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› [LAUNCH](#) /

› LAUNCH CRP919XBT OBD2 Diagnostic Tool User Manual

LAUNCH CRP919XBT

LAUNCH CRP919XBT OBD2 Diagnostic Tool User Manual

Model: CRP919XBT

1. INTRODUCTION

The LAUNCH CRP919XBT is an advanced OBD2 diagnostic tool designed for comprehensive vehicle analysis and maintenance. It offers a wide range of functions including ECU Coding, Active Test, and over 35 special reset services. This device supports CANFD and DOIP protocols, provides VAG guided functions, and performs full system diagnostics across more than 100 vehicle brands. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your CRP919XBT device.

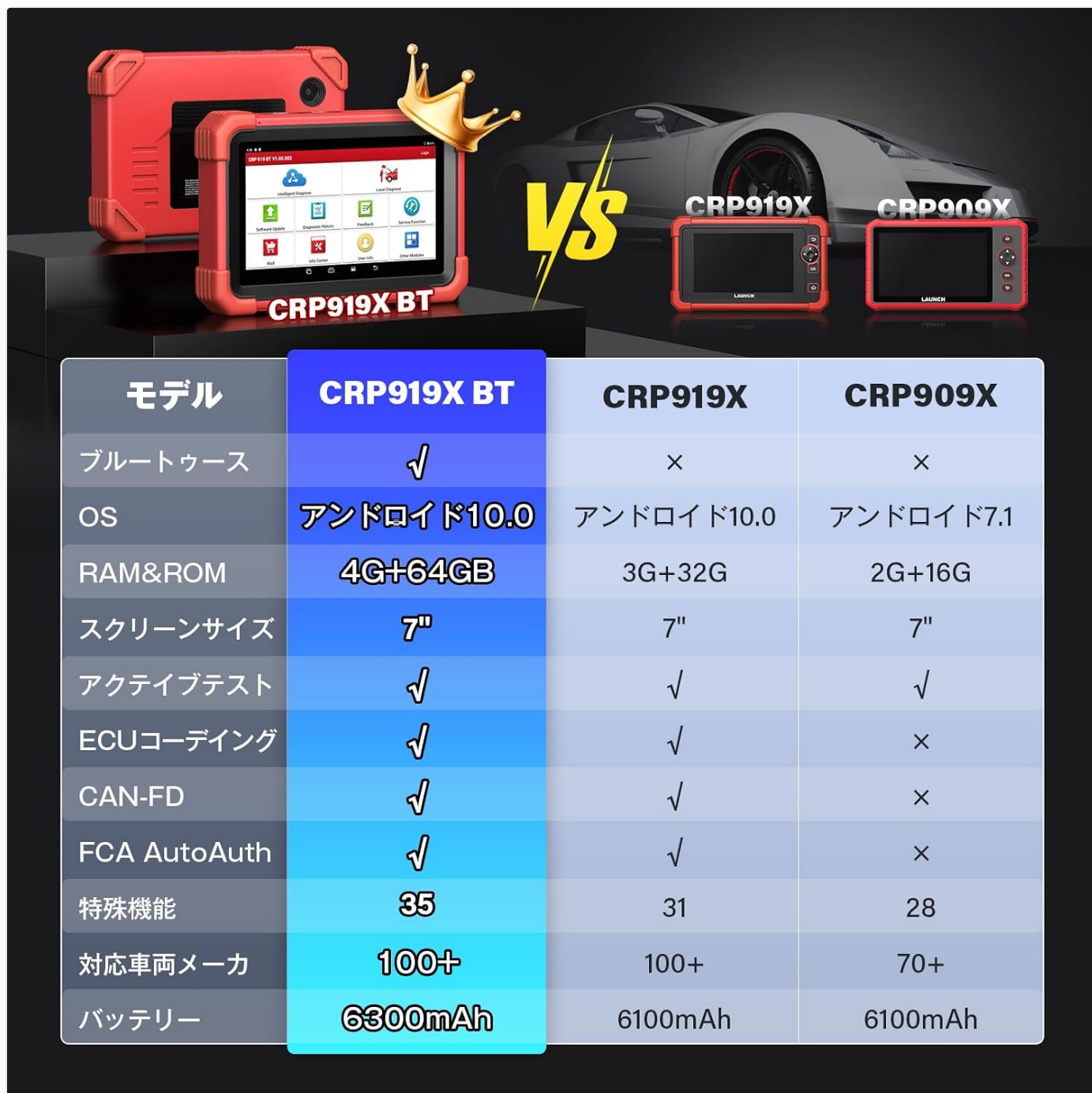


Image 1.1: The LAUNCH CRP919XBT diagnostic tool, showcasing its robust design and user interface.

2. SETUP

The CRP919XBT utilizes Bluetooth connectivity for wireless communication between the tablet and the Vehicle Communication Interface (VCI). This allows for flexible movement around the vehicle during diagnostics.

2.1 Connecting the VCI

1. Locate the OBD2 port in your vehicle.
2. Plug the VCI module into the vehicle's OBD2 port.
3. Power on the CRP919XBT tablet.
4. The VCI will automatically attempt to connect to the tablet via Bluetooth.

2.2 Indicator Lights

- **Power Indicator Light:** Illuminates when the VCI is powered on.

- **Green Light:** Flashes when the VCI is communicating with the vehicle.
- **Blue Light:** Indicates the VCI is wirelessly connected to the tablet.
- **Red Light:** Indicates the VCI is connected to the tablet via cable (if applicable).



Image 2.1: Illustration of the wireless VCI connection, allowing flexible diagnostics.

3. OPERATING INSTRUCTIONS

3.1 Full System Diagnostics

The CRP919XBT can perform a comprehensive scan of all available vehicle systems, including but not limited to PCM (Powertrain Control Module), ECM (Engine Control Module), EPS (Electric Power Steering), PDM (Powertrain Diagnostic Module), BCM (Body Control Module), and TPMS (Tire Pressure Monitoring System). Use the One-Click AutoVIN and AutoScan functions for quick identification and diagnosis of hidden issues.

- **Data Stream Display:** View live data in graphical format.
- **Freeze Frame:** Capture a snapshot of sensor data when a DTC is set.
- **ECU Information:** Retrieve detailed information about the vehicle's ECUs.

OEレベルの全車システム 故障診断

簡単に故障コードを検出する



Note:

自動車のブランド、年式、モデルを弊社までお問い合わせくださいませ。

グラフでデータストリーム表示

フリーズフレーム

ECU情報確認

OEレベルの全車システム診断

特殊リセット機能



● AUTO VIN/スキャン

Image 3.1: The CRP919XBT performing OE-level full system diagnostics, identifying fault codes across various modules.

3.2 ECU Coding

The ECU Coding function allows for vehicle customization and programming tasks. This includes copying data to new modules for over 100 popular brands, disabling annoying features, unlocking hidden functions, and customizing OE settings. This feature streamlines vehicle programming and saves time.

35+ メンテナンス特殊機能

特殊リセット機能は、車種によって対応出来る範囲が異なります。



オイルリセット



SASリセット



ABSエア抜き



IMMO(基本)



EGRリセット



スロットルリセット



EPBリセット



インジェクター



TPMSリセット



DPF再生



100+ 車両メーカー 対応

CAN FD
と交換性ある



BMW



フォード



本田



その他...



Image 3.2: The ECU Coding interface, demonstrating the ability to customize vehicle settings and functions.



Image 3.3: Visual representation of ECU coding capabilities, including fixing ECU-related problems and recording adaptive data.

3.3 Bi-directional Control (Active Test)

The bi-directional control feature allows the CRP919XBT to send commands to vehicle systems and components to perform active tests. This helps technicians quickly identify and repair issues by verifying the operational status and functionality of actuators directly from the device. Examples include:

- Solenoid activation/deactivation
- Injector power cycling
- Cooling fan on/off tests
- EGR valve tests
- Window/door/sunroof operation tests

ECU コーディング

より簡単に車を
カスタマイズする



Image 3.4: Demonstrating bi-directional control, where the tool sends commands to test specific vehicle components.

双方向制御

問題を迅速に特定し、修理を簡単にします

アクティブ
テスト



Image 3.5: Active test interface showing command sending and receiving for component verification.

3.4 Special Reset Functions (35+)

The CRP919XBT is equipped with over 35 maintenance service functions to address various vehicle needs. These functions simplify complex repairs and routine maintenance tasks. The specific range of supported functions may vary by vehicle model.

- Oil Reset
- SAS (Steering Angle Sensor) Reset
- ABS Bleeding
- IMMO (Immobilizer) Service (for some Asian vehicles with low-grade anti-theft systems)
- EGR (Exhaust Gas Recirculation) Reset
- Throttle Reset
- EPB (Electronic Parking Brake) Reset
- Injector Coding
- TPMS (Tire Pressure Monitoring System) Reset
- DPF (Diesel Particulate Filter) Regeneration
- Gear Learning
- BMS (Battery Management System) Reset
- Coolant Air Bleeding
- Window Adjustment
- Headlamp Adjustment
- A/F (Air/Fuel) Reset
- Tire Reset
- Seat Adjustment

Bluetoothでワイヤレス診断機 ケーブル長さの制限の悩みをなくなる

CRP919X BT はインテリジェンスと Bluetooth を組み合わせ、
診断の柔軟性を実現します。



電源インジケータライト



緑色のライトの点滅
VCI が車両と通信している



ブルーライトオン-
VCIはタブレットにワイヤレスで
接続している

レッドライトオン-
VCIはタブレットにケーブルで
接続している

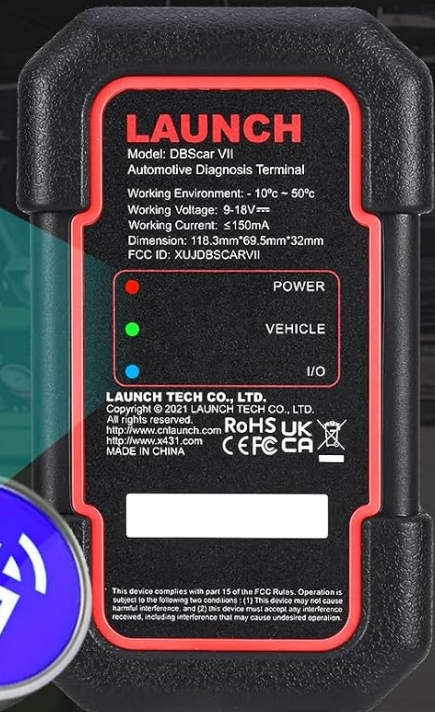


Image 3.6: Overview of various special reset functions available on the CRP919XBT.

35+ 以上の整備機能

機能は車モデルによって異なります。出品者にご相談ください。



Image 3.7: A more detailed visual representation of the 35+ maintenance functions, noting that functions vary by car model.

3.5 Supported Protocols

The CRP919XBT supports advanced communication protocols including DoIP (Diagnostics over Internet Protocol) and CAN FD (Controller Area Network Flexible Data-rate), ensuring seamless diagnostic experiences with newer vehicle models.

4. MAINTENANCE

Regular maintenance of your CRP919XBT device ensures optimal performance and longevity. Keep the screen clean with a soft, dry cloth. Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the VCI module and cables are free from damage before each use.

Software updates are crucial for maintaining compatibility with new vehicle models and accessing the latest features. The CRP919XBT offers 2 years of free updates. Connect the device to Wi-Fi and check for updates regularly through the system settings.

5. TROUBLESHOOTING

- **Device Not Powering On:** Ensure the device is fully charged or connected to a power source. Check the power adapter and cable for damage.
- **VCI Not Connecting:** Verify the VCI is securely plugged into the vehicle's OBD2 port. Ensure Bluetooth is enabled on the tablet and the VCI's blue indicator light is on. If issues persist, try restarting both the tablet and the vehicle.
- **Diagnostic Communication Errors:** Check that the vehicle's ignition is on. Ensure the VCI is properly connected and its green light is flashing during communication attempts. Confirm that the vehicle model and year are correctly selected in the diagnostic software.
- **Specific Function Not Working:** Some advanced functions, like IMMO, may have limited vehicle compatibility (e.g., specific Asian low-grade anti-theft systems). Refer to the vehicle coverage list or contact support for specific

compatibility questions. If a reset function fails, ensure all prerequisites for that function are met as per the vehicle's service manual.

- **Software Freezing/Lagging:** Ensure the device has sufficient storage space. Close unnecessary applications. Perform a system update if available. If the issue persists, a factory reset might be necessary (back up important data first).

6. SPECIFICATIONS

LAUNCH CRP919XBT Key Specifications

Feature	Description
Model	CRP919XBT
Connectivity	Bluetooth (Wireless VCI), Cable
Operating System	Android 10.0
RAM & ROM	4GB RAM + 64GB ROM
Screen Size	7 inches
Battery Capacity	6300mAh
Special Functions	35+ Maintenance Services
Supported Protocols	CANFD, DoIP
Vehicle Coverage	100+ Vehicle Manufacturers
Updates	2 Years Free Updates

BI-双方向制御(アクティブテスト) サブシステムの簡単なテスト



EGRテスト



窓/ドア/サンルーフ



冷却ファン



インジェクターテスト

LAUNCH®



その他...



特定のサブシステムまたはコンポーネントに対して個別のテストを実行して、アクチュエータが適切に機能するかどうかを確認します。

Image 6.1: Comparison of CRP919XBT specifications against CRP919X and CRP909X.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The LAUNCH CRP919XBT comes with a one-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official LAUNCH website or contact customer service.

7.2 Customer Support

For technical assistance, product inquiries, or warranty support, please contact LAUNCH customer service. You may also find additional resources, FAQs, and software updates on the official LAUNCH website.

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/B0CH9TCWZP>

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