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› CLAS Equipements Thinktool Reader 7- AD000TKRE7 Diagnostic Tool User Manual

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Model: Thinktool Reader 7- AD000TKRE7

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1. INTRODUCTION

The CLAS Equipements Thinktool Reader 7- AD000TKRE7 is a comprehensive diagnostic tool designed for automotive professionals and enthusiasts. It supports full OBD II and EOBD II functions, offering advanced diagnostic capabilities for various vehicle systems. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.



Figure 1: The Thinktool Reader 7 diagnostic tool, showing the main unit and the attached OBD II cable.

2. SETUP

Before using your Thinktool Reader 7, ensure it is properly set up.

2.1 Unpacking

Carefully remove all components from the packaging. The main unit and the OBD I cable should be present.

2.2 Connecting to Vehicle

1. Locate the vehicle's OBD II diagnostic port. This port is typically found under the dashboard on the driver's side.
2. Connect the OBD I cable from the Thinktool Reader 7 to the vehicle's OBD II port. Ensure a secure connection.
3. Once connected, the device will power on automatically.

3. OPERATING INSTRUCTIONS

The Thinktool Reader 7 operates on Android 6 and provides a user-friendly interface for various diagnostic functions.

3.1 Basic Diagnostic Functions

The device supports full OBD II and EOBD II functions, including:

- **Reading and Clearing Codes:** Retrieve and erase Diagnostic Trouble Codes (DTCs).

- **Freeze Frame Data:** View a snapshot of vehicle conditions when an emission-related fault occurred.
- **I/M Readiness:** Check the status of emission-related monitors to determine if the vehicle is ready for an inspection/maintenance test.
- **Data Flow:** Display real-time sensor data, which can be viewed as a graph for more accurate diagnosis.
- **O2 Sensor Test:** Retrieve O2 sensor monitor test results.
- **EVAP System Test:** Initiate a test of the evaporative emission system.



Figure 2: Main menu interface of the Thinktool Reader 7, displaying various diagnostic and utility options.

3.2 Reset Modules

The Thinktool Reader 7 offers 28 customizable reset modules. Users can select 7 specific reset modules for lifetime free updates. Examples of available reset modules include:

- AdBlue Reset
- Adaptive Front Lighting System Reset
- Airbag Reset
- ABS Purge
- Battery Adaptation
- Brake Pad Reset
- DPF Regeneration
- Electronic Throttle Adaptation
- Injector Coding
- TPMS System Reset

Note: Once 7 modules are selected, they cannot be changed.

3.3 ECU Compatibility

The device is compatible with 7 Electronic Control Units (ECUs):

- **ABS:** Anti-lock Braking System
- **SRS:** Supplemental Restraint System (Airbag System)
- **ECM:** Engine Control Module
- **TCM:** Transmission Control Module (Auto Transmission)
- **BCM:** Body Control Module (Cabin Module)
- **AC:** Air Conditioning System
- **IC:** Instrument Cluster (Instrument Combo)



Figure 3: Vehicle selection screen on the Thinktool Reader 7, allowing users to choose between American, European, and Asian manufacturers for diagnosis.

4. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your Thinktool Reader 7.

4.1 Cleaning

- Use a soft, dry cloth to clean the device's screen and exterior.
- Avoid using abrasive cleaners or solvents, as these can damage the screen or casing.

4.2 Storage

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep the device and its cable free from kinks or damage.

4.3 Software Updates

The Thinktool Reader 7 offers lifetime free updates for the 7 selected reset functions. Regularly check for and install updates to ensure your device has the latest vehicle coverage and features. Updates can typically be accessed via the "Update" option on the main menu (refer to Figure 2).

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Thinktool Reader 7.

Problem	Possible Cause	Solution
Device does not power on.	Loose OBD II connection or vehicle's OBD II port is not supplying power.	Ensure the OBD II cable is securely connected to both the device and the vehicle's port. Check the vehicle's fuse for the OBD II port.
Cannot establish communication with vehicle.	Incorrect vehicle protocol, faulty connection, or vehicle ignition is off.	Verify the vehicle's ignition is in the ON position. Re-check the OBD II connection. Ensure the correct vehicle make/model is selected if prompted.
Screen is unresponsive.	Temporary software glitch.	Restart the device by disconnecting and reconnecting the OBD II cable. If the issue persists, contact support.
Update fails.	Poor internet connection or insufficient storage.	Ensure a stable internet connection. Check available storage space (device has 16GB). Try the update again.

6. SPECIFICATIONS

Key technical specifications for the Thinktool Reader 7- AD000TKRE7:

- **Operating System:** Android 6
- **Screen:** 5 inches
- **Storage:** 16GB
- **Item Weight:** 1.1 Kilograms
- **Brand:** CLAS Equipements
- **Model:** Thinktool Reader 7- AD000TKRE7
- **Included Components:** Main Unit, OBD I Cable

7. WARRANTY AND SUPPORT

CLAS Equipements is a French brand committed to quality and compliance with current standards. The Thinktool Reader 7 comes with:

- **Lifetime Free Updates:** For the 7 selected reset modules.
- **Product Compliance:** All CLAS Equipements products comply with current standards.

For technical support or warranty inquiries, please contact your local CLAS Equipements distributor or the DIGITAL CENTRALE team, as mentioned by the manufacturer.

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