

# **iCarsoft Professional Multi-system Auto Diagnostic Tool FA V2.0 for Fiat / Alfa Romeo, the Update version for iCarsoft FT II.**

iCarsoft FA V2.0 is a Professional and powerful vehicle fault diagnosis tool developed by iCarsoft Technology Inc. With a 4.0" TFT LCD and unique diagnostic software, it features full ECU diagnosis of single vehicle brand and test modes mainly include: CANBUS, ISO9141, KWP2000, and J1850 etc. It enables technicians to accurately diagnose complex problems.

## **Based on FT II, more functions are added to FA V2.0:**

ABS Bleeding

Injector Programming

Battery Voltage Test

Data Print

## **Notice:**

iCarsoft FA V2.0 scanners just work on Fiat / Alfa Romeo with OBD II protocol, if your vehicle were produced before year 2005 or after year 2017, please kindly confirm with us about the compatibility before purchasing !

If you want to test some specific functions, please also kindly confirm with us before purchasing, thank you !

## **Product Features:**

1. iCarsoft FA V2.0 can do it all-reads and clears trouble codes on most of the systems such as engine, transmission, ABS and airbag etc.
2. Applies to the single Brand of most models of Fiat / Alfa Romeo which equipped with OBDII-16 DLC
3. Support OBDII/EOBD Ten Modes of Operation
4. Full System Diagnosis
5. Read & Clear DTC
6. Read Live Data
7. **Support special functions: Oil Service Reset, EPB Reset, DPF reset, SAS Reset, ETCs reset, ABS Bleeding and Injector Programming**
8. **Support Data Review**
9. **The Print Data function allows you printing out diagnostic data recorded by the scan tool or customized test reports.**
10. **Battery test allows you getting the voltage of battery with OBD port by the scan tool when the engine starts.**
11. DTC Library to lookup when user is operating this tool.

- 12. Easy To Use With Silicone Keys
- 13. Full Speed Upgrade Via USB2.0
- 14. 4.0" TFT LCD, 480\*320 Pixels
- 15. Multi-language: English, German, Dutch, Spanish, French.

**Special functions:**

\*\*\* Varies across year and model \*\*\*

**Oil Service Reset Function**

The FA V2.0 allow you to reset OilService in a click of a button on supported vehicles. On vehicles where a manual reset is required, the tool will guide you through the full process step-by-step.

**EPB Reset Function:**

This electric parking brake (EPB) function has a multitude of uses to maintain the electronic braking system safely and effectively.

The applications include deactivating/activating the brake control system, assisting with brake fluid control, brake diagnostics, opening and closing brake pads, setting brakes after disc or pad replacement and also reading and clearing EPB/SBC trouble codes. It is also capable of retrieving Fault Codes information from the ECU.

**DPF Regeneration or Replacement**

Carry out a forced Diesel Particulate Filter (DPF) Regeneration on supported vehicles - this MUST be done by trained personnel. Required when the DPF filter blockage reaches levels where passive or active regeneration is unable to burn off the excess soot.

**SAS Reset Function**

The Steering Angle Sensor (SAS) is used to measure the angle of the steering wheel and the speed at which it is being turned. The signal is mainly used by the ABS System as part of its stability control function but also by other systems such as ride level control and adaptive lighting. A problem with the SAS Signal will cause a fault with any of the systems that use the signal directly, or indirectly.

If the Steering Angle Sensor (SAS) needs to be changed, many vehicles require the new sensor to be calibrated. The iCarsoft FA V2.0 will allow you to carry out steering angle re-calibration on supported models.

## **ETCs Reset Function**

Electronic Throttle Control system (ETC) relearns the throttle valve control value while clear or replace the throttle valve.

## **ABS Bleeding**

ABS Bleeding, release the air to restore ABS Brake sensitivity, or relearn while ABS replaced.

## **Injector Programming**

Injector coding, relearn the injector control parameter while the injector renewed or replaced.

### **SPCIFICATIONS:**

Display: 4.0" TFT LCD, 480\*320 Pixels

Operation Temperature: 0°C ~ 50°C

Storage Temperature: -20°C ~ 70°C

Operating Voltage: 9 ~ 18V

Operating Current: 150mA@12V(Typical)

Power Consumption: 1.8W(Typical)

Dimension: 206\*104.1\*32.6 mm (L x W x H)

### **CONTENTS:**

FA V2.0 Main Unit

Main Cable

Data Cable

TF Card

User Manual

Nylon carry case