



FORD ONLINE USER MANUAL

User manual
version 1.0



Important notes

The Abrites software and hardware products are developed, designed and manufactured by Abrites Ltd. During the production process we comply to all safety and quality regulations and standards, aiming at highest production quality. The Abrites hardware and software products are designed to build a coherent ecosystem, which effectively solves a wide range of vehicle-related tasks, such as:

- Diagnostic scanning;
- Key programming;
- Module replacement,
- ECU programming;
- Configuration and coding.

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Abrites assumes no responsibility for any damage resulting from the use, misuse, or negligent use of the hardware or any software application.

Safety information

The Abrites products are to be used by trained and experienced users in diagnostics and reprogramming of vehicles and equipment. The user is assumed to have a good understanding of vehicle electronic systems, as well as potential hazards while working around vehicles. There are numerous safety situations that cannot be foreseen, thus we recommend that the user read and follow all safety messages in the available manual, on all equipment they use, including vehicle manuals, as well as internal shop documents and operating procedures.

Some important points:

Block all wheels of the vehicle when testing. Be cautious when working around electricity.

Do not ignore the risk of shock from vehicle and building-level voltages.

Do not smoke, or allow sparks/flare near any part of the vehicle fuel system or batteries.

Always work in an adequately ventilated area, vehicle exhaust fumes should be directed towards the exit of the shop.

Do not use this product where fuel, fuel vapours, or other combustibles could ignite.

In case any technical difficulties occur, please contact the

Abrites Support Team by email at support@abrites.com.

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List of revisions

Date	Chapter	Description	Revision
15.04.2026	ALL	Document created.	1.0

1. Introduction

Congratulations on choosing our wonderful product!

Ford Online software is an Online server based Abrites software for Ford vehicles

In order to operate, the software requires you to have an AVDI interface, a Windows based PC with a minimum of 1024MB RAM, 64GB of free hard drive space and at least Windows 10 or later version to operate. For optimal operation, it is always recommended to have the latest software version installed, active AMS, and a stable Internet connection.

With the help of this software you can perform diagnostic procedures like read/clear DTC, and speed limiter calibration.

For proper operation of your diagnostic software you will need a corresponding interface for connection between your PC and vehicle named "AVDI". "AVDI" stands for "Abrites Vehicle Diagnostic Interface." It is produced by Abrites Ltd. and intended to act as an interface between the PC and the electronic control units.

Please check the "license viewer" installed on your computer for your unique interface ID number.

The software is in constant development and its functionality is ever growing. The intentions for the Abrites Software are to be used by automotive specialists, but it is simultaneously designed in such a way that is accessible to enthusiasts as well.

AVDI should be used with ABRITES software produced by Abrites Ltd.

ABRITES is a trade mark of Abrites Ltd

2. General Information

2.1 Scope of the manual

This document describes the usage of Abrites Ford Online software. The document is applicable for the latest software version. In this manual we suppose that the software for your AVDI interface is already installed. Please refer the “AVDI Common User’s Manual” in case it is not.

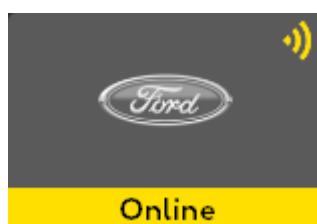
The Abrites diagnostics for Ford is an Online application, and as such, it requires the computer on which you have it installed to be connected to the Internet. We can suggest a connection to the Internet via 3G/ 4G from a mobile device as well as a WI-FI network. Please ensure that port 8443 is allowed by your Internet service provider to ensure the correct functionality of your Abrites diagnostics for Ford Online.

System requirements:

Minimum system requirements – Windows 10 64 bit or later
(recommended 4GB)

2.2 Getting Started

When you open the Abrites Quick Start, you should select the Abrites diagnostics for Ford:



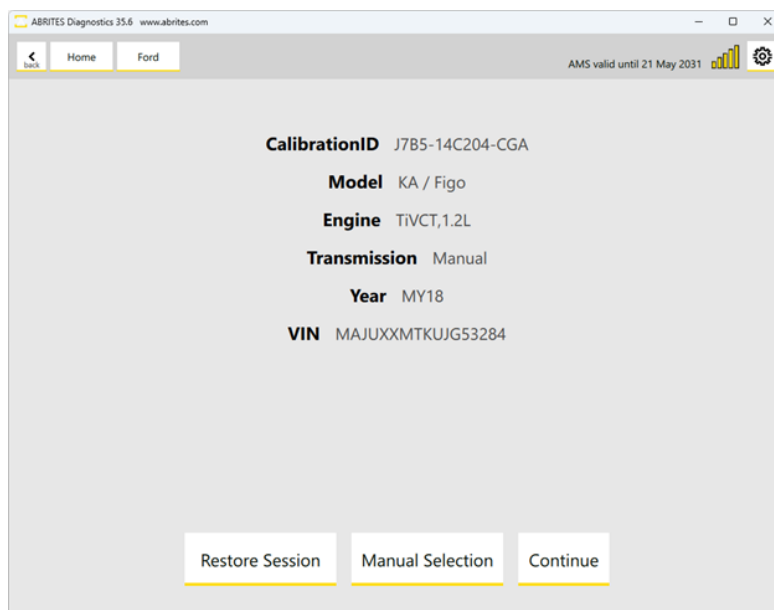
Using the icons in the top right of your software screen, you will be able to see the internet connectivity and signal strength, and the Gear icon will allow you to choose a language in which the software operates:



3. General Diagnostic Functionalities

After clicking the Abrites diagnostics for Ford Online icon, you will see the software start up. The software will automatically start detecting the vehicle your AVDI is connected to.

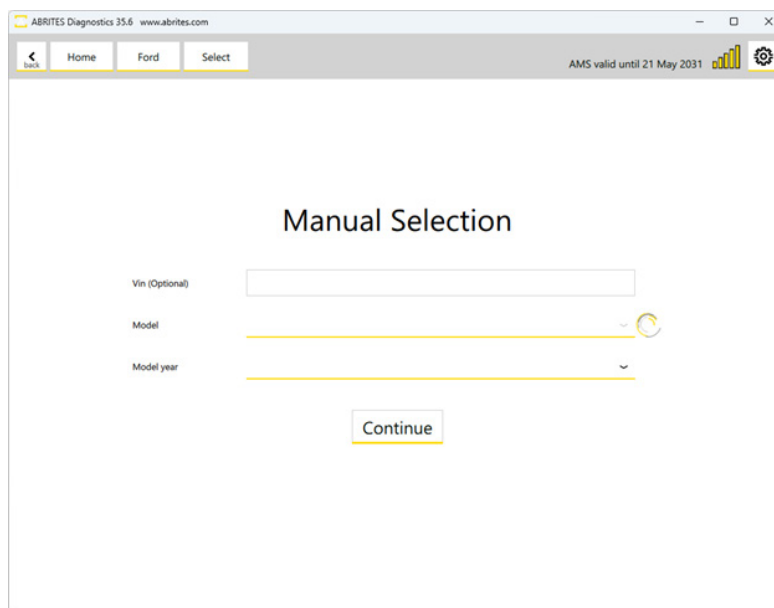
(If the vehicle is not automatically detected, you have the option to manually select the vehicle's model)



The screenshot shows the Abrites Diagnostics 35.6 software interface. The top navigation bar includes a back arrow, 'Home', and 'Ford' tabs. A status bar on the right indicates 'AMS valid until 21 May 2031' with a signal strength icon and a settings gear. The main display area lists the following vehicle details:

- CalibrationID** J7B5-14C204-CGA
- Model** KA / Figo
- Engine** TIVCT,1.2L
- Transmission** Manual
- Year** MY18
- VIN** MAJUXXMTKUJG53284

At the bottom, there are three buttons: 'Restore Session', 'Manual Selection', and 'Continue'.



The screenshot shows the 'Manual Selection' screen in the Abrites Diagnostics 35.6 software. The top navigation bar includes a back arrow, 'Home', 'Ford', and 'Select' tabs. The status bar on the right shows 'AMS valid until 21 May 2031' with a signal strength icon and a settings gear. The main display area is titled 'Manual Selection' and contains the following input fields:

- Vin (Optional)**: A text input field.
- Model**: A dropdown menu with a yellow bar and a refresh icon.
- Model year**: A dropdown menu with a yellow bar and a refresh icon.

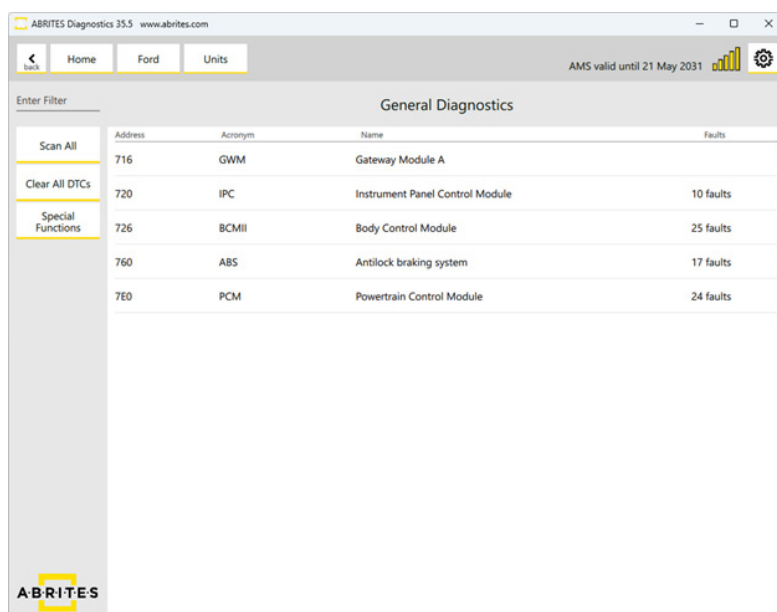
At the bottom, there is a 'Continue' button.

The ABRITES Diagnostics for Ford Online offers all standard functionalities as follows:

- Full Vehicle Scan
- Read/Clear DTCs
- Pats Information - Pats identification of the unit

3.1 Diagnostic Scan

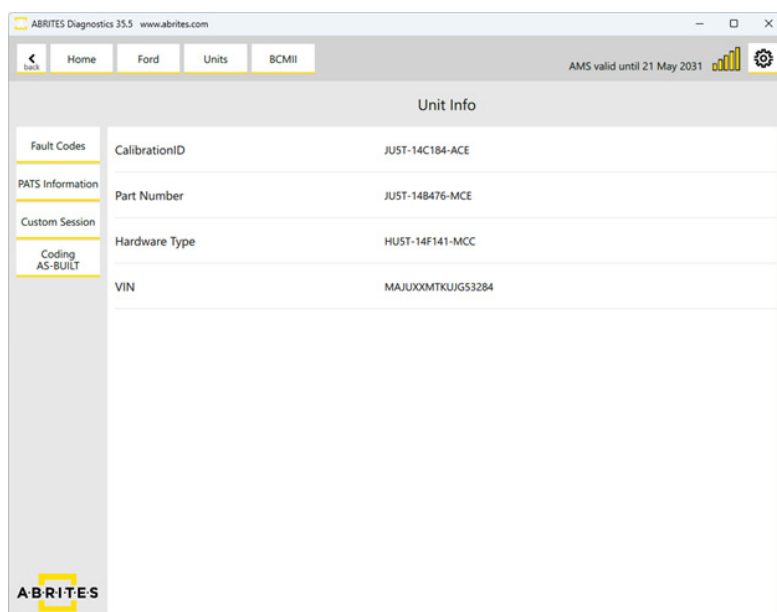
Once the vehicle has been detected, it will scan all available modules in the car and the DTC's stored in them, automatically. You can also do a scan by pressing the dedicated button on the left hand side "Scan All"



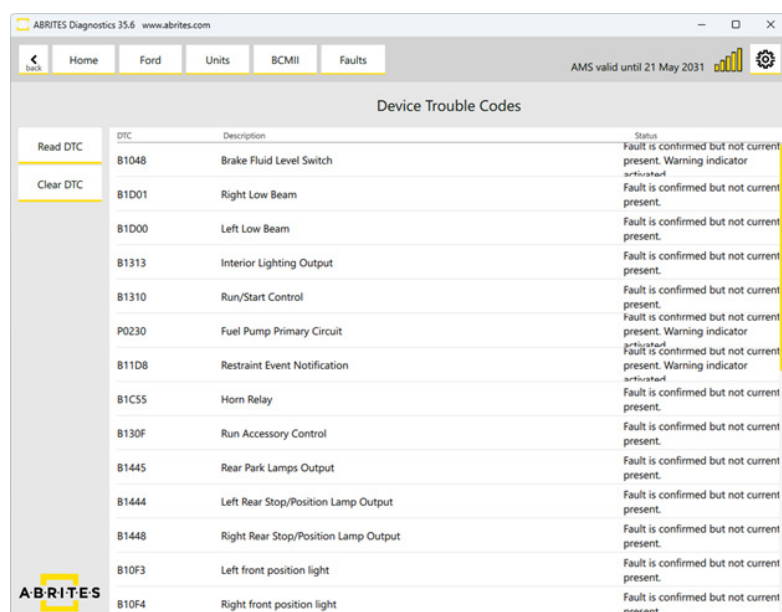
General Diagnostics				
	Address	Acronym	Name	Faults
Scan All	716	GWM	Gateway Module A	
Clear All DTCs	720	IPC	Instrument Panel Control Module	10 faults
Special Functions	726	BCMII	Body Control Module	25 faults
	760	ABS	Antilock braking system	17 faults
	7E0	PCM	Powertrain Control Module	24 faults

3.2 Read/Clear DTCs

To read and clear DTCs of a particular module, you can select it to open another screen. Once a unit is opened, you will be able to see the module's identification.



You can read the fault codes stored in the unit from the "Fault Codes" button, and clear the DTCs using the Clear DTC button:



4. Special Functions

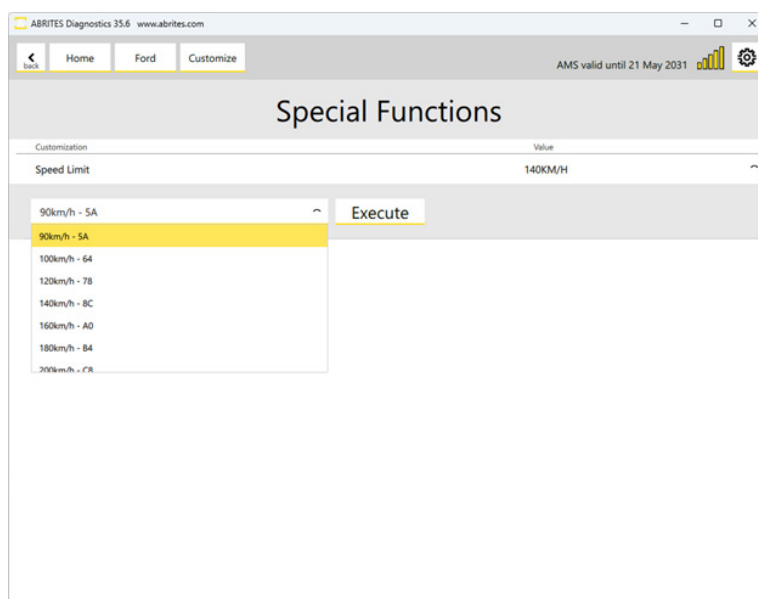
Abrites Diagnostics for Ford Online is a new platform of development, which is currently in the process of growing. On top of the diagnostic functionalities, Ford Online offers special functions. Following are the special functions currently available:

- Speed Limiter

4.1 Speed Limiter

This functionality allows you to change the preset speed limiter of the vehicle to either a higher or lower value, or to remove the speed limitation set by the manufacturer. The procedure takes up to 2 minutes to complete. Please note that this is only possible if your specific vehicle model and configuration support this functionality.

Once you choose the “Special functions” button, the current value set into the PCM will be read, and you will see a drop-down menu where you should choose the desired value you want to set:



After selecting the desired speed limit, you should click the “Execute” button to write the new value. The software will read the module, unlock it, and write the new parameter.

