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Book Descriptions:

canobd2 3030 manual

Vehicle Service Manuals. USING THE CODE READER Code Retrieval Procedure. Always read your vehicles service manual and follow its safety. All 1996 and newer vehicles cars and light trucks sold in the United States are OBD 2 compliant. This includes all Domestic, Asian and European vehicles. DTCs are shown on the Car Readers LCD display. See your vehicles service manual or a mechanic for more information. Each DTC has a set of testing procedures, instructions and flow charts that must be followed to confirm the location of the problem. This information is found in the vehicles service manual. Make sure your vehicle is OBD 2 compliant. See VEHICLES COVERED on page 2 for vehicle compliance verification information. 6. Read and interpret the Diagnostic Trouble Codes using the LCD display and the green, yellow and red LEDs. Car Reader will then beep twice and return to displaying codes. DO NOT replace parts based only on DTCs without first consulting the vehicles service manual for proper testing procedures for that particular. Page Count 32 If the unit fails within the one 1 year period, it will be repaired or replaced, at the Manufacturers option, at no charge, when returned prepaid to the Technical Service Center with Proof of Purchase. The sales receipt may be used for this purpose. Installation labor is not covered under this warranty. All replacement parts, whether new or remanufactured, assume as their warranty period for only the remaining time of this warranty. This warranty does not apply to damage caused by improper use, accident, abuse, improper voltage, service, fire, flood, lightning, or other acts of God, or if the product was altered or repaired by any one other than the Manufacturers Technical Service Center. Consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. <http://www.dbc-online.com/files/articles/dng-c6000i-manual.xml>

- **canobd2 3030 manual, obd2 3030 manual, canobd2 3030 codes, innova canobd2 3030 manual, canobd2 3030 manual.**

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. No portion of this warranty may be copied or duplicated without the expressed written permission from the Manufacturer. This manual describes common test procedures used by experienced service technicians. Always read your vehicles service manual and follow its safety precautions before and during any test or service procedure. ALWAYS observe the following general safety precautions When an engine is running, it produces carbon monoxide, a toxic and poisonous gas. To prevent serious injury or death from carbon monoxide poisoning, operate the vehicle ONLY in a wellventilated area. To protect your eyes from propelled objects as well as hot or caustic liquids, always wear approved safety eye protection. When an engine is running, many parts such as the coolant fan, pulleys, fan belt etc. turn at high speed. To avoid serious injury, always be aware of moving parts. Keep a safe distance from these parts as well as other potentially moving objects. Engine parts become very hot when the engine is running. To prevent severe burns, avoid contact with hot engine parts. Before starting an engine for testing or troubleshooting, make sure the parking brake is engaged. Put the transmission in park for automatic transmission or neutral for manual transmission. Block the drive wheels with suitable blocks. Connecting or disconnecting test equipment when the ignition is ON can damage test equipment and the vehicles electronic components. Turn the ignition OFF before connecting the Code Reader to or disconnecting the Code Reader from the vehicle's Data Link Connector DLC. To prevent damage to the onboard computer when taking vehicle electrical measurements, always use

a digital multimeter with at least 10 megOhms of impedance. The vehicle's battery produces highly flammable hydrogen gas. <http://neupharma.com/uploads/como-escribir-un-manual-de-calidad.xml>

To prevent an explosion, keep all sparks, heated items and open flames away from the battery. Don't wear loose clothing or jewelry when working on an engine. Loose clothing can become caught in the fan, pulleys, belts, etc. Jewelry is highly conductive, and can cause a severe burn if it makes contact between a power source and ground. All 1996 and newer vehicles cars and light trucks sold in the United States are OBD 2 compliant. This includes all Domestic, Asian and European vehicles. Some 1994 and 1995 vehicles are OBD 2 compliant. To find out if a 1994 or 1995 vehicle is OBD 2 compliant, check the following:

1. The Vehicle Emissions Control Information (VECI) Label. This label is located under the hood or by the radiator of most vehicles. If the vehicle is OBD 2 compliant, the label will state "OBD II Certified."
2. Government Regulations require that all OBD 2 compliant vehicles must have a "common" sixteenpin Data Link Connector (DLC). Some 1994 and 1995 vehicles have 16pin connectors but are not OBD 2 compliant. Only those vehicles with a Vehicle Emissions Control Label stating "OBD II Certified" are OBD 2 compliant.

Data Link Connector (DLC) Location The 16pin DLC is usually located under the instrument panel dash, within 12 inches (300 mm) of center of the panel, on the driver's side of most vehicles. It should be easily accessible and visible from a kneeling position outside the vehicle with the door open. On some Asian and European vehicles the DLC is located behind the "ashtray" the ashtray must be removed to access it or on the far left corner of the dash. If the DLC cannot be located, consult the vehicle's service manual for the location. DTCs are shown on the Car Reader's LCD display. In this case, the Multifunction Indicator "Check Engine" lamp on the vehicle's instrument panel will light steady on.

7. LCD Display Displays test results, Car Reader functions and Monitor status information.

See DISPLAY FUNCTIONS, below, for details.

8. CABLE Connects the Car Reader to the vehicle's Data Link Connector (DLC).

DISPLAY FUNCTIONS See Figure 2 for the locations of items 1 through 13, below.

1. Vehicle icon Indicates whether or not the Car Reader is being properly powered through the vehicle's Data Link Connector (DLC). A visible icon indicates that the Car Reader is being powered through the vehicle's DLC connector.
2. Link icon Indicates whether or not the Car Reader is communicating linked with the vehicle's onboard computer. When visible, the Car Reader is communicating with the computer. If the Link icon is not visible, the Car Reader is not communicating with the computer.
3. DTC Display Area Displays the Diagnostic Trouble Code (DTC) number. The MIL icon is visible only when a DTC has commanded the MIL on the vehicle's dashboard to light.
7. FREEZE FRAME icon Indicates that "Freeze Frame" data has been stored in the vehicle's computer for the currently displayed DTC. E7 2 3 7 9 8 10 46 5 1

Figure 2. Display Functions When a Monitor icon is flashing, it indicates that the vehicle supports the associated Monitor, but the Monitor has not yet run its diagnostic testing. Some states require that all vehicle Monitors have run and completed their diagnostic testing before a vehicle can be tested for Emissions Smog Check. A maximum of eleven Monitors are used on OBD 2 systems. Not all vehicles support all eleven Monitors. When the Car Reader is linked to a vehicle, only the icons for Monitors that are supported by the vehicle under test are visible on the display. Make sure all air filter ducts are properly connected. Check for corrosion or broken connections. If needed, perform a compression check, engine vacuum check, timing check if applicable, etc.

VEHICLE SERVICE MANUALS Always refer to the manufacturer's service manual for your vehicle before performing any test or repair procedures.

Contact your local car dealership, auto parts store or bookstore for availability of these manuals. Each DTC has a set of testing procedures, instructions and flow charts that must be followed to confirm the location of the problem. This information is found in the vehicle's service manual. Always refer to the vehicle's service manual for detailed testing instructions. Check your vehicle thoroughly before performing any test. See Preparation for Testing on page 7 for details.

ALWAYS observe safety precautions whenever working on a vehicle. See Safety Precautions on page 2 for more information. 1. Turn the ignition off. 2. Locate the vehicle's 16pin Data Link Connector DLC. See page 3 for connector location. 3. Connect the Car Reader's cable connector to the vehicle's DLC. If you still have problems, check the DLC on the vehicle and on the Car Reader. Check your fuse panel and replace any burned-out fuses. This means that the Car Reader is unable to communicate with the vehicle's computer. Do the following E10 See VEHICLES COVERED on page 2 for vehicle compliance verification information. 6. Read and interpret the Diagnostic Trouble Codes using the LCD display and the green, yellow and red LEDs. All monitors on the vehicle are active and are performing their diagnostic testing, and no trouble codes are present. Check the Car Reader's LCD display for confirmation. A pending code is confirmed by the presence of a numeric code and the word PENDING on the Car Reader's LCD display. If no pending code is shown, the yellow LED indicates Monitor Status see the following. This means that some of the Monitors on the vehicle have not yet finished their diagnostic selftesting. This condition is confirmed by one or more blinking Monitor icons on the LCD display. A blinking Monitor icon means the Monitor has not yet run and finished its diagnostic selftesting.

The red LED is also used to show that DTCs are present displayed on the Car Reader's LCD display. In this case, the Multifunction Indicator Check Engine lamp on the vehicle's instrument panel will light steady on. E11 The Car Reader will then beep twice and return to displaying codes. This action repeats as long as the Car Reader is in communication with the vehicle's computer. The Car Reader will display a code only if codes are present in the vehicle's computer memory. To reestablish communication, press the LINK button again. Refer to page 14 for Diagnostic Trouble Code definitions. Match the retrieved DTCs with those listed. Read the associated definitions, and see the vehicle's service manual for further evaluation. If you plan to take the vehicle to a Service Center for repair, DO NOT erase the codes from the vehicle's computer. If the codes are erased, valuable information that might help the technician troubleshoot the problem will also be erased. To set all of the Monitors to a DONE status, an OBD 2 Drive Cycle must be performed. Refer to your vehicle's service manual for information on how to perform an OBD 2 Drive Cycle for the vehicle under test. 1. If not connected already, connect the Car Reader to the vehicle's DLC. If the Car Reader is already connected and linked to the vehicle's computer, proceed directly to step 4. If not, continue to step 2. 2. Turn the ignition on. DO NOT start the engine. The Car Reader will automatically link to the vehicle's computer. E12 If proper repairs to correct the problem that caused the codes to be set are not made, the codes will appear again and the check engine light will illuminate as soon as the vehicle is driven long enough for its Monitors to complete their testing. E13 DO NOT replace parts based only on DTCs without first consulting the vehicle's service manual for proper testing procedures for that particular system, circuit or component.

DTCs are alphanumeric codes that are used to identify a problem that is present in any of the systems that are monitored by the onboard computer PCM. Each trouble code has an assigned message that identifies the circuit, component or system area where the problem was found. Generic DTCs are codes that are used by all vehicle manufacturers. The standards for generic DTCs, as well as their definitions, are set by the Society of Automotive Engineers SAE. Manufacturer Specific DTCs are codes that are controlled by the vehicle manufacturer. The Federal Government does not require manufacturerspecific codes in order to comply with the new OBD 2 emissions standards. They identify the section of the system that is malfunctioning. This section provides the most complete list of "Generic" DTC definitions available at the time of publication. OBD 2 is an evolving system; new codes and definitions are added as the system grows. ALWAYS check your vehicle's service manual for code definitions that are not listed here, or for "Manufacturer Specific" DTC definitions. For more information, visit our web site at www.CodeReader.com. E14. Your eCTM will be stored in that account. If a Member has multiple Program Credit Cards they cannot be linked to the same Triangle Rewards Account. A Member can

request the issuance of additional Triangle Rewards Cards that have the same account number as that Member's Triangle Rewards Account. Collecting electronic Canadian Tire Money eCTM can be collected when you purchase Eligible Merchandise see below at participating Canadian Tire stores or online at canadiantire.ca or such other web site as may be designated by Canadian Tire from time to time. To collect eCTM you must present a Triangle Rewards Card or use a Cardless Method described below. You can also collect eCTM on that portion of a purchase charged to a Program Credit Card.

The Program Credit Card must be linked to a Triangle Rewards Account at the time the purchase is made in order to collect eCTM. The amount of eCTM collected on fuel purchases depends on the number of litres purchased. A minimum fuel purchase may be required before eCTM can be collected. The rate of collection may vary from time to time and by location and by type of tender used for payment so check at your local Canadian Tire gas bar. You can also collect eCTM on purchases that you make at other merchants that are charged to a Program Credit Card. The rate at which eCTM can be collected may vary from time to time and by location and is subject to change by Canadian Tire without notice. In addition, you may collect eCTM at a different rate if you pay with a Program Credit Card than you would if you use a Triangle Rewards Card or Cardless Method . Purchases made in a foreign currency with a Program Credit Card are first converted into Canadian currency as set out in the cardmember agreement prior to calculating the amount of eCTM that you have collected. If you use a Triangle Rewards Card or Cardless Method, it must be swiped or scanned or your phone number provided, as the case may be, before you make your purchase. When shopping online at canadiantire.ca or other website as designated by Canadian Tire, you must enter your Triangle Rewards Account number at check out to collect eCTM. Members are also eligible to collect bonus eCTM, or to collect eCTM at a promotional rate offered from time to time on the purchase of select items, upon the occurrence of certain events or as part of a promotion or offer, but unless otherwise indicated, bonus eCTM or eCTM awarded at a promotional rate is awarded only once for a transaction. You cannot use a Triangle Rewards Card or Cardless Method together with a Program Credit Card.

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Please note that in some Canadian Tire stores it may not be possible to simply provide your phone

number when redeeming eCTM; presentation of your Triangle Rewards Card or Program Credit Card or scanning of the Program App may be required instead. You may not redeem eCTM from more than one Triangle Rewards Account for the same transaction. You must have enrolled in the Program, or have activated your Program Credit Card, in order to redeem eCTM. What Happens When an Item is Returned. If you return an item for a refund and had received eCTM when you purchased such item, such amount of eCTM will be deducted from your Triangle Rewards Account. Merchandise that was purchased either in whole or in part by redeeming eCTM may not be returned for cash, rather, the connected Triangle Rewards Account will be credited with the same amount of eCTM used to make the original purchase. Expiration of Electronic Canadian Tire Money We may expire the eCTM in your Triangle Rewards Account in the event that there has been a period of inactivity of 18 months or more. For the purposes of this section, "inactivity" means that there has been neither a transaction in which you have collected eCTM, nor a transaction in which you have redeemed eCTM during the period in question.

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