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| **Information on resources used in graphics software** |
| **Diagnostic tool manual** |



Sommario

[1. TITOLO 1 2](#_Toc495648770)

[1.1. Asdfsdfsdf 2](#_Toc495648771)

[1.2. Asdfsdfsdfggg 2](#_Toc495648772)

# Information on resources used in graphics software

## Home Screen

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| The purpose of this document is to provide a reference for the images that characterise the graphical user interface of software.    Z_Pericolo.jpg  **Warning**  The screens are for information purposes.  DIAGBOX_4.1_EN.jpg |

## Language selection

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| DIAGBOX_4.2_EN.jpg  DIAGBOX_4.3_EN.jpg |

## Diagnosis selection

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| Press the "Check" push button to access the "Diagnosis" display screen.  DIAGBOX_4.4_IT.jpg  Press on "I agree"  DIAGBOX_4.5_IT.jpg  DIAGBOX_4.6_IT.jpg  Press the "KDI" push button to access the "KDI engine series diagnosis"  DIAGBOX_4.7_EN.jpg  Press "OK" to enter the "Engine parameters" menu.  01_EN_DB.jpg |

## Diagnosis menu

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| DIAGBOX_4.9_EN.jpg |

## Parameters menu

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| Press the ''Param.'' push button to access the ''Parameter'' display screen.  DIAGBOX_4.10_EN.jpg  ***Parameters***  DIAGBOX_4.11_EN.jpg  DIAGBOX_4.12_EN.jpg  Press the ''i'' push button to access the ''Help'' display screen.  DIAGBOX_4.13_EN.jpg  ***Engine log***  Press "HF" to start engine parameters  log. "Attention" box is displayed when log starts.  Click “OK” to stop the log..  DIAGBOX_4.14_EN.jpg  Z_Pericolo.jpg  **Warning**  Log can record a maximum of 40 minutes  Once engine parameters are logged, the relevant file will be saved to "Documents > Lombardini Kohler > Road tests" which was automatically created upon software installation.  DIAGBOX_4.15.jpg  Click "ROAD TESTS" and then .csv excel file to view engine parameters.  DIAGBOX_4.16_IT.jpg  Z_Pericolo.jpg  **Warning**  When several log files are recorded, it is recommended to move any previous log file to another folder and rename it, or it will be overwritten |

## Relay status menu and ECU sensors

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| Press the ''Status'' push button to access the ''Status'' display screen.  DIAGBOX_4.19_EN.jpg  ***List of existing engine statuses displayed***  DIAGBOX_4.20_EN.jpg  DIAGBOX_4.21_EN.jpg  Press the ''i'' push button to access the ''Help'' display screen.  DIAGBOX_4.22_EN.jpg |

## Menu information reported in ECU

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| Press the ''Info'' push button to access the ''Information'' display screen.  DIAGBOX_4.23_EN.jpg  ***List of information engine statuses displayed***  DIAGBOX_4.24_EN.jpg  DIAGBOX_4.25_EN.jpg  Press the ''i'' push button to access the ''Information'' display screen.  DIAGBOX_4.26_EN.jpg |

## Activation menu for active diagnosis

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| Press the ''Activate'' push button to access the ''Activation'' display screen.  DIAGBOX_4.27_EN.jpg  ***List of activation engine statuses displayed***  Menu_POLAR_EN.jpg  ***Reset PLV opening times***  To open the "Reset no.PLV" menu, use arrow button to select "Select other detail from list" and then "Replace selected activation with activation not displayed".  Once you open the "Reset no.PLV" menu, press "ACT" to reset the number of PLV opening times.  POLAR_EN.jpg  QR injectors entry code  DIAGBOX_4.29_EN.jpg  Press the ''i'' push button to access the ''Activation" (information)' display screen.  DIAGBOX_4.30_EN.jpg  Push the button "ACT" to activate the QR code writing procedure.  DIAGBOX_4.31_EN.jpg  DIAGBOX_4.32_EN.jpg  **The injector code is composed of 30 characters to insert at two different times.**  **Insert the first 15 characters of the code and press "OK"**  DIAGBOX_4.33_EN.jpg  Wait for confirmation to insert the second 15 characters of the injector code  DIAGBOX_4.34_EN.jpg  Insert the second 15 characters of the code and press "OK"  DIAGBOX_4.35_EN.jpg  ***"Activate" diagnosis example*** ***.***  If you wish to verify the operation of the EGR valve, follow this procedure:  DIAGBOX_4.27_EN.jpg  To access the "EGR valve on/off" display screen, press the right push button "Activation selection / scroll up and down".  DIAGBOX_4.37_EN.jpg  DIAGBOX_4.38_EN.jpg  By pressing the "ACT" push button, it activates the "EGR" test.  DIAGBOX_4.39_EN.jpg  Press "OK"  DIAGBOX_4.40_EN.jpg  **NOTE** : For another active diagnosis, select the desired activations by following the previous example |

## Error menu

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| Press the ''Error'' push button to access the ''Error'' display screen.  DIAGBOX_4.41_EN.jpg  DIAGBOX_4.42_EN.jpg  Press the "HF" push button to access the "Active error image information" video display  DIAGBOX_4.43_EN.jpg |

## Freeze frame menu

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| Displays engine parameters that are memorised at the time of the error.  Press the ''Freeze'' push button to access the ''Freeze Frame'' display screen"  DIAGBOX_4.44_EN.jpg  DIAGBOX_4.45_EN.jpg  Press "FF" to scroll the "Freeze Frame" referred to any errors.  Every error will create a .csv file and data will be saved to "Documents > Lombardini Kohler > Freeze Frame".  At the end of the list, the following page will be displayed.  DIAGBOX_4.46_EN.jpg  Page "Documents > Lombardini Kohler > Freeze Frame".  DIAGBOX_4.45_IT.jpg  Click "FREEZE FRAME" and then file .csv.  DIAGBOX_4.46_IT.jpg |

