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ANCEL BM700 Diagnostic Tool User Manual

SAFETY PRECAUTIONS

To prevent personal injury or damage to vehicles and/or the scan tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

- Always perform automotive testing in a safe environment.
- Do not attempt to operate or observe the tool while driving a vehicle.
- Operating or observing the tool will cause driver distraction and could cause a fatal accident.
- Wear safety eye protection that meets ANSI standards
- Operate the vehicle in a well-ventilated work area:
- Exhaust Gases are Poisonous.

Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged Keep the scan tool dry, clean, and free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool, when necessary.

ABOUT BM700

1. **Coverage**
   - BM700 supports BMW, Mini and Rolls-Royce brand cars.
   - It works on all the systems, such as the engine, transmission, ABS and airbag, etc.
2. **Supports OBDII/EOBD Modes of operation**

Product specification

- 2 8″ 240×320 pixels LCD screen
- Operating Voltage: 8V-18V
- Operating Temperature: OOC-600C(32-1400F)
- Storage Temperature: -200C-700C(4-1580F)

Appearance and button description

1. **LCD SCREEN**

   pixels display
2. **[0K] BUTTON**

   menu
3. **ESC BUTTON**
   - Indicates test results. Backlit, 320 x 240
   - Confirms a selection (or action) from a Cancels a selection (or action) from a menu or returns to the menu.
4. **[LEFT] SCROLL BUTTON** – In the menu mode, through the menu and sub menu move to the left, when rolling in dataThe interface, using the left button, can be moved to the last screen.
5. **[RIGHT] SCROLL BUTTON** – In the menu mode, through the menu and sub menu items move to the right, when rolling in the data interface, using the right button can be moved to the next screen
6. **[UP] SCROLL BUTTON** – In the menu mode through the menu and sub menu items moving up. When retrieving data for more than a screen by moving up the screen to the previous screen for more data
7. **[DOWN] SCROLL BUTTON** – In the menu mode, through the Tenu and sub-menu

items moves down. When retrieving data from more than one screen, by moving down the screen to the next screen for more data

8. **OBD-16PIN CONNECTOR –** Connects the scan tool to the vehicle's Data Link Connector (DLC).

9. **[I/M] BUTTON –** Quick State Emissions readiness check and Drive cycle verification.

   Remarks

   - MIL Yellow- Dashboard MIL ON
   - MIL Grey-Dashboard MIL OFF
   - Ø -not support
   - 4/ -complete
   - X -not complete

10. **[READ DTC] BUTTON-** Quickly read the vehicle's fault codes.

OPERATION INSTRUCTIONS

Connect BM700

- Turn the ignition on.
- Locate the vehicle's 16-pin Data Link Connector (DLC).

BM700 Features

ForBMWw

- Choose [For BMW] and then select [For BMW Series Diagnose].
- The screen will show all car series. As follows:

For example: Choose [For 5 Series] and select [G38(2017-Present)], it displays as follows:

Basic Functions

- Choose [Basic Functions] and it displays asfollowswA A system scan is to scan all vehicle systems.
- Manual Select is to display all possible systems, select one of them as the system for diagnosis.

Choose [Manual Select] and it displays as follows:

For example: Choose [ECM Engine Control Module] and it displays as follows:

Version Information

Choose [Version Information] and it displays as follows :

Read Fault Codes

Choose [Read Fault Codes]. Press the up or down button to check each fault code as follows:

Erase Fault Codes

Choose [Erase Fault Codes], then press the [0K] button as follows:

You need to press [0K] again to clear the fault codes, or you can press the [ESC] button to give up clearing fault codes, as follows:

Read Datastream

Choose [Read Datastream], then press the [0K] button as follows:

Choose [Select Items] and press the [0K] button as follows:

- Press the [LEFT] and [RIGHT] buttons to page
- Press the [UP] and [DOWN] buttons to select one by one
- Press the [0K] button to select the Datastream
- Press the [ESC] button to read Datastream

Special Functions

Choose [Special Functions] and it displays as follows:

CBS Functions

Choose [CBS Function (Service Function)] and it displays as follows :

- [CBS reset I]: Engine oil, Spark plugs, Front brakes, Rear brakes, Coolant, Diesel particle filter, Brake fluid, Micro filter,
- Vehicle inspection, Exhaust emission inspection, Vehicle check.

- [CBS reset 2]: Oil service, Inspection, Time interval, Correct follow-on service, Display service interval status.
- [CBS correction]: Engine oil, Spark plugs, Front brakes, Rear brakes, Coolant, Diesel particle filter, Brake fluid, Micro filter, Vehicle inspection, Exhaust emission inspection, Vehicle check.

ECM Engine Control Module

Choose [ECM Engine Control Module] and it displays as follows:

Step 1: Use the up or down button to select the (2) option and Press the [0K] button to achieve register battery replacement and display the following menu:

Step 2: Use the up or down button to select the (1) option and Press the [0K] button to display the following menu:

EPB Electronic Parking Brake

Choose [EPB Electronic Parking brake] and it displays as follows:

Steering-angle sensor

EPB Parking brake or s op mode, Automatic Hold… Startup-up,A utomatic Holbrakeke
Choose [Steering-angle sensor] and it displays as follows:
Note: The special features of each model are different, please according to the actual operation.

Erase All Systems Fault Codes

Choose [Erase All Systems Fault Codes] and it displays as follows: You need to press [0K] again to clear the fault codes. Or you can press the [ESC] button to give up clearing fault codes. It shows as follows after clearing the fault codes.
Note: For BMWcarsr after 2003.

BDII System

Read Codes

1. Use the UP/DOWN scroll button to select Read Codes from the Diagnostic Menu and press [0K]
2. View DTCs and their definitions on screen.

Erase Codes

1. Use the UP/DOWN scroll buttons to select Erase Codes from the Diagnostic Menu and press [0K]
2. A warning message comes up asking for your confirmation
3. Press [0K] to confirm.

M Readiness

Use the UP/DOWN scroll button to select 11M Readiness from the Diagnostic Menu and press [0K]

Data Stream

Use the UP/DOWN scroll button to select Data Stream from the Diagnostic Menu and press [0K]

Evap Leak Test

Use the UP/DOWN scroll button to select Evap Leak Test from the Diagnostic Menu and press [0K].

Vehicle Information

Use the UP/DOWN scroll button to select Vehicle Information from the Diagnostic Menu and press [0K].

Tool Setup

Language

Choose [Language] and it displays as follows:

Interface languages: English, French, German, Spanish, Russian, Portuguese, Sweden, Finland, Norway, Denmark, Italian.

Beeper

Choose [Beeper] and it displays as follows:

Instructions(Display at startup)

Choose [Instructions(Display at startup)] and it displays as follows:

Unit of measure

Choose the Unit of measure and it displays as follows:

Skin style

Choose the Unit of measure, and it displays as follows:

Feedback

1. If it shows a connected error with the vehicle or another problem during use, please use the feedback function. Choose [Feedback] and it displays as follows:
   Next: Press the SC Button several times and return to the main menu.
2. For example: Register battery change failed.l
   Enter the [Register battery change] option, and do Register battery change again (This step is very important).
   Note: Keepthe tooll connected to the car in the above steps
3. After doing register battery change, disconnect with the car.
4. Transfer data to your computer and generate a feedback file (You need to download the upgrade file on the computer from the ANCEL website). The device is connected to the computer through a USB cable.

Choose "Update" file, and it displays as follows

Click "Feedback" and it displays as follows:

Please send feedback.Binn file to support@anceltech.com.

Device Information

Choose Device Information,ion and it displays as follows:

Update

1. Downthe load update software.
2. Connect the device with a computer through a USB cable.
3. The updated software is only supported by win7/8/10.

If the computer system is Windows 7, please click "install driver. bat" in the driver files to install the driver.

Windows 8/10 can run update software directly.

Warranty

1. This warranty is limited to the person who purchases ANCEL products.
2. The ANCEL product is warranted against defects in material and workmanship for one year (12 months) from the date of delivery to the user.

OBDSPACE TECHNOLOGY CO., LTD

Address: Runfeng office,eLonghua district, Shenzhenn Guangdong 518000 P R China

Tel: 0755-81751202

E-mail: support@anceltech.com

Website: anceltech.com

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References

- User Manual

🏷 ANCEL, BM700, BM700 Diagnostic Tool, Diagnostic Tool, user manual

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