



VINSCAN supports quick access to the test vehicle system, no need to manually select the Click "Diagnostics" on the home page of the device, and then click the "VINSCAN" button to enter the function page. A. Intelligent diagnosis: The user can connect the vehicle through the diagnosis line to read the VIN from the vehicle ECU. Then compare the read VIN with the server to obtain vehicle information for quick diagnosis. It solves the disadvantages that the diagnosis can only be made by selecting the menu level by level in the past, which is slow and easy to choose B. Enter VIN: Manually enter the VIN code of the vehicle, and then click "OK" to enter the diagnosis function.

3.2 Manual Diagnosis A. Select vehicle type: Click the vehicle model software icon on the diagnosis interface, enter "OK" and enter the diagnosis menu. Diagnosis menus may be different for different B. Select diagnosis method: After successfully communicating with the vehicle, it will enter the diagnosis function selection interface. TKX11 supports the system

topology map function.

1) Smart Scan: It enables you to quickly access all the Electronic Control Units of the vehicle and generate a detailed report about vehicle health. 2) System Scan: To check how many systems the car is equipped with. 3) Choose to Scan: Choose the target automotive electronic control system to scan. 3.3 System and Function A. Click the Electronic Control Units module, and the screen will enter the function

selection interface. B. Click to select the function to perform. 1) Version Information: Read the current version information of the automotive ECU. 2) Read Fault Code: Read the DTC in the ECU memory to help maintenance personnel locate the cause of the failure. 3) Clear Fault Code: The system will automatically delete the existing fault codes. 4) Read Data Stream: View and capture (log) real-time live data from ECUs. 5) Actuation Test: Used to test whether the execution components in the electronic control system can work normally. 6) Special Function: Used for data writing operation of electronic control unit. They all belong to this category, such as ECU data calibration, ECU Programming etc. Some mantanence functions are also included in this part.

Remote Diagnosis is a service system that integrates remote diagnostic platforms and

professional remote diagnostic device. Including remote service platforms, remote diagnostic device (repair), and THINKLINK Remote Service Box(server). 4.1 Remote diagnosis flow Initiating remote diagnostic order **+**

Order enter the server list No accept order Confirm the remote diagnosis order Waiting for response or canceling the order Start remote diagnosis service

4.2 Connect and start remote diagnosis (1) Shut down vehicle ignition switch. (2) Connect THINKLINK to the OBD II diagnostic port of the vehicle. Note: it is suggested that during remote diagnosis, the battery of the vehicle should be connected with an external charging power supply to avoid battery loss of the vehicle and the failure of the vehicle to start due to the long time of remote diagnosis. (3) Connect one end of the delivered network cable to the LAN/WLAN port of the THINKLINK and the other end to the network modem LAN jack. $ilde{ ext{$igwedge}}$ Note: it is suggested that during remote diagnosis, the battery of the vehicle should be connected with an external charging power supply to avoid battery loss of the vehicle and the failure of the vehicle to start due to the long time of remote diagnosis. (4) Turn on the ignition switch. (5) After the connection between TKX11 (repairer) and service box (server) is successful, it enters the remote diagnosis mode. (6) In the remote diagnosis area of TKX11, select an appropriate server for (text, voice, or video) communication.

and the repairer will wait for the remote diagnosis service.

(7) After reaching an agreement with the server, the other side will create a service order,

Note: using the "Remote Service" function at the bottom of the dialog box, you can initiate a server to remotely operate your device.

THINKTOOL X10 Pro device supports tire pressure sensor activation, reading, diagnosis, learning and programming functions. • Read the tire pressure sensor ID, pressure, temperature, battery status. • Activate the tire pressure sensor of THINKCAR, can achieve the original factory level Can cover more than 98% of car models. riangle Note: The tire pressure module of THINKTOOL X10 Pro is built into the main unit. When using it, please place the upper left side of the device close to the tire pressure sensor.

The maintenance function supports the matching, codes and common functions of the programmable module of most models, and the maintenance services of different models have different maintenance services. The current maintenance functions supported by TKX11 are: Oil Reset, Elec. Throttle RIrn, SAS Reset, BAT. Match, Bleeding, Brake Reset, DPF Reg., Gear Learn,

Immo, Injector, TPMS Reset, Sus Reset, AFS Reset, GearBox Learn, Sun Roof, EGR

Sensor Reset, AdBlue Reset, Seats Calibration, Coolant Bleed, Tyre Reset, Windows

Angle Calibration, High Voltate Battery Diagnostics, IMMO PROG (optional).

Adaption, ODO Meter, Airbag Reset, Transport Mode, A/F Reset, Stop/Start Reset, NOx

Calibration, Language Change, AC System Relearn/Initialization, Intelligent Cruise Control System, Engine Power Balance Monitoring, Gas Particulate Filter Regeneration, Motor

7.1 ADAS Advanced driver assistance systems (ADAS) is an electronic component in vehicles that include a variety of vehicle safety functions such as automatic emergency braking (AEB), lane departure warning(LDW), lane keeping assistance, blind spot elimination, night vision cameras, and self-adaptive lighting. The static calibration function of ADAS defaults to the disable status. it need to be used with ADAS calibration tool of THINKCAR for activation. It is mainly for calibrating driver assistance systems such as cameras and radars, e.g. front-facing cameras for lanes departure warning systems, radar sensors for ACC (self-adaptive Cruise control) or cameras for self-adaptive headlights. It is used to record and establish the file of the diagnosed vehicles. The file is created based on the vehicle VIN and check time, including all VIN-related data such as diagnostic

reports, data stream records and pictures. 7.3 Repair Info A. OBD Fault Code Library: You can enquire the definition of OBD fault codes. B. Coverage List: You can enter the Vehicle brand, model, year and other information to enquire the support functions and diagnostic system. C. Learning materials: You can view the operation playback of the special functions of each brand model, to help users study the operation of the special functions online without connecting the vehicle. D. User Manual: You can find the E-Manual in here. 7.4 Feedback If you encounter an unresolved problem or diagnostic software bug during diagnosis, you can revert the most recent 20 test records to THINKCAR Team. When we receive your

feedback, we will analyze and troubleshoot it in a timely manner, to improve the quality of our products and user experience. 7.5 Other 7.5.1 Remote Assistance: Support remote technicians or after-sales personnel to operate the device, and guide and solve problems encountered during the use of the device. You can view the service providers authorized for the remote diagnosis function. Feedback to them about problems in use and get help with vehicle diagnosis and repairs. 7.5.3 Can Bus Pin Detection Used to detect vehicle OBD II diagnostic socket pin voltage and supported protocol types. Read the voltage change value before and after the engine starts through the OBD II port. Support user information modification and setting. Including: VCI management, Firmware

Fix, Data Stream Sample, Business Information/Customer Management, System Settings,

 This warranty applies only to users and distributors who purchase THINKCAR products through normal procedures. Within one year from the date of delivery, THINKCAR warrants its electronic products for damages caused by defects in materials or workmanship. • Damages to the equipment or components because of abuse, unauthorized modification, use for non-designed purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty. • The compensation for dashboard damage caused by the defect of this equipment is limited to repair or replacement. THINKCAR does not bear any indirect and incidental THINKCAR will judge the nature of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of THINKCAR are authorized to make any confirmation, notice or promise related to THINKCAR Thinkcar Tech Inc Service Line:1-909-757-1959

Customer Service Email: support@thinkcar.com Official Website: www.thinkcar.com Products tutorial, videos, Q&A and coverage list are available on Thinkcar official website. (f) @thinkcar.official (g) @ObdThinkcar

-- Reorient or relocate the receiving antenna. Consult the dealer or an experienced radio/TV technician for help 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 sAR Information Statement
Your Remote Diagnostic Service is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for Remote Diagnostic Service employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1,6 Wikg.* Tests for SAR are conducted with the Remote Diagnostic Service termiting at its highest certified power level, the actual SAR level of the Remote Diagnostic Service while operating can be well below the maximum value. This is because the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service is designed to operate at multiple power level, the actual SAR level of the Remote Diagnostic Service as a section and the same power levels on a solution of service when worn on the body) as required by the FCC is all to does not exceed the limit established by the government adopted requirement for safe exposure. The letss are performed in positions and locations (e.g., at the ear and worn on the body) as describ received, including interference that may cause undesired operation. this Remote Diagnostic Service when worn on the body, as described in this user guide, is 0.44 W/Kg (Body-worn measurements differ among Remote Diagnostic Service. While there may be differences are completed as in compliance with the ISED RF exposure guidelines. SAR information on reported SAR levels evaluated as in compliance with the ISED RF exposure guidelines. SAR information on reported SAR levels evaluated as in compliance with the ISED RF exposure guidelines. (Body-worn measurements differ among Remote Diagnostic Service. While there may be differences between the SAR levels of various Remote Diagnostic Service and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this Remote Diagnostic Service with all reported SAR levels evaluated as in compliance with the FCC and can be found under the Display Grant section of Service with all reported SAR levels evaluated as in compliance with the FCC and can be found under the Display Grant section of https://sms-sgs.ic.gc.ca/ after searching on IC: 26415-393TKX11 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com.* In the United States and Canada, the SAR limit for Remote Diagnostic Service used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

The SAR test distance is 0mm.

FCC Statement
Changes or modifications not expressly approved by the party responsible for compliance could void the

IC Statement
This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two user's authority to operate the equipment.

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 conditions:

(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical to radio computations." 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:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS)

d'Innovation, Sciences et Développement économique Canada, L'exploitation est autorisée aux deux d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, - 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.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

SAR Information Statement Your Remote Diagnostic Service is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Innovation, Science and