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› TOPDON Phoenix XLink Scan Tool User Manual

## TOPDON Phoenix XLink-US

# TOPDON Phoenix XLink Scan Tool User Manual

Model: Phoenix XLink-US

## 1. PRODUCT OVERVIEW

The TOPDON Phoenix XLink is an advanced automotive diagnostic scan tool designed for professionals. It offers comprehensive features including ECU programming, online ECU coding, topology mapping, bi-directional control, and over 41 maintenance functions. This tool supports a wide range of vehicle brands and utilizes modern communication protocols like CAN FD and DoIP for efficient diagnostics.

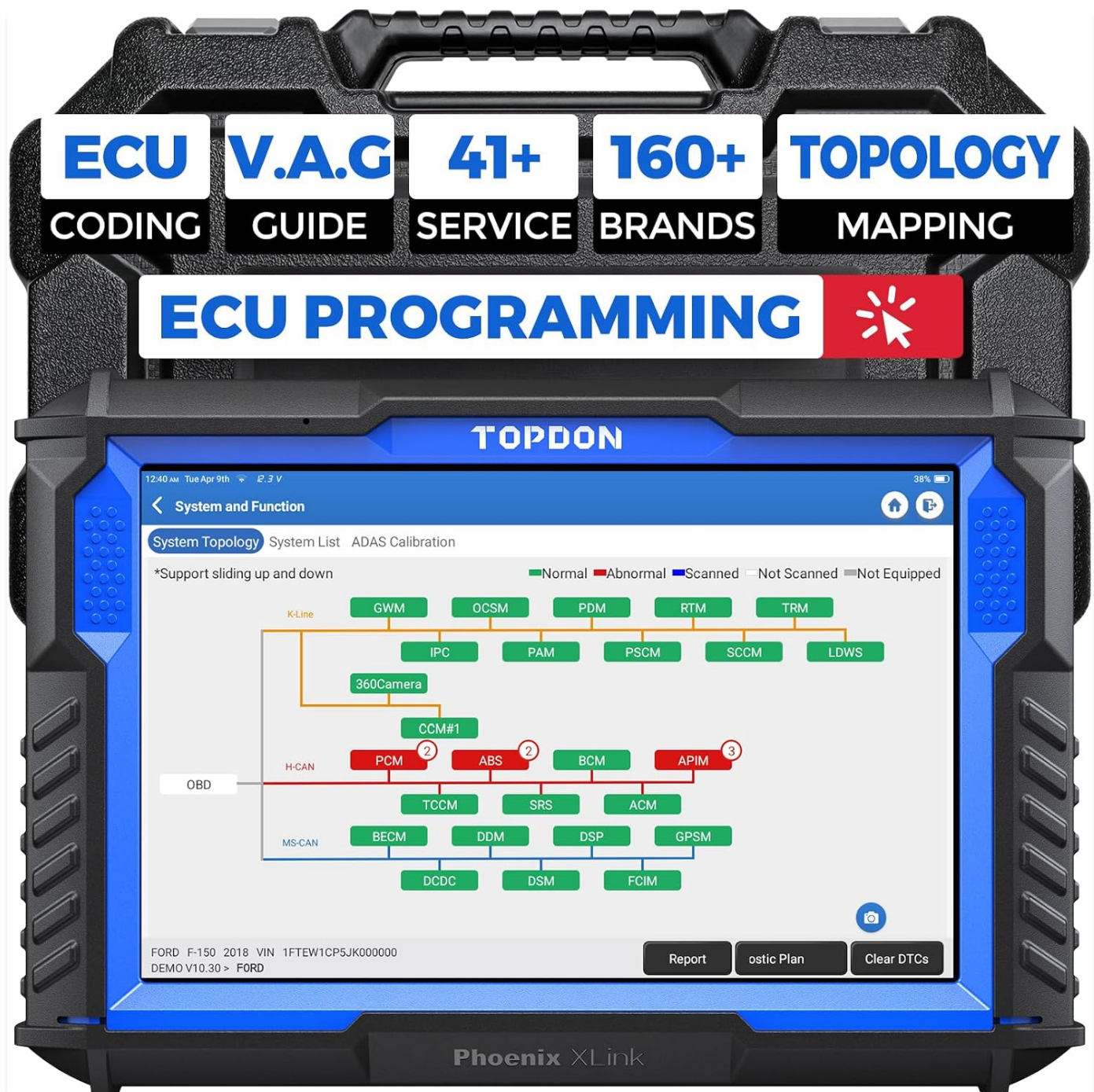
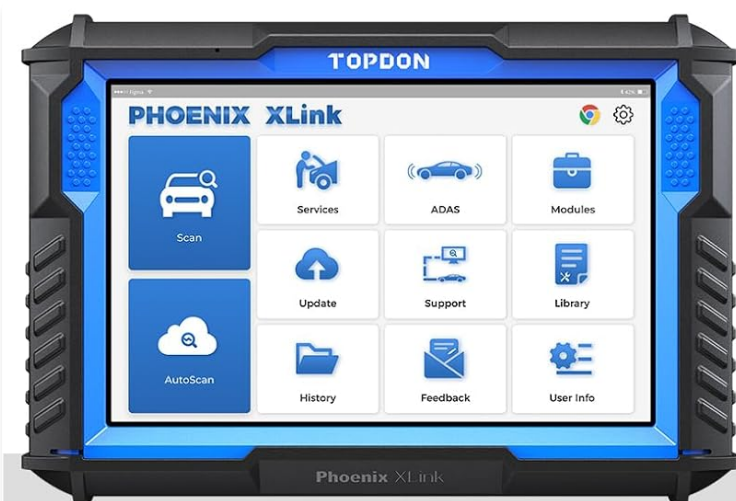


Figure 1: TOPDON Phoenix XLink Scan Tool highlighting ECU Coding, V.A.G Guide, 41+ Services, 160+ Brands, Topology Mapping, and ECU Programming.

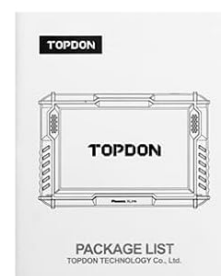
## 2. SETUP AND INITIAL USE

### 2.1 Unboxing and Package Contents

Upon receiving your TOPDON Phoenix XLink, carefully open the packaging and verify all contents against the package list. The device comes securely housed in a durable carrying case.



**TOPDON**



Package List

User Manual



Package Box



B-20



G/V-12



HA-3



CR-6



TA-17



TA-22



BZ-38



OBDI  
Transfer Line



FT-3



NN-14+16



MH-12+16



Main  
Cable



Battery  
Clamps



Ethernet  
Cable



Cigarette  
Lighter Cable



Type-C to  
USB Cable



Power  
Adaptor



Fuse  
φ6x30mm



Fuse  
φ5x20mm

Figure 2: Complete package contents of the TOPDON Phoenix XLink.

### What's in the Box:

- 1 x Phoenix XLink Main Unit
- 1 x User Manual
- 1 x Carrying Case
- 1 x 16P Diagnostic Cable 2.0
- 1 x Battery Clamps/Cable Set
- 1 x Cigarette Lighter Cable
- Fuses (φ5x20mm, φ6x30mm)
- 1 x USB Cable (Type-A to Type-C)
- 1 x Ethernet Cable
- Various OBD1 Adapters (NN-14+16, FT-3, BZ-38, TA-22, TA-17, G/V-12, CR-6, HA-3, M/H-12+16)
- 1 x Power Adapter with US, EU, UK plugs

## 2.2 Initial Power-On and Configuration

Power on the Phoenix XLink by pressing the power button. Follow the on-screen prompts to select your language, time zone, and accept the registration terms. Ensure the device is connected to a stable Wi-Fi network for updates and online functions.

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*Video 1: Overview of the TOPDON Phoenix XLink Scan Tool, demonstrating its features and interface.*

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*Video 2: Unboxing and initial setup of the TOPDON Phoenix XLink, showing the contents and first power-on steps.*

### 3. OPERATING THE PHOENIX XLINK

#### 3.1 Vehicle Connection

The Phoenix XLink connects to the vehicle's OBD-II port via a wired connection, ensuring stable and reliable communication. Use the provided 16P Diagnostic Cable or appropriate OBD1 adapters for older vehicles.

**Note:** The wired connection enhances stability for critical operations like ECU programming.

#### 3.2 Core Diagnostic Functions

The Phoenix XLink offers a suite of powerful diagnostic capabilities:

- **Full System Diagnosis:** Scans all available systems across 168+ vehicle brands, reads/clears DTCs, displays live data, and generates comprehensive diagnostic reports.
- **Topology Mapping:** Provides a visual representation of the vehicle's communication network, allowing for quick identification of system status and faults.

# TOPOLOGY MAPPING

Diagnose Swiftly and Accurately

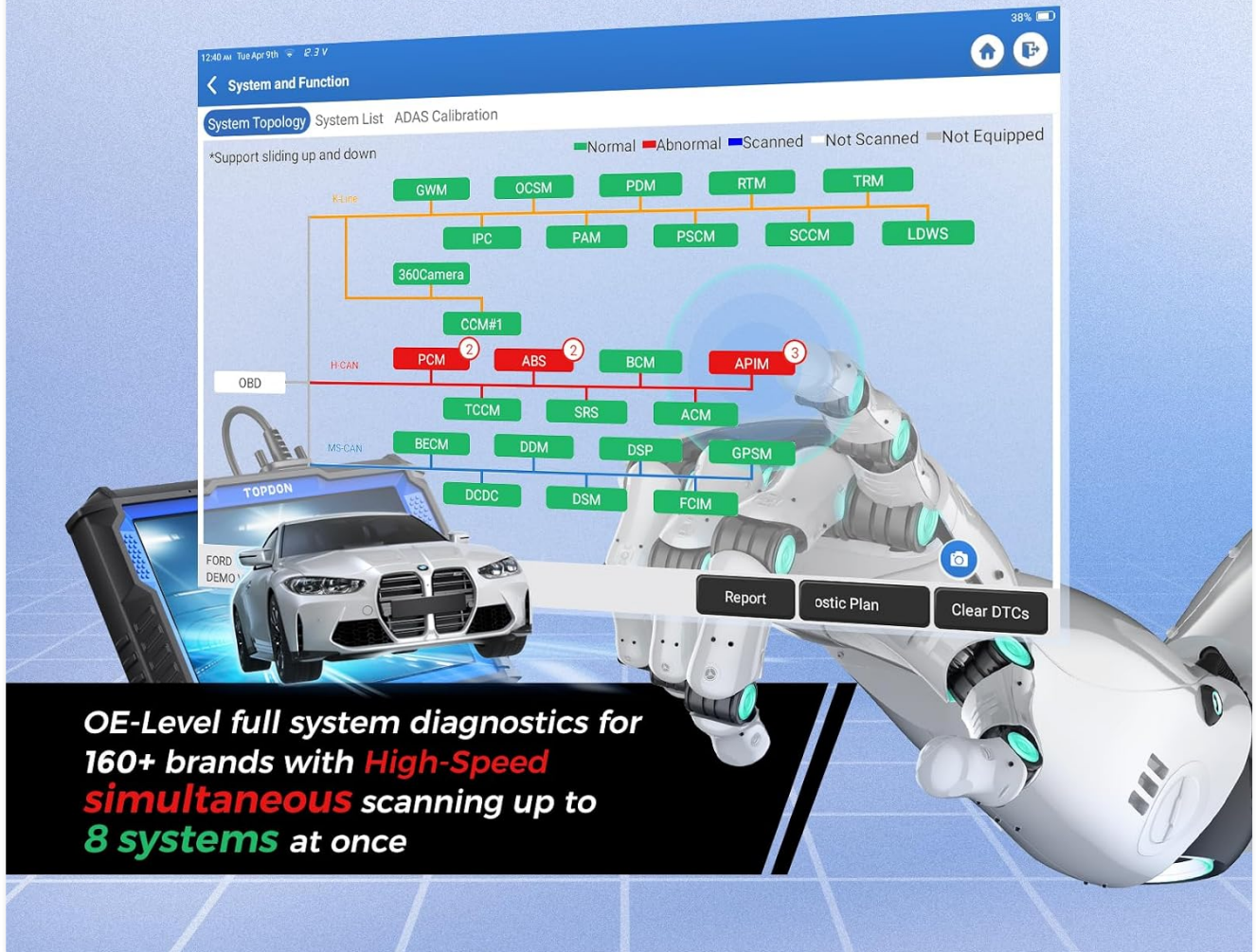


Figure 3: Topology mapping interface for comprehensive system visualization.

- **Bi-Directional Control:** Empowers direct command over vehicle ECUs and performs active tests to swiftly and accurately identify issues.

# BI-DIRECTIONAL CONTROL

Faster Diagnosis with Precision



Figure 4: Bi-directional control allows direct interaction with vehicle components.

- **High-Speed Scanning:** Features 8-system high-speed simultaneous scanning for efficient troubleshooting.
- **CAN FD & DoIP Protocols:** Supports modern communication protocols for accelerated data transfer and broader vehicle compatibility.

## 3.3 Advanced Functions

- **ECU Programming & Online Coding:** Enables cloud-based programming for BMW and Benz vehicles, supports ECU matching, replacement, new ECU programming, and software upgrades. Online coding allows unlocking hidden features and customizing settings.

# ECU PROGRAMMING FOR BBA

Make Every Minute  
More Valuable

**1000 Bucks**

**1000 Bucks**

**1000 Bucks**

**TOPDON**

Phoenix XL100

| File Name                       | Vehicle Brand | Brief Description  |
|---------------------------------|---------------|--------------------|
| 4009073328-0005                 |               | System Information |
| XSVJAF_C_FL_4009073328_0002.xml | AUDIX         | Optional File      |
| XSVJAF_C_FL_4009073328_0006.xml | AUDIX         | Optional File      |

BMW BENZ VW

Figure 5: ECU Programming capabilities for select premium brands.

# ONLINE ECU CODING

Unleash Full potential of Vehicles



Figure 6: Online ECU Coding for vehicle customization.

- **V.A.G Guided Functions:** Provides step-by-step guidance for V\*AG models, simplifying complex diagnostics.
- **FCA AutoAuth:** Offers secure gateway access for Chrysler, Jeep, Alfa Romeo, and Fiat models from 2017 onward.

# F.C.A AUTOAUTH ACCESS

For Fiat, Chrysler,  
Alfa Romeo,  
Dodge, Jeep, etc.



# V.A.G GUIDED FUNCTIONS

For Skoda, Seat, VW,  
etc.



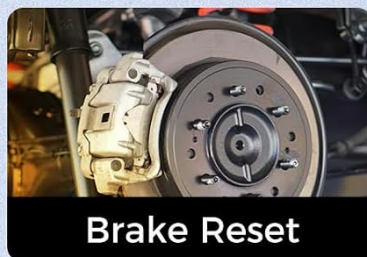
Figure 7: Streamlined V.A.G guidance and FCA AutoAuth access.

- **41+ Maintenance Functions:** Includes common services like oil resets, brake resets, EPB, SAS, BMS, DPF, TPMS, ABS bleeding, and throttle relearn.

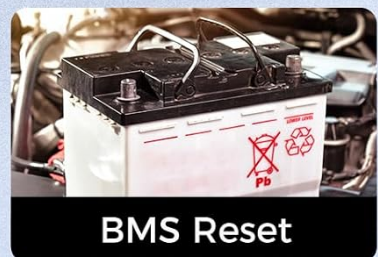
# 41+ MAINTENANCE FUNCTIONS



Oil Reset



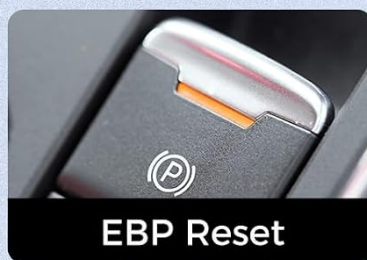
Brake Reset



BMS Reset



SAS Reset



EBP Reset



Throttle Adaptation

- DPF Regeneration
- Language Change
- Suspension Reset
- AFS Headlamp Reset
- Gear Learning
- ADBLUE Reset
- EGR Reset
- Sunroof Reset
- Gearbox Reset
- TPMS Reset
- A/F Reset
- Coolant Bleed
- More...



Figure 8: A selection of the 41+ maintenance functions available.

## 4. MAINTENANCE AND UPDATES

To ensure optimal performance and access to the latest vehicle data and functions, regular maintenance and software updates are crucial.

### 4.1 Software Updates

The TOPDON Phoenix XLink comes with 2 years of complimentary software updates. Connect the device to a stable internet connection and navigate to the 'Update' section on the home screen to download and install the latest software versions.

### 4.2 General Care

Keep the device clean and free from dust and moisture. Store it in its protective carrying case when not in use to prevent damage. Avoid exposing the device to extreme temperatures.

## 5. TROUBLESHOOTING

If you encounter any issues with your Phoenix XLink, consider the following general troubleshooting steps:

- **Connection Issues:** Ensure all cables are securely connected to the device and the vehicle's OBD-II port. Verify the vehicle's ignition is on.
- **Software Glitches:** Restart the device. If the issue persists, check for available software updates.
- **Diagnostic Errors:** Refer to the specific diagnostic trouble code (DTC) information provided by the tool. The device's built-in library can offer guidance.

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*Video 3: Demonstrates how to use the vehicle coverage feature to check supported functions and troubleshoot.*

## 6. SPECIFICATIONS

| Feature            | Detail                          |
|--------------------|---------------------------------|
| Brand              | TOPDON                          |
| Model              | Phoenix XLink-US                |
| Product Dimensions | 7.83"L x 1.96"W x 11.45"H       |
| Operating System   | Android 10.0                    |
| Display Resolution | 1280x800                        |
| Item Weight        | 20.4 pounds                     |
| Battery            | 12600mAh Lithium Ion (included) |
| Memory             | 128GB                           |

## 7. WARRANTY AND SUPPORT

The TOPDON Phoenix XLink includes 2 years of complimentary software updates, ensuring your device remains current with the latest vehicle technologies and diagnostic capabilities.

For technical assistance, TOPDON provides expert technical support, including remote access capabilities to help resolve complex issues efficiently.

Please refer to the official TOPDON website or your purchase documentation for detailed warranty information and contact methods for support.

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**