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› FOXWELL NT204 OBDII/EOBD CODE READER IS USEFUL FOR ENTRY LEVEL PRO AND SAVVY DIYER THAT CAN QUICKLY AND EFFICIENTLY TROUBLESHOOT OBDII/EOBD

FOXWELL NT204

FOXWELL NT204 OBDII/EOBD Code Reader User Manual

Model: NT204
Brand: FOXWELL

INTRODUCTION

The FOXWELL NT204 CAN OBDII/EOBD Code Reader is designed to assist both entry-level professionals and savvy DIYers in quickly and efficiently troubleshooting OBDII/EOBD problems in modern vehicles. This device features a 2.4-inch TFT color screen and dedicated hot keys for the I/M readiness test, offering excellent value for its functionality.



This image displays the FOXWELL NT204 OBDII/EOBD Code Reader. The device is orange and black, featuring a color screen that shows the main menu. Options visible on the screen include 'OBDII/EOBD', 'DTC lookup', 'Review Data', 'About', and 'Setup'. Below the screen are navigation buttons: 'UP', 'DOWN', 'ESC', 'ENTER', and an 'I/M' button. A diagnostic cable extends from the top of the device, ending in an OBD-II connector.

SETUP AND INITIAL USE

Before using your FOXWELL NT204, ensure your vehicle's ignition is in the **OFF** position. The device is powered directly from the vehicle's OBD-II port.

1. **Locate the OBD-II Port:** The 16-pin Data Link Connector (DLC) is typically located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's service manual for the exact location if needed.
2. **Connect the Scanner:** Plug the NT204's diagnostic cable connector firmly into the vehicle's DLC.
3. **Turn Ignition ON:** Turn the vehicle's ignition to the **ON** position (engine off). The NT204 will automatically power on and display the main menu.
4. **Initial Setup:** If this is your first time using the device, you may need to navigate to the **Setup** menu to configure language, measurement units, and other preferences. Use the **UP** and **DOWN** buttons to navigate, and **ENTER** to confirm selections.

OPERATING INSTRUCTIONS

The NT204 provides several key functions accessible from the main menu:

- **OBDII/EOBD:** This is the primary function for reading and clearing diagnostic trouble codes (DTCs), viewing live data, freeze frame data, and performing I/M readiness tests.
 - To access, select **OBDII/EOBD** from the main menu and press **ENTER**.
 - Follow the on-screen prompts to select desired functions like **Read Codes**, **Erase Codes**, **Live Data**, etc.
- **DTC Lookup:** Allows you to search for definitions of Diagnostic Trouble Codes (DTCs).
 - Select **DTC Lookup** and press **ENTER**.
 - Enter the DTC using the navigation buttons and press **ENTER** to view its definition.
- **Review Data:** Enables you to review previously recorded diagnostic data.
 - Select **Review Data** and press **ENTER**.
 - Choose the type of data you wish to review (e.g., recorded live data, freeze frame).
- **I/M Readiness Hot Key:** The dedicated **I/M** button provides quick access to the I/M Readiness status, which indicates if the various emissions-related systems on the vehicle are operating correctly and are ready for inspection.
 - Press the **I/M** button directly from the main screen or within the OBDII/EOBD menu.
 - The screen will display the status of various monitors (e.g., Misfire Monitor, Fuel System Monitor).
- **Navigation Buttons:**
 - **UP/DOWN:** Scroll through menu options or data lists.
 - **ENTER:** Confirm a selection or enter a submenu.
 - **ESC:** Return to the previous screen or exit a function.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NT204 Code Reader.

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a clean, dry environment, away from extreme temperatures, direct sunlight, and excessive dust.
- **Software Updates:** Periodically check the FOXWELL official website for available software updates. Updates can improve performance, add new features, or enhance vehicle compatibility. Follow the instructions provided on the website for the update process.

TROUBLESHOOTING

If you encounter issues with your NT204, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not power on.	- Loose connection to vehicle's DLC. - Vehicle's ignition is not ON. - Vehicle's battery is low or dead. - Blown fuse in vehicle's OBD-II circuit.	- Ensure the cable is securely connected to the DLC. - Turn the vehicle's ignition to the ON position (engine off). - Check vehicle battery voltage. - Inspect the vehicle's fuse box for a blown fuse related to the OBD-II port.
"Link Error" message displayed.	- Communication failure with vehicle. - Vehicle not OBD-II compliant. - Faulty cable.	- Verify the vehicle supports OBD-II protocols (most vehicles from 1996 onwards). - Ensure the ignition is ON and the engine is off. - Try connecting to another OBD-II compliant vehicle to rule out a device or cable issue. - Check for any aftermarket devices connected to the OBD-II port.
Cannot find DTC definition.	- DTC is manufacturer-specific. - Database not updated.	- Note down the code and search online for manufacturer-specific definitions. - Check for software updates for your NT204.

SPECIFICATIONS

Key technical specifications for the FOXWELL NT204 OBDII/EOBD Code Reader:

- **Model Number:** NT204
- **Item Weight:** 15.8 ounces
- **Product Dimensions:** 9.84 x 7.09 x 1.97 inches
- **Manufacturer:** FOXWELL
- **ASIN:** B074F33XBR
- **Date First Available:** July 25, 2019

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or visit the official FOXWELL website. Warranty terms and conditions may vary by region.

For technical support, product inquiries, or assistance with software updates, please contact FOXWELL customer service. You can often find support contact information on the manufacturer's official website or through their dedicated support channels.

Visit the official FOXWELL store for more information:[FOXWELL Store on Amazon](#)

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