

❖ **IMAGE**



❖ **INTRODUCTION**

- **JALTEST** is a specialized diagnostic tool for diagnosing vehicles using diesel fuel and diesel engines such as construction vehicles, tractors, agricultural vehicles, marine engines, canoes, heavy trucks, light trucks and passenger cars in Asia, European and American markets. This is integrated diagnostic equipment in the professional segment of high quality.
- The product use computer application software solution (PC-based) and incorporates a signal converter to connect ECUs on the vehicles.
- JALTEST offers accurate, stable, comprehensive diagnostics, with advanced functions that interfere deep with the vehicle's electronic control system and ease for users.
- This special product was cooperation developed by a European manufacturer with DTDAuto Vietnam and DTDAuto Vietnam is exclusive distributor in Vietnam as well as Asian countries.
- JALTEST is equipped with full accessories, support by professional malfunction code software (DTD CODE) to look up and analyze fault codes. The product is designed and adjusted to most standards of the diesel vehicles, diesel engines are circulating in Vietnam.
- Technical support, technology transfer directly from DTDAuto Vietnam.

❖ **APPLICATION**

Used for construction vehicles, tractors, agricultural vehicles, marine engines, canoes, heavy trucks, light trucks and passenger cars in Asian, European and American markets.

1. HEAVY TRUCKS, TRACTORS



LIST OF HEAVY TRUCK, TRACTOR BRANDS

AGRALE	CATERPILLAR	FOTON	KENWORTH	RENAULT	TRI-RING
ASHOK LEYLAND	CNHTC- SINOTRUK	FREIGHTLINER	MACK	ROWOR	UD TRUCKS
ASKAM	DAF	GAZ	MAHINDRA	SAIC-IVECO HONGYAN	URO
ASTRA	DAYUN	HAOHAN	NAVISTAR	SANY	VOLKSWAGEN
AUTOCAR	DENNIS EAGLE	HINO	MAN	SCANIA	VOLVO
AVIA	DFLZ	HYUNDAI	MAZ	SEDDON ATKINSON	VOLVO USA
BEIBEN	DONGFENG	INTERNATIONAL	MERCEDES- BENZ	SISU	WESTERN STAR
BHARATBENZ	EICHER	ISUZU	mitsubishi FUSO	STERLING	WORKHORSE
BMC	ERF	IVECO	NISSAN	TATA	XCMG
C&C	FAW	JAC	OSHKOSH	TATA-DAEWOO	YOUNGMAN
CAMC	FODEN	KALMAR OTTAWA	PETERBILT	TATRA	
CAPACITY	FORD	KAMAZ	PIERCE	TERBERG	

2. PASSENGER CARS



LIST OF PASSENGER CAR BRANDS

AGRA	DAEWOO	IC (INTERNATIONAL)	MITSUBISHI FUSO	OTOKAR	VAN HOOL
ALEXANDER DENNIS	DINA	IRIZAR	NABI	PREVOST	VAN HOOL USA
ANHUI ANKAI	ELDORADO	ISUZU	NEFAZ	RENAULT	VDL
ASIASTAR	FORD Custom Chassis	IVECO/IRISBUS	NEOPLAN	SETRA	VISION BUS
AUTOSAN	FREIGHTLINER	KING LONG	NEOPLAN	SOLARIS	VOLKSWAGEN

	Custom Chassis		CHINA		
BCI	GCA	KING LONG CHINA	NEOPLAN USA	SOLBUS	VOLVO
BLUE BIRD	GILLIG	MAN	NEW FLYER	SOR	WRIGHTBUS
BMC	GOLDEN DRAGON	MAZ	NOVA	SUNWIN	YOUNGMAN
BREDAMENARINIBUS	HIGER	MCI	BUS	TEMSA	YUTONG
CREDO	HYUNDAI	MERCEDES- BENZ	ORION	THOMAS BUILT	YUTONG CHINA

3. LIGHT TRUCKS/PICKUPS/SMALL PASSENGER CARS



LIST OF LIGHT TRUCK/PICKUP/SMALL PASSENGER CAR BRANDS

AGRALE	FORD	HINO	KIA	MULTICAR	SANTANA
BAW	FOTON	USA	LLDV	NISSAN	STERLING
CDW	FREIGHTLINER	HYUNDAI	MMAZDA	OPEL	TOYOTA
CITROËN	GAZ	ISUZU	MMERCEDES- BENZ	PEUGEOT	UD TRUCKS
DODGE	GMC/CHEVROLET	ISUZU USA	MMITSUBISHI	PIAGGIO	VAUXHALL
FIAT	GREAT WALL	IVECO	MMITSUBISHI FUSO USA	RENAULT	VOLKSWAGEN

4. AGRICULTURAL VEHICLES



LIST OF AGRICULTURAL VEHICLE BRANDS

BELARUS - MTZ	CLAAS	GREGOIRE	LAMBORGHINI	McCORMICK	SAME
BUHLER	DEUTZ-FAHR	HÜRLIMANN	LANDINI	MERCEDES- BENZ	STEYR
VERSATILE	DIECI	JCB	LAVERDA	MERLO	URSUS
CARRARO	ENERGREEN	JOHN DEERE	LINDNER	MTS-SANDEI	VALPADANA
CASE IH	FARESIN	KAMAZ	MAC DON	NEW HOLLAND	VALTRA

CATERPILLAR	FENDT	KRONE	MANITOU	RENAULT	
CHALLENGER	FRANZ KLEINE	KUBOTA	MASSEY FERGUSON	ROPA	

5. CONSTRUCTION VEHICLES



LIST OF CONSTRUCTION VEHICLE BRANDS					
ASTRA	CATERPILLAR	HAMM	KRAMER	O&K	URO
BAE SYSTEMS	COMETTO	HITACHI	KUBOTA	OTO	VOLVO CE
BELL	CVS	HYSTER	LIEBHERR	PERLINI	XCMG
BOBCAT	FERRARI	HYUNDAI CE	MANITOU	PETTIBONE	XTREME
BOSCH	FFG	JCB	MAX COM	RANDON	
REXROTH	FIAT	KALMAR	MERCEDES-BENZ	TADANO FAUN	
BUSHMASTER	KOBELCO	KOBELCO	MERLO	TERBERG	
CASE CE	GROVEGROVE	KOMATSU	NEW HOLLAND CE	TEREX - DEMAG	

6. LIST OF CLEANING VEHICLES, GARBAGE TRUCKS



LIST OF CLEANING VEHICLES, GARBAGE TRUCKS					
ASH	AUSA	BUCHER	DULEVO	EUROVOIRIE	MATHIEU-YNO
RAVO					

7. INDUSTRIAL MOTORS



LIST OF INDUSTRIAL MOTOR BRANDS					
CATERPILLAR	DEUTZ	JCB	MAN	PERKINS	STEYR
CUMMINS	ISUZU	JOHN DEERE	MERCEDES-BENZ	SCANIA	VM MOTORI
DETROIT DIESEL-MBE	IVECO-FPT	KUBOTA	MTU	SISU	VOLVO PENTA

8. MOTORS, AUTOMATIC TRANSMISSIONS



LIST OF MOTOR & AUTOMATIC TRANSMISSION BRANDS					
AISIN	CUMMINS	HALDEX USA	KAMAZ	NAVISTAR INTERNATIONAL	WABASH
ALLISON	DAIMLER TRUCKS	HINO	MACK	PACCAR	WABCO
BENDIX	DETROIT DIESEL-MBE	IMMI	MERCEDES-BENZ	TWIN DISC	WEICHAI
BOSCH REXROTH	EATON	ISUZU	MERITOR WABCO	VOITH	ZF
CATERPILLAR	FREIGHTLINER	IVECO	MWM	VOLVO	ZF MERITOR

9. INBOARD MOTORS, OUTBOARD MOTORS, JET SKIS



LIST OF INBOARD MOTOR, OUTBOARD MOTOR, JET SKI BRANDS					
CATERPILLAR	HSR-BENELLI	MERCURY	SCANIA	SELVA	YAMAHA

CRUSADER	JOHNSON	MerCruiser	SCARAB	VOLKSWAGEN	
CUMMINS MAN	IVECO-FPT	MTU	SEA-DOO (BRP)	VOLVO PENTA	
CUMMINS MerCruiser	KAWASAKI	NISSAN	SUZUKI	WEBER	
EVINRUDE	MAN	MERCURY Racing	STEYR	TOHATSU	
HONDA	MARINER	PCM	VM MOTORI	YANMAR	

❖ FUNCTION

1. Main function

- Perform functions:

- + Read fault codes in ECUs and display fault information as: fault position, technical data, electrical wiring diagram, repair guide
- + Display current data monitored by the ECU through numeric data, meter, graph, operating diagram vv...
- + Active test the actuators
- + Check operation of systems: cylinder, starting motor, solenoid valve, pump vv...
- + Change vehicle parameter configuration: injector code, speed limit
- + Set, read, copy, write, convert FZ automatic transmission configuration data of Hyundai heavy trucks and other vehicles
- + Support lookup vehicle technical data: diagnostic connector location, assembled circuit diagram, system diagram, fuel system diagram, relay & fuse diagrams, component location vv...
- + Display system configuration and ECU information: software version, hardware number, control unit serial number, vehicle identification number, engine type, vv...

- The equipment system work:

- + Engine system
- + Body system
- + Door system
- + Immobilizer system
- + Braking system
- + Antitheft alarm system
- + Central locking system
- + Fuel system

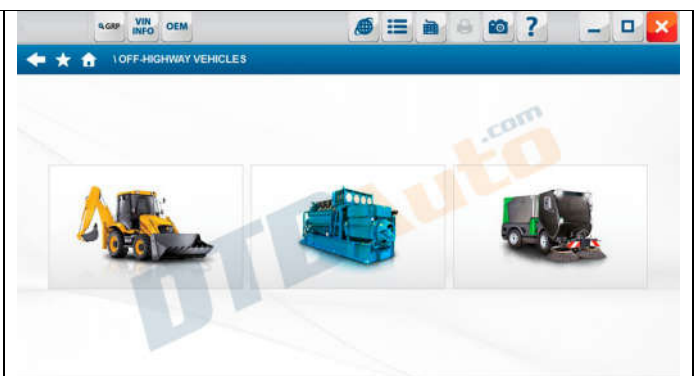
- + Lamp control system
- + Air conditioner control system
- + Transmission control unit
- + Instrument panel system
- + Parking assistance system
- + Electronic stability system
- + Cruise control system
- + CAN communication system
- + Trailer recognition system
- + Supplemental restraint system
- + Speed control system
- + Hill start assist system
- + Driver assistance system
- + Intelligent key system
- + Traction control system
- + Trailer brake system
- + Power control module
- + Other electronic control system vv...

2. Other functions

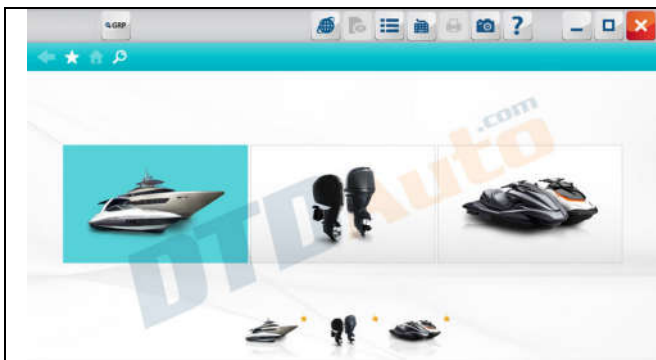
- Auto detect troubleshooting list on vehicle
- Save and display troubleshooting data on vehicle
- Support print repair data



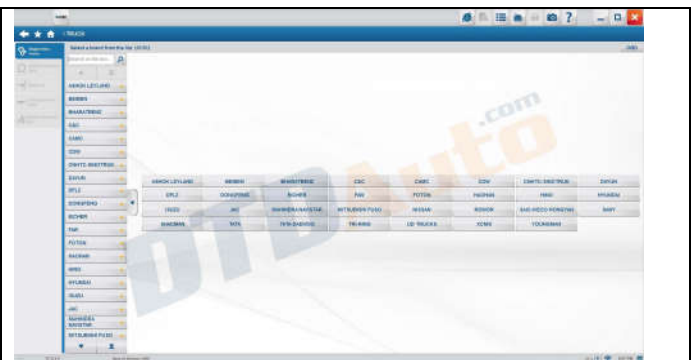
Software interface - List of vehicle



Software interface - List of vehicle



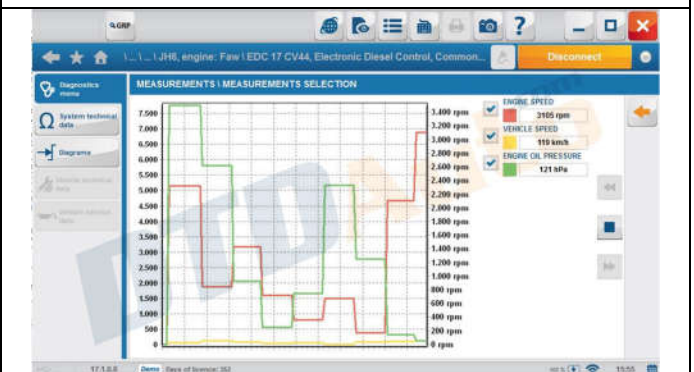
Software interface - List of vehicle



Software interface - List of vehicle



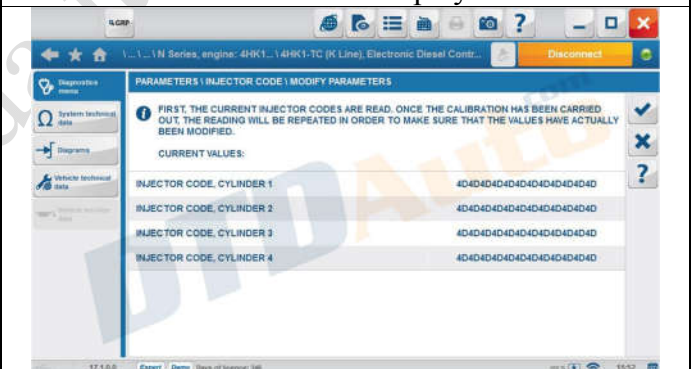
Software interface - Display live data



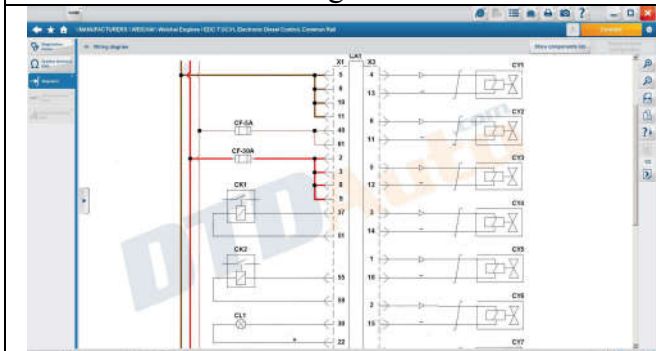
Software interface - Display live data



Software interface - Display system operating diagram



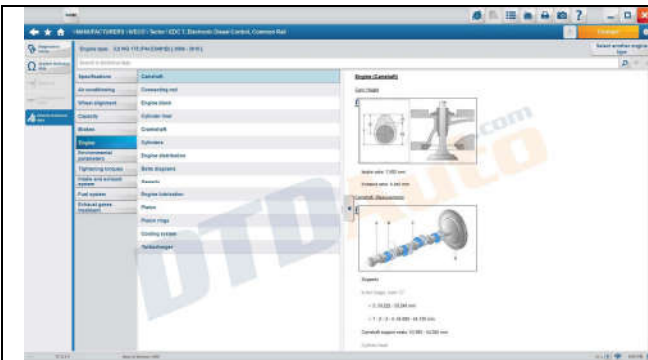
Software interface - Read injector code



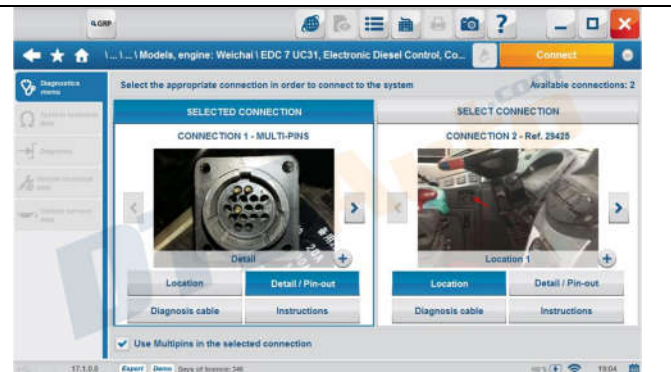
Software interface - Lookup electrical wiring diagram



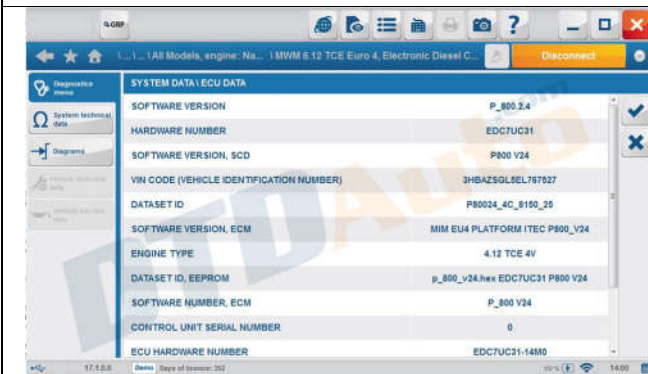
Software interface - Lookup component information



Software interface - Lookup component information



Software interface - Lookup diagnostic connector location



Software interface - Lookup vehicle information



Software interface - Lookup component information

❖ TECHNICAL SPECIFICATIONS

- Protocol standards:

- + ISO 9141-2
- + SAE J1850 VPW
- + SAE J1850 PWM
- + SAE J1708
- + SAE J1939
- + SCI Haldex
- + CAN ISO 11898
- + ISO 15765-4 (OBD)
- + CAN Single Wire
- + CAN Low Speed
- + RP 1210
- + PASS THROUGH

+ EURO IV

+ EURO V

- Connect computer with signal converter via Bluetooth or USB cable

❖ **ADVANTAGE**

- Easy to use

- Design science and lasted technologies

- Support lookup electrical wiring diagram and other repair data

- Update via internet

❖ **PC REQUIREMENT**

- Operation system: Windows XP (SP3), Win7

- Processor: 586 MHz or more



- RAM: 32 MB or more



- Screen resolution: 800 by 600 pixels or more



- USB port

❖ **OPTIONAL PACKAGES**

PACKAGES	DESCRIPTION	ACCESSORIES	IMAGE
FULL KIT (ET1026A)	Used for trucks, buses, passenger cars, construction vehicles, industrial engines, cleaning vehicles, agricultural vehicles, marine engines... in EUROPEAN, AMERICAN AND ASIA MARKETS	<ul style="list-style-type: none">- 01 signal converter for vehicles using diesel fuel and diesel engines in European and American markets- 01 signal converter for vehicles using diesel fuel and diesel engines in Asia market- 01 signal converter for agricultural vehicles- 01 signal converter for marine engines, canoes- Adapters and accessories- 01 specialized software for cars and vehicles using diesel fuel and diesel engines in European and American markets	

		<ul style="list-style-type: none"> - 01 specialized software CDROM for cars and vehicles using diesel fuel and diesel engines in Asia market - 01 specialized software CDROM for agricultural vehicles - 01 specialized software CDROM for marine engines, canoes - 01 DTD Code - Professional software lookup fault code - 01 computer (option) - User guide - Suitcase 	
EURO + USA KIT (ET1026B)	Used for trucks, buses, passenger cars, construction vehicles, industrial engines, cleaning vehicles... in European and American markets	<ul style="list-style-type: none"> - 01 signal converter for vehicles using diesel fuel and diesel engines in European and American markets - Adapters and accessories - 01 specialized software CDROM for cars and vehicles using diesel fuel and diesel engines in European and American markets - 01 DTD Code - Professional software lookup fault code - 01 computer (option) - User guide - Suit case 	
ASIA KIT (ET1026C)	Used for trucks, buses, passenger cars, construction vehicles, industrial engines, cleaning vehicles... in Asia market	<ul style="list-style-type: none"> - 01 signal converter for vehicles using diesel fuel and diesel engines in Asia market - Adapters and accessories - 01 specialized software CDROM for cars and vehicles using diesel fuel and diesel engines in Asia market - 01 DTD Code - Professional software lookup fault code - 01 computer (option) 	

		<ul style="list-style-type: none"> - User guide - Suitcase 	
AGV KIT (ET1026D)	Used for agricultural vehicles	<ul style="list-style-type: none"> - 01 signal converter for agricultural vehicles - Adapters and accessories - 01 specialized software CDROM for agricultural vehicles - 01 DTD Code - Professional software lookup fault code - 01 computer (option) - User guide - Suitcase 	
MARINE KIT (ET1026E)	Used for inboard motors, outboard motors, jet skis	<ul style="list-style-type: none"> - 01 signal converter for inboard motors, outboard motors, jet skis - Adapters and accessories - 01 specialized software CDROM for inboard motors, outboard motors, jet skis - 01 DTD Code - Professional software lookup fault code - 01 computer (option) - User guide - Suitcase 	

FULL KIT IMAGE OF JALTEST		
NO.	DESCRIPTION	IMAGE
1	Signal converter used for European and American vehicles	
2	Signal converter used for Asia vehicles	

3	Signal converter used for agricultural vehicles	
4	Signal converter used for marine engines, canoes....	
5	Cables used for European and American vehicles	
6	Cables used for European and Asia vehicles	
7	Cables used for agricultural vehicles	
8	Cables used for marine engines, canoes....	
9	Data cable	
10	Connectors	

11	Cigarette lighter power cable	
12	Battery cable	
13	USB cable	
14	License software for trucks, passenger cars, construction vehicles ... (depend on kit that you select)	
15	DTD-CODE - professional software lookup fault code	
16	User guide	
17	Suitcase	

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