

## ANCEL TD700

# ANCEL TD700 All System OBD2 Scanner User Manual

Model: **TD700** | Brand: **ANCEL**

## 1. INTRODUCTION

The ANCEL TD700 is a professional-grade diagnostic scan tool designed to provide comprehensive system diagnostics for Toyota, Lexus, and Scion vehicles. It also supports full OBD-II functions for all OBD-II compliant vehicles manufactured from 1996 onwards. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

## 2. SAFETY INFORMATION

- Always perform automotive testing in a well-ventilated area.
- Wear safety eye protection and clothing that meets safety standards.
- Avoid placing the device near the engine or exhaust system to prevent damage from high temperatures.
- Do not operate the device while driving.
- Keep the device dry and clean. Avoid contact with water, oil, or grease.
- Refer to your vehicle's service manual for specific diagnostic procedures and safety precautions.

## 3. PACKAGE CONTENTS

- 1x ANCEL TD700 All System OBD2 Scanner
- 1x ANCEL Protective Case



The ANCEL TD700 scanner neatly stored within its durable protective case.

## 4. PRODUCT OVERVIEW

The ANCEL TD700 features a user-friendly interface with a clear display and intuitive button layout for easy navigation and operation.



The ANCEL TD700 scanner, showcasing its display and control buttons, alongside its protective carrying case.

### Device Components:

- **Display Screen:** Shows diagnostic results, menu options, and live data.
- **Navigation Buttons (Up/Down/Left/Right):** Used to scroll through menus and select options.
- **ENTER Button:** Confirms a selection or action.
- **EXIT/BACK Button:** Returns to the previous screen or cancels an operation.
- **I/M Button:** Quick access to I/M Readiness status.
- **READ DTC Button:** Directly reads Diagnostic Trouble Codes.
- **ERASE DTC Button:** Directly clears Diagnostic Trouble Codes.
- **OBD-II Connector:** Connects the scanner to the vehicle's OBD-II port.

## 5. SETUP

1. **Locate the OBD-II Port:** The 16-pin Data Link Connector (DLC) is usually located under the dashboard on the driver's side of the vehicle.
2. **Turn Off Ignition:** Ensure the vehicle's ignition is turned off before connecting the scanner.



3. **Connect Scanner:** Firmly plug the scanner's OBD-II connector into the vehicle's DLC.
4. **Turn On Ignition:** Turn the vehicle's ignition to the ON position (engine off). The scanner will power on automatically.
5. **Start Diagnosis:** Follow the on-screen prompts to begin your diagnostic session.

## 6. OPERATING INSTRUCTIONS

### 6.1 General OBD-II Functions (for all OBD-II compliant vehicles)

The TD700 provides standard OBD-II diagnostic capabilities for engine systems.



The TD700's display showing various OBD-II diagnostic options, including Read Codes, Erase Codes, Live Data Stream, I/M Readiness, EVAP System Test, and Vehicle Information.

- **Read Codes:** Retrieves generic (P0, P2, P3, and U0) and manufacturer-specific (P1, P3, and U1) codes, as well as pending codes.
- **Erase Codes:** Clears Diagnostic Trouble Codes (DTCs) from the vehicle's computer and turns off the Malfunction Indicator Lamp (MIL/Check Engine Light).
- **Live Data:** Displays real-time operating parameters of the vehicle's engine in text or graph format.

- **I/M Readiness:** Checks the status of emission-related monitoring systems to ensure they are operating correctly.
- **Vehicle Information:** Retrieves the Vehicle Identification Number (VIN), Calibration ID (CID), and Calibration Verification Number (CVN).

## 6.2 Toyota/Lexus/Scion Specific Functions

The TD700 offers advanced, manufacturer-level diagnostics and special functions tailored for Toyota, Lexus, and Scion vehicles.



The TD700's main menu showing options for OBDII, Toyota-specific diagnostics, Oil Reset, EPB Reset, BAT, BMS Reset, ETC Reset, and Tool Setup.



# MANUFACTURER-LEVEL DIAGNOSIS

ALL SYSTEM DIAGNOSIS FITS FOR TOYOTA VEHICLES



The TD700 displaying a menu for selecting various vehicle systems for diagnosis, such as Engine, Transmission, Airbag, TPMS, ABS, SAS, BMS, EPB, GPS, ESP, and A/C.

# PROFESSIONAL-LEVEL DIAGNOSTICS

## FITS FOR TOYOTA VEHICLES



The TD700 showing a menu for selecting special functions like Oil Reset, EPB Reset, ETC Reset, TPMS Reset, BMS Reset, ABS Bleeding, SAS Calibration, DPF Regeneration, Throttle Learning, Battery Registration, and Injector Coding.

- **All System Diagnosis:** Accesses and diagnoses all available electronic control systems in compatible Toyota, Lexus, and Scion vehicles, including Engine, Transmission, ABS, Airbag (SRS), TPMS, SAS, BMS, EPB, A/C, and more.
- **Oil Reset:** Resets the oil service light after an oil change.
- **EPB Reset:** Resets the Electronic Parking Brake system after brake pad replacement.
- **BAT (Battery) Management System (BMS) Reset:** Performs battery registration and reset functions.
- **ETC Reset:** Resets the Electronic Throttle Control system.
- **ABS Bleeding:** Performs ABS brake bleeding procedures.
- **SAS Calibration:** Calibrates the Steering Angle Sensor.
- **DPF Regeneration:** Initiates Diesel Particulate Filter regeneration.
- **Throttle Learning:** Performs throttle body relearn procedures.
- **Battery Registration:** Registers a new battery with the vehicle's system.
- **Injector Coding:** Codes new injector numbers to the ECU.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth with mild detergent to clean the scanner's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in its protective case in a dry, cool, and dust-free environment when not in use. Avoid direct sunlight or extreme temperatures.
- **Software Updates:** Regularly check the ANCEL official website for available software updates to ensure optimal performance and compatibility with the latest vehicle models.

## 8. TROUBLESHOOTING

- **Device Not Powering On:**  
Ensure the OBD-II cable is securely connected to the vehicle's DLC. Verify the vehicle's ignition is in the ON position. Check the vehicle's battery for sufficient charge.
- **Communication Error:**  
Confirm the vehicle's ignition is ON and the engine is OFF. Ensure the OBD-II connector is firmly seated. Verify the vehicle is OBD-II compliant (1996 or newer).
- **DTCs Not Clearing:**  
Diagnostic Trouble Codes can only be cleared if the underlying fault has been rectified. Ensure the ignition is ON and the engine is OFF. If the issue persists, further diagnosis may be required.




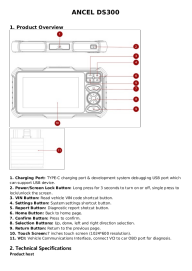

## 9. SPECIFICATIONS

Feature	Detail
Brand	ANCEL
Model	TD700
ASIN	B0BPPCHM44
First Available	December 10, 2022

## 10. WARRANTY AND SUPPORT

For technical support, product inquiries, or warranty information, please contact ANCEL customer service through their official channels. Details can typically be found on the ANCEL website or within the product packaging.



 <p><b>ANCEL</b> USER'S MANUAL TD700</p>	<p><a href="#">ANCEL TD700 Multi-System Scanner User Manual</a></p> <p>The ANCEL TD700 is a multi-system diagnostic scanner designed for Toyota, Lexus, and Scion vehicles from 1996 to 2021. This user manual provides comprehensive instructions for OBDII diagnostics, including reading and erasing fault codes, I/M readiness checks, data stream analysis, and EVAP system tests. It also details special functions such as oil reset, throttle learning, and battery reset, ensuring optimal vehicle maintenance and troubleshooting.</p>
 <p><b>ANCEL</b> Version: V1.0.0.02</p>	<p><a href="#">ANCEL DS700 Diagnostic Tool User Manual   Features, Setup, and Maintenance</a></p> <p>Comprehensive user manual for the ANCEL DS700 Diagnostic Tool. Learn about its features, setup, VCI activation, maintenance functions, software updates, and troubleshooting.</p>
<p><b>ANCEL AD410 Usage/Upgrade/Feedback Issues</b></p>	<p><a href="#">ANCEL AD410 Usage, Upgrade, and Feedback Issues Troubleshooting Guide</a></p> <p>A comprehensive guide detailing common issues encountered with the ANCEL AD410 automotive diagnostic scanner, covering usage, software upgrades, and feedback data handling, with solutions and troubleshooting steps.</p>
	<p><a href="#">ANCEL AD310 Firmware Update Guide: Step-by-Step Instructions</a></p> <p>This guide provides clear, step-by-step instructions for updating the firmware of your ANCEL AD310 OBD II scanner. Learn how to download, decompress, install drivers, and perform the update process for your vehicle diagnostic tool.</p>
 <p><b>ANCEL DS300</b> 1. Product Overview 2. Technical Specifications</p>	<p><a href="#">ANCEL DS300 Automotive Diagnostic Tool User Manual</a></p> <p>Comprehensive user manual for the ANCEL DS300 automotive diagnostic tool, covering product overview, technical specifications, connection, setup, functions, FAQ, and warranty information.</p>
	<p><a href="#">ANCEL X7 Professional Diagnostic Tablet - Features, Specs, and Software Guide</a></p> <p>Explore the ANCEL X7, a professional Android diagnostic tablet with extensive vehicle coverage, complete OBDII functionalities, and advanced features. Learn about its tablet and VCI specifications, software downloading, and APP guide.</p>