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# EScan Pro

(P/N ESN2000) Patent Pending

## Get the Smart Scan Tool: Get EScan Pro

Get smart. Turn your laptop computer into a diagnostic powerhouse with the **EScan Pro** scan tool from **ATS**. This **Motor Top 20 Too**l connects to all major data protocols, including CAN.

Now you ask, “What makes our **EScan Pro** so special?” Fair question: simple answer. **EScan Pro** is the only smart scan tool of its kind. If you aren't sure what a smart scan tool is, ask yourself these questions:

- ❑ Does your scan tool have a list of special diagnostic PIDS?
- ❑ Can your scan tool calculate and display catalyst efficiency?
- ❑ Can your scan tool tell you if the air/fuel ratio is correct: if the MAF is working properly?
- ❑ Does your scan tool display fuel trim charts at different engine speeds?
- ❑ Does your scan tool calculate volumetric efficiency?

Can your scan tool translate Mode 6 data to simple English? Those other tools just suck out data and spit it raw, onto the scanner screen. They ignore valuable clues that help fix cars.That's because they just don't have **EScan Pro's** *SharpshooterTM* diagnostic tool box, an entire set of built-in assistants that search and interpret data. **EScan Pro** is like a diagnostic compass that points you in the right diagnostic direction.For your convenience, **EScan Pro** is available with corded or wireless Bluetooth interface that avoids needless cables and shop clutter.Order your **EScan Pro** and start fixing cars faster—today!

- PC Based Drivability Tool with Sharp SHOOTER™ Technology
- Connects to ISO-9141-2, KWP2000, J1850 (PWM and VPM), and CAN Bus Types
- Very Fast Auto Connect
- Easy PID Setup plus Calculated PIDs
- Digital and Slide Bar Readouts
- Powerful Graphing
- Cursor Measurements of Charted or Recorded Data
- Recording of Data and Screen Shots
- Reads and Plots Monitors
- Reads and Decodes DTCs and Pending Codes
- Resets DTCs
- Reads Freeze Frame Data
- Reads and Decodes Mode6 Data
- Reads O2 Sensor Data

- Sharp SHOOTER™ Automated Troubleshooting Actually Alerts you of Problems:
    - Bad MAF Sensors
    - Catalytic Efficiency Problems
    - Fuel Control Problems
    - Low Power Problems
    - Charging System Problems
    - Mechanical Problems
    - And much, much more!

## Interfaces to PC via USB Port or wireless Bluetooth™

- Large 1024x768 Pixel (XGA) Viewing Area with Large Colored Traces
- Data Can be Saved to Text File for Future Retrieval. Unlimited record time!
- Data Can be Saved to JPEG Image for E-mailing or Documentation
- Web Enabled for Remote Monitoring on LAN or Internet
- MultiTool Tab allows Simultaneous Viewing of EScan Data along with Data from other ATS Diagnostic Tools
- Can be used with wireless Bluetooth adapter. Specify while ordering for Bluetooth!
- USB Bluetooth adapter for computer side of wireless. Provides up to 100ft wireless connection to EScan.

## EScan Kit Includes

- OBDII interface for all major bus types: ISO-9141-2, KWP2000, J1850 (PWM and VPM), CAN
- 4' OBDII Cable. One side plugs into the OBDII connector and the other side plugs into the interface so you don't bump it with your foot.
- 6' USB Cable. One side connects to the interface and the other side plugs into the computer's USB port.

## EScan with Bluetooth Kit Includes

- Everything included in EScan Kit
- Built in Bluetooth as well as serial port for communications
- USB Bluetooth adapter for PC

## Pricing

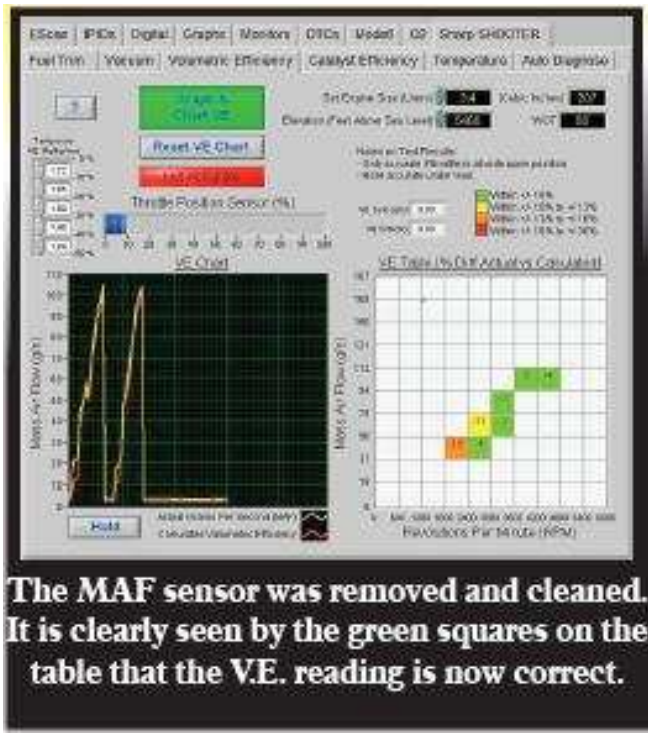
- ❑ EScan Pro, P/N ESN2000
- ❑ EScan Pro with 100m Bluetooth kit, P/N ESN2010
- ❑ EScan upgrade to 100m Bluetooth kit, P/N ESN1010

## For the EScan we recommend the following:

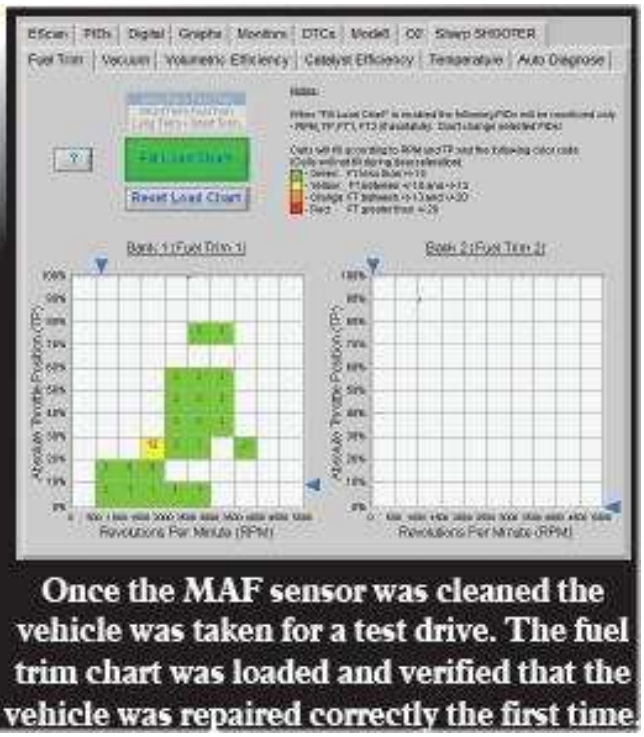
- ❑ XGA (1024x768 pixel resolution screen)
- ❑ 1 GHz Processor Speed (faster is better)
- ❑ Windows 7, Vista, XP, or 2000 Operating System
- ❑ 256 MB RAM (more is better)
- ❑ 500 MB Available Hard Disk Space
- ❑ USB 2.0 port

## Quick Example

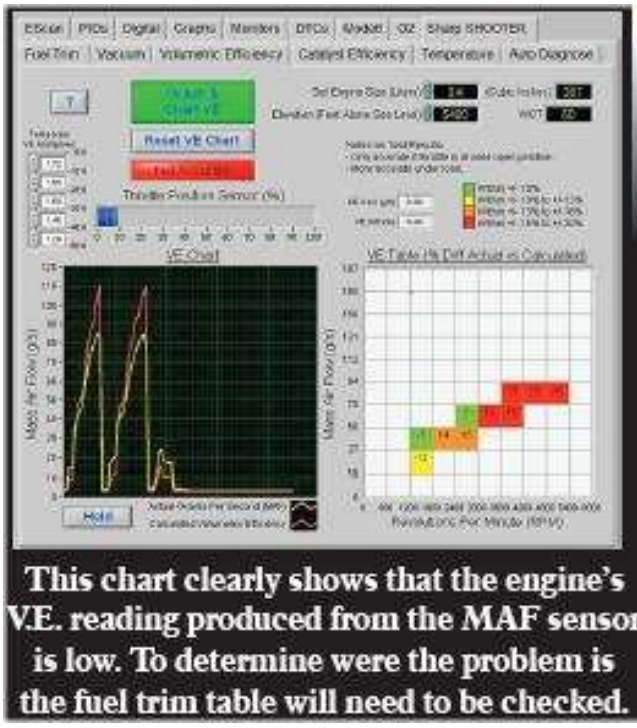
The screen shots below were taken from a vehicle that had low power and no codes were present



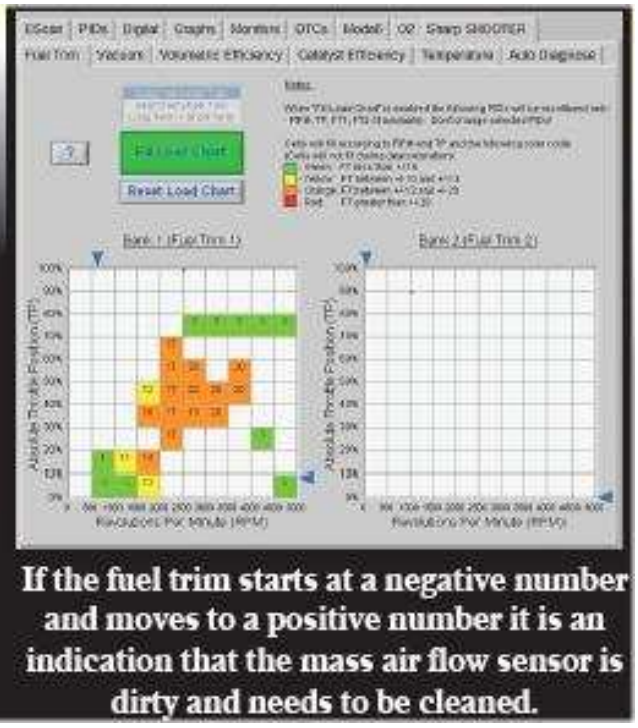
The MAF sensor was removed and cleaned. It is clearly seen by the green squares on the table that the V.E. reading is now correct.



Once the MAF sensor was cleaned the vehicle was taken for a test drive. The fuel trim chart was loaded and verified that the vehicle was repaired correctly the first time.



This chart clearly shows that the engine's V.E. reading produced from the MAF sensor is low. To determine were the problem is the fuel trim table will need to be checked.



If the fuel trim starts at a negative number and moves to a positive number it is an indication that the mass air flow sensor is dirty and needs to be cleaned.