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Safety Precautions

The safety messages herein cover situations SOMIT SOLUTIONS is aware of. SOMIT SOLUTIONS cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any conditions or service procedure encountered does not jeopardize your personal safety.

Before using this test equipment, please read the following safety information carefully.

- Always perform automotive testing in a safe environment.
- Wear an ANSI-approved eye shield when testing or repairing vehicles.
- The vehicle shall be tested in a well ventilated work area, as engines produce various poisonous compounds (hydrocarbon, carbon monoxide, nitrogen oxides, etc.)
- Do not connect or disconnect any test equipment while the ignition is on or the engine is running.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.
- Keep the test equipment dry, clean, free from oil, water or grease. Use a mild detergent on a clean cloth to clear the outside of the equipment as necessary.
- Do not drive the vehicle and operate the test equipment at the same time. Any distraction may cause an accident.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Before starting the engine, put the gear lever in the Neutral position (for manual transmission) or in the Park (for automatic transmission) position to avoid injury.
- To avoid damaging the test equipment or generating false data, please make sure the vehicle battery is fully charged and the connection to the vehicle DLC

(Data Link Connector) is clear and secure.

- Automotive batteries contain sulfuric acid that is harmful to skin. In operation, direct contact with the automotive batteries should be avoided. Pay attention not to splash sulfuric acid into eyes. Keep the ignition sources away from the battery at all times.

Vehicle ECU Precautions

- Do not disconnect battery or any wiring cables in the vehicle when the ignition switch is on, as this could avoid damage to the sensors or the ECU.
- Do not place any magnetic objects near the ECU. Disconnect the power supply to the ECU before performing any welding operations on the vehicle.
- Use extreme caution when performing any operations near the ECU or sensors. Ground yourself when you disassemble PROM, otherwise ECU and sensors can be damaged by static electricity.
- When reconnecting the ECU harness connector, be sure it is attached firmly, otherwise electronic elements, such as ICs inside the ECU, can be damaged.

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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1 Introduction

1.1 Product Profile

The T4H Land Rover diagnostic tool is an evolutionary vehicle diagnostic tool developed exclusively for Land Rover vehicles. Featuring a dual-core 1GHz processor, and a 5 inch LED capacitive touch screen, T4H delivers functionality which helps to diagnose vehicle issues more efficiently and accurately.

There are two main components to the T4H system:

- **T4H Handset** -- the central system (for details, please refer to Chapter 1.2.)
- **Diagnostic Cable** -- the cable used to connect T4H to a diagnostic connector for accessing vehicle data

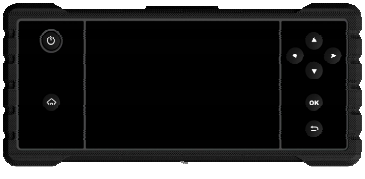

Fig. 2-1 T4H display tablet

Fig. 2-2 Diagnostic cable

1.2 T4H Display Tablet

Fig. 2-3 T4H Handset (front & rear view)

Table 2-1 formulates interfaces and indicators of T4H Handset:

No.	Name & Descriptions
1	**DB15 Connector** – To connect the diagnostic main cable.
2	**Screen Lock/Power Button** – To turn the display on/off with long press, or lock the screen with short press.
3	**Home Button** – To return to the HOME screen.
4	**TF Card Slot** – To insert the TF card.
5	**USB Port** – To connect the included power adaptor.
6	**Hand Grip**

7	**Audio Speaker**
8	**Touch Screen**
9	**Selection Button**
10	**OK Button** – To confirm an action or operation.
11	**Back Button** – To go back to the previous screen.
12	**Microphone**

1.3 Accessory Checklist

While opening the packing box for the first time, please carefully check the following accessories:

No.	Name	Qt.
1	T4H Display Tablet	1
2	Diagnostic Main Cable	1
3	Power Adaptor	1
4	USB Cable	1
5	Land Rover Diagnostic Adapter Cables	3

1.4 Technical Specifications

Item	Description
Operating system	Android 4.2
Display	5 inch touch screen with 800 x 480 pixels
Connectivity	• Wi-Fi (802.11 b/g/n) • USB: 2.0
Sensor	Gravity Accelerometer
Audio Input/Output	• Microphone • Speakers
Operating Temperature	0℃ ~ 40℃(32 ~104℉)
Storage Temperature	-20℃ ~ 70℃(-4 ~158℉)

2 Preparations

2.1 Charging the T4H

1. Connect the USB end of the power adaptor to the USB port of your tool;
2. Connect the other end of the adaptor into an AC outlet. If the tool is being charged, the charging indicator displays . Once the indicator turns , it means that that charging is complete.

2.2 Using your battery

- If the battery remains unused for a long period of time or the battery is completely discharged, it is normal that the handset will not power on while being charged. Please charge for a period of 5 minutes and then turn it on.
- Please use the included charger to charge your T4H. No responsibility can be assumed for any damage or loss caused as a result of using power adaptors other than the one supplied.
- The battery charging time will vary with temperature condition and battery consumption status.

2.3 Power on/off

2.3.1 Power on

Press the POWER key to turn the handset on.

Note: If it is the first time you have used this tool or the tool remains idle for a long period of time, the handset could fail to turn on. Please charge the handset for a minimum of 5 minutes and attempt to turn on again.

2.3.2 Power off

1. Press the POWER key, an option menu will appear on screen.
2. Press “Power off” to turn the handset off.

2.4 Tips on finger operations

Actions	Results
Single-tap	To select an item or launch a program.
Double-tap	To zoom in so that the text on a webpage appears in a

	column that fits your device's screen.
Long press	Press and hold on the current interface or area until a contextual menu pops up on the screen, and then release it.
Slide	To jump to different pages.
Drag	Tap the desktop icon and drop it to other location.
Spread apart / pinch together	To zoom in manually, place two fingers on the screen and then spread them apart. To zoom out, place two fingers apart on the screen and then pinch them together.

2.5 Lock & unlock the screen

Many screen lock modes are available. Take the preset screen-lock mode as example for demonstration.

2.5.1 Lock the screen

- When it is ON, press POWER key once to lock the screen;
- The system will lock the screen automatically after T4H remains idle over the preset standby time.

2.5.2 Unlock the screen

Press POWER key to activate the screen, and then drag the lock to "Unlock" position.

Note: If you define as unlock using the pattern, you have to draw the right target pattern to unlock it.

2.6 Screen Layout

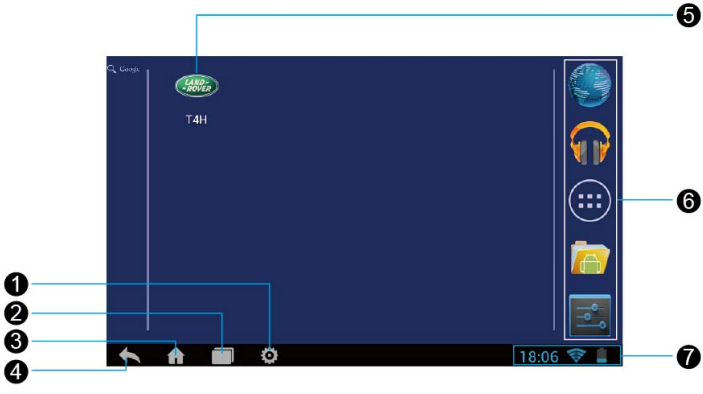

Fig. 2-1

On-screen keys and status bar are as follows:

1	Tap it to configure the system settings of the T4H display tablet.
2	Tap it to display a list of applications that are currently running. To open an application, tap it. To remove an application, swipe it upwards.
3	Tap it to jump to the Android System's home screen.
4	Tap it to return to the previous screen or exit the application.
5	Display the widget and application icons.
6	Quick dial to the short-cut applications.
7	Shows: System time, Wi-Fi connection status and signal strength, battery status and other information. Tap the digital clock to open the notification panel.

2.7 Status Bar

For some common indicators, please see the following table.

Icons	Definitions	Icons	Definitions
	Positioning GPS		Charging
	Battery is fully charged		Low battery
	New mail		Preparing SD card
	Uploading		Downloading
	Connected to a PC		USB bound is activated
	Available Wi-Fi is detected		Connected to Wi-Fi

Notes: When the icon appears on the status bar, please charge it immediately.

2.8 Notification bar

The notification bar is used to display some activities, such as new messages, to do list and running tasks. You can also open the notification bar to view the reminder or activity notification.

2.9 Customize your desktop

2.9.1 Move items on the desktop

1. Hold and press the item to be moved until it is shaken.
2. Drag and drop it to the target location.

Note: Drag the icon to the margin of the screen and keep it still, the system will switch to other extension desktop, place it to the desired location.

2.9.2 Delete items from the desktop

1. Hold and press the item to be moved until it is shaken.
2. Drag it on the trash icon, and then release it.

Warning: Deleting an icon will uninstall the corresponding application. Please be careful to do so.

2.9.3 Change your wallpaper

1. Hold and press a blank area on the desktop, a pop-up wallpaper window will be shown on the screen.
2. Set different wallpaper as desired:
   - Wallpapers: Choose a still picture from gallery as wallpaper.
   - Live Wallpapers: Open it to choose one of the preset live wallpapers as wallpaper.

2.9.4 Adjust brightness

Tips: Reducing the brightness of the screen will help to conserve battery power.

1. On home screen, tap Settings > Display > Brightness.
2. Drag the slider to adjust it as desired.

2.9.5 Set standby time

If no activities are made within the defined standby period, the screen will be locked automatically and the system enters sleep mode to save power.

1. On home screen, tap Settings > Display > Sleep.
2. Choose the desired sleep time.

2.9.6 Set screen lock

This function is designed to lock the screen and buttons to avoid accidental operations while it is unattended.

1. On home screen, tap Settings > Security > Screen lock.
2. Choose the desired screen lock mode and follow the on-screen instructions to finish your setting.

2.9.7 Adjust the volume

This option enables you to adjust the volume of the ring tone, media player, alarm and notification.

1. On home screen, tap Settings > Sound > Volume.
2. Drag the slider to adjust it.

Note: Alternatively, you can also press the volume keys to control the volume of the current application.

2.10 Input Method

2.10.1 Activate / hide on-screen keyboard

By default, Android keyboard is available on T4H.

- To input text, tap the input box and the on-screen keyboard will be activated automatically.
- After inputting, tap ∨ to hide the keyboard.

Note: In some applications, the on-screen keyboard may partially appear over some interfaces.

2.10.2 Edit text

Cut, copy and paste operations are supported.

1. Tap and hold the desired text area until a blue cursor appears.
2. Press and drag the cursor to highlight the text to be edited.
3. Tap SELECT ALL, CUT or COPY to perform the corresponding operations. To delete the selected text, tap the delete key on the keyboard.

2.10.3 Android input method

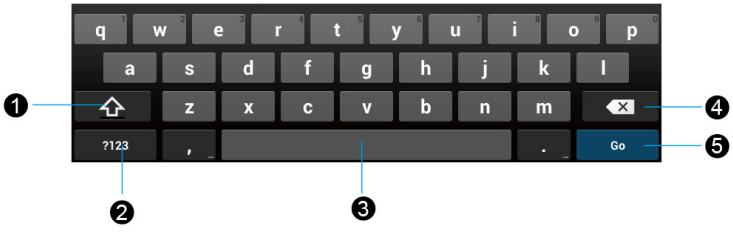

Fig. 3-2

1	To toggle between upper case and lower case.
2	To switch to numeric & symbol keyboard.
3	To enter a space.
4	> To delete the character before the cursor. > Long-press this key to delete all characters before the cursor.
5	Line feed.

Note: For different input box, keyboard layout may vary. The figure shown as above is provided for reference purpose.

3 Wi-Fi Setting

Note: If you don't need to use Wi-Fi for a while, you can turn it off to conserve battery life.

T4H has built-in Wi-Fi that can be used to get online. Once you're online, you can register your T4H, browse the Internet, get apps and send email on your network.

3.1.1 Connect to a Wi-Fi network

1. On home screen, tap Settings > Wi-Fi.
2. Tap or slide the Wi-Fi switch to ON, T4H starts searching all available wireless LANs.
3. Choose the desired Wi-Fi access point / network,
   - If the network you chose is open, you can connect directly;
   - If the selected network is encrypted, you have to enter the right security key (network password).

Once it is connected successfully, tap the Wi-Fi network from the list to view its name, link speed, security type, IP address etc.

When this tool is in range, it will connect to the previously linked network automatically.

3.1.2 Disconnect from a Wi-Fi network

1. On home screen, tap Settings > Wi-Fi.
2. Tap the network with a **Connected** status, then tap "Disconnect".

4 Diagnosing an ECU

4.1 Connections

4.1.1 Preparation

- Turn on the vehicle power supply.
- Vehicle battery voltage range should be 9-14V and working voltage of T4H is 9-18V.
- Throttle should be in a closed position.
- Ignition timing and idle speed should be within specified range; water and transmission oil temperature are within normal working range (water temperature is 90-110℃ and transmission oil temperature is 50-80℃).

4.1.2 DLC Location

The DLC (Data Link Connector or Diagnostic Link Connector) is typically a standard 16-pin connector where diagnostic code readers interface with a vehicle's on-board computer. The DLC is usually located 12 inches from the center of the steering wheel, under or around the driver's side for most vehicles. For older Land Rover vehicles it may be necessary to use one of the legacy adapter cables included in the kit. T4H will advise you when to connect one of these cables.

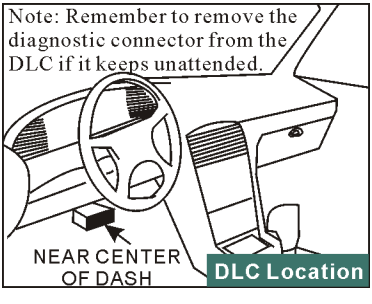

Fig. 4-1

4.1.3 Vehicle Connection

Follow the steps below to connect T4H to a vehicle's DLC:

1. Locate vehicle's DLC socket.
2. Connect the diagnostic cable into the vehicle's DLC socket.

3. Plug the other end of diagnostic main cable into the DB15 connector of T4H, and then tighten the captive screws.

4.2 Diagnostic Flowchart

For new users, please follow the operation chart shown in Fig. 4-2 to get familiar with and start using T4H.

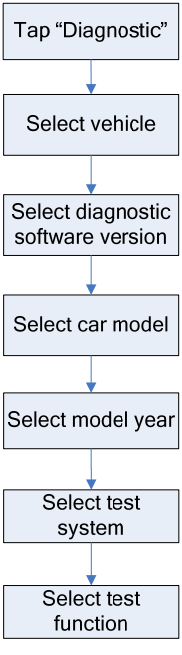

Fig. 4-2

4.3 Initial Use

4.3.1 Diagnostic software layout

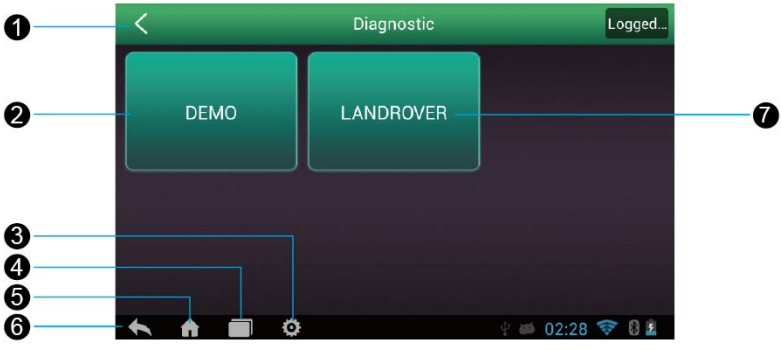

Fig. 4-3

1	Tap to return to the previous screen.
2	DEMO: A demo program that guides you through how to diagnose a vehicle. (Note: It can not be used to test a vehicle.)
3	Tap it to configure the system settings of the T4H handset.
4	Tap it to display a list of applications that are currently running. To open an application, tap it. To remove an application, swipe it upwards.
5	Tap it to jump to the Android System's home screen.
6	Tap it to return to the previous screen or exit the application.
7	LANDROVER: It stands for the Land Rover diagnostic software. Tap it to start testing a vehicle.

4.3.2 Function menu

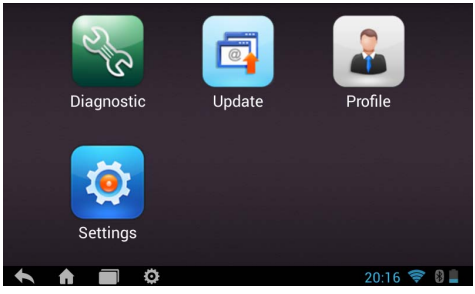

Fig. 4-4

Name	Description
Diagnostic	Configures T4H to operate as a diagnostic tool.
Update	Keeps your T4H updated with the latest APK and diagnostic software version.
Profile	Enables you to manage your diagnostic reports.
Settings	Allows you to configure the system settings to your preference.

4.4 Start Diagnostics

Tap “Diagnostic” in Fig. 4-4 to enter the vehicle selection page. In terms of diagnosis procedure, the Land Rover diagnostic software is same as its Demo program. Here we take Demo as an example to demonstrate how to diagnose a vehicle.

1. Tap the “DEMO” logo, the system will prompt you to select the diagnostic software version. See Fig. 4-5.

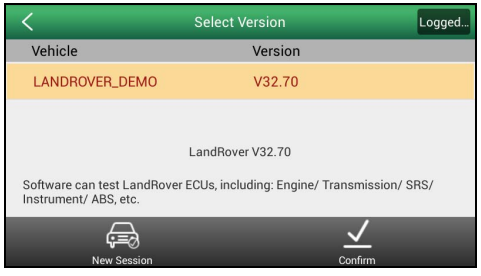

Fig. 4-5

On-screen Buttons:

New Session: Tap it to return to the home screen.

Confirm: Tap it to confirm and jump to the next step.

2. Tap “Confirm” and then tap to select the vehicle model manually. See Fig. 4-6.

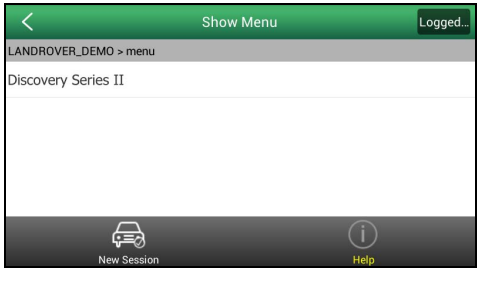

Fig. 4-6

3. Tap “Discovery Series II” to enter model year selection interface, indicated as Fig. 4-7.

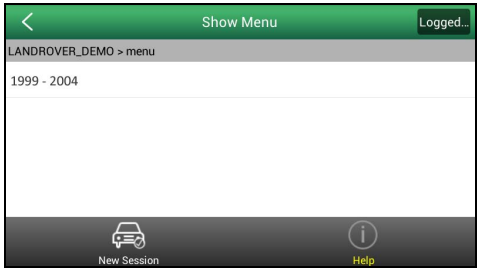

Fig. 4-7

4. Tap the desired year range to enter the system selection interface, indicated as Fig. 4-8.

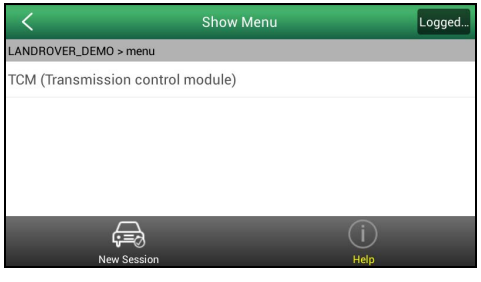

Fig. 4-8

5. Tap “TCM”, the system will jump to the function menu. See Fig. 4-9.

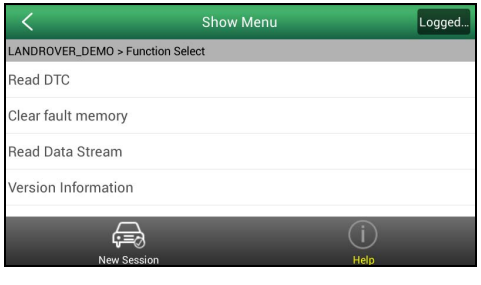

Fig. 4-9

4.4.1 Read DTC

This function displays the detailed information of DTC records retrieved from the vehicle's control system.

Tap "Read DTC" from the function menu, the screen will display the diagnostic result.

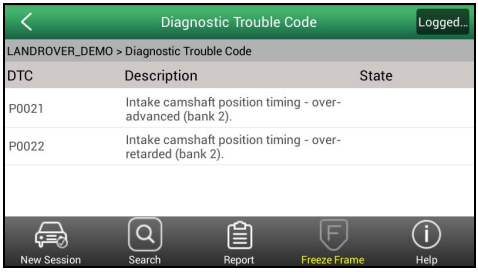

Fig. 4-10

On-screen Buttons:

New Session: Tap it to return to the home screen.

Search: Highlight a certain DTC item, and then tap it to search the definition of the selected DTC online.

Report: To save the current data in text or pdf format. All reports are saved under the tab "Diagnostic Report" in "My Report" from "Profile" menu. For details on report operations, please refer to Chapter 4.6.2 "My Report".

Freeze Frame: When an emission-related fault occurs, certain vehicle conditions are recorded by the on-board computer. This information is referred to as freeze frame data. Freeze frame data includes a snapshot of critical parameter values at the time the DTC is set.

Help: Tap it to view the help information.

4.4.2 Clear fault memory

After reading the retrieved codes from the vehicle and certain repairs have been carried out, you can use this function to erase the codes from the vehicle. Before performing this function, please be sure the vehicle's ignition key is in the ON position with the engine off.

Tap "Clear fault memory" from the function menu, the system will automatically delete the currently existing trouble code.

Note: The trouble code will not disappear until the trouble was completely cleared.

4.4.3 Read data stream

This option retrieves and displays live data and parameters from the vehicle's ECU.

Tap "Read Data Stream" from the function menu, the system will display data stream items.

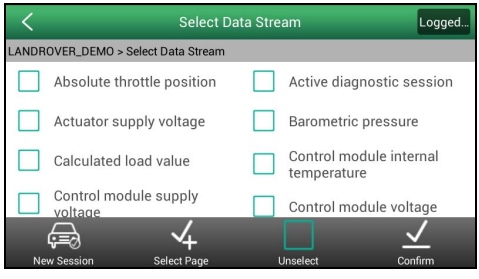

Fig. 4-11

On-screen Buttons:

New Session: Tap it to return to the home screen.

Select Page: Tap it to select all items of the current page.

Unselect: Tap it to deselect all data stream items.

Confirm: Tap it to confirm and jump to the next step.

Select the desired data items and tap "Confirm", a screen similar to Fig. 4-12 appears:

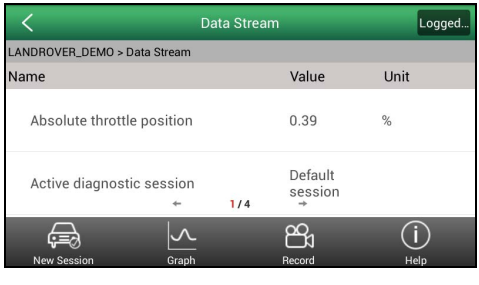

Fig. 4-12

On-screen Buttons:

New Session: Tap it to return to the home screen.

Graphic: After selecting, tap it to view the waveform. There are 3 types of display

modes available for data viewing, allowing you to view various types of parameters in the most suitable way.

✓ Graph – displays the parameters in waveform graphs. Refer to Fig. 4-13.

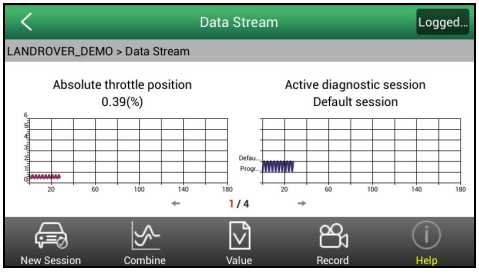

Fig. 4-13

✓ Value – this is the default mode which displays the parameters in texts and shows in list format.

✓ Combine – this option is mostly used in graph merge status for data comparison. In this case, different items are marked in different colors. See Fig. 4-14.

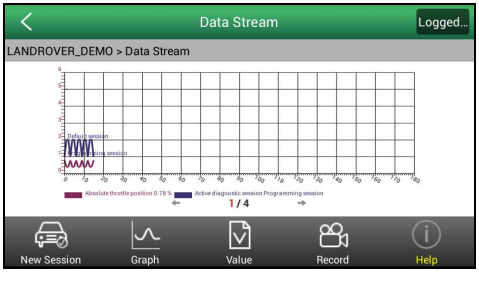

Fig. 4-14

Record: Tap to start recording retrieved live data for future reviews and analysis. The saved file follows the naming rule: It begins with vehicle type, and then the product serial number and ends with the record starting time (To differentiate between files, please configure the accurate system time). The file is stored as a video clip under the tab “Diagnostic Record” in “My Report” from “Profile” menu. For details on playback operations, please refer to Chapter 4.6.2 “My Report”.

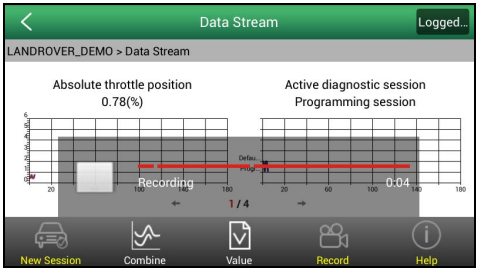

Fig. 4-15

To stop recording the data stream, tap the white square button before the recording progress bar.

Help: Tap to view the help information.

4.4.4 Version information

This option provides the retrieved ECU information in details.

4.4.5 Special function

This function performs various component adaptations, allowing you to recalibrate or configure certain components after making repairs or replacement.

Select the desired adaptation item, and then follow the on-screen instructions to proceed.

4.5 Update

To enjoy more functions and better service, you are advised to check for updates frequently. Make sure the T4H has a Wi-Fi signal before updating T4H.

1. On the function menu screen indicated as Fig. 4-16, tap “Update” to enter update center.

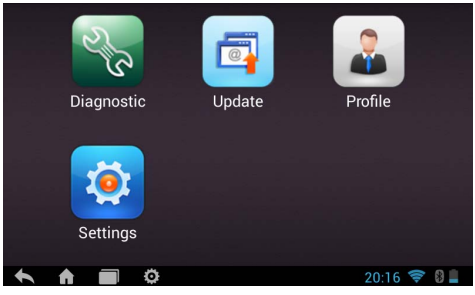

Fig. 4-16

2. On update page, all diagnostic software to be updated is selected; tap “Download” to start downloading. Once the download finishes, the software packages will be installed automatically.

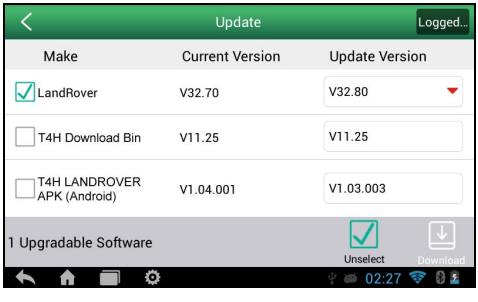

Fig. 4-17

4.6 Profile

This function allows users to fix firmware and manage diagnostic reports.

4.6.1 Firmware Fix

Use this item to upgrade and fix diagnostic firmware. During fixing, please do not cut power or switch to other interfaces.

4.6.2 My Report

This option is used to manage the diagnostic report and records generated in process of vehicle diagnosis.

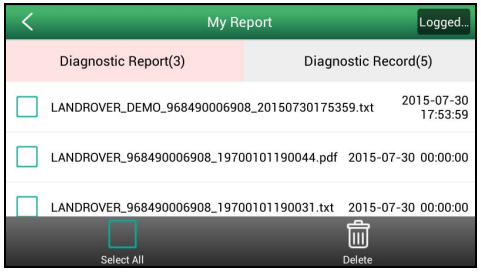

Fig. 4-18

Tap "**My Report**", there are total 2 options available.

In case the DTC result is saved on Read DTC page, the files will be listed under **Diagnostic Report** tab.

Tap the desired report to view its details. To delete a report, select the check box before the diagnostic report and then tap "Delete". The confirmation dialog box displays, tap "Confirm" to remove it.

If user records running parameters while reading live data stream, it will be saved and appear under **Diagnostic Record** tab.

Tap the desired record to enter the data stream selection interface.

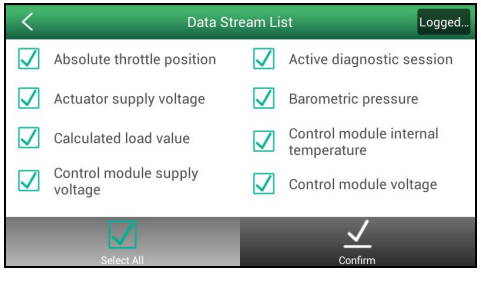

Fig. 4-19

Select the desired data stream options, and tap "Confirm" to enter:

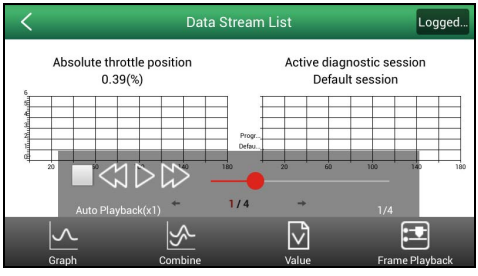

Fig. 4-20

On-screen Buttons:

Graph: After selecting, tap it to view the parameters in waveform graph.

Combine: This option is mostly used in graph merge status for data comparison. In this case, different items are marked in different colors.

Value: Displays the parameters in texts and shows in list format.

Frame Playback: Tap it to toggle between auto playback and frame playback.

In auto playback mode, tap ▷ to start playing; tap ▷▷/◁◁ to fast forward/fast reverse; tap □ to stop playing. Alternatively, you can also drag the slider to control the playback.

In frame playback mode, tap ▷| to advance to the next frame; tap |◁ to move to the previous frame.

4.7 Settings

It enables you to make some application settings and view software version information etc.

4.7.1 System of Units

It is designed to set the measurement unit. Metric System and English System are available.

4.7.2 Expiration Reminder

This option is used to inform you of software version update once newer software is detected.

4.7.3 Diagnostic Feedback

This item allows you to feedback your diagnostic problems to us for analysis and troubleshooting.

4.7.4 Network Test

It enables you to test whether the current network environment is good or not.

4.7.5 Diagnostic Software Clear

If you have downloaded several versions of diagnostic software, you can use this option to clear the old versions and only retain the latest versions.

4.7.6 About

The software version information and disclaimer are included.

5 Others

5.1 Email

The function allows you to send and receive email. You can add POP3 or IMAP email account for some common web email service provider.

5.1.1 Configure an email account

Note: Before sending or receiving email, you have to set up an email account. In addition, this function required a stable network connection.

1. On home screen, tap Email.
2. Input email address and password, tap “Next” or “Manual setup”.

Note: If “Manual setup” is selected, please consult your email service provider for detailed parameter setting.

3. Choose the desired email account type to enter the incoming settings screen, tap “Next”.
4. Follow the on-screen instructions to proceed until the system prompts you that the account setup has been finished.

5.1.2 Send an email

1. On home screen, tap Email to enter account screen. If several email accounts are configured, choose the desired one.
2. Tap to enter new mail writing interface. Input the receiver address in “To” field and a title in “Subject” column, and then type in the content in “Compose” email area.
3. After inputting, tap , you can perform any one of the followings: Attach file, add CC/BCC, save draft, discard and setting.
4. Tap to send email.

5.1.3 View an email

1. On home screen, tap Email to enter account screen.
2. Tap the desired email account.
3. Tap the desired one to read.

Note: For different networks, inbox may have some delays. Tap on the upper right corner to refresh the email list.

5.1.4 Delete an email

1. On home screen, tap Email to enter account screen.
2. Tap the desired account, and then select the mail to be deleted.
3. Tap to delete.

Note: To delete multiple emails, check the box before the message and then tap . Once “Messages deleted” appear, it indicated the selected messages has been removed successfully.

5.1.5 Revise an account setting

1. On home screen, tap Email to enter account screen.
2. Tap > Settings.
3. Choose the desired Email account from the account list.
4. Follow the instructions on the screen to make general settings and notification settings.

Note: Never change the default settings of the server, otherwise email failure may occur.

5.1.6 Delete an email account

Once Email account is removed, T4H stops receiving the emails from this account, but all messages in it still keeps as it is.

1. On home screen, tap Email to enter account screen.
2. Tap > Settings.
3. Choose the desired Email account from the account list.
4. Choose “Remove account” to delete it.

5.2 Browser

5.2.1 Open browser

On home screen, tap Browser to launch the browser. You can choose the desired homepage or input the website address to browse.

Fig. 5-1

1	Create a new tab.
2	Close the current page.
3	Refresh the current page.
4	Input a web address.
5	Add the current page as bookmark.
6	Open search bar.
7	Open bookmark list.
8	View more options.

5.2.2 Download files

Files, pictures, and applications can be downloaded from the website in browser.

For example:

Tap and hold a picture, then choose “Save image” from pop-up menu to download it.

To download a link, tap and hold it, and then choose “Save link”.

To protect your T4H and personal data, please download applications from trusted sources. To configure it, tap Settings > Security, and then deselect the box next to Unknown sources.

5.2.3 Manage bookmarks

You can set the favorite website as bookmark for your quick access.

1. On home screen, tap Browser to launch the browser.
2. Tap ★ to enter bookmarks page.
3. Long press it, you can share, open and delete the bookmark.

5.2.4 Set homepage

This option enables you to set commonly visited website as the homepage. The homepage will be opened by default every time you launch your browser.

1. On home screen, tap Browser to launch the browser.
2. Tap ⋮ > Settings > General.

3. Tap “Set homepage”, then follow the on-screen instructions to finish it.

5.2.5 Clear history

To prevent your personal information from being exposed much better, you are strongly recommended to clear the browsing history.

1. On home screen, tap Browser to launch the browser.
2. Tap ⋮ > Settings > Privacy & security.
3. Tap “Clear history”.

5.3 Calendar

This function allows you to view calendar or create to-do events.

On home screen, tap Calendar. Tap the time in the upper left corner to switch between Day, Week, Month and Agenda.

5.4 Alarms

5.4.1 Add an alarm

1. On home screen, tap Alarm.
2. Tap + to enter new alarm setting interface.
3. Set the detailed items.
4. After setting, tap “OK” to confirm.

5.4.2 Delete an alarm

1. On alarm list screen, tap and hold the desired alarm.
2. Tap 🗑, and then tap “OK” in the confirmation dialog box to delete it.

5.4.3 Turn on/off alarm

On alarm list screen, slide the switch to ON to activate it. To disable it, just switch it to OFF.

5.5 File Manager

This option enables you to manage your files.

Tap **File Manager**, and then choose the desired folder to perform corresponding operations.

5.6 Applications

5.6.1 Install applications

To install an application, you need to download it firstly. All items downloaded in default browser are saved in **Downloads**.

1. On home screen, tap Downloads.
2. Choose the desired .apk file.
3. Tap “Install” to start installing the application.
4. Tap “Done” to finish it.

Note: In process of installation, a message prompting installation prohibited may appear. Please read it carefully. To install it, please tap “Settings” > “Security”, and check the box next to “Unknown sources”, which allows you to install non-Market application.

5.6.2 View installed applications

1. Tap Settings > Apps.
2. Swipe the screen from right to left until ALL tab appears.
3. Tap the desired one to view its detailed information.

5.6.3 Uninstall applications

To release storage space, you can uninstall some unused applications.

1. Tap Settings > Apps.
2. Swipe the screen from right to left until ALL tab appears.
3. Tap the desired one to enter.
4. Tap “Uninstall” and then tap “OK” in the dialog box to start uninstalling.

5.7 Set Date & Time

T4H is preset to use the network-provided date, time zone and time.

Note: If Automatic date & time is set as Use network-provided time, date, time and time zone will not be defined.

1. On home screen, tap Settings > “Date & time”.
2. Deselect “Automatic date & time”.
3. Follow the on-screen instructions to set date, time and time zone.

5.8 Clear Cache

If insufficient memory occurs, please clear cache to spare more storage space.

1. Tap Settings > Apps.
2. Swipe the screen from right to left until ALL tab appears.
3. Tap certain application to enter and then tap “Clear cache”.

6 FAQ

1. How to save power?

- Please turn the screen off while T4H remains idle.
- Set a shorter standby time.
- Decrease the brightness of the screen.
- If Wi-Fi connection is not required, please turn it off.
- Disable GPS function if GPS service is not in use.

2. What should I do if I forget the screen lock?

You can set screen lock as pattern or password. If you forgot the password, please consult your device provider or reset your device.

Warning: Resetting may cause data loss. Before use, please make sure important data has been backed up.

3. What to do if the system runs slowly?

In this case, please do the followings:

> Check all running applications and stop any unused applications.

> Check all installed applications and remove the unnecessary applications.

If all steps mentioned above are finished and the system still works slowly. Please try to close the system and reboot your T4H.

4. How to format internal storage?

1. On the main menu screen, tap Settings.
2. Tap “Storage” > “Erase internal storage” to enter and confirm your operation.

Warning: Doing so will erase all stored data and all running applications may encounter abnormal operations. To restore it, just restart your T4H.

5. Why some videos on the website can be not played?

It possibly results from:

- The current browser does not support Flash playing;
- Flash player does not support this video.
- Try to use other browsers to watch it or install other Flash player.

6. The data and time of T4H can not be set.

It is because Automatic date & time is set on your T4H. Tap Settings > Date & time,

deselect “Automatic date & time” and then set the date and time manually.

7. How to distinguish between PIN and password in screen lock?

The difference between PIN and password is as follows:

> PIN: Generally, it is composed of 4~16 numbers.

> Password: It may include: 4~16 numbers, characters and symbols.