

ANCEL TD700

ANCEL TD700 OBD2 Scanner User Manual

For Toyota, Lexus, and Scion Vehicles (1996-2021)

1. INTRODUCTION

The ANCEL TD700 is a multi-system diagnostic scanner designed for Toyota, Lexus, and Scion vehicles manufactured between 1996 and 2021. This tool provides comprehensive diagnostic functions, including reading and clearing fault codes, accessing live data streams, and performing various service resets across multiple vehicle systems. It is intended to assist users in identifying and resolving vehicle issues efficiently.



Figure 1: ANCEL TD700 OBD2 Scanner device.

2. PACKAGE CONTENTS

Upon opening the package, verify that all items are present:

- 1 * ANCEL TD700 OBD2 Scanner
- 1 * USB Cable
- 1 * User Manual



Figure 2: ANCEL TD700 Product Packaging.

3. SETUP AND INITIAL USE

3.1 Device Connection

1. Locate the 16-pin OBD-II port in your vehicle. This port is typically found under the dashboard on the driver's side.
2. Connect the ANCEL TD700 scanner's cable to the vehicle's OBD-II port. The device will power on automatically.

3.2 Language Selection and Software Update

The device supports 12 different languages. To ensure optimal performance and access to the latest features, it is recommended to update the software and install desired language packages.

1. Visit the official ANCEL website and navigate to the Download Center.
2. Select the TD700 product model.
3. Download the desired language installation package to your computer.
4. Connect the TD700 device to your computer using the provided USB cable.
5. Follow the on-screen instructions on your computer to complete the software update and language installation.

MULTIPLE LANGUAGES SUPPORT



English



German



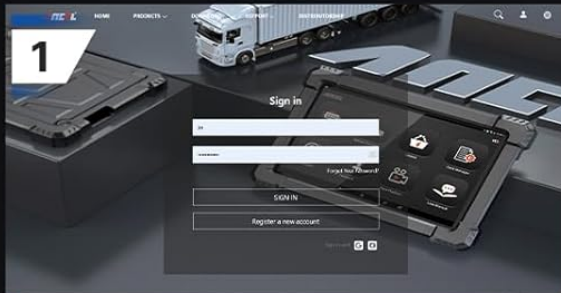
Spanish



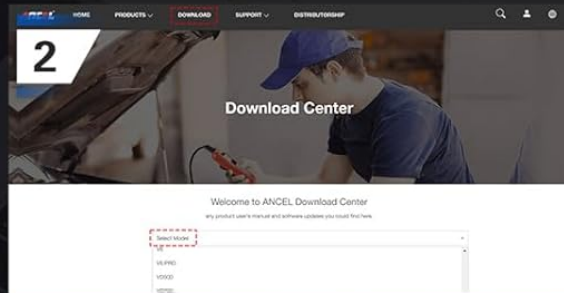
French



Italian



Login to ANCEL official website



Select "DOWNLOAD" -- Select "Product Model"



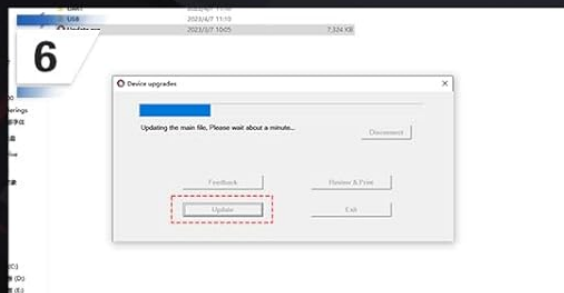
Select the desired language installation package



Download the language installer to your desktop



Connect the device to the computer with the data cable



Follow the on-screen instructions

You can download the required language installation package from our ANCEL official website.

Figure 3: Software Update and Language Support Process.

4. OPERATING INSTRUCTIONS

The ANCEL TD700 offers a range of diagnostic and service functions. Navigate through the menus using the directional buttons and confirm selections with the **OK** button. Use the **ESC** button to go back or exit a menu.

4.1 Vehicle Compatibility

The TD700 is compatible with most 1996-2021 Toyota, Lexus, and Scion vehicles equipped with an OBD 16 PIN interface and 12V voltage. This includes popular models such as Corolla, Camry, Tacoma, Prius, Tundra, and 4Runner. For specific model compatibility, refer to the detailed lists below or contact ANCEL support.

→ Fits for 1996-2021 Toyota

Fits for 86, 4Runner, Agya, Allion, Alphard, Alphard HV, Altezza, Altezza Gita, Aqua, Aristo, Aurion, Auris, Auris HV, Avalon, Avalon HV, Avanza, Avensis, Avensis Verso, Aygo, bB, Belta, Blade, Brevis, C+Pod, Caldina, Calya, Cami, Camroad, Camry, Camry Gracia, Camry HV, Carina, Celica, Celsior, Century, C-HR, C-HR EV, C-HR HV, Coaster, Comfort, Condor, Copen, Corolla, Corolla Allex, Corolla Axio, Corolla Axio HV, Corolla Cross, Corolla Cross HV, Corolla Fielder, Corolla Fielder HV, Corolla HV, Corolla iM, Corolla PHV, Corolla Rumion, Corolla Runx, Corolla Spacio, Corolla Sport, Corolla Sport HV, Corolla Touring, Corolla Touring HV, Corolla Verso, Corona, Cressida, Crown, Crown Comfort, Crown Estate, Crown HV, Crown Majesta, Crown Mild Hybrid, Crown Patrol Car, Crown Sedan, Curren, Duet, Dyna, Dyna 100, Dyna 150, Dyna 200, Echo, Echo Verso, eQ, Esquire, Esquire HV, Estima, Estima HV, Etios, E'z, FC System, FCHV-adv, FJ Cruiser, Fortuner, Fun Cargo, Gaia, Gran ACE, Grand Hiace, Granvia, Harrier, Harrier HV, Hiace, Highlander, Highlander HV, Hilux, Hilux Surf, Hilux SW4, Himedic, HongQi, Innova, Ipsum, Isis, ist, Izoa, Izoa EV, JPN Taxi, Key Regist, Kijang Innova, Kluger, Kluger HV, Land Cr Prado, Land CR., Land Cruiser, Land Cruiser Prado, Levin, Levin HV, Levin PHV, Liteace, MAC, Mark X, Mark X Zio, Mark2, Mark2 Blit, Mark2 Qualis, Matrix, Mirai, MR2, MR2 Spyder, MR-S, Nadia, NAV1, Noah, Noah HV, Opa, Paseo, Passo, Passo Sette, Picnic, Pixis Epoch, Pixis Joy, Pixis Mega, Pixis Space, Pixis Truck, Pixis Van, Platz, Porte, Premio, Previa, Previa HV, Prius, Prius +, Prius Alpha, Prius C, Prius PHV, Prius Prime, Prius V, Proace, Probox, Probox HV, Progres, Pronard, Quickdelivery, Ractis, Raize, Raum, Rav4, Rav4 EV, Rav4 HV, Rav4 PHV, Regius Hiace, Regiusace, Reiz, Roomy, Rukus, Rush, Rush Mid, Sai, SDF Vehicle, Sequoia, Sienna, Sienna HV, Sienta, Sienta HV, Soarer, Solara, Spacio, Spade, Sparky, Succeed, Succeed HV, Supra, T100, Tacoma, Tank, Tarago, Tercel, Touring Hiace, Townace, Toyoace, Truck, Tundra, Urban Cruiser, Vanguard, Vehicles before 1997, Vehicles before 2000, Vehicles before 2003, Vehicles before 2005, Vellfire, Vellfire HV, Venza, Venza HV, Verossa, Verso, Verso-s, Vios, Vista, Vista Ardeo, Vitz, Vitz HV, Voltz, Voxy, Voxy HV, Wigo, Wild Lander, Wild Lander HV, Wild Lander PHV, Will Cypha, Will Vi, Will VS, Windom, Wish, Yaris, Yaris Cross, Yaris Cross HV, Yaris HV, Yaris iA, Yaris R, Yaris Verso, Zelas, ZZZ1_P3S, ZZZ2_P4S, ZZZ3_P4C, ZZZ4_P5C.

Figure 4: Toyota Vehicle Compatibility.

→ Fits for 1996-2021 Lexus

Fits for CT200h, ES200, ES240, ES250, ES260, ES300, ES300h, ES330, ES350, GS F, GS200t, GS250, GS300, GS300h, GS350, GS400, GS430, GS450h, GS460, GX400, GX460, GX470, HS250h, IS F, IS200, IS200D, IS200t, IS220D, IS250, IS250C, IS300, IS300C, IS300h, IS350, IS350C, LC500, LC500c, LC500h, LFA, LM300h, LM350, LS350, LS400, LS430, LS460, LS500, LS500h, LS600h, LX450, LX450d, LX460, LX470, LX570, NX200, NX200t, NX300, NX300h, RC F, RC200t, RC300, RC300h, RC350, RX200t, RX270, RX300, RX330, RX350, RX400h, RX450h, SC300, SC400, SC430, UX200, UX250h, UX260h, UX300e

→ Fits for 1996-2021 Scion

Fits for most Scion vehicles with OBD16PIN interface 12V voltage.
Fits for FR-S, iA, iM, iQ, iQ EV, tC, xA, xB, xD

Figure 5: Lexus and Scion Vehicle Compatibility.

4.2 Full System Diagnosis for Toyota, Lexus, Scion

The TD700 can perform a comprehensive diagnosis of all available electronic control systems in compatible Toyota, Lexus, and Scion vehicles. This includes, but is not limited to, Engine, Transmission, Airbag (SRS), ABS, TPMS, SAS, BMS, EPB, GPS, ESP, and A/C systems.



Figure 6: Full System Diagnosis Menu.

4.3 OBD2 Standard Functions (All Vehicle Brands)

For all OBD2 compliant vehicles (1996 and newer), the TD700 provides standard OBD2 diagnostic capabilities:

- **Read Codes:** Displays Diagnostic Trouble Codes (DTCs) from the vehicle's computer.
- **Erase Codes:** Clears DTCs and turns off the Malfunction Indicator Lamp (MIL) after repairs are made.
- **Live Data Stream:** Shows real-time data from various sensors in text and graph formats.
- **I/M Readiness:** Checks the status of emission-related monitors.
- **EVAP System Test:** Initiates a leak test for the vehicle's evaporative emission system.
- **Vehicle Information:** Retrieves vehicle identification number (VIN), calibration ID, and calibration verification numbers.
- **Smog Check:** Helps determine if the vehicle is ready for an emissions test.



Figure 7: Multiple OBD Level Diagnostics.

4.4 Service Reset Functions (Toyota, Lexus, Scion)

The TD700 supports several hot service reset functions for compatible Toyota, Lexus, and Scion models:

- **Oil Reset:** Resets the oil service light after an oil change.
- **EPB Reset:** Resets the electronic parking brake after brake pad replacement.
- **TPMS Reset/Relearn:** Relearns TPMS sensors after replacement or tire rotation. *Note: The TD700's function is to extinguish the dashboard malfunction light after you resolve the fault. It does not scan TPMS sensor IDs directly.*
- **BMS Reset:** Resets the battery management system after battery replacement.
- **ABS Bleeding:** Performs ABS brake bleeding procedures.
- **SAS Calibration:** Calibrates the steering angle sensor.
- **Throttle Learning:** Performs throttle body relearn procedures.
- **Injector Coding:** Codes new injector values into the ECU.

Note: Special functions vary by vehicle and model year. Not all functions are supported on all compatible vehicles. Please confirm compatibility with ANCEL before purchasing if a specific function is critical.



Figure 8: Professional Maintenance Diagnostic Tool Functions.

4.5 Additional Features

- **Battery Voltage Check:** Displays current battery voltage.

- **Auto VIN:** Automatically identifies vehicle information.



Figure 9: Summary of ANCEL TD700 Features.

5. MAINTENANCE

5.1 Software Updates

Regular software updates are released to improve functionality, add new vehicle models, and fix bugs. It is recommended to periodically check the ANCEL official website for available updates and install them using the provided USB cable and a computer (refer to Section 3.2).

5.2 Device Care

- Keep the device clean and free from dust and moisture.
- Avoid dropping the device or subjecting it to strong impacts.
- Store the device in a cool, dry place when not in use.

6. TROUBLESHOOTING

- **Device does not power on:** Ensure the OBD-II cable is securely connected to the vehicle's port. Verify the vehicle's battery has sufficient voltage (12V).
- **Communication error with vehicle:** Check that the ignition is on. Ensure the OBD-II cable is properly connected. Verify the vehicle is compatible with the TD700 (1996-2021 Toyota, Lexus, Scion).
- **Specific function not working (e.g., Transmission Fluid Temperature):** The TD700 reads fault codes but does not support displaying transmission oil temperature data. Some advanced functions may not be supported on all compatible models. Contact ANCEL support with your vehicle's make, model, and year to confirm specific feature compatibility.
- **TPMS Relearn issues:** When performing TPMS relearn, ensure you follow the on-screen instructions carefully. After entering new sensor IDs, scroll down the menu to find the 'Enter' or 'OK' option to confirm, rather than using the physical 'OK' button on the device immediately. Driving the vehicle for a short distance (e.g., 30 km) after reset may be required for the system to fully relearn.
- **Slow operation:** The device may take 3-5 minutes to perform a full system diagnosis. This is normal operation.

7. SPECIFICATIONS

Feature	Specification
Brand	ANCEL
Model	TD700
Item Weight	1.1 pounds
Product Dimensions	10.43 x 7.68 x 1.77 inches
Operating System	Android 11.0
Supported Languages	English, French, German, Italian, Spanish, Polish, Norwegian, Danish, Finnish, Swedish, Portuguese, Russian
Vehicle Compatibility	Toyota, Lexus, Scion (1996-2021) with OBD 16 PIN, 12V

8. WARRANTY AND SUPPORT

8.1 Lifetime Free Upgrade

The ANCEL TD700 comes with a lifetime free upgrade policy, ensuring you have access to the latest software and vehicle coverage updates.


8.2 Customer Support

For technical assistance, compatibility inquiries, or any product-related questions, please contact ANCEL customer service. Contact information can typically be found on the official ANCEL website or through your purchase platform.

8.3 Legal Disclaimer

Any vehicle logos and brand names appearing in product descriptions are used solely to indicate compatibility. ANCEL products are not manufactured or sold by the mentioned vehicle brands.

Related Documents - TD700

	<p>ANCEL BD300 User Manual and Quick Start Guide</p> <p>Comprehensive user manual for the ANCEL BD300 Bluetooth OBD2 diagnostic tool, covering setup, operation, and features for BMW/Mini vehicles. Includes instructions for app connection, system diagnostics, and service resets.</p>
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<div><div>1/1/2021</div><div>08:00:00</div></div>	<div><div>ANCEL FX3000 User's Manual - Automotive Diagnostic Tool</div><div>Comprehensive user manual for the ANCEL FX3000 OBD2 scanner, detailing its features, diagnostics, connection, registration, and troubleshooting for automotive repair.</div></div>
<div><div>ANCEL FX2000 Upgrade Guide</div><div><div>ANCEL FX2000 Upgrade Guide</div><div><div>ANCEL FX2000 Upgrade Guide</div><div><div>ANCEL FX2000 Upgrade Guide</div></div></div></div></div>	<div><div>ANCEL FX2000 Upgrade Guide: Step-by-Step Software Update Instructions</div><div>Detailed instructions for updating your ANCEL FX2000 automotive OBD2 diagnostic scan tool via USB. Learn to download, install, register, and apply software updates for your device, covering engine, ABS, SRS, and transmission systems.</div></div>
<div><div>1/1/2020</div><div>12:10:20</div></div>	<div><div>ANCEL FX2000 User Manual: Automotive OBD II Diagnostic Tool Guide</div><div>Comprehensive user manual for the ANCEL FX2000 automotive OBD II diagnostic scanner. Learn about its features, connection, diagnosis, registration, and troubleshooting for vehicle maintenance.</div></div>
<div><div>ANCEL AD310 Firmware Update Guide</div><div><div>ANCEL AD310 Firmware Update Guide</div><div><div>ANCEL AD310 Firmware Update Guide</div><div><div>ANCEL AD310 Firmware Update Guide</div></div></div></div></div>	<div><div>ANCEL AD310 Firmware Update Guide: Step-by-Step Instructions</div><div>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.</div></div>
<div><div>ANCEL AD410 Usage/Upgrade/Feedback Issues</div></div>	<div><div>ANCEL AD410 Usage, Upgrade, and Feedback Issues Troubleshooting Guide</div><div>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.</div></div>