

KINGBOLEN K8 PRO

KINGBOLEN K8 Pro OBD2 Diagnostic Tool User Manual

MODEL: K8 PRO

Brand: KINGBOLEN

1. Introduction

The KINGBOLEN K8 Pro is a professional automotive diagnostic tool designed for comprehensive vehicle system analysis and maintenance. It offers advanced functionalities including full system diagnostics, over 42 special reset services, bi-directional control, and ECU coding. Compatible with a wide range of vehicle makes and models, the K8 Pro supports modern communication protocols like CAN FD and DOIP, ensuring broad applicability. This manual provides essential information for setting up, operating, and maintaining your diagnostic tool.

2. What's in the Box

Upon unpacking your KINGBOLEN K8 Pro, please verify that all the following items are included:

- K8 PRO OBD2 Diagnostic Tablet
- Ediag Pro Diagnostic Head (Bluetooth VCI)
- DOIP Diagnostic Cable
- Diagnostic Extension Cable
- 3-in-1 Charging Kit (with various regional adapters)
- Type-C Charging Cable
- RJ45 Network Cable
- User Manual
- Password Letter
- Carrying Case

LISTE DE CONTENU DU KINGBOLEN K8 PRO



Figure 2.1: The complete KINGBOLEN K8 Pro kit, including the diagnostic tablet, VCI, various cables, power adapter, and documentation.

3. Setup and First Use

Follow these steps for initial setup and activation of your KINGBOLEN K8 Pro:

1. **Charge the Device:** Connect the tablet to the power adapter using the Type-C cable and charge it fully before first use.
2. **Power On:** Press and hold the power button until the KINGBOLEN logo appears on the screen.
3. **Connect VCI:** The Ediaq Pro VCI module attaches magnetically to the back of the tablet. Ensure it is securely connected.
4. **Network Connection:** Connect the tablet to a Wi-Fi network for software updates and online functions.
5. **Registration:** Follow the on-screen prompts to register your device using the provided password letter.
6. **Software Updates:** Navigate to the 'Updates' section to download and install the latest software for optimal performance and vehicle coverage. The device offers lifetime free updates.

2026**NOUVEAU**

KINGBOLEN K8 PRO

Version améliorée du KINGBOLEN K8

Équipement de diagnostic OBD2 professionnel

- ▶ Diagnostic complet du système
- ▶ Plus de 42 fonctions de réinitialisation
- ▶ Contrôle bidirectionnel
- ▶ Codage ECU avancé
- ▶ Scan automatique et AutoVIN
- ▶ Plus de 100 fonctionnalités spéciales

Version mondiale Couverture plus large

- AutoAuth FCA SCW ;
- Couvre plus de 160 marques de voitures
- Prend en charge les véhicules de 1996 à 2026
- Accès Renault SCW (achat supplémentaire nécessaire)
- 41 langues prises en charge



2026 VERSION AMÉLIORÉE



Figure 3.1: The KINGBOLEN K8 Pro diagnostic tablet with its VCI module, ready for operation.

4. Key Features and Operating Instructions

The KINGBOLEN K8 Pro offers a comprehensive suite of diagnostic and maintenance functions:

4.1 Full System Diagnostic

The tool performs a thorough scan of all accessible electronic control modules (ECUs) in the vehicle, including PCM, ECM, BCM, TPMS, SAS, and fuel systems. It reads and clears diagnostic trouble codes (DTCs), views live data streams, captures freeze frame data, and retrieves ECU information.

DIAGNOSTIC DE TOUS LES SYSTÈMES AUTOVIN & SCAN

Scan de tous les modules en quelques secondes & rapport détaillé



- ✓ Détection automatique du VIN en quelques secondes
- ✓ Scan automatique de tous les systèmes
- ✓ Données d'image figée
- ✓ Test actif

(Si le véhicule ne prend pas en charge AUTOVIN, veuillez sélectionner manuellement la marque et le modèle pour le diagnostic.)

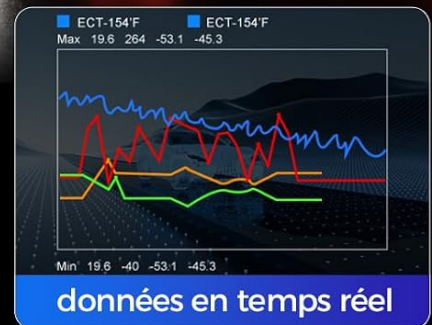


Figure 4.1: The K8 Pro tablet displaying the diagnostic interface for a full system scan, including automatic VIN detection, fault code reading, and live data display.

4.2 Bi-directional Control (Active Test)

This function allows the tool to send commands to vehicle modules to perform specific tests and functions. Examples include EVAP tests, turning radiator fans on/off, testing window/mirror/door locks, and testing pumps and valves. This helps in quickly identifying faulty components without extensive disassembly.

TEST BIDIRECTIONNEL/ACTIF

- ▶ Pompe moteur ABS
- ▶ ventilateur de radiateur actif
- ▶ test du ventilateur de refroidissement
- ▶ test de bourdonnement des injecteurs
- ▶ plus...
- ▶ test IMRC
- ▶ embrayage A/C
- ▶ modulation du papillon des gaz
- ▶ ouverture/fermeture des vitres/portes/toit/essuie-glaces



Figure 4.2: Illustration of the bi-directional control feature, showing the ability to activate various vehicle components like ABS motor pump, cooling fan, and window/mirror operations directly from the tablet.

4.3 42+ Special Functions

The K8 Pro supports a wide array of common service functions, including but not limited to:

- Oil Reset
- Electronic Parking Brake (EPB) Reset
- Steering Angle Sensor (SAS) Reset
- Battery Management System (BMS) Reset
- ABS Bleeding
- Throttle Adaptation
- Suspension Calibration
- Injector Coding
- Power Balance
- Transmission Adaptation

- Fuel Trim Learning
- HVAC Control Module Calibration
- Tyre Pressure Monitoring System (TPMS) Reset
- PMI Function (for Ford/Lincoln/Mazda)

42+ FONCTIONS DE SERVICE CHAUDES

Résolvez 99 % des problèmes au niveau de l'usine 160+ marques d'entretien



Réinitialisation de l'huile



purge de l'ABS



réinitialisation du SAS



réinitialisation de l'EPB



réinitialisation du BMS



codage des injecteurs



réinitialisation du TPMS



DPF



Airbag



AFS



CODAGE
SUS



apprentissage
des vitesses



phares



sièges



toit
ouvrant



accélérateur



vitres



réapprentissage de
la climatisation

Toujours à jour ! Pour plus de 160 marques !

Figure 4.3: A visual representation of over 42 special service functions available, including oil reset, ABS bleeding, SAS reset, EPB reset, BMS reset, injector coding, and TPMS reset.

4.4 Advanced ECU Coding

The K8 Pro supports both online and offline ECU coding. This feature allows for:

- Unlocking high-level functions.
- Customizing vehicle settings.
- Optimizing vehicle performance.
- Matching replaced components with the ECU (for VW/BMW).
- V.A.G Guided Function for step-by-step instructions (for VW/Audi/Skoda).

CODAGE AVANCÉ DE L'ECU

Amélioration des performances du véhicule



Activation du pliage
des rétroviseurs



modernisation des
phares



commande à distance
des vitres



désactivation de l'avertisseur
de ceinture de sécurité

- ▶ Amélioration du rendement énergétique
- ▶ Réapprentissage rapide de la transmission
- ▶ Renouvellement de la coordination de l'ECU
- ▶ Inscription du numéro d'identification du véhicule (VIN) dans l'ECU
- ▶ Réduction des pertes de puissance
- ▶ Amélioration de la durabilité des pièces mécaniques



Figure 4.4: The ECU coding interface on the K8 Pro, detailing functions such as mirror folding activation, headlight modernization, window remote control, and seatbelt warning deactivation.

4.5 CAN FD and DOIP Protocols

The K8 Pro is compatible with the latest CAN FD and DOIP protocols, eliminating the need for additional specialized adapters. CAN FD supports newer General Motors vehicles (2019 and later), while DOIP (with a free DOIP data cable) supports:

- BMW models from 2017 onwards.
- Mercedes-Benz models from 2017 onwards.
- Jaguar/Land Rover models from 2017 onwards.
- Volvo models from 2018 onwards.

4.6 FCA AutoAuth

The AutoAuth function allows unlocking the SGW module for FCA vehicles (Chrysler, Dodge, Jeep, Alfa Romeo, Fiat). Note that users must purchase and register an account independently via the official AutoAuth website.

4.7 Live Data Stream and Diagnostic Reports

The device can display live data streams in various formats (graphical, text) for up to 12 parameters simultaneously, enabling comparative analysis and trend monitoring. Diagnostic reports can be generated and shared via QR code, Bluetooth, or email.

5. Vehicle Compatibility

The KINGBOLEN K8 Pro supports over 160 automotive brands and more than 10,000 vehicle models across Europe, America, and Asia. For specific compatibility inquiries, it is recommended to contact customer service with your vehicle's model, year, and VIN.

Plus de 160 marques automobiles, plus de 20000 modèles automobiles

Mises à jour gratuites à vie

📍 Amérique

✓ Pour Ford

✓ Pour Chevrolet

✓ Pour Buick

✓ Pour Dodge

...

📍 Europe

✓ Pour BMW

✓ Pour Mercedes

✓ Pour Audi

✓ Pour Volkswagen

...

📍 Asie

✓ Pour Honda

✓ Pour Toyota

✓ Pour Hyundai

✓ Pour Nissan

...

Si vous n'êtes pas sûr que votre véhicule soit compatible, veuillez contacter le service clientèle pour confirmation.

CAN-FD&DOIP

Pour Volvo après 2018 ;
Pour Chrysler/GM jusqu'en 2025

FCA AUTOAUTH

AUTOAUTH AUTHORITY

Sign in to unlock SGW
GN : 989080000001

North America

Username

Password

Retrieve Password

New Registration

SKIP

OK

Pour Fiat ; Pour Chrysler ;
Pour Jeep ; Pour Dodge, etc.

41 LANGUES

Prise en charge de 41 langues
dans le monde entier
(EN, FR, DE, IT, ES, NL, SE, POL...)

Figure 5.1: An infographic showing the extensive vehicle coverage of the K8 Pro, supporting over 160 car brands from America, Europe, and Asia, along with CAN-FD, DOIP, and FCA AutoAuth compatibility.

6. Specifications

Feature	Detail
Brand	KINGBOLEN
Model	K8 PRO
Item Weight	3.51 Kilograms
Product Dimensions (L x W x H)	36.6 x 33.7 x 14.19 cm
Battery	12,600 mAh (1 AAA battery included)
Item Model Number	KBLA04
Operating System	Android 10.0
Screen Size	8 inches (1280 x 800 resolution)
RAM + Storage	4 GB RAM + 64 GB Storage
Connectivity	Bluetooth VCI, Wi-Fi (2.4 & 5 GHz)
Supported Protocols	CAN FD, DOIP
Updates	Lifetime Free Updates
Supported Languages	41 languages

7. Maintenance

To ensure the longevity and optimal performance of your KINGBOLEN K8 Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the tablet screen and casing. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in its protective carrying case in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Software Updates:** Regularly check for and install software updates to ensure compatibility with new vehicle models and access to the latest features.
- **Battery Care:** For prolonged storage, ensure the battery is charged to approximately 50-60% to maintain battery health.

8. Troubleshooting

If you encounter issues with your KINGBOLEN K8 Pro, consider the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the device is fully charged. If the battery is low, connect it to the charger.
- **Connection Issues (VCI):** Verify that the VCI module is securely attached to the tablet and properly connected to the vehicle's OBD-II port. Check Bluetooth connectivity.
- **Software Update Problems:** Ensure a stable Wi-Fi connection. If updates fail, try restarting the device and attempting the update again.
- **Vehicle Communication Errors:** Confirm the vehicle's ignition is on. Ensure the correct vehicle make, model, and year are selected in the software. Check the OBD-II port for any damage.
- **Function Not Working:** Some advanced functions may require specific vehicle conditions or additional steps. Refer to the on-screen prompts or contact support for guidance.

9. Warranty and Support

For warranty information, technical support, or any product-related inquiries, please refer to the official KINGBOLEN website or contact their customer service directly. Keep your purchase receipt and product serial number handy for faster assistance.

10. Product Videos

No official product video URLs were provided in the product data to embed here. Please refer to the manufacturer's official channels for video demonstrations and tutorials.

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.

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Email

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Question

Details

Submit question