ATEQ

Quick Reference Guide

VT30

Customer Service

1-888-621-TPMS

_1-888-621-8767_

General Description of THE ATEQ VT30

The principle of this instrument is to awaken and then retrieve data from smart valves mounted on vehicle wheels, in order to check their identifiers. The instrument interacts with the smart valves to assist technicians service Tire Pressure Monitor Systems (TPMS). VT30 is capable to trigger all known sensors in the market.
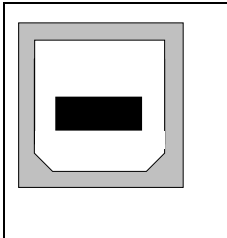
Front face

LF Antenna

Lights indicators

Keypad

LCD display
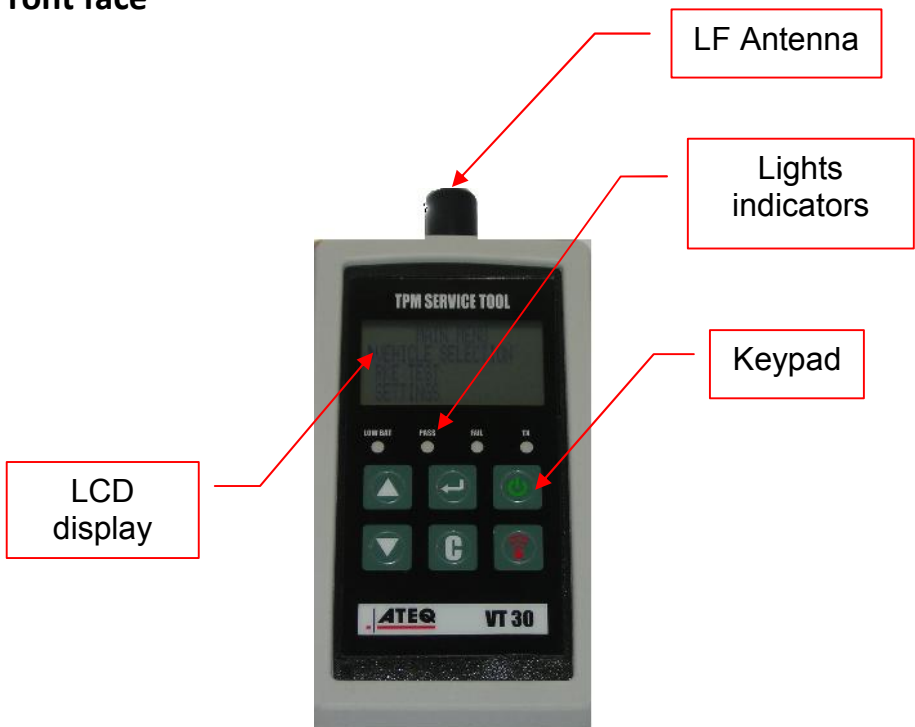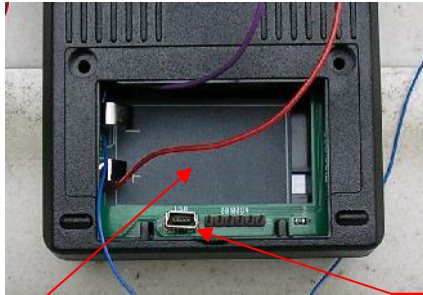
Connectors

9V DC
Battery Connection

USB Port
(Web VT)

Power Supply connector

	VT30 operates with 9V battery

USB connector

	The USB connection allows software updates to be installed onto the tool using the WEB VT program. TPM sensor results can also be printed using this program.

SECTION B - TRIGGERING SENSOR(S)

B.1 TESTING A TPM SENSOR

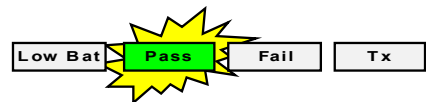|	
Step 1 – Select the "**VEHICLE SELECTION**" menu and confirm selection with the ⏎ key.	MAIN MENU >VEHICLE SELECTION RKE TEST SETTINGS
Step 2 – Select the vehicle brand on the screen by using the ⋀ or ⋁ keys and confirm selection with the ⏎ key.	SELECTION CADILLAC CHEVROLET ►CHRYSLER
Step 3 - Hold the tool within a few inches from the TPM sensor. Some sensors may require the tool position directly on the rubber tire, over the valve stem.	
Some sensors are banded to the wheel and can be located 180° opposite the valve stem. (Refer to owner's manual)	

Step 4 - Press the [TEST] key. The tool will begin to send LF trigger and the TX light will flash. Depending on the sensor, the tool will activate the sensor on the first or last step. Each step identifies the number of valve types used on the vehicle brand.

CHRYSLER
LEFT FRONT
(▲) SELECT TIRE
(C) RETURN TO MENU
(TEST) READ SENSOR

CHRYSLER
LEFT FRONT
STEP: 1 of 3
[C] : STOP
TRIGGER PROCESSING

Low Bat	Pass	Fail	Tx

Step 5 – The tool will vibrate/beep after receiving the sensor information. The tool will display the sensor ID, pressure, and sensor state of the valve that is triggered. If the tool does not receive the correct information, the fail LED will illuminate and you can restart the trigger sequence by pressing the [TEST] key again.

VEHICLE
LEFT FRONT
8403 1C3F   32.24 PSI
78°F   1.0g
BAT OK   315 MHz
(C) MENU
(T) START   (←) NEXT

Low Bat	Pass	Fail	Tx

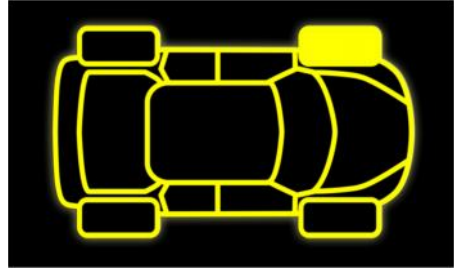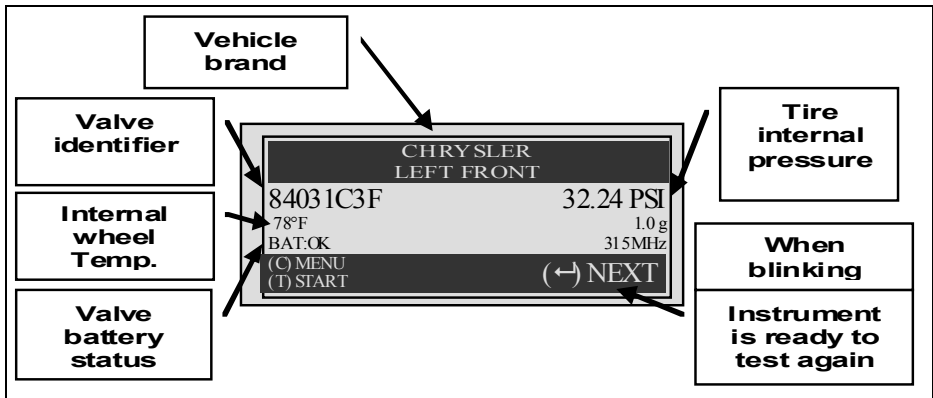| **Step 6**- Follow the same procedure for the rest of the three or four wheels by pressing the ⏎ key and then 🔊TEST key. (Refer to vehicle owners manual or other reference guides for TPM reset procedure.)	

B.2 RESULTS DESCRIPTION

The picture below is an example of a valve data communication result:

Note: The VT30 will identify the sensor information that is transmitted.   Not all sensors transmit every piece of information shown. *

Section C – Installing USB Drivers

1) Please insert the CD that was provided with the VT30.
2) Connect the USB wire to the USB connector of your PC and VT30. Then turn on the instrument.
3) The following window will appear. Click the "Cancel" button in the bottom right corner of the screen.

4) In the CD drive, open the file "ATEQ USB Driver for VT30".

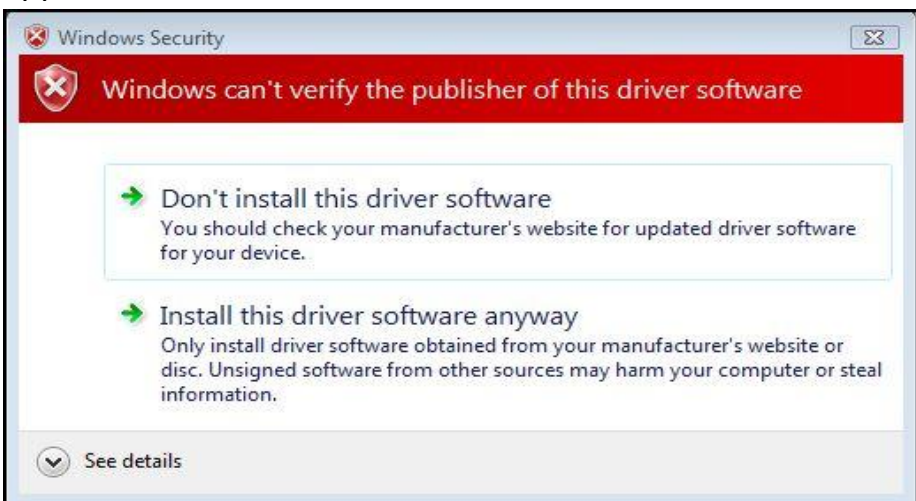5) The following screen will appear. Depending on your operating system, open the file for "XP" or "VISTA".

6) Using "VISTA" file as an example, the following window may appear. Select "Allow".
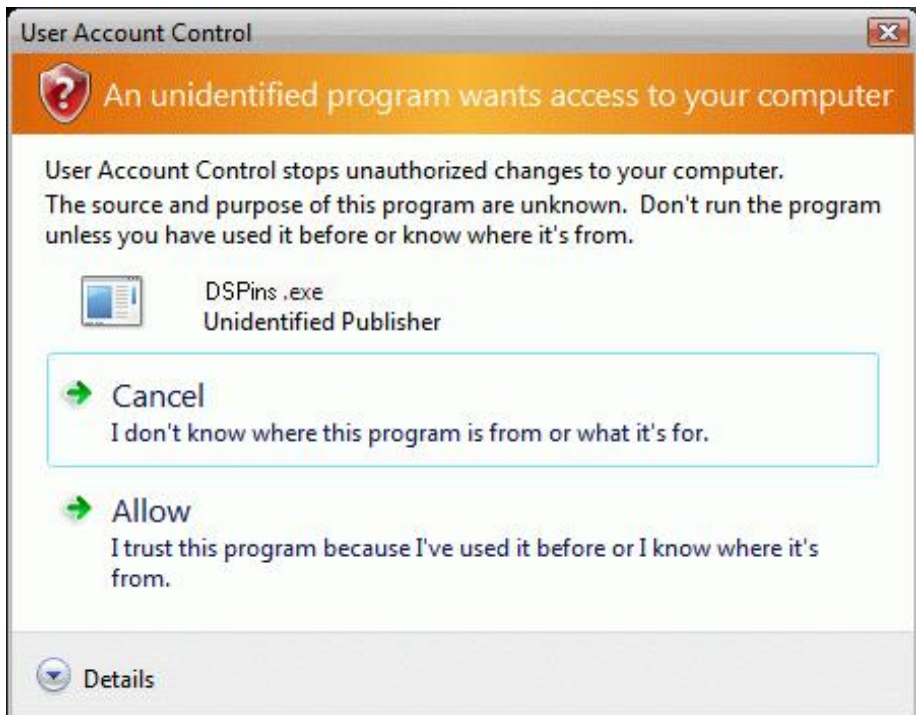
7) The following window will appear, make sure your tool is turned on and connected to the USB port. Click "next >" to continue and complete installing the driver.

8) Click "Install driver software anyway twice" if this appears.

9) When the drivers are successfully installed, the following window will appear. Click "Finish".

Serial emulation port Installer for VISTA Ver:1.00

Congratulations! You are finished installing driver.

The drivers were successfully installed on this computer.

You can now connect your device to this computer. If your device came with instructions, please read them first.

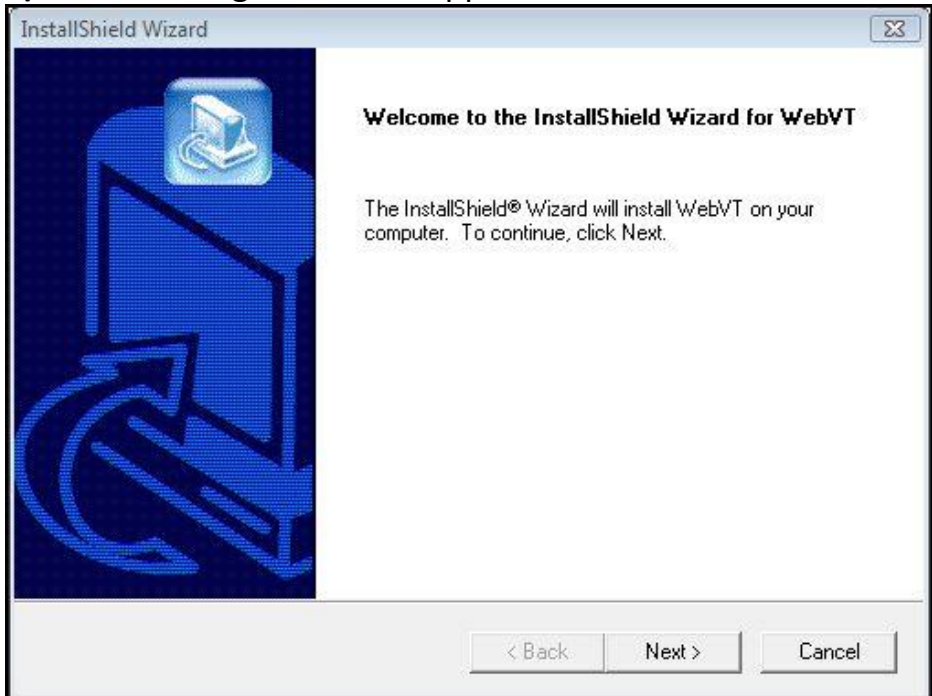| Driver Name	Status
✓ ATEQ S.A (usbser) Ports ...	Ready to use

< Back   Finish   Cancel

**Note: Please refer to the user manual on CD for detailed instruction when using Windows XP. There are additional instructions if you are trying to use the RJ45 port with RS232 connection.

Section D – Installing WEB VT Software

1) Insert the CD, supplied with instrument, into the PC drive and click on the WebVT icon to start the program.

WebVT_VT55_V3.1
ATEQ

2) The following screen will appear. Click "Next>"

InstallShield Wizard

Welcome to the InstallShield Wizard for WebVT

The InstallShield® Wizard will install WebVT on your computer. To continue, click Next.

< Back   Next >   Cancel

3) The following window will appear, please select the location you would like to save the program. Click "Next>".
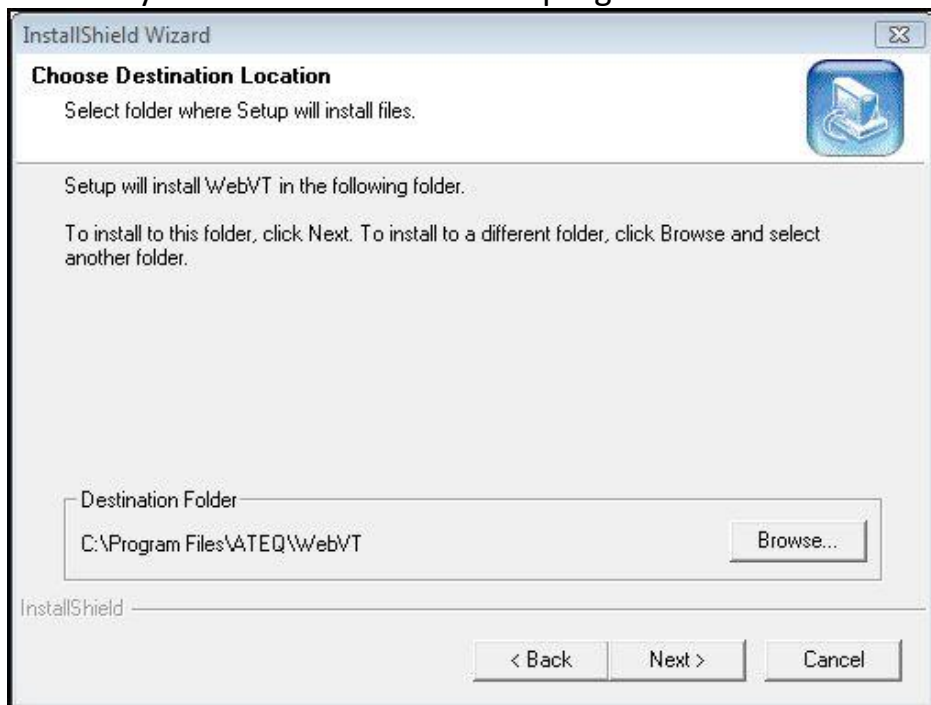
4) Click "Yes" when this window appears.
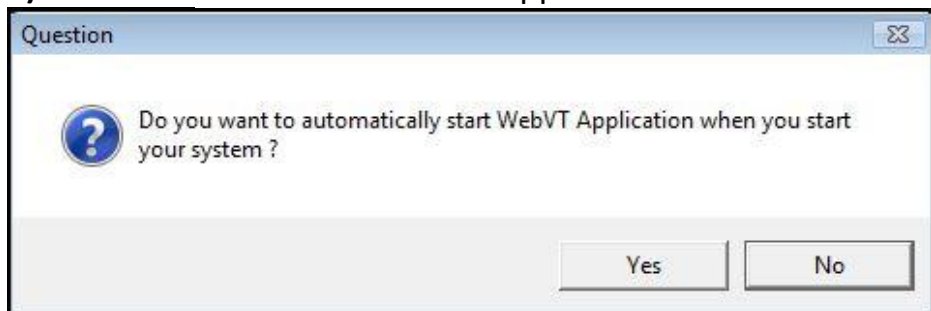
5) Click "Finish" when the WebVT installation is complete.

Section E – Updating VT30 / Printing Results

1) Connect the USB cable from the VT30 to the PC. Click on the WEB VT Icon to start the program.

2) The following screen appears. You may "Update Device" or print "Valve ID's" from here as well.

3) Press "Yes" to update to the latest software version. Update will take several minutes to complete and the status bar will indicate the percentage of update completed.

4) When the update is complete, disconnect the VT55 USB cable and close the program.

> **Note: You must have an internet connection to update the VT30 with WEB VT software.

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