ATEQ Quickset

Version 1.0

www.tpms-tool.com

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1 LEGAL NOTICE

1.1 Copyright

1.2 Disclaimer

All information, illustrations, and specifications contained in this technical instruction manual are based on the latest information available at the time of publication.

The right is reserved to make changes at any time without an obligation to notify any person or organization of such revisions or changes.

Furthermore, ATEQ shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

2 INTRODUCTION

Congratulations on the purchase of your ATEQ Quickset tool. This is a valuable tool that will help you to reset the Tire Pressure Monitoring System (TPMS) through the OBDII connection when replacing sensors, rotating tire sets as well as swapping tire sets on your vehicle.

The PC-based software provides easy to follow and step-by-step instructions for you to reset the TPMS in your vehicle without the need of an expensive “professional” perform the same function.

! Note: The ATEQ Quickset allows you to reset the TPMS warning light on your dashboard ONLY when the following conditions are met:

- Vehicle must be equipped with Direct Tire Pressure Monitoring System (Direct TPMS)
- **CORRECT** TPM sensors MUST be installed in all 4 or 5 tires as required by the vehicle Manufacturer.
- The TPM sensors in the tires are working properly
- The new TPM sensor(s) must be activated before using Quickset
- The TPMS ECU is working properly
- All 4 or 5 tires are properly inflated according to the specified place card value
- Correct TPMS sensor ID numbers are entered into the ATEQ Quickset software before loading them to the vehicle ECU through the OBDII connector

If you have any questions or concerns with regards to conditions specified, please contact your dealer or sensor supplier to obtain the proper information, or email to **tpms@atequsa.com** for further assistance.

3 MAIN FEATURES

The ATEQ Quickset is the Do-It-Yourself tool that allows vehicle owners to re-program the Tire Pressure Monitor System with the following features:

FEATURES	DESCRIPTION
Compatible with future applications.	Upgrade thru internet
Retrieve TPM sensor ID stored in ECU	Records for future maintenance
ECU reprogramming extension cable	Convenient for hard-to-find OBDII location
Easy, Step-By-Step instructions	No manual is required during operation
SWAP TIRE function	Records sensor location after rotating tires
LOAD OLD SET	Retrieves previous saved information when swapping tire set

4 COMPANY PROFILE

ATEQ is the first company in the world serving a full range of TPMS instruments from assembly lines to individual car owners. With its experience being a supplier to the OE automobile industry, repair stations and OE sensor manufacturers, it is our promise to provide our customers the best service when it comes to Tire Pressure Monitoring System.

For more information, please visit our website:

www.tpms-tool.com

or contact us by email at:

tpms@atequsa.com.

5 PACKAGE CONTENTS AND PC SYSTEM REQUIREMENTS

5.1 Package Contents

- Installation CD
- Quickset tool
- USB 2.0 cable
- OBDII extension cable

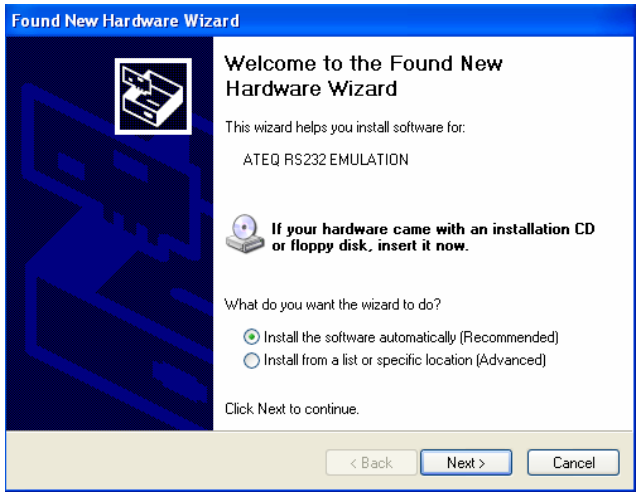
5.2 PC System Requirements

The recommended system configuration for installing and running ATEQ Quickset on a PC are:

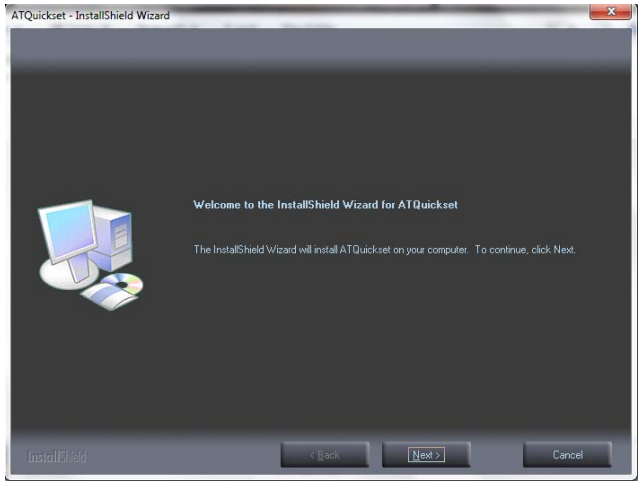
- Operating System: Windows XP, Windows Vista or Windows 7. (Not Mac compatible)
- Processor: Pentium ≥ 333 MHz or faster.
- RAM: 512 MB or above.
- Hard disk space: ≥ 30 MB.
- USB port: USB 2.0 is required.

6 SOFTWARE INSTALLATION

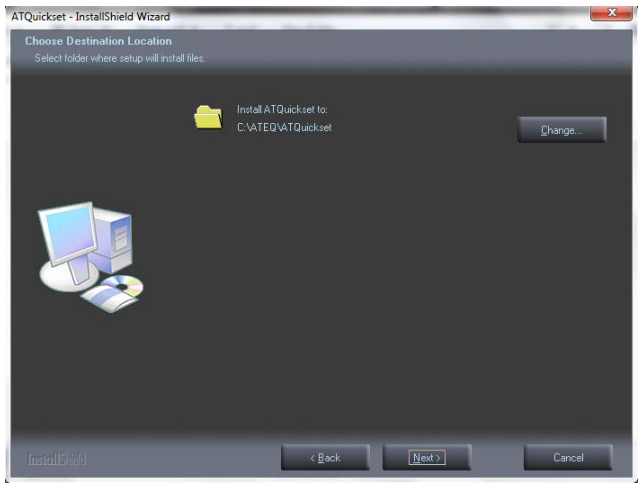
1. Connect Quickset tool to the PC via the USB cable found in the package. If connected properly, you will see a blinking green light on the tool.
2. If you see a prompt from the Microsoft "**Found New Hardware Wizard**" similar to the one below, click "**Cancel**".



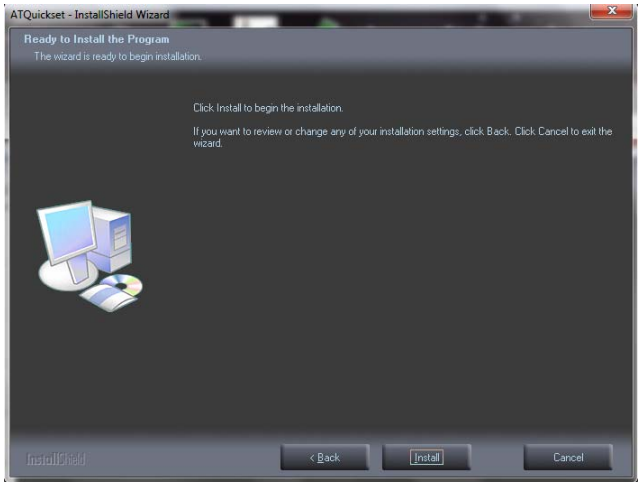
3. Insert the Installation CD into the drive on the PC.
4. You will see the following screen. Click "**Next >**".



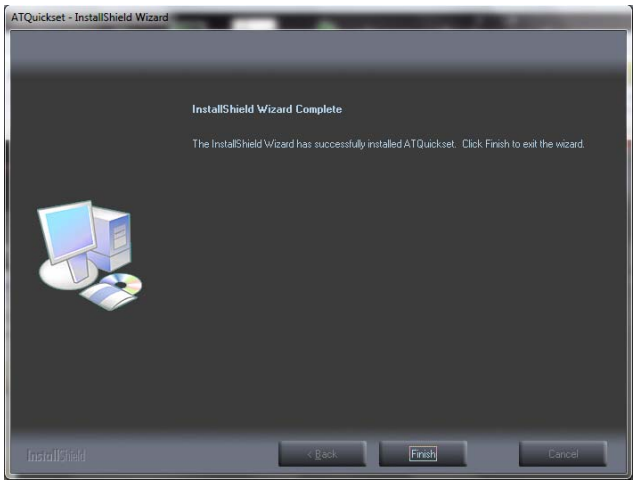
5. Click "**Next >**" to install the software in this location or click "Change" to select a different one.



6. Click “**Next >**” to begin installation.

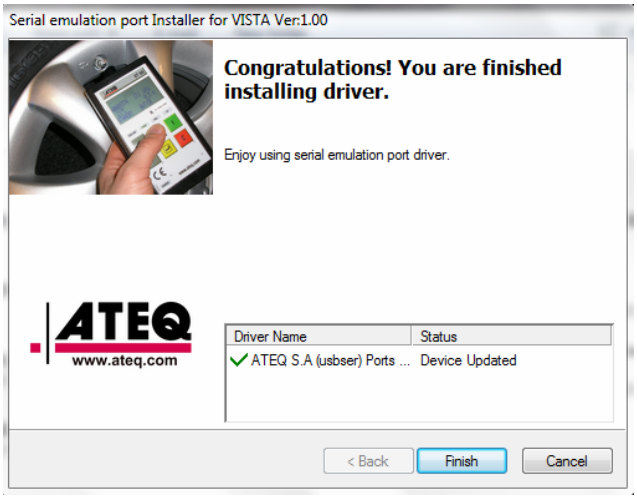


7. Installation is complete. Click “**Finish**” to exit the Install Wizard.



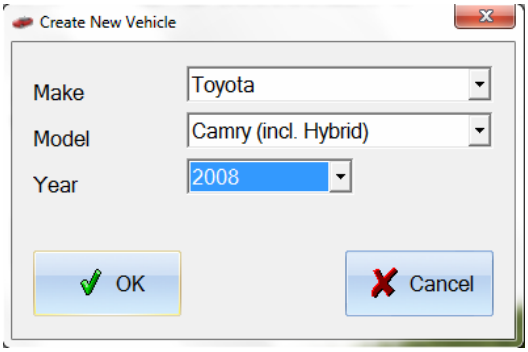
8. Be sure that tool is still plugged into the USB port and click “**Next >**” to begin driver installation.

9. Driver installation is complete. Click "**Finish**" to exit.

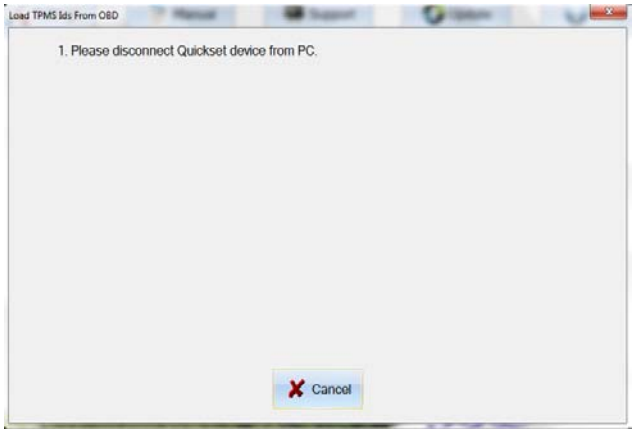


7 CREATING A NEW VEHICLE

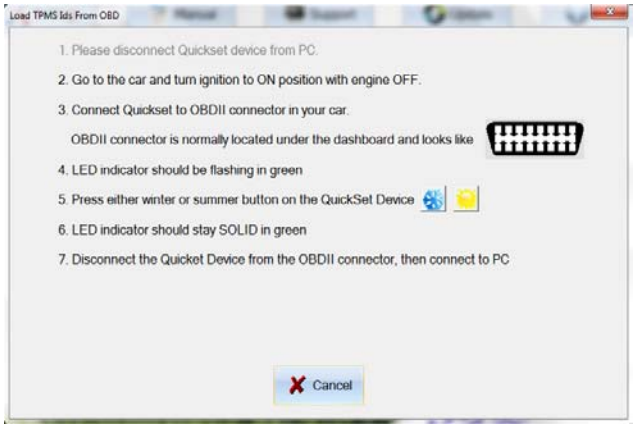
1. Click on the New Vehicle 1 tab from the home page. Select the "**Year**", "**Make**" and "**Model**" of your vehicle and click "**OK**".



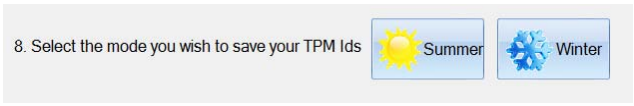
2. You will be prompted to disconnect the Quickset tool from your PC in order to download the sensor ID's from the vehicle's ECU. Disconnect the tool or click "**Cancel**" to go to the vehicle main page.



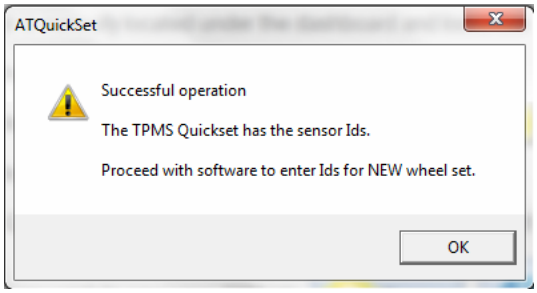
3. After disconnecting the tool, follow the on-screen instructions to download the sensor ID's from the vehicle's ECU to the Quickset tool. Use the OBD extension cable to assist in connecting the tool to the OBDII connection in the vehicle.



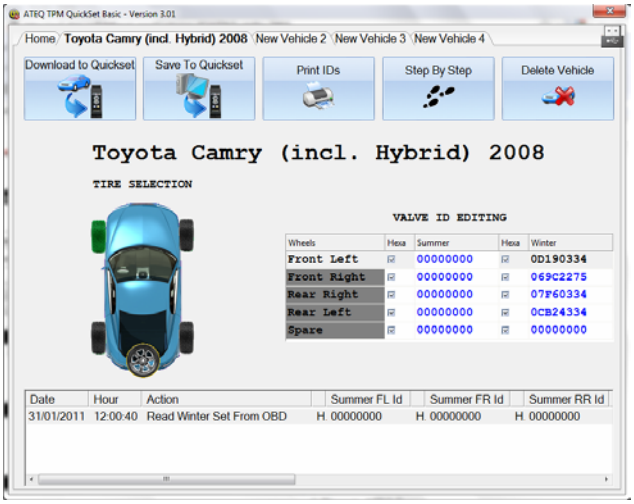
4. After re-connecting the Quickset tool to the PC, select either the "**Summer**" or "**Winter**" icon depending on which set of wheel are currently on the vehicle.

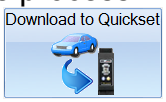


5. Click “**OK**” to proceed.



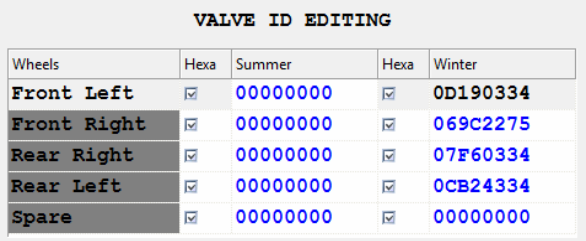
6. Your "**Winter**" or "**Summer**" ID’s are now stored in the software in Hex format.



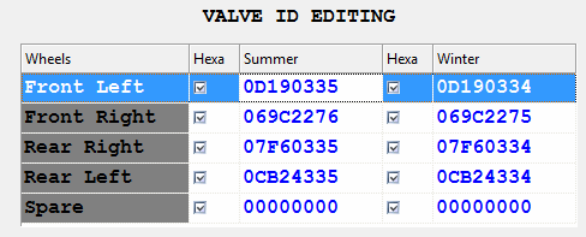
7. This process may be repeated at any time, for any reason by simply clicking on the  icon.

8 LOADING NEW SENSOR ID'S TO VEHICLE

1. You must manually enter your new sensor ID's (provided by your sensor supplier) into the provided space on the vehicle page. In this case, we will enter our new Summer ID's since we have already downloaded with Winter ID's from the vehicle's ECU:



2. You should now have two sets of sensor ID's.

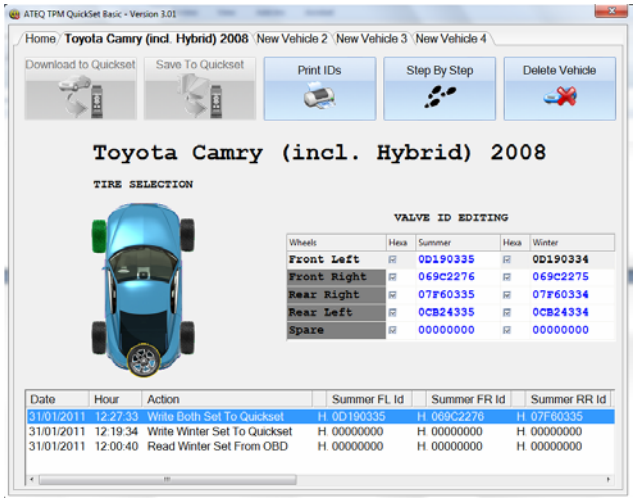


3. To begin loading the new sensor ID's to the vehicle's ECU, click on the 

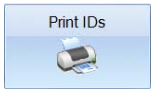
icon.

4. Follow the on-screen instructions. In this case, we will press the  icon since we are loading the Summer ID's to the vehicle's ECU.
5. Click "**OK**" when finished.

6. Your Summer and Winter sensor ID's are now stored for this vehicle. There is also a Log summary located at bottom of the Vehicle main page.

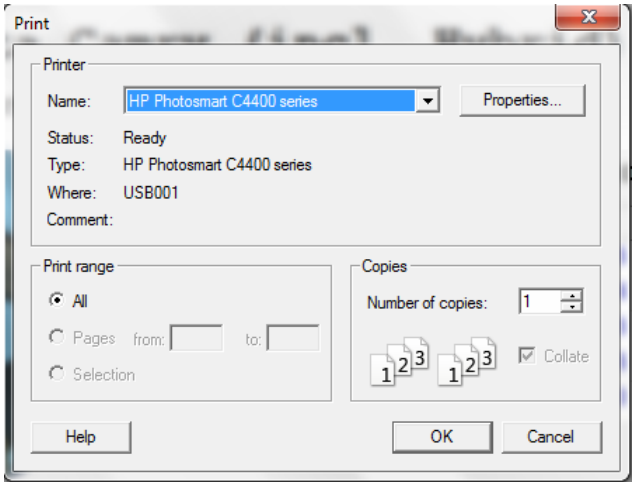


9 PRINTING ID'S

1. It is recommended to print a copy of your sensor ID's for future reference in case something were to happen with the Quickset device and/or software. You can do this by simply clicking on the 

icon.

2. Select the correct printer, choose "**Landscape**" in the printer "**Properties**" and click "**OK**".



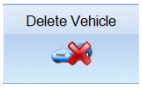
10 STEP-BY-STEP

1. In order to access the Easy to Follow, Step-By-Step instructions on using your Quickset device, you must make sure that you have a PDF reader installed on your PC. To download a free version, go to **http://get.adobe.com/reader/**.

2. Click on the 

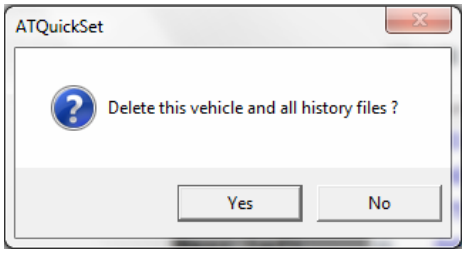
icon.

11 DELETE VEHICLE

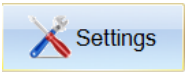
1. If you need to delete a vehicle for any reason, simply click on the 

icon.

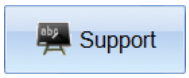
2. Click "**Yes**" to proceed or "**No**" to cancel the process.



12 SOFTWARE OPTIONS AND FEATURES

1. Many of the software features and option are accessible through the Home Page.
2. The 

icon allows you to activate or de-activate the Automatic Update feature. If activated, your software will automatically update itself to the latest version when launched.
3. The 

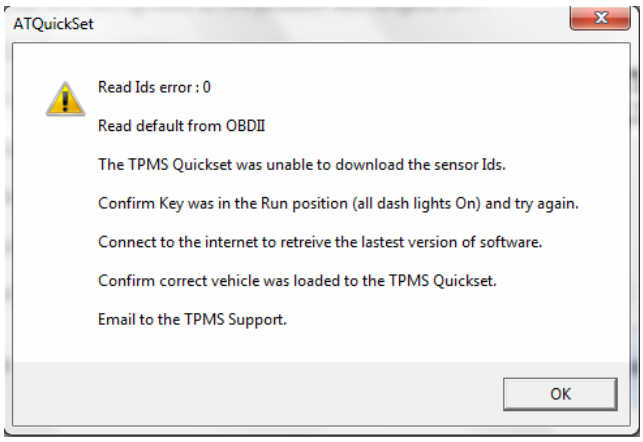
icon allows you to update to the latest software and firmware versions. This feature is useful if you have chosen not to use the Automatic Update feature discussed in the previous step.
4. The 

icon will provide you with the contact information for our Customer Support team.
5. The 

icon provides you with the following information: Program Version, Quickset Firmware, Quickset Serial Number and Database Version. This information will be helpful when troubleshooting with a Customer Service Representative.

13 ERROR MESSAGES

In the event that there was an error in the process of uploading or downloading the senor ID numbers, you will see an error message like the one below in the Quickset software.



- **Error 0** = Error reading sensor ID's from vehicle.
- **Error 1** = Success.
- **Error 2** = 12 volt error. Battery voltage on the vehicle is low or non-existent.
- **Error 3** = Error writing sensor ID's to the vehicle.
- **Error 4** = Verification error.

14 TROUBLESHOOTING

Software and Driver Installation: Error Message: ATEQ RS232 Emulation.

Solution:

1. Make sure that tool is connected to PC while installing the Drivers.
2. Visit http://www.tpms-tool.com/TPMS-tool-Support-EmergencyHelp.php, click on "TPM QuickSet /PC Driver" bracket to install the proper driver. Select from XP/Vista/W7 32 bit or 64 bit, or
3. Uninstall the software completely and reinstall again.

Tool Operation:

1. Connects TPM Quickset to DLC on the vehicle: LED light on the device turns to solid red from flashing green.

Error: No ECU Communication:

Solution:

a. Check ignition: Must be in "ON" position without starting engine.

b. Check vehicle battery level. Low battery status may cause communication error.

c. Check Quickset Application Chart and make sure vehicle is on the supported list.

2. Successfully downloaded sensor ID info from ECU, but could not upload new ID to ECU:

Error: ECU rejects sensor ID – some aftermarket sensors use ID ranges that are incompatible with the vehicle ECU.

Solution:

a. Replace sensor with OEM sensor or use aftermarket sensor having correct ID range.

Error: ECU communication.

Solution:

a. Check ignition: Must be in “ON” position without starting engine.
b. Check vehicle battery level. Low battery status may cause communication error.
c. Email to tpms@atequsa.com

3. Successfully downloaded and uploaded sensor ID info to and from ECU, but TPMS warning light on instrument panel keeps blinking.
   a. Check sensor ID numbers entered. Make sure there was no typing error. Check the spare tire if required.
   b. Contact sensor supplier or use a scan tool to make sure sensor ID numbers are correctly entered. Check the spare tire if required.
   c. Sensor(s) may not be activated: Contact sensor supplier or use a scan tool to activate new sensor(s). Check the spare tire if required.
   d. Sensor(s) may be defective: Visit service provider or use a scan tool to check the sensor status. Check the spare tire if required.
   e. Check the tire pressure by certified tire pressure filling gauge. Check the spare tire if required.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