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› ANCEL MT700 Motorcycle OBD2 Scanner Full Systems, ABS Transmission Diagnostic Tool with 35+ Reset Functions for Aprilia/Benelli/MMW/BRP/Ducati/Harley/Honda/Indian/Suzuki/Android, 7" Touch Screen, 16GB

ANCEL MT700

ANCEL MT700 Motorcycle OBD2 Scanner User Manual

Model: MT700

Brand: ANCEL

1. INTRODUCTION

The ANCEL MT700 Motorcycle OBD2 Scanner is a professional diagnostic tool designed for comprehensive analysis of various motorcycle systems. It supports over 16 brands and 500 models, including motorcycles, scooters, ATVs, snowmobiles, UTVs, and more. This device offers full system diagnosis, advanced reset functions, and smart features to assist in vehicle maintenance and troubleshooting.

Key features include:

- Full Systems Diagnosis: Engine, Transmission, TPMS, ABS, Radio, Headlight, EPS, VCM, Ignition, Instrument Panel, Bluetooth, Service system, Alarm, Chassis management, Suspensions, etc.
- Advanced 35+ Reset Functions: Oil Reset, TPS reset, Transmission reset, CO adjustment, EEPROM reset, Twistgrip Learning, Service reset, Restore user code, Handgrip learning, Reset keys, TPS zero-setting, Disable ATC, Idle motor reset, Ignition Correction, Vehicle setup reset.
- Wide Vehicle Coverage: Supports Aprilia, Benelli, MMW, BRP, Ducati, Harley, Honda, Indian, Kawasaki, KTM, Piaggio, Suzuki, Triumph, Victory, Yamaha, and POLARIS.
- Advanced One-Click Remote and Feedback Support via TeamViewer.
- Auto V-I-N Scan and Full OBDII functionality.
- Easy to Use with a 7-inch Touch Screen and Android operating system.
- One-Click Free Upgrade for one year.



Figure 1: ANCEL MT700 Main Device and Key Features

2. SETUP AND INITIAL USE

2.1 Package Contents

Before starting, ensure all components are present in the package:

- 1x Main Tablet (ANCEL MT700)
- 1x Plastic box
- 1x Instruction Manual
- 13x Adapter cables for different motorcycles
- 1x Main cable
- 1x 12V 2A Power Adapter
- 1x Power Cable



Figure 2: Complete Packing List of the ANCEL MT700

2.2 Getting Started

Follow these steps for initial setup and connection:

1. **Setting up Wi-Fi, User Registration, and Login:** Connect the device to a Wi-Fi network. Complete the user registration and login process as prompted on the screen.
2. **Download Vehicle's Software:** After logging in, navigate to the update section and download the necessary software for your specific motorcycle make and model.
3. **Locate Motorcycle's Diagnostic Socket:** Identify the OBD2 port on your motorcycle. Note that unlike cars, motorcycle OBD2 ports may vary in location and connector type.
4. **Connect the Device:** Use the appropriate adapter cable from the packing list to connect the ANCEL MT700 to your motorcycle's diagnostic socket. Ensure a secure connection.
5. **Ignition On:** Turn the motorcycle's ignition to the 'ON' position (accessory mode) to power the device and enable communication with the ECU.
6. **Select Vehicle Type and Diagnosis:** On the ANCEL MT700, select 'Moto Diag' and choose your vehicle type to begin the diagnostic process.

How to Get **Started** ?

1

Setting WIFI, User Registration and Login



2

Download Vehicle's Software



3

Locate motorcycles' Diagnostic Socket



4

Ignition on of the Vehicle, Click "Moto Diag" and Select Vehicle Type to Diagnosis

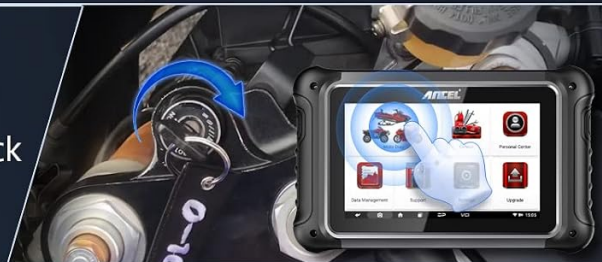


Figure 3: Step-by-step guide for initial setup and connection.

Video 1: Detailed guide on connecting the MT700 to a motorcycle and initial setup steps.

3. OPERATING THE DEVICE

3.1 Full Systems Diagnosis

The ANCEL MT700 allows for comprehensive diagnosis of all available systems on your motorcycle. This includes reading and clearing fault codes, viewing live data streams, and performing component tests across various modules like ABS, Engine, Transmission, and more.

Suitable for many *type* of vehicles

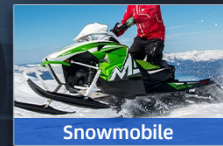


Figure 4: Overview of supported systems for diagnosis.

3.2 Special Functions and Resets

Beyond basic diagnostics, the MT700 offers over 35 special functions and reset capabilities. These functions allow for advanced maintenance and calibration tasks, such as:

- Oil/Service Reset
- TPS (Throttle Position Sensor) Reset
- ECU Reset
- ABS Bleed
- CO Adjustment
- Idle Speed Learning
- Key Reset



Figure 5: Visual representation of various special functions.

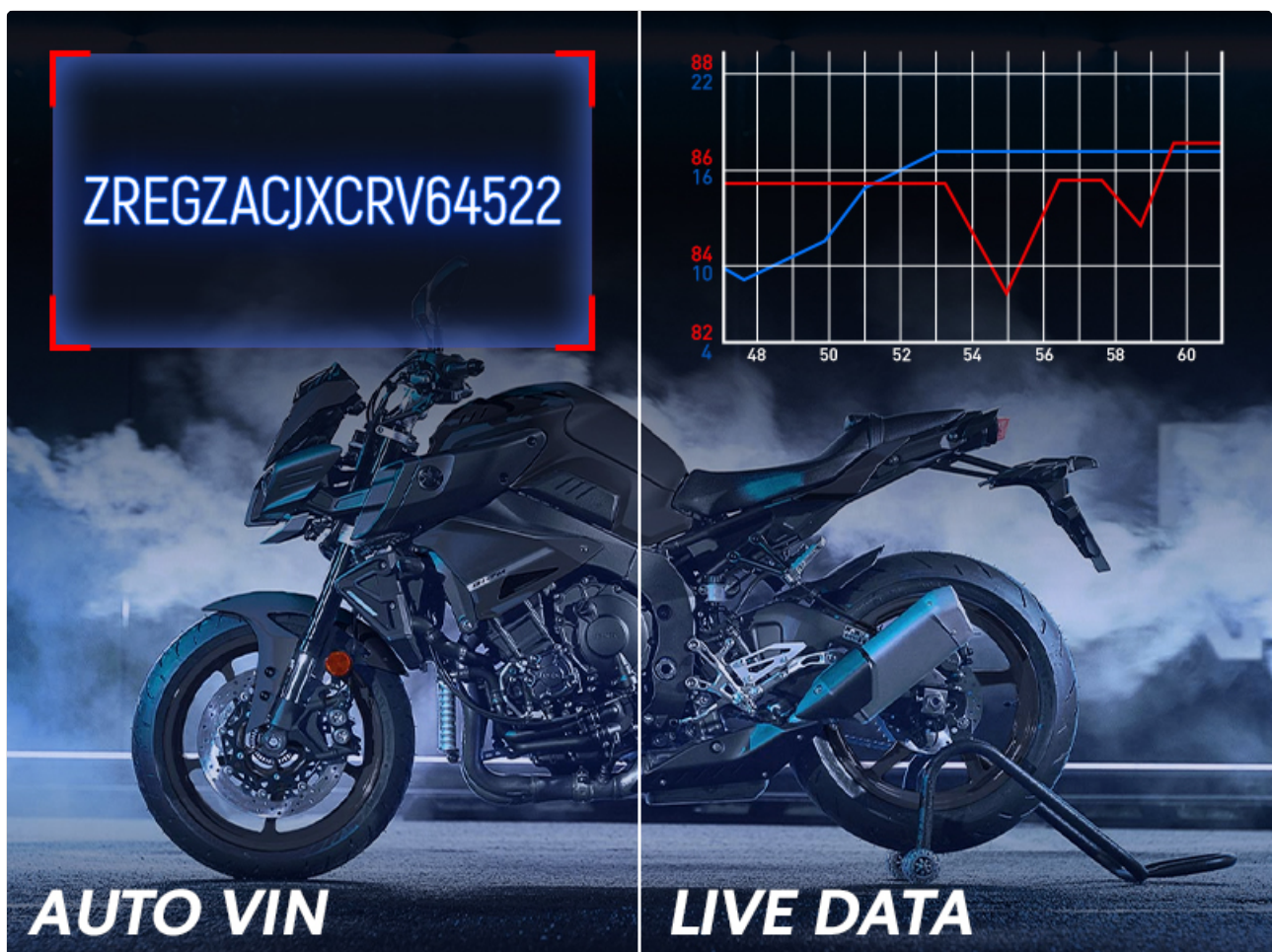


Figure 6: Detailed view of Full OBD II functions including DTC lookup and data playback.

3.3 Live Data Stream

The device can read live data streams from various modules, providing real-time information about your motorcycle's performance and status. This is crucial for accurate diagnosis and monitoring.



Figure 7: Auto VIN scan and graphical live data display.

4. MAINTENANCE AND SERVICE FUNCTIONS

The ANCEL MT700 provides dedicated service functions to assist with routine maintenance tasks and resetting service indicators.

4.1 Oil/Service Reset

Reset the oil service light after an oil change. This function is supported for various brands including Aprilia, BMW, BRP, Ducati, Harley Davidson, Honda, Piaggio, Suzuki, and Yamaha.

4.2 ABS Bleed

Perform ABS bleeding procedures to ensure proper brake system function. This is supported for brands like Benelli, BMW, BRP, Harley Davidson, KTM, Piaggio, Polaris, and Triumph.

5. TROUBLESHOOTING AND SUPPORT

If you encounter issues or diagnostic software bugs, the ANCEL MT700 offers built-in support features:

- **Remote Support:** Get assistance from ANCEL's technical engineers or friends through the TeamViewer software.
- **Feedback Function:** Use the 'Feedback' function in the menu to send your diagnostic report for professional guidance.
- **One-Click Screenshot:** Easily capture screenshots of diagnostic results for sharing or record-keeping.

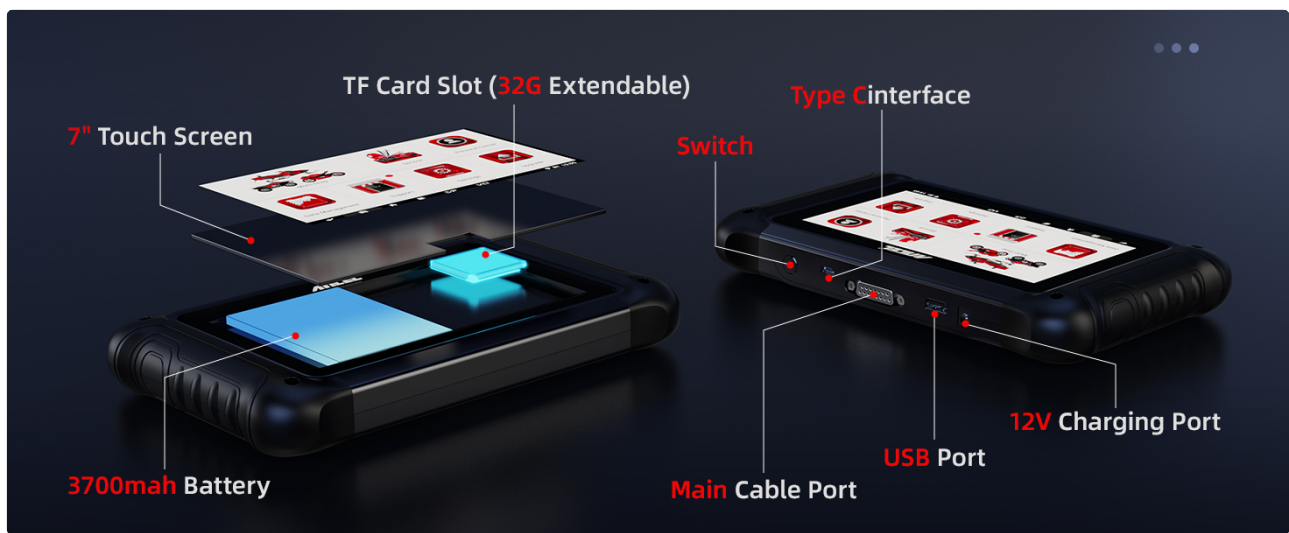


Figure 8: Remote support and screenshot features.

5.1 Legal Disclaimer

Please note the following important information:

- Each motorcycle model has different system configurations; special reset functions and diagnosis systems may vary.
- The use of other brand names or logos is solely for identifying compatible vehicle brands for ANCEL products. ANCEL is not affiliated with Aprilia, Benelli, MMW, BRP, Ducati, Harley, Honda, Indian, Suzuki, Kawasaki, KTM, Piaggio, Triumph, Victory, Yamaha, and others.
- Before using, connect to Wi-Fi and download the latest version of Vehicle's Software. If you cannot confirm compatibility, please communicate via message.

6. PRODUCT SPECIFICATIONS

Specification	Value
Manufacturer	ANCEL
Brand	ANCEL
Model	MT700 Pro
Item Weight	9.15 pounds
Package Dimensions	15.75 x 12.28 x 4.8 inches
Country of Origin	China
Item model number	MT700-R
Manufacturer Part Number	MT700-R
Operating System	Android
Screen Size	7 Inches

Date First Available	November 21, 2022
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7. WHAT'S IN THE BOX

- 1*Main Tablet
- 1*Plastic box
- 1*Instruction
- 13*Adapter for different motorcycles
- 1*main cable
- 1*12V 2A Power Adapter
- 1*Power Cable

8. WARRANTY AND SUPPORT

The ANCEL MT700 comes with a one-year free software upgrade period. After the first year, a yearly fee is required for continued updates. The device functions as is without updates, but new features and compatibility for newer models may not be available.

For further assistance, refer to the official user manual (PDF) available online or contact ANCEL support directly through the device's remote support feature.

For the full user manual, please refer to the [User Manual \(PDF\)](#).