension cable is now ready for use with your diagnostic tool.

4. OPERATING INSTRUCTIONS

The LAUNCH OBD-II Extension Cable acts as a pass-through for data communication. Its operation is passive and

directly tied to the diagnostic tool it is connected to. Follow the operating instructions provided with your specific diagnostic scan tool (e.g., LAUNCH X431 Elite PRO5) for performing vehicle diagnostics.

- Ensure the vehicle's ignition is in the 'ON' position (engine off or running, as required by your scan tool).
- Operate your diagnostic scan tool as per its manufacturer's instructions.
- The extension cable facilitates access; it does not alter or process diagnostic data.

5. MAINTENANCE

- **Cleaning:** Keep the cable and its connectors clean and free from dust, dirt, and moisture. Use a soft, dry cloth to wipe the cable. For connectors, a cotton swab lightly dampened with isopropyl alcohol can be used, ensuring it is completely dry before use.
- **Storage:** When not in use, coil the cable loosely and store it in a dry, cool place away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks in the cable.
- **Inspection:** Periodically inspect the cable for any signs of damage, such as cuts, fraying, or bent pins on the connectors. Do not use a damaged cable.

6. TROUBLESHOOTING

No Communication with Scan Tool

- **Check Connections:** Ensure both the male end of the extension cable is securely plugged into the vehicle's OBD-II port and the female end is securely connected to your scan tool.
- **Inspect Pins:** Verify that none of the pins on either connector of the extension cable or your scan tool are bent, broken, or corroded.
- **Bypass Cable:** To rule out the extension cable as the source of the problem, try connecting your scan tool directly to the vehicle's OBD-II port. If communication is established, the extension cable may be faulty.
- **Vehicle Power:** Ensure the vehicle's ignition is in the correct position (usually 'ON') to power the OBD-II port.

Intermittent Connection

- **Secure Connections:** Re-seat all connections to ensure they are tight and not vibrating loose during use.
- **Cable Integrity:** Check the entire length of the cable for any visible damage or stress points that could cause intermittent breaks in the internal wiring.

7. SPECIFICATIONS

Model Number	YZKJ
Brand	LAUNCH
Connector Type	OBD-II 16-pin Male to 16-pin Female
Item Weight	2.39 ounces (approx. 67.7 grams)
Package Dimensions	6.25 x 5.25 x 1.25 inches (approx. 15.88 x 13.34 x 3.18 cm)
Manufacturer	LAUNCH

8. WARRANTY & SUPPORT

For specific warranty information and technical support regarding your LAUNCH OBD-II Extension Cable, please refer to the documentation included with your purchase or contact LAUNCH customer service directly. Contact details can typically be found on the official LAUNCH website or on the product packaging.

Always ensure you are using genuine LAUNCH products and accessories for optimal performance and compatibility with your LAUNCH diagnostic tools.