



Achieve the impossible

ABRITES Diagnostics for Mazda Online
User Manual

Version: 31.9

www.ABRITES.com

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I. Abrates diagnostics for Mazda Online:

The Abrates diagnostics for Mazda Online is the next generation in the evolution of the Abrates Diagnostics for Mazda. It provides dealer level diagnostics, live value and diagnostic trouble code monitoring, locating and clearing in order to assist the diagnostician to locate and resolve any issues with the vehicle at a dealer level in the environment of their own workshop. It can be installed on any Windows based system higher than XP and requires an AVDI interface to operate.

II. Using the Abrates diagnostics for Mazda Online:

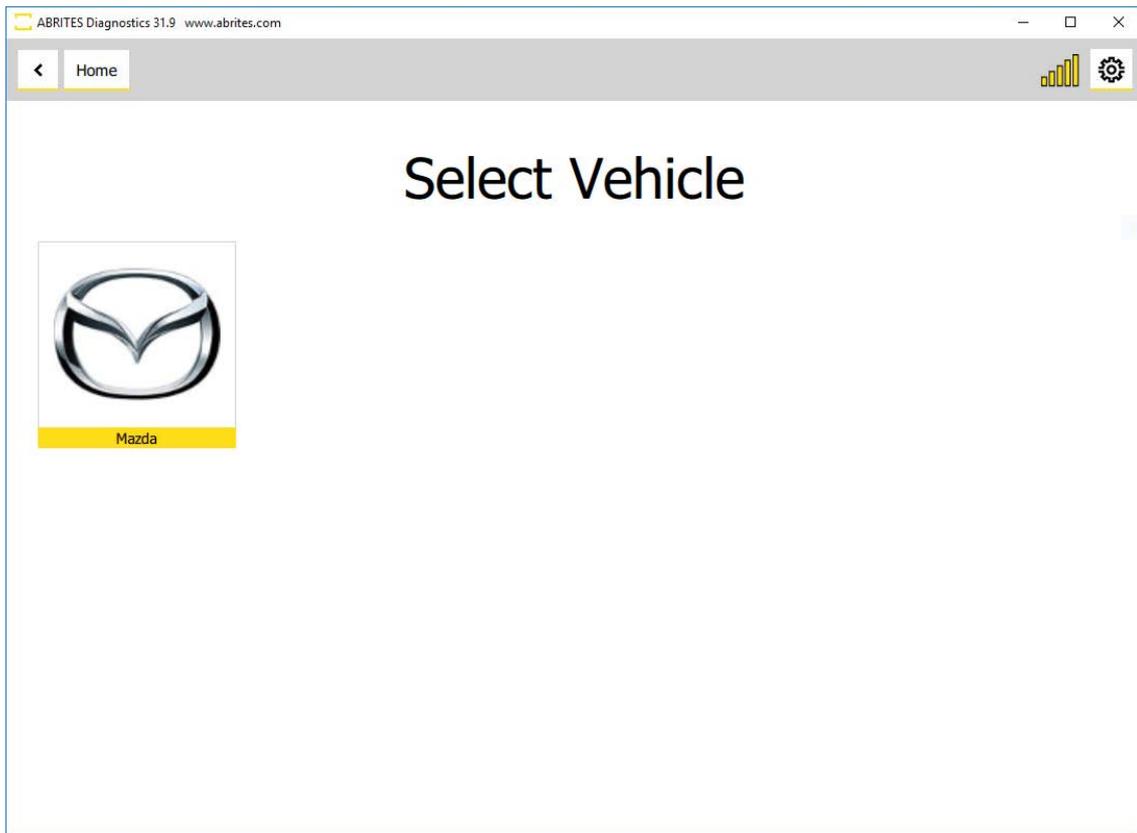
The Abrates diagnostics for Mazda is an Online application and as such it requires the computer you have installed it on to be connected to the Internet. We can suggest a connection to the Internet via 3G/ 4G from a mobile device as well as a WI-FI network. Please ensure to have port 8443 allowed by your Internet service provider in order to ensure the correct functionality of your Abrates diagnostics for Mazda Online. Using the icon in the top right of your software screen you will be able to see the internet connectivity and signal strength and the three horizontal lines will allow you to choose a language in which the software to operate:



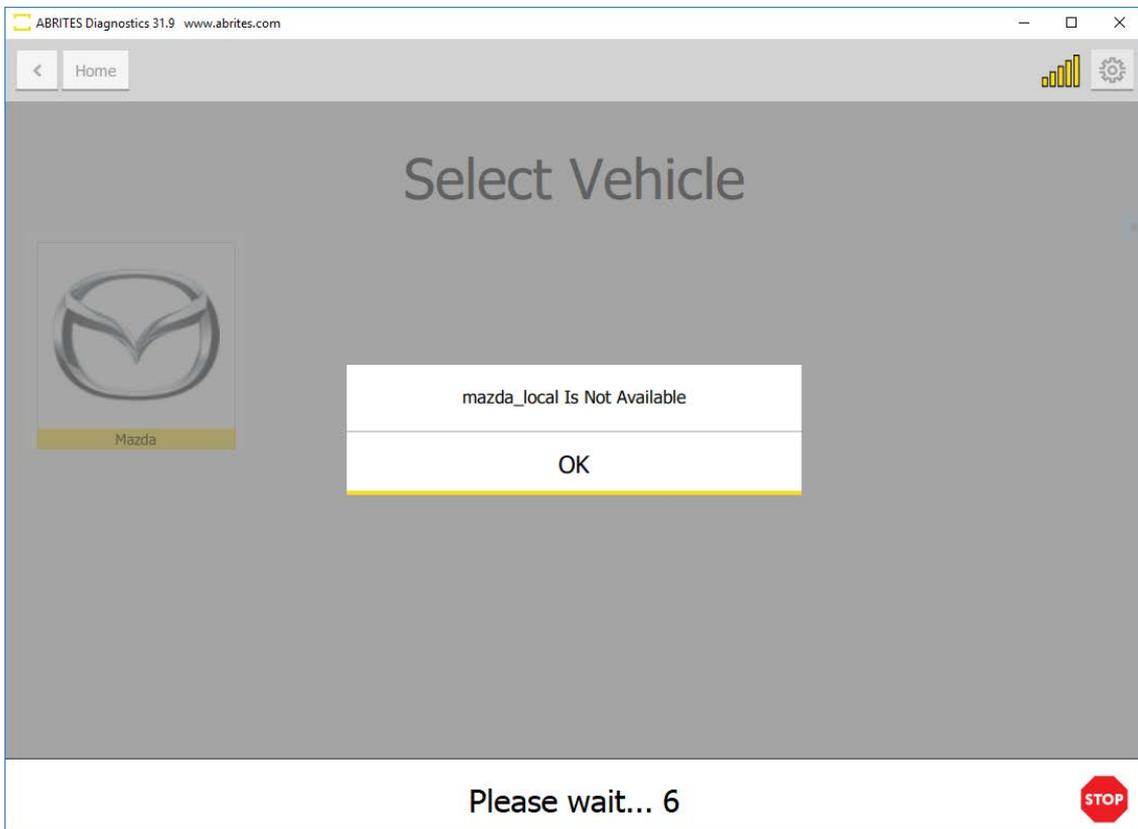
When you open the Abrates Quick Start you can select the Abrates diangostics for Mazda Icon:



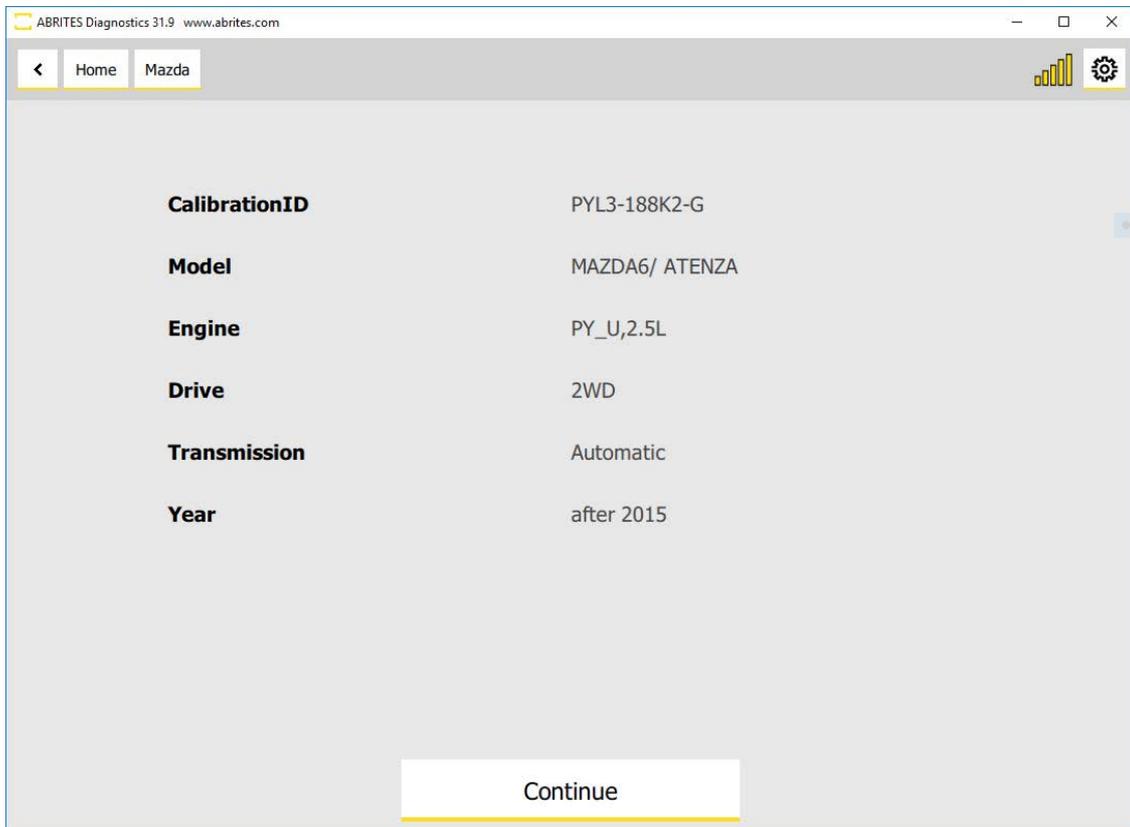
After clicking the Abrates diagnostics for Mazda Icon you will see the software start up. The software will automatically start detecting the vehicle your AVDI is connected to. Once that is done you will see a list of modules.



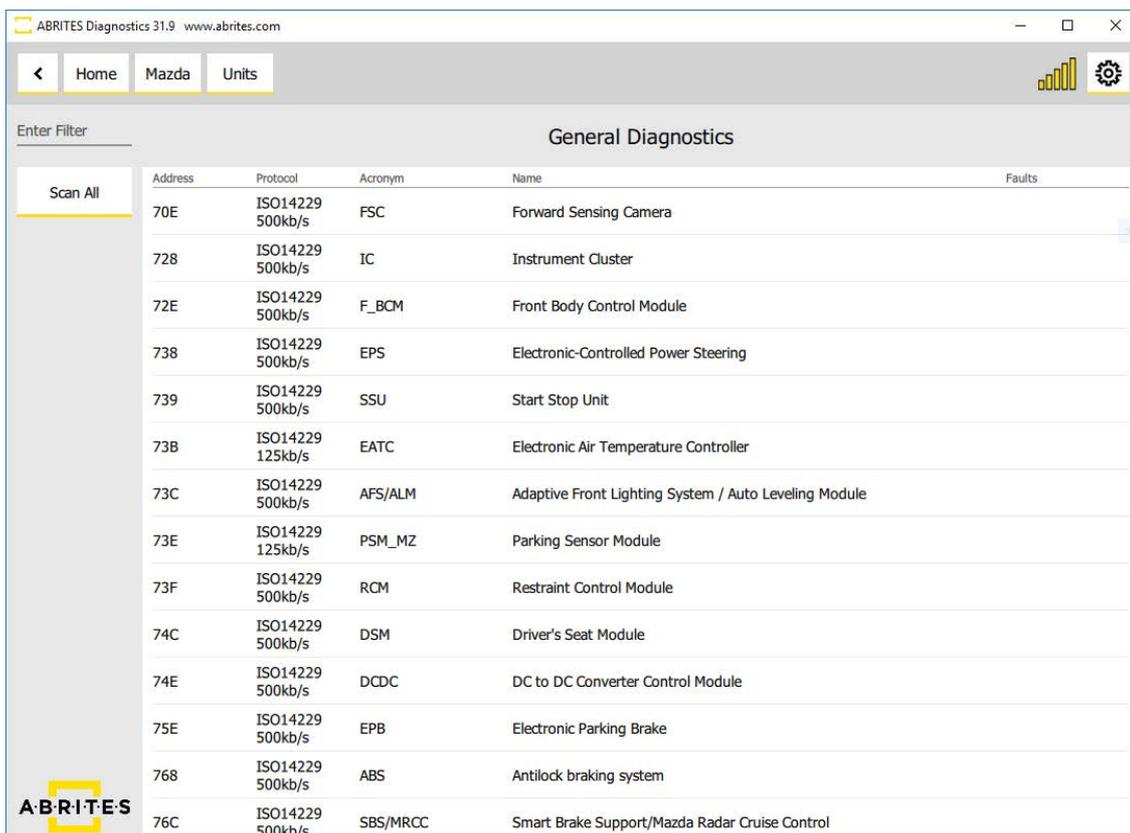
If the vehicle is not detected automatically, that would mean it is a model that is not yet covered, and you would see the following:



If the vehicle is auto-detected and you would see the following window and will be able to continue with the diagnostics session for the car:



Once software has been launched, it will detect all available modules in the car and the DTCs, in the example below the car actually had no faults:



Once a unit is opened, you will be able to read the fault codes from the "Fault Codes" button, clear the DTCs, open custom sessions, monitor live data, etc. Entering each of these modules will show you fault codes if such are present and also, live values (if available) as well as all the identifications and extended IDs of the module.

Here is an example with the live data:

Stop	Values
<input checked="" type="checkbox"/>	A/C load signal voltage 42.74 Volt
<input checked="" type="checkbox"/>	evaporator temperature signal voltage 42.78 Volt
<input checked="" type="checkbox"/>	evaporator temperature -15.50 C
<input checked="" type="checkbox"/>	Ambient Air Temperature 9.00 C
<input checked="" type="checkbox"/>	A/C Request Signal On
<input checked="" type="checkbox"/>	Air conditioning compressor cycling switch On
<input checked="" type="checkbox"/>	Active Air Shutter Position Actual: 0%(Close) / 100%(Open) 100.00 %
<input checked="" type="checkbox"/>	Active Air Shutter Module Calibration Status Not Done NUM
<input checked="" type="checkbox"/>	Alternator Current Sensor 42.74 Volt
<input checked="" type="checkbox"/>	Generator field current control duty signal 29.25 %
<input checked="" type="checkbox"/>	generator output voltage 1094.13 Volt
<input checked="" type="checkbox"/>	Accelerator Pedal Position 0.00 %
<input checked="" type="checkbox"/>	Accelerator pedal position sensor 1 781.00 Volt