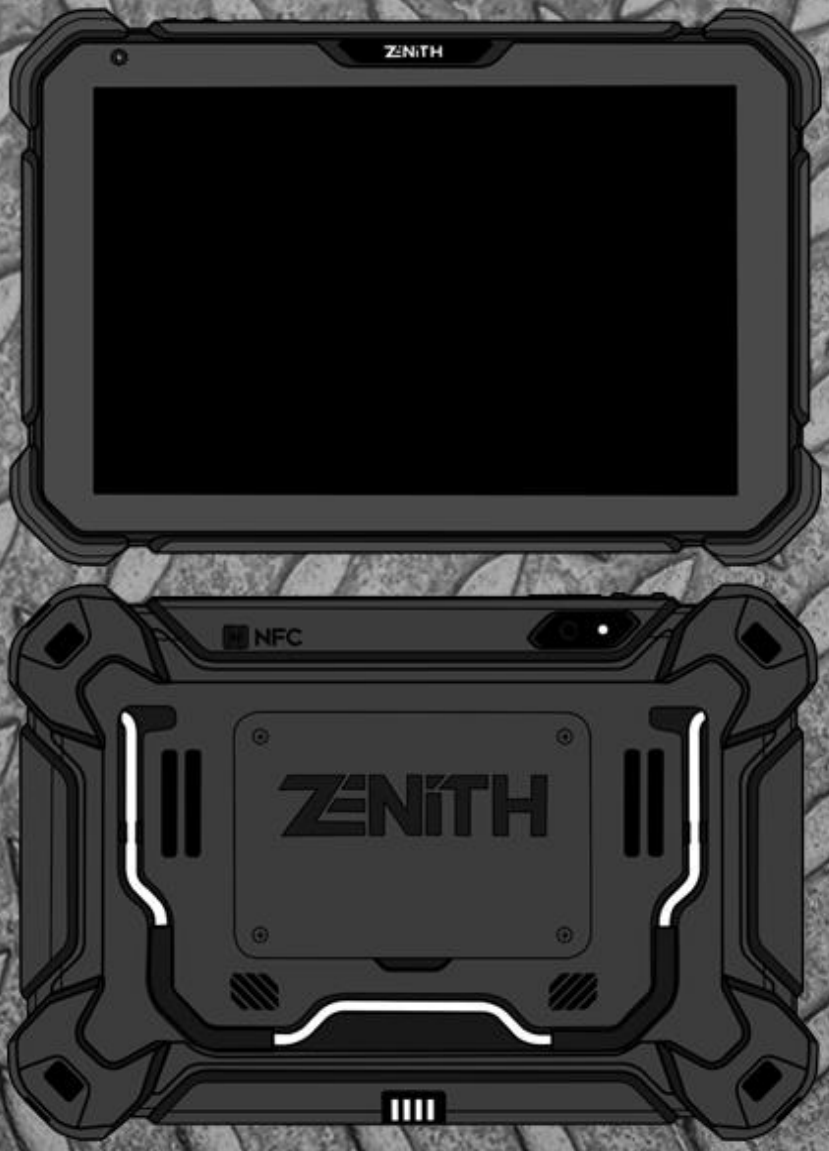

ZENITH Z7 PRO
QUICK MANUAL

VER. 2.00

ZENITH Z7 Quick Manual

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Hardware Configuration – Main Unit

1. Power Button
2. Volume Control Button
3. Peripherals Terminal 1
   USB Type A and Type C
4. Peripherals Terminal 2
   RJ45, Micro SD and HDMI
5. Battery Charging Indicator
6. Stylus Pen
7. Rear Camera
8. Speaker
9. Cradle Charging Contacts

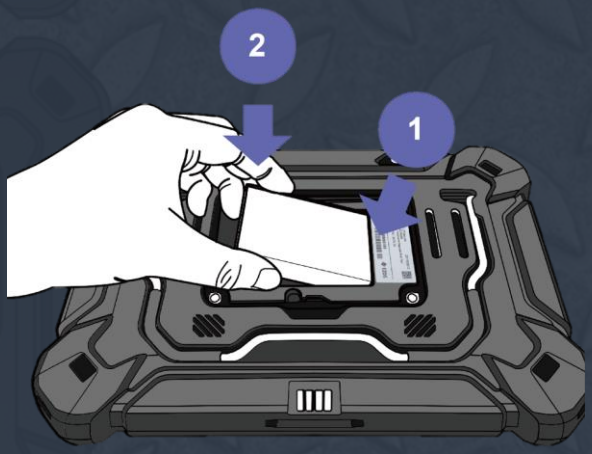
Hardware Configuration – ZVCI2

1. D-Sub Port
2. Peripherals Terminal
   - DC Jack for Battery to DC Cable
   - USB Type C
   - RJ45

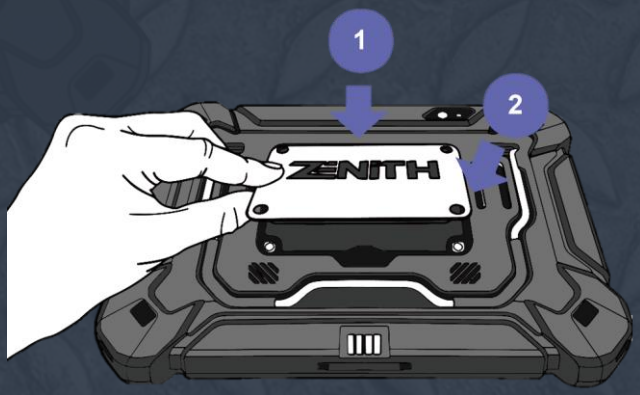
Battery Installation

A brand-new Zenith Z7 will be delivered with its rechargeable battery detached. To power on and to properly charge the Zenith Z7, install the provided rechargeable battery and connect the AC/DC adapter. Follow the steps described in this section to properly install the rechargeable battery in the Zenith Z7.

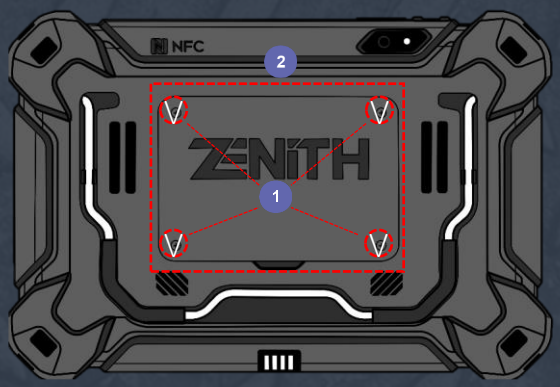
1. Insert the battery in place with its contacts aligned with those on Zenith Z7 side (1).



2. After inserting the battery, place the battery cover as the picture on the right.



3. Tighten 4 x screws (1) at the each corners of the red box to assemble the battery cover (2) with the Main Unit.



Physical Hard Buttons - 1

A. Battery Charging mode

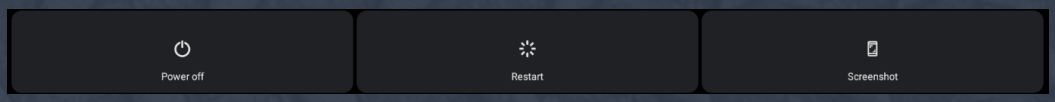
Zenith Z7 switches to Battery Charging mode when the external power is supplied to the Main Unit by connecting the AC/DC adapter or placing it on the charging cradle. When the Zenith Z7 has been switched to the Battery Charging mode, the system becomes ready to turn on. The battery charge level is indicated in the center of the screen.

B. Power Button

To turn on the Zenith Z7, press and hold down on the [Power] button for more than 3 seconds.

With the main unit powered on, tapping the power button will turn the device to [Power saving mode]. By tapping the power button again, the device will come back to its normal mode.

Keep pressing the power button for longer than 2 seconds, then a popup menu for [Power off], [Restart], and [Screenshot] appears on the screen.



Physical Hard Buttons - 2

[Power off]
Closes all the running applications and turns the device off.

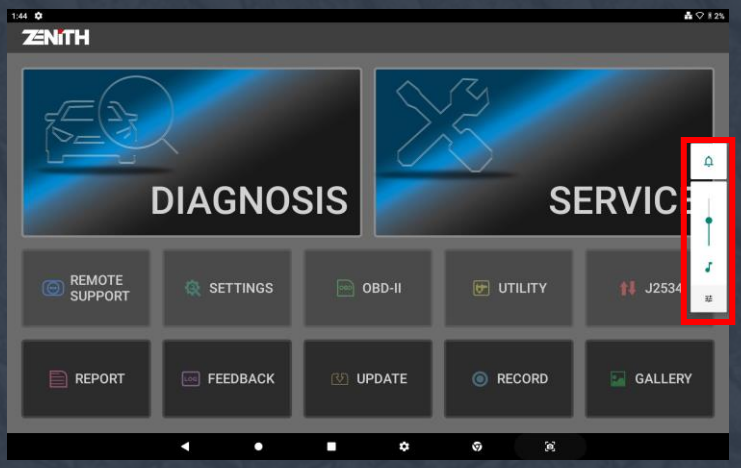
[Restart]
Closes all the running applications and reboots the device.

[Screenshot]
Captures a screenshot of the current screen and saves it in the image folder.

C. Volume Control Buttons

You can change the volume level with the volume control buttons. When the volume key is pressed, the volume level is displayed on the pop-up slide on the screen as shown below.

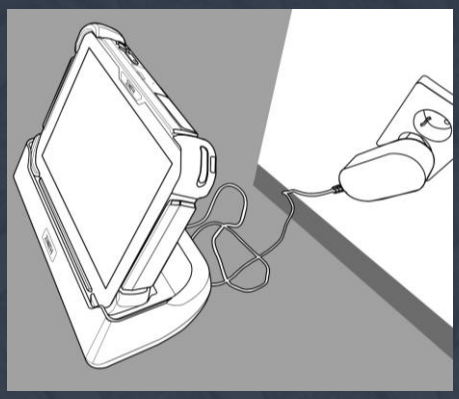
You can also control the volume for Media, Alarm and Notification by pressing the setting icon at the bottom of the pop-up slide menu.



Power Supply to Main Unit

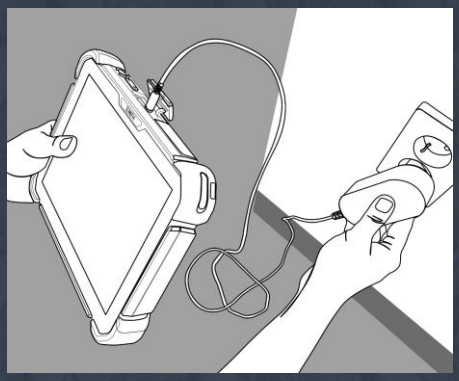
Power supply to Zenith Z7 is available from 3 different sources.
EZDS recommends to use either the charging cradle or the USB Type-C for charging. However, if the battery level of Z7 Main unit gets low while using it without external power supply, you can alternatively supply power from vehicle's OBD2 port by connecting the main unit with ZVCI2 by the USB Cable.

A. Charging Cradle



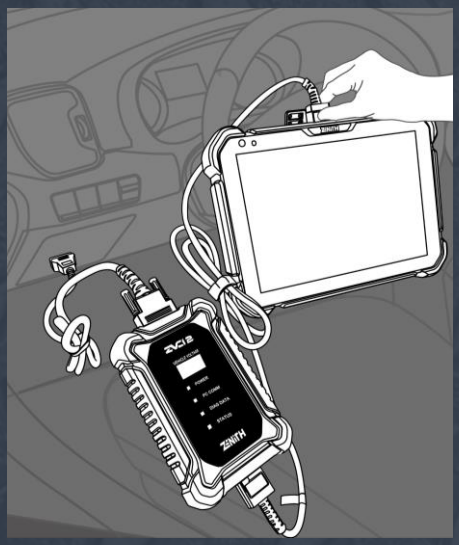
1. Connect the USB type C jack of the AC/DC adapter to the cradle's input port.
2. Extend the AC plug of the AC/DC adapter to the AC wall outlet.
3. Sit Zenith Z7 Main Unit on the Z7 Cradle in place.

Please do not use USB Cable provided by EZDS while using the cradle for charging Z7 Main unit



B. USB Type-C

1. Connect the USB type jack of the AC/DC adapter to Zenith Z7's USB C type port.
2. Extend the AC plug of the AC/DC adapter to the AC outlet.



C. Charging through ZVCI2

1. Extend the Zenith Z7 main cable to the vehicle side diagnostic socket. Attach the respective OBD non-standard adapter if necessary.
2. Connect the Zenith Z7 USB cable supplied with the kit to the both sides of Z7 Main Unit and ZVCI2. Power is delivered to the main unit from the diagnostic socket through ZVCI2.
3. The remaining battery power should be more than 1% for charging through ZVCI2.

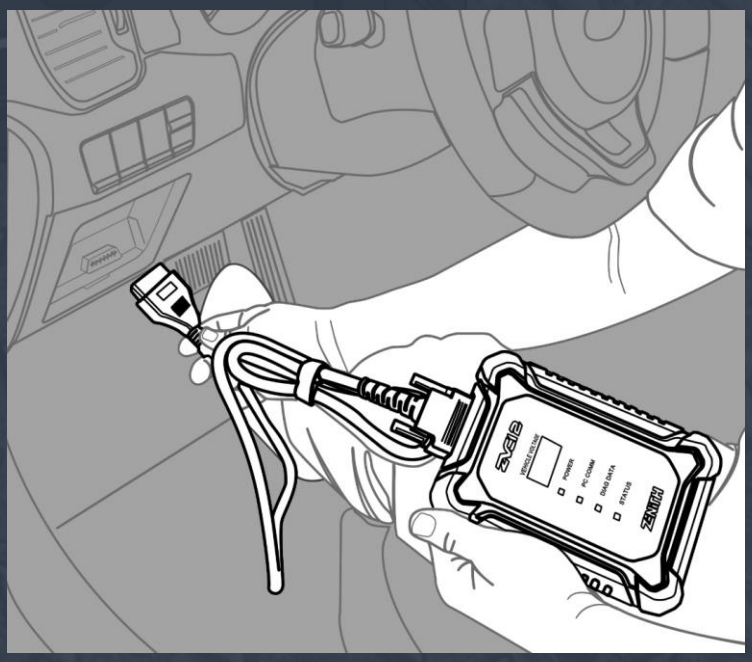
Connecting to the vehicle

A. Connect main cable to ZVCI2

Connect the main DLC cable to the ZVCI2 D-sub connector and secure the connection by fastening the 2 D-Sub connector screws. Do not apply excessive force when fastening the screws.

B. Connecting to the Vehicle

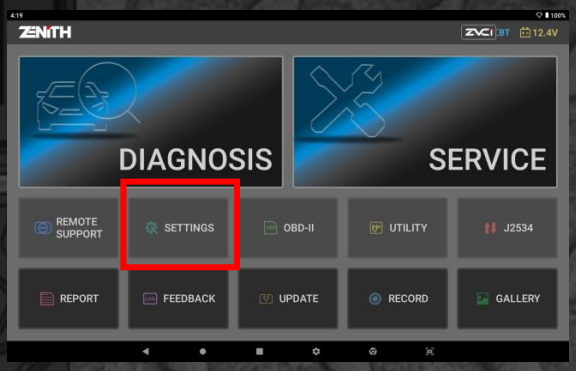
Different types of non-standard diagnostic adapter may be used for the pre-OBD2 models or the commercial vehicles. If the vehicle is not OBD2 / EOBD compliant, identify and attach the matching adapter, then connect it to the vehicle side socket.



ZVCI2 and Main Unit Pairing

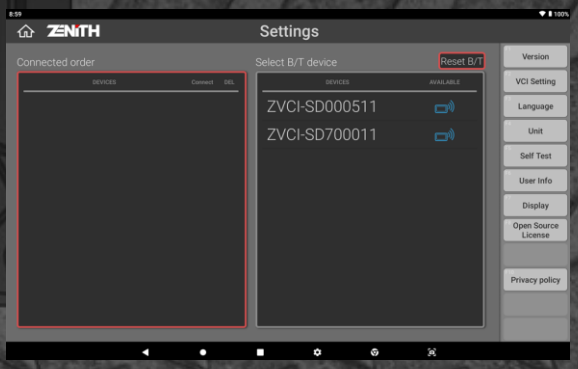
A. [Settings]

Select [SETTINGS] from menu.



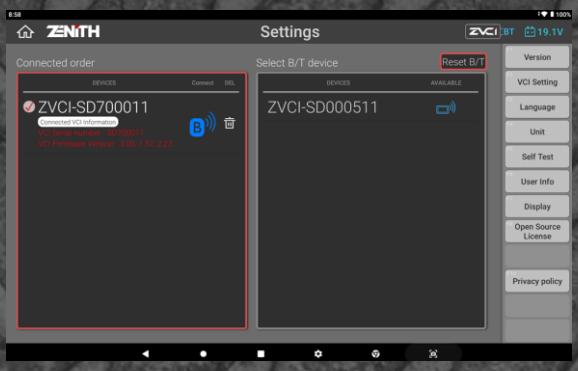
B. [VCI Setting]

1. Select the [VCI Setting] from the [SETTINGS] screen menu.
   When not paired, the left side of the screen will appear empty.



2. Select the correct serial number of the ZVCI2 that you desire to use among the listed serial numbers in the right side of the screen. Note that multiple ZVCI2 serial numbers may be listed in the right side of the screen according to the operating environment and pairing history.

3. Once the selected ZVCI2 is connected with the Main Unit, the S/N of ZVCI2 will be shifted left side of screen and the vehicle voltage will be shown with the active Bluetooth icon.



4. If you want to disconnect the current Bluetooth connection, touch the wastebasket mark.

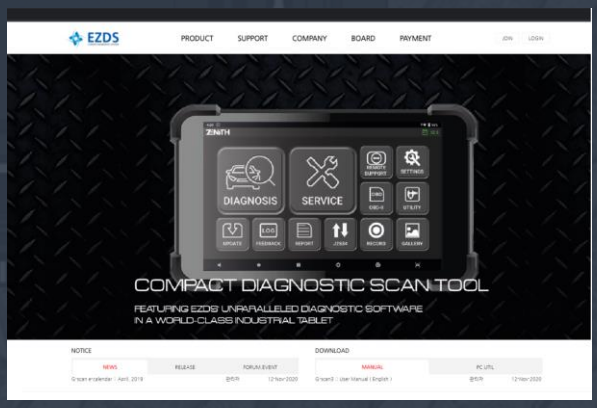
Device Activation - 1

Inactive when delivered

A brand new Zenith Z7 is delivered with the Zenith diagnostic software installed. However, it remains inactive until the product is registered to the EZDS server as sold to the end user. To activate the software properly, you need to create an account at EZDS website and complete the product registration.

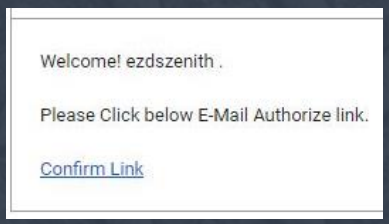
Step 1. Membership Enrollment at EZDS.com

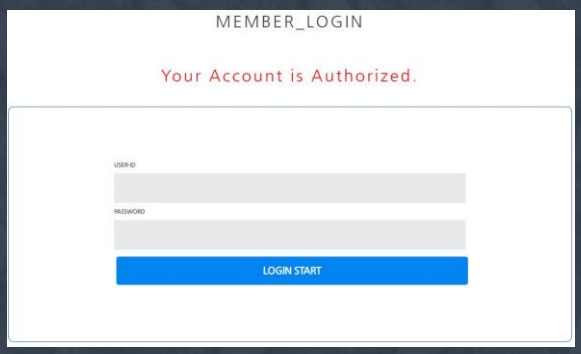
Visit EZDS website www.zenithdiag.com to create your user account and press the Join button to enroll your membership.



Step 2. E-Mail Verification

A verification email will be sent automatically to the address that you entered while signing up for account creation.
Go to your email in-box and check for the email titled 'Welcome to join E-ZDS!'.
Open the email and click the Confirm Link.

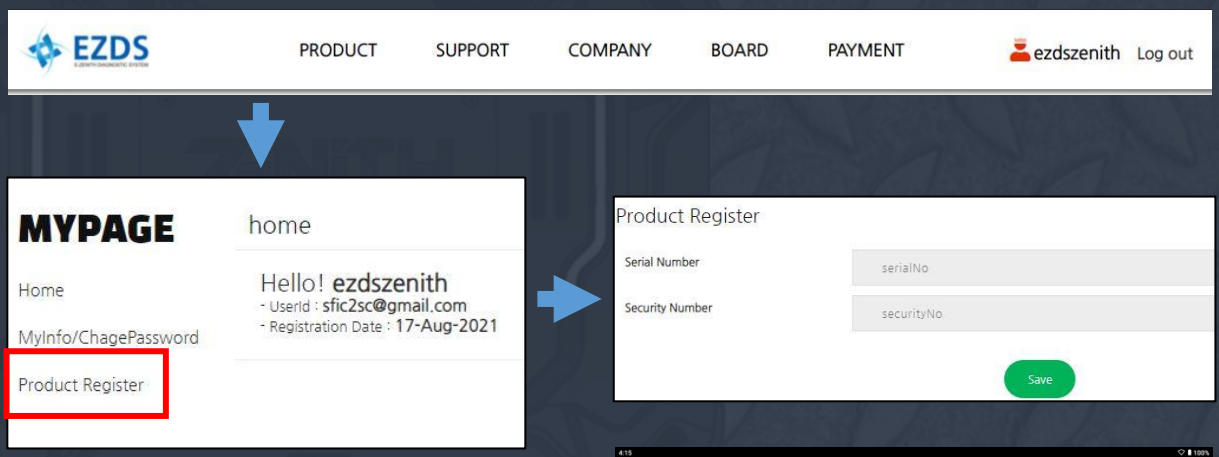




Device Activation - 2

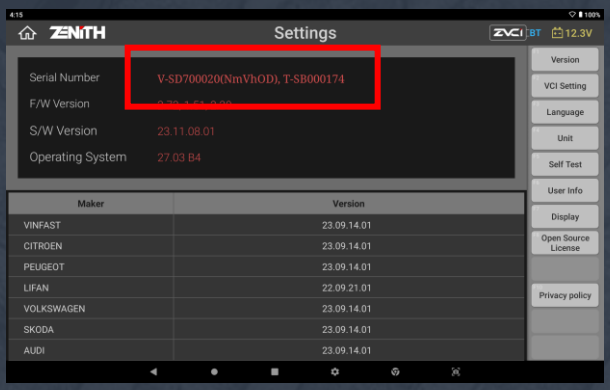
Step 3. Zenith Z7 Device Registration

Login to your account and click your ID at the top menu to go to [My Page].
Click [Product Register] to enter the serial number and the security check code of your Zenith Z7 for registration.

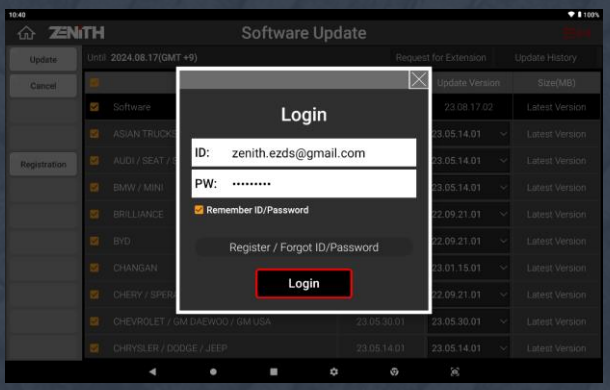


Security Check Code is found in the [SETTINGS] screen of the Z7 Main Unit. Check the serial number and the security code is found next to it.

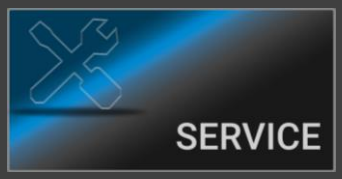
Make sure to enter the code correctly as they are case sensitive.



When registration at the website is completed, the membership database needs to be refreshed. It generally takes 10 ~ 20 minutes, then you can download the latest version software from the server by entering the registered user ID and password.

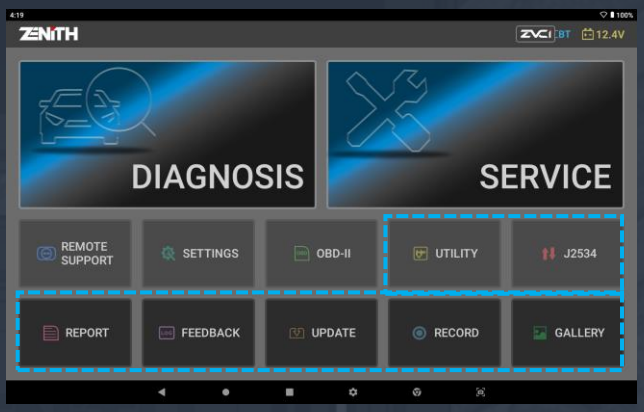


Major Functions - 1

	Runs manufacturer specific diagnostic functions including DTC Analysis, Data Analysis, Actuation Test, ECU Info and various Special Functions for each carline.
	Shortcuts to the frequently used service functions in the workshops such as ADAS calibration, Brake Pad Replacement, Engine Oil Reset, Brake Air Bleeding, Battery Reset, Steering Angle Sensor Calibration, etc.

REMOTE SUPPORT	Opens the remote support application enabling the tech support staffs or software engineers of EZDS to remote into the main unit for analysis
SETTINGS	Opens the Settings menu where software version information check, language selection, Self-test and various user settings can be reviewed and changed
OBD-II	Performs Generic OBD2/EOBD diagnostic functions for the ISO9141-2, ISO14230 (KWP2000) and ISO15765-4 (CAN-Bus) compliant vehicles

Major Functions - 2



UTILITY	Calls the Zenith Z7's various utility programs such as "Vehicle Communication Line Check", "Unit Converter", "Calculator", "Special Function Calculator", etc
J2534	Turns Z7 into a Pass-thru device for standard SAE J2534 communication
REPORT	Retrieves the previously saved Pre and Post Repair Diagnostic Report that can be added to Z7 memory while performing Diagnosis function.
FEEDBACK	Allows user to send the saved log data to EZDS or delete
UPDATE	Allows user to download latest software from EZDS server. "New" icon will be displayed with the button when the new software is available for download.
RECORD	Retrieves data files recorded in the Zenith Z7 internal memory, including flight record data
GALLERY	Opens saved screenshots, photos, and videos