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› MUCAR CS90 + DRIVERSCAN OBD2 Scanner User Manual

mucar CS90 + DRIVERSCAN

MUCAR CS90 + DRIVERSCAN OBD2 Scanner User Manual

Model: CS90 + DRIVERSCAN

INTRODUCTION

This manual provides detailed instructions for the proper use, setup, operation, and maintenance of the MUCAR CS90 + DRIVERSCAN OBD2 Scanner. Please read this manual thoroughly before using the device to ensure safe and efficient operation.

The MUCAR CS90 + DRIVERSCAN OBD2 Scanner is a comprehensive diagnostic tool designed for automotive systems. It combines the capabilities of the CS90 Engine System Diagnostic Tool with 28 reset functions and the DRIVERSCAN Full System Bidirectional Scan Tool with 15 reset functions.

SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure the vehicle's ignition is off before connecting or disconnecting the device.
- Do not operate the device in wet conditions.
- Keep the device away from strong magnetic fields.
- Refer to your vehicle's service manual for specific diagnostic procedures.

PRODUCT COMPONENTS

The package typically includes:

- MUCAR CS90 Diagnostic Tool
- DRIVERSCAN OBD2 Dongle
- OBD2 Cable (if applicable)
- USB Charging Cable
- User Manual (this document)



Image: The MUCAR CS90 handheld diagnostic tool and the DRIVERSCAN OBD2 dongle, along with a smartphone displaying the diagnostic app interface.

SETUP GUIDE

1. Initial Setup of CS90

1. **Charge the Device:** Connect the CS90 to a power source using the provided USB cable. Ensure it is fully charged before first use.
2. **Power On:** Press and hold the power button to turn on the CS90 device.
3. **Language and Time Settings:** Follow the on-screen prompts to select your preferred language, time zone, and date.
4. **Wi-Fi Connection:** Connect the device to a stable Wi-Fi network for software updates. Navigate to *Settings > Wi-Fi* and select your network.
5. **Software Update:** Go to the *Update* section on the main menu and download any available software updates to ensure optimal performance and access to the latest vehicle data.

2. DRIVERSCAN OBD2 Dongle Setup

1. **Download the App:** Search for the "MUCAR" or "DRIVERSCAN" app on your smartphone's app store (iOS or Android) and install it.
2. **Register/Login:** Open the app and create a new account or log in with an existing one.
3. **Locate OBD2 Port:** Identify your vehicle's OBD2 diagnostic port, typically located under the dashboard on the driver's side.
4. **Connect Dongle:** Plug the DRIVERSCAN OBD2 dongle firmly into the vehicle's OBD2 port. The dongle's indicator light should illuminate.
5. **Pair via Bluetooth:** Turn on your smartphone's Bluetooth. Open the MUCAR/DRIVERSCAN app and follow the instructions to pair with the dongle. The app will usually detect the dongle automatically.



Image: A person installing the DRIVERSCAN OBD2 dongle into a vehicle's OBD2 port and interacting with the diagnostic app on a smartphone, illustrating ease of installation and connection.

OPERATING INSTRUCTIONS

1. Using the CS90 Diagnostic Tool

1. **Connect to Vehicle:** Connect the CS90 device to the vehicle's OBD2 port using the provided cable.
2. **Ignition On:** Turn the vehicle's ignition to the "ON" position (engine can be off).
3. **Automatic VIN Recognition:** The CS90 supports Auto VIN detection. It will attempt to automatically identify the vehicle's VIN for quick diagnosis.
4. **Engine System Diagnostics:** From the main menu, select "Diagnose" or "Engine". The device will scan the engine control module (ECM) for diagnostic trouble codes (DTCs) and live data.
5. **Read/Clear Codes:**
 - To read codes: Select "Read Codes" to view current, pending, and historic DTCs.
 - To clear codes: After addressing the issue, select "Clear Codes" to erase DTCs from the vehicle's memory.
6. **Live Data Stream:** View real-time sensor data, such as engine RPM, vehicle speed, oxygen sensor readings, etc. This helps in monitoring vehicle performance.
7. **28 Reset Services:** Access various maintenance reset functions, including Oil Reset, EPB Reset, SAS Reset, BMS Reset, TPMS Reset, DPF Regeneration, IMMO Reset, Injector Coding, etc. Select the desired service and follow the on-screen prompts.



Image: The MUCAR CS90 handheld device displaying its main menu with options for Diagnose, OBD, Maintenance, Update, History, File, Consult, and Settings, highlighting its comprehensive functionality.

2. Using the DRIVERSCAN Full System Scan Tool (via App)

1. **Ensure Connection:** Confirm the DRIVERSCAN dongle is plugged into the OBD2 port and successfully paired with the app via Bluetooth.
2. **Select Diagnostics:** In the app, navigate to the "Diagnostics" section. The app will automatically identify the vehicle.
3. **Full System Scan:** Initiate a full system scan to check all available electronic control units (ECUs) in the vehicle, including ABS, SRS, ECM, TCM, BCM, SAS, TPMS, IMMO, etc.
4. **Bidirectional Control:** This feature allows the app to send commands to vehicle systems to perform active tests, such as turning on/off components (e.g., fuel pump, fan, lights, windows, wipers) to verify their functionality. Select "Actuation Test" or "Bidirectional Control" and choose the component to test.
5. **15 Reset Services:** Access various maintenance reset functions available through the app, such as IMMO Reset, ETS Reset, TPMS Reset, Oil Reset, SAS Reset, Brake Reset, DPF Reset, Injector Coding, EGR, SUS, BMS, SUN, AFS, BOX.

6. **Generate Reports:** After diagnosis, the app can generate detailed diagnostic reports that can be saved or shared.



Image: The DRIVERSCAN app interface on a smartphone, displaying icons for various OBD2 data functions such as Read Codes, Erase Codes, Live Data, Vehicle Info, I/M Readiness, EVAP System Test, On-Board Monitor Test, View Freeze Frame, O2 Sensor Test, and DTC Code Look-up, with a Jeep in the background.

Supports Deep Scanning

All systems That Support Automobiles



ABS System



SRS System



ECM System



TCM System

Image: An illustration demonstrating the DRIVERSCAN app's capability to support deep scanning of various automotive systems, including ABS, SRS, ECM, TCM, BCM, SAS, TPMS, and IMMO, with a car chassis diagram highlighting these components.

Bidirectional Control Tool

Swiftly Locate and Fix Faulty Components

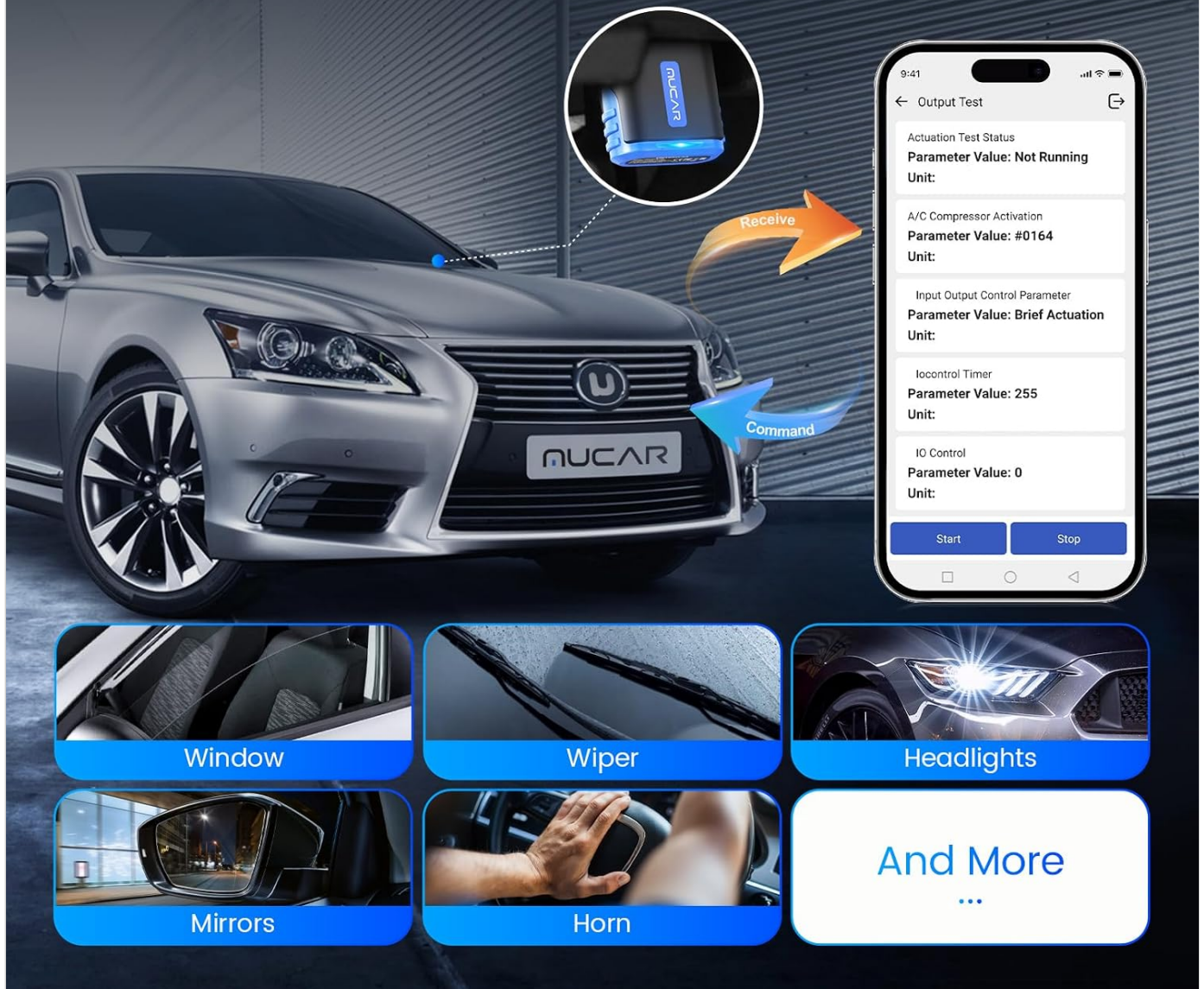


Image: The DRIVERSCAN app interface on a smartphone showing an "Actuation Test" screen, with an arrow indicating a command being sent from the app to the vehicle's system (e.g., A/C Compressor Activation), and images of various vehicle components like windows, wipers, headlights, mirrors, and horn, illustrating the bidirectional control capability.

Maintenance Service

Best Choice for Car Professional Repair Technicians



TPMS Reset



IMMO Reset



ETS Reset



Bleed Reset



OIL Reset



SAS Reset



Brake Reset



D.P.F Reset



Injec Reset



EGR



SUS



BMS



SUN



AFS



BOX

15 Powerful Reset Functions Help You Do Replacing/Resetting /Relearn /Initialization/Calibration On Your Car Kinds Of Module To Make Your Car Safer And More Reliable.

Image: A collage of images illustrating various maintenance service functions available through the DRIVERSCAN app, including IMMO Reset, ETS Reset, TPMS Reset, Oil Reset, SAS Reset, Brake Reset, DPF Reset, and Injector Coding, along with icons for EGR, SUS, BMS, SUN, AFS, and BOX, indicating 15 powerful reset functions.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Regularly check for and install software updates via Wi-Fi to ensure the device has the latest vehicle coverage and diagnostic capabilities. This is crucial for optimal performance.
- **Battery Care:** For the CS90, if not used for extended periods, charge the battery periodically to maintain its health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Low battery or power cable issue.	Ensure the device is fully charged. Check the USB cable and power adapter.
Cannot connect to vehicle.	Loose OBD2 connection, vehicle ignition off, or incompatible vehicle.	Ensure the OBD2 cable/dongle is securely connected. Turn vehicle ignition to "ON". Verify vehicle is OBD2 compliant (most vehicles 1996 and newer).
App cannot find DRIVERSCAN dongle.	Bluetooth off, dongle not powered, or app issue.	Ensure Bluetooth is enabled on your smartphone. Check if the dongle's indicator light is on. Restart the app and try pairing again.
Diagnostic results are incorrect or incomplete.	Outdated software or incorrect vehicle information.	Perform a software update. Ensure the correct VIN and vehicle details are recognized by the device/app.

SPECIFICATIONS

- **Product Name:** MUCAR CS90 + DRIVERSCAN OBD2 Scanner
- **Model:** CS90 (Handheld Diagnostic Tool), DRIVERSCAN (OBD2 Dongle)
- **Connectivity:** Wired (CS90), Bluetooth (DRIVERSCAN)
- **Power Input:** 9-18V DC (via OBD2 port), 5V DC (via USB for CS90 charging)
- **Key Features:**
 - CS90: Engine System Diagnostic Tool with 28 Reset Functions
 - DRIVERSCAN: Full System Bidirectional Scan Tool with 15 Reset Functions
 - Auto VIN Technology
 - Live Data Stream
 - Read & Clear DTCs
 - I/M Readiness Monitor Test
 - On-Board Monitor Test
 - O2 Sensor Test
 - EVAP System Test
 - Freeze Frame Data
 - DTC Look-up Library

WARRANTY AND SUPPORT

MUCAR products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official MUCAR website for detailed warranty terms and conditions.

For technical support, product inquiries, or warranty claims, please contact MUCAR customer service:

- **Email:** service@mucar.com
- **Online Support:** The MUCAR/DRIVERSCAN app often includes a built-in customer service chat or online support feature.
- **Website:** Visit the official MUCAR website for FAQs, software downloads, and additional support resources.

SUPPORTED

DriverScan delivers unmatched 24/7 Technical Support



**Connect with us
anytime, anywhere!**

 APP built-in customer service

 service@mucarco.com

 Support your Phone Number, We will arrange specialized technician connect with you

Image: A smartphone screen displaying a chat conversation with "Mucar Service" and contact information for support, including email and phone number, emphasizing 24/7 technical support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DT6CLH7F>

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