

#### Statement

- This manual is designed for the use of CanDo HD Pro Tab diagnostic tool and cannot be copied or stored in any form (electronic, mechanical, photocopying, recording or otherwise) without prior written permission being secured by CanDo International, Inc.
- This manual is intended for professional vehicle repair technicians and provides the operation methods for using CANDO products. CanDo International, Inc. accepts no responsibility for the consequences caused by abusing the operation methods on other equipment.
- CanDo International, Inc. shall not undertake any responsibility for accidents caused by the user personally or the other person, or costs and expenses due to equipment damages, equipment loss that are caused by the user's abuses, misuses, arbitrary changes or repairs, operations of the equipment not in accordance with the manual requirements. This manual is written in accordance with the existing configuration and functions of the product, it's subject to change without notice if the product adds new configuration and functions.
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## **CANDO Product Manual Instructions**

Please read this manual carefully before using the CANDO product.

• This manual is written in accordance with the existing configuration and functions of product and it's subject to change without notice if the product adds new configuration and functions. The new version of the manual can be downloaded from CANDO official website, please pay attention to "Note", "Remark" and "Instruction" in the manual to make sure the safe and correct use.

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# Chapter I Product Introduction

## 1.1 Product Overview

CanDo HD Pro Tab diagnostic tool is developed and promoted with emphasis by CanDo International, Inc. Co., Ltd. Its comprehensive auto diagnosis equipment on diesel electric control system detection are applicable to large, medium and small repair enterprises, training institutions, automakers, maintenance station and many more.

The product software configuration is all-round with complete vehicle model data and materials. It fully meets the strict requirements in diagnosis of customers. The software covers almost vehicle model data, and provides strong repair material and help system that allows users to deal with problems in practical work easily and quickly so as to improve work efficiency and technical level.

The appearance design is luxury and comfortable with the large TFT touch screen for operations. Mode setup function for multi working conditions satisfies the working demands in different circumstances. Adopting flexible drive technology, CanDo HD Pro Tab diagnostic tool with good scalability fully meets requirements of various communication bus tests for current automobile electronic control systems.

# 1.2 Product Features

All CanDo HD Pro Tab diagnostic tool core hardware adopts the international advanced modular design concept with high speed and stabilization, ability to resist high and low temperature difference, accurate data acquisition and other excellent performances.

CanDo HD Pro Tab diagnostic tool adopts the open structure design in the program framework. Its independent operation system allows the system software and diagnostic software to upgrade more conveniently.

Working power supply is from the automotive batteries, which is widely adapted to the voltage changes between  $9\sim27V$ . The internal power supply uses the design of isolated power supply with the efficient protection of machine from damages when automobile voltage is abnormal.

CanDo HD Pro Tab diagnostic tool has good scalability and the communication interface adopts the flexible drive circuit. It not only meets requirements of tests for current automotive bus, but also satisfies bus automotive tests that may appear in the future. It has built-in high/low speed CAN-BUS and satisfies electronic systems which adopt bus with Can-Bus protocol, and it only needs one diagnostic connector to perform the fault diagnosis on all automobiles that are equipped with CAN-BUS. It also fully supports all OBD-II protocols.

With a USB port to connect the printer, CanDo HD Pro Tab diagnostic tool host is convenient for the maintenance staff to record data and save fault codes and other important information during the automobile fault diagnosis.

The CanDo HD Pro Tab diagnostic tool host screen is the general international standard LCD TFT industrial touch screen. It has features such as the characters are clear in the strong sunshine, the touch-keys are accurate, the interface is broad and the screen's compressive strength is high and many other advantages. Its working stability is also advantageously guaranteed while using it in bad environments.

The CanDo HD Pro Tab diagnostic tool provides various versions and languages in order to adapt to the use in different countries and districts.

#### 1.3 Service and Maintenance

#### 1.3.1 Storage Environment

- 1) Please store in a flat, dry place with suitable temperature when it's not in use.
- 2) Please do not put in direct sunlight or places near heating devices.
- 3) Please do not place in the range of the magnetic field.

- Can<mark>Do</mark>
- 4) Please do not put it in places with smoke, water or oil.
- 5) Please do not put it in places where is dusty, humid and high temperature or easily to be shaken.
- 6) When the host is dirty, please turn off the power supply immediately, and then wipe the housing case with a soft wet cloth.
- 7) Please regularly run the diagnostic tool host to protect it from damp when it is not in use for extended periods.

# 1.3.2 Host Protection

- 1) Please handle the host with care as possible as you can to avoid impacts.
- 2) When connecting the test cable and the automobile for diagnosis, please plug carefully. And tighten the fastening screw when it's in use in order to protect the interface from being damaged in the process of movement, please first loosen the screw after use and then unplug the main testing cable to avoid that the diagnosis interface gets damaged.
- 3) After using the instrument, put the test cable, connectors and other accessories back to the assembly case to avoid the missing.

# 1.3.3 Screen Maintenance

- The screen surface will absorb dust due to the static electricity. It's recommended to purchase the LCD special cleaning cloth to clean the host screen and wipe it gently.
- 2) Do not wipe the dust with your fingers to avoid leaving fingerprints. Do not use chemical cleaners to wipe the screen.
- 3) Please do not place the product near electric equipment that generates electromagnetic wave interferences so as not to affect the display.
- 4) Please do not expose the screen in direct sunshine or ultraviolet lighting for long time so as not to affect the life of the screen.

# 1.3.4 Precautions

- Do not switch the main unit on and off frequently or cut off the power suddenly, as power supply instability and abnormal power supply may result.
- 2) Unplug the power after usage to slow down aging of the product.
- 3) Avoid using this product in an environment with air which has volatile alkali chemical, so as to avoid host hardware corrosion.
- 4) Never clean the product with chemical solvent reagents like banana water, engine cleaning agents, gasoline etc.
- 5) Don't put anything on the screen. To avoid any damage, please don't place objects on the screen.
- 6) Periodically start the CanDo main unit if not operated for a long time in order to avoid moisture accumulation.

## 1.4 Automobile Inspection Notes

Please perform operations according to automobile repair industry safety rules. Special attention should be paid to influences and damages caused by acid and alkali, poison gas, high pressure and other environmental factors.

There is sulfuric acid in the automobile battery, the sulfuric acid is corrosive to the skin and please avoid direct contacts between the battery and the skin during operations, especially do not splash it into eyes, and please keep kindling materials far away.

There are various kinds of toxic compounds in the engine exhaust gas, please do not breathe in the exhaust gas, please park the vehicle in well-ventilated places during operations.

The temperature is relatively high when the engine drives, please do not touch the water tank or exhaust pipe or other high-temperature components.

Please apply the handbrake before starting the engine, put the shift lever in the neutral gear (manual transmission) or P gear position (automatic transmission) to avoid traffic accidents when starting the engine.

Please apply the parking brake before performing the vehicle maintenance. The transmission is engaged into the neutral gear or P gear and to lower the driver's side window glass.

If the engine can be started, please first warm up the vehicle to the normal temperature (the water temperature is about  $80^{\circ}$ C), and turn off auxiliary electronic equipments (e.g. A/C, light and audio).

Please find the diagnostic socket on the vehicle, check and confirm that the diagnostic socket cable is in good condition, and then connect the host to diagnose. Otherwise please do not perform the test in order to protect the host from damages, or you can use the multimeter to measure the diagnostic socket voltage if it is necessary.

# 1.5 Product Help

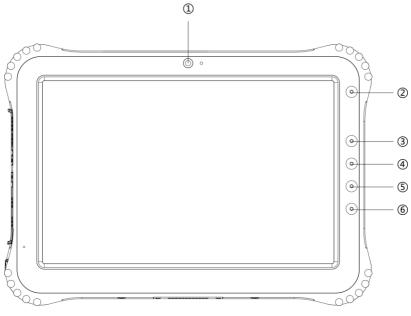
The CanDo HD Pro Tab diagnostic tool maintenance is simple and convenient, and support services go with the host. Our marketing networks all around the country could provide the most convenient and fastest services in all aspects of purchase, use, upgrade and maintenance.

CanDo International, Inc. also provides online help function for users. If you want to learn our latest products or automobile diagnostic information, please visit www.candointl.com for comprehensive and detailed help services.

# Chapter II Product Structure

# 2.1 Host Hardware Instruction

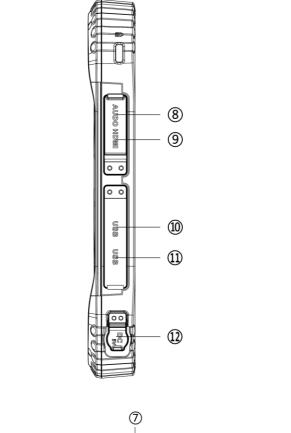
## 2.1.1 Host Diagram

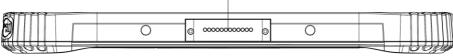


Front Structure Diagram

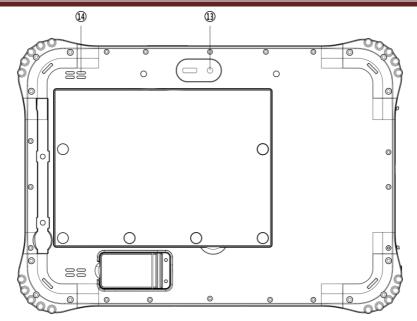


# CanDo HD Diagnostic Tablet





Side Structure Diagram



Rear Structure Diagram

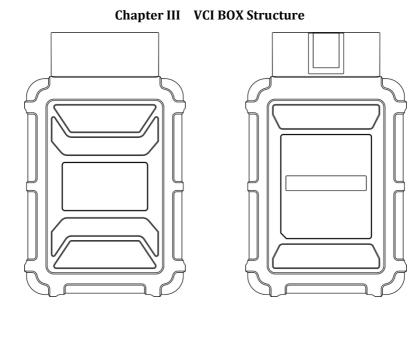
No.	Name	No.	Name
1	Front camera	2	Power switch
3		4	
(5)	Volume +	6	Volume -
7	Docking port	8	Audio interface
9	HDMI interface	(10)	OTG USB port
(11)	USB A port	(12)	Power charging interface
(13)	Rear camera	(14)	Trumpet

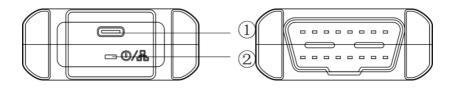


# 2.1.2 Host Parameters

System version	Android 4.4.4		
Hardware version	Em_i12		
Cpu version	Intel(R) Atom(TM)		
Display	IPS 10.1 "Resolution: 1280 * 800 PPI		
TouchScreen	10.1 "multi-touch capacitive screen		
RAM	2GB RAM & 32GB On-board Memory		
Connection	WiFi (802.11 a/b/g/n) &Bluetooth 2.0/4.0		
Camera	500 million pixels, auto focus		
Interface	RJ45, HDMI, USB2.0, TF card slot, headphone jack, microphone		







No.	Name	Description	
1	USB interface	Connect to tablet PC or upgrade VCI box	
(2)	Diagnostic light	Lights up when connected to vehicle	
	Diagnostic light	Lights up when connected to tablet PC	

VCI Box Parameters			
Item	Description		
Communications	BT V.2.1 + EDR USB 2.0		
Processor	Cortex-M3 Microcontroller		
Frequency	72MHz		
Processor Model	STM32F103CBT6		
Flash Memory	128KB		
RAM	20KB		
Wireless Frequency	2.4 GHz		
Input Voltage Range	8 V-36VDC		
Supply Current	500 mA @ 12 VDC		
Operating Temperature	0°C to 40°C (ambient)		
Storage Temperature	-20°C to 70°C (ambient)		
Bluetooth	Supports Bluetooth 2.0, Bluetooth 4.0		

# Chapter IV Operation Manual

CANDO series product operatios are similar. Here we take general version as an example and the display content of the host in practical work shall prevail.

# 4.1 Connection of Power Supply & Main Testing Cable

# 4.1.1 Host Power Supply

There are 4 ways to connect supply power and the CANDO mait unit.

- ① Connect the power adapter (power adapter)
- ② Connect the main testing cable and connectors with the vehicle diagnostic socket
- ③ Connect the cigar lighter to the vehicle
- ④ Connect the battery terminal line with the vehicle battery

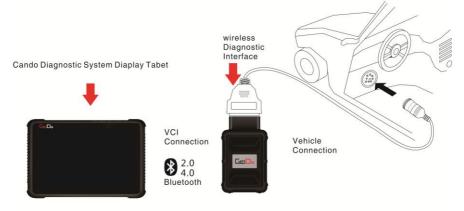
# 4.1.2 Wiring Method

Selection of power supply:

If the diagnostic socket does not have power supply, please choose one power supply connection method to provide power supply to the host.

If the diagnostic socket has power supply, connection to other power supply cable is not necessary.





Vehicle necessary conditions:

- 1. Please confirm the diagnostic socket position and its shape, then check whether it needs external power supply or not.
- 2. Please select corresponding connectors according to the vehicle models and the shape of diagnostic sockets.
- 3. One end of the main testing cable is connected to the VCI and the other end is connected to the diagnostic connector.
- 4. Please insert the diagnostic connector that has been connected to the main testing cable into the vehicle diagnostic socket.
- 5. Turn on the machine, Please confirm the host is connected to the VCI.

Remark: The automobile diagnostic interface is standard OBD-II interface and two ends of the main testing cable are separately connected to the OBD-II connector and the auto diagnostic tool. The process is completed after inserting the OBD-II connector into the automobile diagnostic socket, please identify it according to the actual vehicle configuration because not all vehicles are standard OBD-II connectors.

## 4.1.3 Start and Shutdown

Start: Connect the host and power supply by any method mentioned above, and then gently click the power supply button. The host will be started.

Shutdown: After using the device, operate the touch screen and return to the desktop, gently click the power button to turn off.

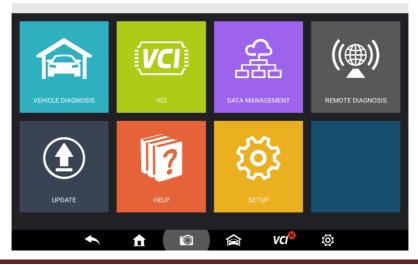
Remark: Operation time generally should be 5-7s when users turn on or turn off the machine, pressing the power button for long time or with brute force would lead to button failure.

## 4.2 Start Interface Menu

Power on the host(press for 5 seconds)through the power switch mentioned above;Then click the APP of HD Pro Tab to enter the main interface:

#### 4.2.1 Main Interface

There are differences between models, software systems and menu in CANDO series models. The actual configuration displayed in the product shall prevail and this manual only takes some models as examples. The actual interface shall prevail





# 4.2.2 Vehicle Diagnostis

After connecting to the vehicle diagnostic port and selecting the model series, appropriate models of testing can be selected. After entering the model, read fault code, erase fault code, read data stream, actuation test and other advanced functions can be performed.



# 4.2.3 VCI Connection

# 1.[ Diagnostic connection method]-Bluetooth;

VCI					
*	Status:not connected				2
BLUETOOTH	Paired Devices	Cleared Out	Available Devices	Scar	1
<b>₽</b>					
USB					
				~	
			· VCI <sup>®</sup>	Ö	



# 2. [Diagnostic connection method]-USB;

VCI						
BLUETOOTH	Sta	tus: <mark>not co</mark>	nnected			
<b>4</b>						
USB						
	ł	π	Ō	vci <sup>⊗</sup>	Ö	

# 4.2.4 Data Management

Data management:storage location for picture,video,model version,ect.;for user's reference.

DATA MANAGE	MENT
PICTURE	Image: Constraint of the second of the se
VIDEO	20161213035201 20161213035201 20161213035223
MODEL VERSION	
	<ul> <li>★ ↑     <li>↑</li> <li>↑<!--</th--></li></li></ul>



# 4.2.5 Remote Diagnosis

This function allows our technical staff to connect to your host through the network remotely to help you diagnose the vehicle.

		🛙 🕺 🖉 🛱 8:40 am
TeamViewer QuickSupport		1
	<sup>TeamViewer</sup> <b>Quick</b> Support	
	Use this ID to remotely connect to this device.	
	Your ID -	
	Send my ID	
<ul> <li>Not ready. Please check</li> </ul>	your connection	
Ŕ	Ω	<b>4</b>

# 4.2.6 Update

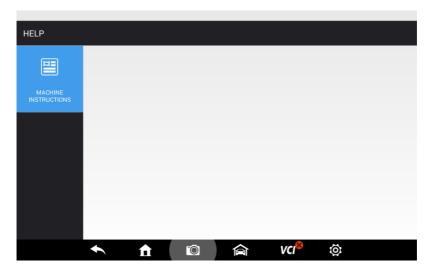
When connected to the Internet via Wi-Fi to upgrade the diagnostic software to improve the functions of the system.

IPDATE			
31 models can be u	pdated		Update all
ALLISON	IERICAN LAFRA	AUTOCAR	CCC
Native Version: v 5.21	Native Version: v 6.73	Native Version: v 6.73	Native Version: v 6.73
New Version: v5.22	New Version: v6.74	New Version: v6.74	New Version: v6.74
update	update	update	update
RYSLER TRUCK	CUMMINS	DAF	DIESEL OBD
Native Version: v 8.0	Native Version: v 7.9	Native Version: v 6.34	Native Version: v 6.73
New Version: v8.1	New Version: v7.94	New Version: v6.4	New Version: v6.74
update	update	update	update
			۵. ا



# 4.2.7 Help

Here we have built-in machine instructions for the user to access.



# 4.2.8 setup

Set the system Language, Unit, Users, Activation, About table and other functions.

SETTING				
	中文	繁体	English	
	日本語		Deutsch	
<u> </u>	عربي			
USERS				
1	w języku polskim	slovenský jazyk	Türk	
	<ul> <li>★</li> <li>↑</li> </ul>	rõ 🍙	vcl <sup>8</sup> (ē	$\rangle$



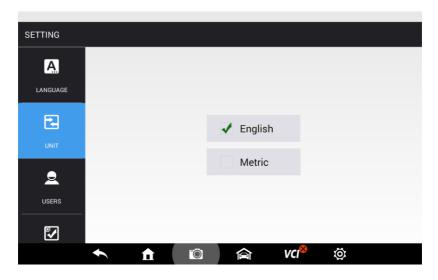
# 1. Language Settings

Our products support multiple languages. You can use the application to reflect the languages you have purchased.

SETTING				
	中文	繁体	English	
	日本語		Deutsch	
	عربي		ภาษาไทย	
USERS	w języku polskim	slovenský jazyk	Türk VCI <sup>®</sup>	فارسی

## 2. Unit

Set the live data unit in the diagnostic software. You can select Metric or English as needed.





# 3. Users

Set your personal information: name, phone, email, address, and so on.

SETTING	
	User name
	Contact number Contact address
USERS	Save
2	<ul> <li></li></ul>

# 4.Activation

After your purchase, you can permanently activate the product.

SETTING	
USERS A. uses WeChat (or other scanning tools) to scan thetwo-dimensional code on the right; B. follow the prompts to improve the data operation;	
C. will generate the activation code input to the next box, click OK to activate.	
🛃 Status	<u>9</u> 432 -
	i i i i i i i i i i i i i i i i i i i
Serial number	5 <b>7</b> -256
\$501151222600006	
Characteristic code	ctivate
ABOUT TABLE 5124-5773-4192-1796	
Activation code	
SYSTEM SETTING	
🔨 🏫 🖍 📩	



# 5. About Table

This screen shows system information, activation status, storage status, etc.

SETTING		
USERS	System	
	Product model:	
<b>*</b>	System version:	Android 4.4.4
ACTIVATION	Hardware version:	em_i12
Ē	Apk version:	HDProTab_16121913
!		
ABOUT TABLE	Activation state	
+ <del></del>	Status:	Inactivated
Ħ	Product ID:	\$501151222600006
SYSTEM SETTING		
	<b>• •</b>	© <b>(a) v(l<sup>⊗</sup> (</b> ©

# 6. System Settings

*				🛯 🕺 ኛ 🖉 🗋 5:43 am
Ø	Settings			
	WIRELESS & NETWORKS			
	🗢 Wi-Fi			ON
	8 Bluetooth			ON
	🕓 Data usage			
	More			
	DEVICE			
	🜗 Sound			
	Display			
	🛄 HDMI			
	Storage			
	Ŕ	¢	Ē	口 》



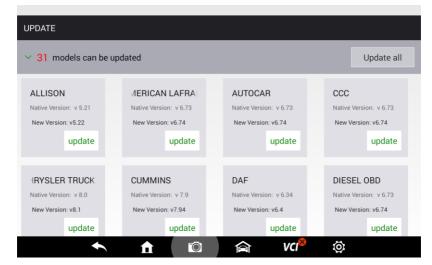
# Chapter V Upgrade

Customers who have purchased the CANDO product will need to regularly upgrade it.

1.Click [Update].



2. Check whether a new model version is available.



3. Click Update for the corresponding items.



			8 🕺 ᄛ⊿ 🔒 9:18 am
UPDATE			
✓ 31 models can be	e updated		Update all
ALLISON Native Version: v 5.21 New Version: v5.22 update	AMERICAN I AFR	AUTOCAB	CCC Native Version: v 6.73 New Version: v6.74 update
	Ca	ancel	
CHRYSLER TRUC Native Version: v 8.0 New Version: v8.1	CUMMINS Native Version: v 7.9 New Version: v7.94	DAF Native Version: v 6.34 New Version: v6.4	DIESEL OBD Native Version: v 6.73 New Version: v6.74
update	update	update	update
+	fi D	😭 VCI <sup>®</sup>	Ø.



# Chapter VI Compliance Information

#### FCC COMPLIANCE FCC ID: 2AKNY-IDSPROTAB

#### **FCC Statement**

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.

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.

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

#### SAR tests are conducted using

standard operating positions accepted by the FCC with the HD Pro Tab transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone. While operating can be well below the maximum value, in general, the closer you are to a Wireless base station antenna, the lower the power output. Before a new model phone is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body)as required by the FCC.

For body worn operation, this model HD Pro Tab has been tested and meets the FCC RF exposure. Guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 1 cm from the body.

anl

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

#### Chapter VII Warranty

Dear CANDO users, welcome to choose CANDO products. In order to make better use of the product, we recommend you to maintain your product and use it according to the user manual each time. If requirements are met, the product will serve you longer.

1. Under the premise that the following terms and conditions are met and you have improved your real information via machine activation or user registration, warranty services will be provided by CanDo International, Inc. (hereinafter referred to as the " CANDO only") for a defective product material or workmanship.

2. Confirm that you carefully read the product warranty terms, for CanDo International, Inc. will regard you as accepted the terms of the warranty by completing the information on CANDO official website.

3. Products must be purchased from reseller authorized by CanDo International, Inc., if it is from irregular channels, buyers have to bear the cost of product repair services.

4. The following are not covered by the warranty: Product manual, inside and outside packaging, promotional gift items, printing supplies and other consumable items.

5. Since the data of purchase (valid Proof-of-Purchase and warranty card), you can choose to repair the product or replace it with same models if non artificial damage of performance failure occurred in one month.

6. Any of the following cases, your product will not be able to enjoy free warranty service.

1) Failure, defect or flaw that not belong to the quality of CanDo International,

Inc. products: including improper operation of the product, crash, fall, self disassembly, connection of improper accessories, damage owing to crash because of improper transport or storage of the product, the erosion and corrosion that caused by infiltration of liquid or food.

2) The natural wear and tear of product: including but not limited to cover, keypad, LCD touch screens and accessories.

3) Inconsistent of Product host serial number and warranty card product serial number, product quality inspection tag or barcode removed, altered or damaged.

4) Maintenance and modification without the approval of CanDo International, Inc..

7. The product quality problem or failure occurred within the warranty period, you can take the following measures.

1) You can perform self-test for the product according to products help information. If there are no hardware quality problems, try to upgrade the product program.

2) You can dial CanDo International, Inc. to obtain the correct service information. This includes obtaining an RMA# (Return Materials Authorization) prior to sending the unit in for repairs. Product received without an RMA# will be rejected.

3) After obtaining the company's effective reply, the product must mailed to our designated address (see full address on the official website of CanDo International, Inc.) for repair and maintenance, otherwise your product can not receive timely repair and maintenance. And you have to take the lose of your product. Please make sure to mark the outside of the box with the RMA# provided.

8. During the process of warranty service, you will bear the costs associated with delivery or maile to CanDo International, Inc., including product packaging, transportation, insurance and other expenses.

9. Enjoying your free warranty service under this warrant clause is the only measure for the losses due to product defect within the product warranty period. CanDo International, Inc. shall assume no responsibility for your direct or



indirect loss.

10. All warranty information, product features and specification changes will be posted on CanDo International, Inc. latest promotional materials and web site without further notice.

CanDo International, Inc. Corporate Office: 9431 Haven Ave, #211, Rancho Cucamonga, CA91730 Phone: (909) 912-1842 Website: www.candointl.com

# Annex: Diagnostic Interface Definition and Description of Standard OBD-II

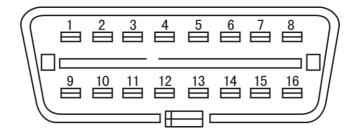
# 1. OBD-II General Introduction

OBD-II is the abbreviated name of ON-BOARD DIAGNOSTICS-II. The first generation of diagnostic system is before 1993, and the diagnostic socket, fault codes, diagnostic function of each manufacturer was all different, which caused difficulties for repair personnel. American Society of Automotive Engineers (SAE) developed a set of standards and this set of standards certified by the "Environmental Protection Agency" (EPA) and "California Resources Association" (CARB). This standard requires each manufacturer to provide uniform diagnostic mode and sockets in accordance with standard OBD-II. Since then diagnostic test can be performed on variable vehicles by one instrument.

OBD-II is a standard stipulated by California,cars from Europe, America, and Japan should all comply with the standard. At present, mainland China and Taiwan also adopted this standard. As a result of complying it, using instruments is simplified for technician. We should understand the characteristics of OBD-II in-depth. According to the development of automobile communication, the world's most models are based on the OBD standards currently

# 2. OBD-II Features

(1) Unified diagnostic socket shape is 16 PIN (needle), as shown below.



(2) With a numerical analysis and data transmission function(DATA LINK CONNECTOR-DLC).

(3) Unified fault codes and significance.

(4) With a driving recorder function.

(5) With a redisplay fault code memory function.

(6) Clear fault codes directly by the instrument function.

# 3. DLC (Data Transmission Connector) Diagnostic Socket Unified Standard

(1) DLC diagnostic socket unified as standard 16PIN, mounted in the cab, under the driver side instrument panel.

(2) There are two standard DLC pins: ISO - European standard (INTERNATIONAL STANDARDS ORGANIZATION 9141-2), use 7#, 15# pin to transfer data.

Each terminal function of OBD-II diagnostic blocks shown in Table 1.

Termi nal	Function Description		Function Description	
1	SAE J2411, GM single wire CAN, GM single line CAN-BUS	9	when 7th pin is not convenient to use, enable *KWP1281 or KWP2000 Protocol diagnostic line (K line)	
2	ISO11519-4 (Bus+)(SAE J1850),and 10 <sup>th</sup> pin used simultaneously	10	ISO 11519-4 (Bus-)(SAE J1850)	
3	CCD-BUS network cable H line	11	CCD-BUS network cable L line	
4	Car body directly grounding	12	Factory retained	
5	Signal circuit grounding	13	Factory retained	

# **Table: OBD-II Terminal Function**



# CanDo HD Diagnostic Tablet

6	ISO 15765-4, CAN-BUS high speed diagnostic line (CAN-H line)	14	ISO15765-4, CAN-BUS high speed diagnostic line (CAN-L line)
7	KWP1281 or KWP2000 protocol diagnostic line (K line)	15	KWP1281 or KWP2000 protocol diagnostic line (L line)
8	Factory retained	16	Connect battery "+" pole

For more product introduction and help, please visit CANDO official website www.candointl.com.



# CanDo International, Inc.



# CanDo International, Inc.

Certification		
This product has been inspected and certified to meet the company's quality standards.		
Product name	HD Pro II	
Product serial number		
Date of production		

Warranty card				
Product name	HD Pro II			
Product serial number				
Purchase date				
Company name:				
User address:				
Contact person:				
Contact number:				