

active diagnosis

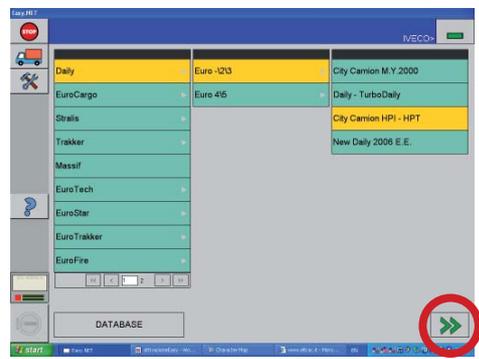
1. to start the Active Diagnosis



2. Active Diagnosis environment

3. Active Diagnosis examples

To start the Active Diagnosis

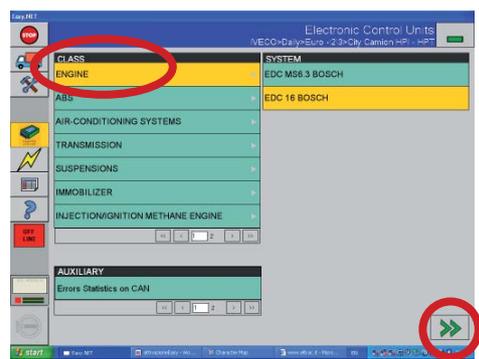


1. select the Group, the Category, and the Model under test to which the vehicle belongs
2. press the **NAVIGATION** button **FORWARD** (enabled - green) to continue

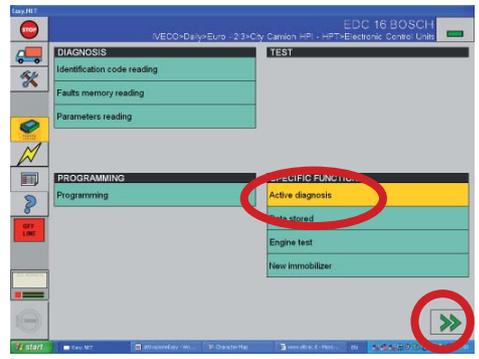
If the Guide to Diagnosis is available (GAD), the user should consult it by automatically accessing the GAD environment (see unit 10).

To continue the work on an electronic system, select the key **ECU'S AREA>ADD ECU**. Now it is possible to select the Class and the Electronic System; confirm by selecting the **RIGHT ARROW** key.

If the GAD is not available, select immediately the Class and the Electronic System; confirm by selecting the **RIGHT ARROW** key.



3. select the Class and the System under test to which the vehicle belongs; select the **FORWARD NAVIGATION** key (enabled - green) to continue



4. from the specific functions list select the option ACTIVE DIAGNOSIS; select the **FORWARD NAVIGATION** key (it is active, in green displayed)



It is possible to carry out an active diagnosis only in **online** mode. In case of error check the following connections ECU/ECI/E.A.S.Y.

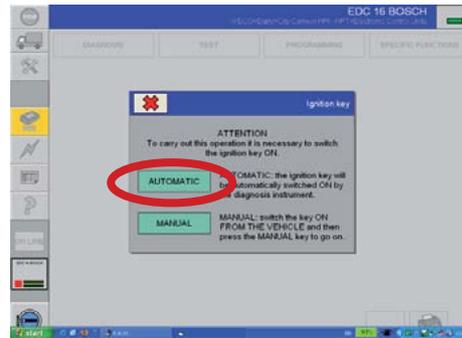
active diagnosis

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2. Active Diagnosis environment

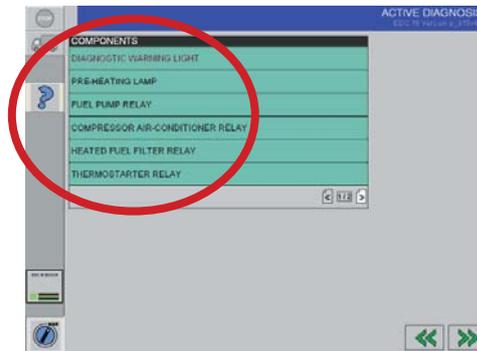
3. Active Diagnosis examples



5. select the ignition key management (automatic/manual): if the electronic vehicle under test is fitted with this function, select the **AUTOMATIC** key

- E.A.S.Y. displays some information about the activity in progress
- the ignition key ON is automatically activated
- the ECU connection starts

6. read the displayed messages and select the **GREEN TICK** icon to continue



7. at the end the system permits access to the **Active Diagnosis** environment; the components list is displayed, on which tests can be carried out

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Active Diagnosis environment

The components of the selected electronic system are indicated in a list; use the browse keys to display all the elements of the list.

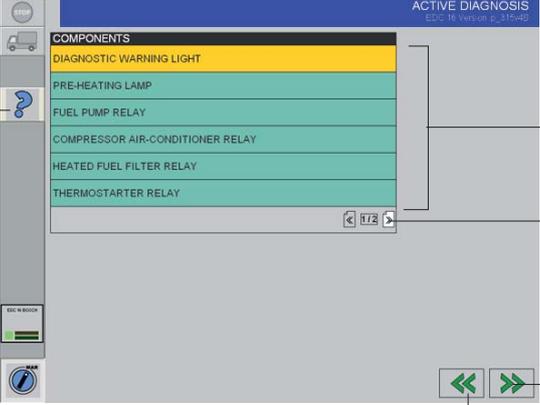
1. select the COMPONENT on which the test will be carried out
2. select the FORWARD NAVIGATION key to continue and carry out the test

**HELP key**

if selected it shows information about the electronic system under test; information about the guide to the diagnosis are not provided.



PRN	FUNZIONE ELETTRICA
A01	DIAGNOSTICO CILINDRO 074
A02	DIAGNOSTICO CILINDRO 075
A03	DIAGNOSTICO SENSORI PRESSIONE OLIO
A11	ALIMENTAZIONE SENSORI ALBERO COTOGNIZIONE
A12	DELLAZIONE SENSORI ALBERO ALI-DIODE
A13	ALIMENTAZIONE SENSORI TEMPERATURA E PRESSIONE ARIA DI INTERASSERZIONE
A16	DIAGNOSTICO CILINDRO 074
A17	DIAGNOSTICO CILINDRO 074
A18	ALIMENTAZIONE MANILAZIONE DE PRESSIONE
A20	DIAGNOSTICO SENSORI ALBERO COTOGNIZIONE
A21	DIAGNOSTICO A SENSORI ALBERO COTOGNIZIONE



**ACTIVE DIAGNOSIS**

**COMPONENTS**

- DIAGNOSTIC WARNING LIGHT
- PRE-HEATING LAMP
- FUEL PUMP RELAY
- COMPRESSOR AIR-CONDITIONER RELAY
- HEATED FUEL FILTER RELAY
- THERMOSTARTER RELAY

**HELP key** (indicated by a question mark icon)

**BROWSE key** (indicated by left and right arrow icons)

**FORWARD NAVIGATION key** (indicated by a right arrow icon)

**BACK NAVIGATION key** (indicated by a left arrow icon)

components: selectable list

It allows you to move one step back; if selected at this level it allows you to exit the Active Diagnosis environment.

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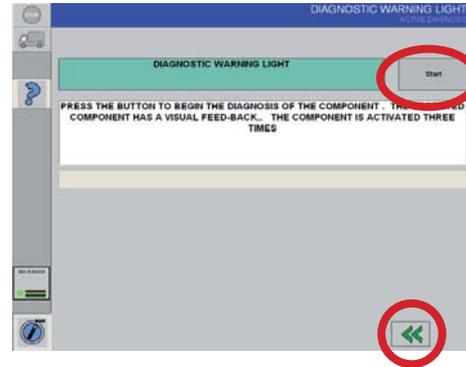
3.Active Diagnosis examples

Active Diagnosis examples

The type of the electronic system under test determines the components type where it is possible to carry out an active diagnosis.

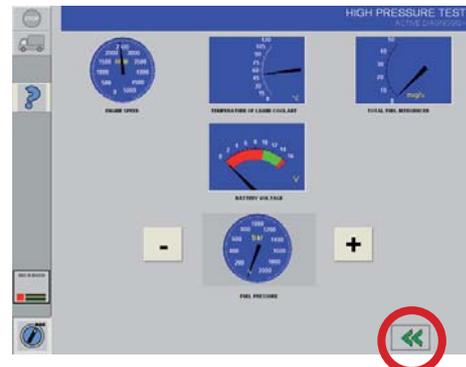
Different tests are prepared for different components. Significant examples are indicated below.

EDC Warning light



- 1. select the **START** key and follow the instructions
- 2. select the **BACK NAVIGATION** key to choose another test

Fuel Pressure Set



- 1. check the security regulations; the on-screen displayed instructions help during the test execution
- 2. at the end of the operation, select the **BACK NAVIGATION** key to choose another test