

**SC-17-05-30****MODEL: Karma Revero****First Published: November 2017****Revised: August 2018****TITLE: TPMS TOOL USE**

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APPLICABILITY: MY17 and MY18 Revero

MARKET REGION: North America

**PURPOSE:** This document will be used as a reference guide for technicians on how to set up and use the special service TPMS tool. This is used to locate and learn the Sensor IDs at each wheel. This can be done independently of Karma Sync.

This revision updates the latest firmware version available DA1-26-20.

**Tools Required:**

- C161102100500 - ATEQ VT56
- The included OBDII interface module and LAN cable to connect to the hand-held tool
- Tire pressure gauge



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1. Review the tire placard (fig. 1a) for the correct inflation pressures (fig 1b , Item 1 on driver door b-pillar)

- Verify the current pressures and adjust to specification with a suitable tire gauge (fig 1c)

TIRE AND LOADING INFORMATION RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT			
SEATING CAPACITY NOMBRE DE PLACES		TOTAL 4	FRONT AVANT 2 REAR ARRIERE 2
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED 300 KG OR 660 LBS. LE POIDS TOTAL DES OCCUPANTS ET DU CHARGEMENT NE DOIT JAMAIS DEPASSER 300 KG OU 660 LB.			
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS A FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION VOIR LE MANUAL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS
FRONT / AVANT	255 / 35 R22	40 PSI / 275 kPa	
REAR / ARRIERE	285 / 35 R22	36 PSI / 248 kPa	
FRONT / AVANT	245 / 40 R21	35 PSI / 241 kPa	
REAR / ARRIERE	265 / 40 R21	38 PSI / 262 kPa	
SPARE / DE SECOURS		NONE / AUCUN	

fig 1a

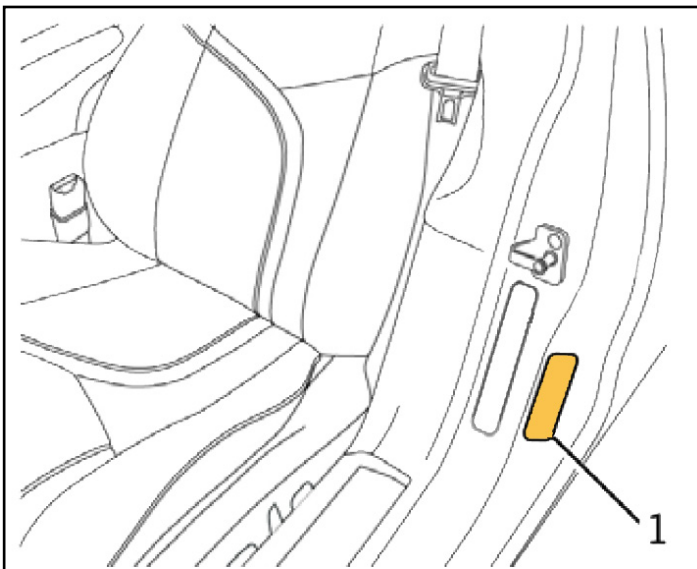


fig 1b



fig 1c

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2. Power on the ATEQ VT56 use the red button below.(fig 2)
- Ensure settings are correct before starting learn procedure
  - Access the settings by pressing the “C” button on the tool
  - Select “Sensor” menu and press “OK” button on tool

**fig 2**

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3. In the “Sensor” menu select “manual” and press “OK” (fig 3a)

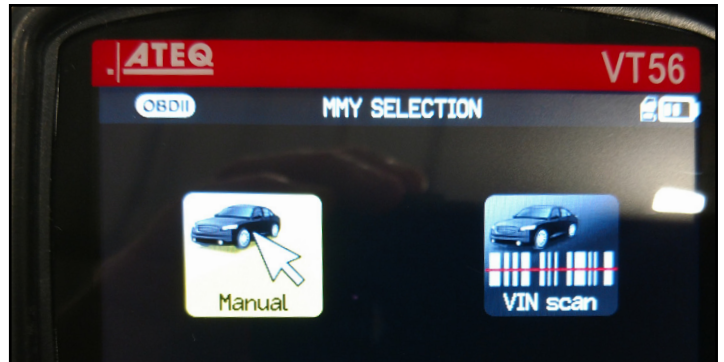


fig 3a

- Set this to “Karma” -press OK (fig 3b, 3c, 3d)

- select Revero, then select 2017

Note: 2018 option is not currently set, however it does use the same hardware for TPMS, the 2017 option will function as normal.



fig 3b

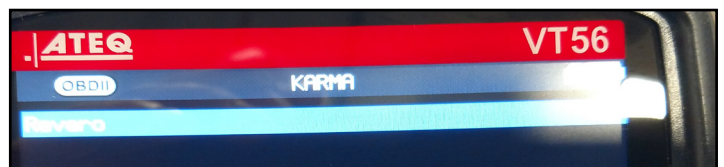


fig 3c

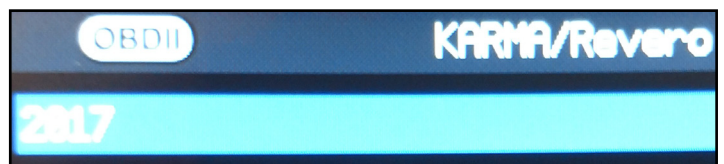


fig 3d

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When adding sensors, or installing new tires, take a screen shot of pre-programmed TPMS IDs with Karma Sync prior to the new fitting.

Once all Sensors are learned as shown with the ATEQ tool in this bulletin, confirm which tire the IDs are located as they may differ than previous screen capture noted sensor ID.

Tire pressure monitor sensor IDs are permanently assigned to each sensor, but when swapping tires, technician should notice that IDs may have changed location as well. Noting the sensor ID position relative to before any tire or TPMS exchange will show the tool and set up has functioned correctly.

8. Begin procedure at LF (left front) tire valve stem (fig 4a)

- Press green trigger button to activate sensor and again to begin
- The TPMS tool will emit an audible beep and vibrate when sensor is activated
- Continue procedure to RF, RR and LR wheels



fig 4a

The tool lists the order of sensors to be scanned.

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- The tool picks up the sensor signals from the *tire* side. Make sure the tool is on the tire for best reception as shown (fig 5a - 5c)
- This will also take sensor out of shipping mode automatically, if pointed correctly at sensor. This applies to new sensors.

**NOTE:** The antenna is located on the left hand side above the “ATEQ” side of the red label area. It must closely point to the sensor so the tool can more easily read the sensor.



fig 5a



fig 5b

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- When all 4 sensors are correctly read out the ID, tire pressure, frequency, degrees Fahrenheit and sensor battery status will be displayed (fig 5c)



fig 5c

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9. Prepare ATEQ OBDII interface with LAN cable (fig 6a)



fig 6a

- Connect interface to bottom of ATEQ VT56 at LAN interface port on bottom of tool (fig 6b)



fig 6b

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10. Follow the prompts. (fig. 7a) press "OK" after the tool successfully connects



fig 7a

- Have the vehicle fully asleep before connection
- Connect OBDII interface to OBDII port (fig 7b)



fig 7b

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- Place vehicle into Ready mode (fig 7c)



fig 7c

- A successful connection to the vehicle will show the indicated graphic on the tool. (fig. 7d)



fig 7d

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11. Use the arrow keys to highlight the OBDII connector icon, and press “OK” to select (fig 8)



fig 8

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12. ECU relearn will prompt "ECU Relearn"

- Select Green checkmark and press "OK" (fig 9a)
- It will display "Successful Transfer"  
There is no second prompt to press "OK," however, press "OK"



fig 9a

- Data will transfer successfully- a message will be displayed (fig 9b)

- TPMS learn procedure now complete

Firmware for the ATEQ tools is found on the WebVT portal.

You will need to install the WebVT software on a PC or your service lap top. Connect the tools and update them.

WebVT is available for download here:  
[https://www.ateq-tpms.com/wp-content/uploads/2016/09/WebVT\\_V8004.zip](https://www.ateq-tpms.com/wp-content/uploads/2016/09/WebVT_V8004.zip)

If further assistance is required with the update please contact ATEQ customer support department @ 1-888-621-TPMS (8767)



fig 9b

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The firmware will displayed in the “About” page of the tool menus (fig. 10).

The software version, DA1-26-20 should be displayed to function properly with the Karma Revero.

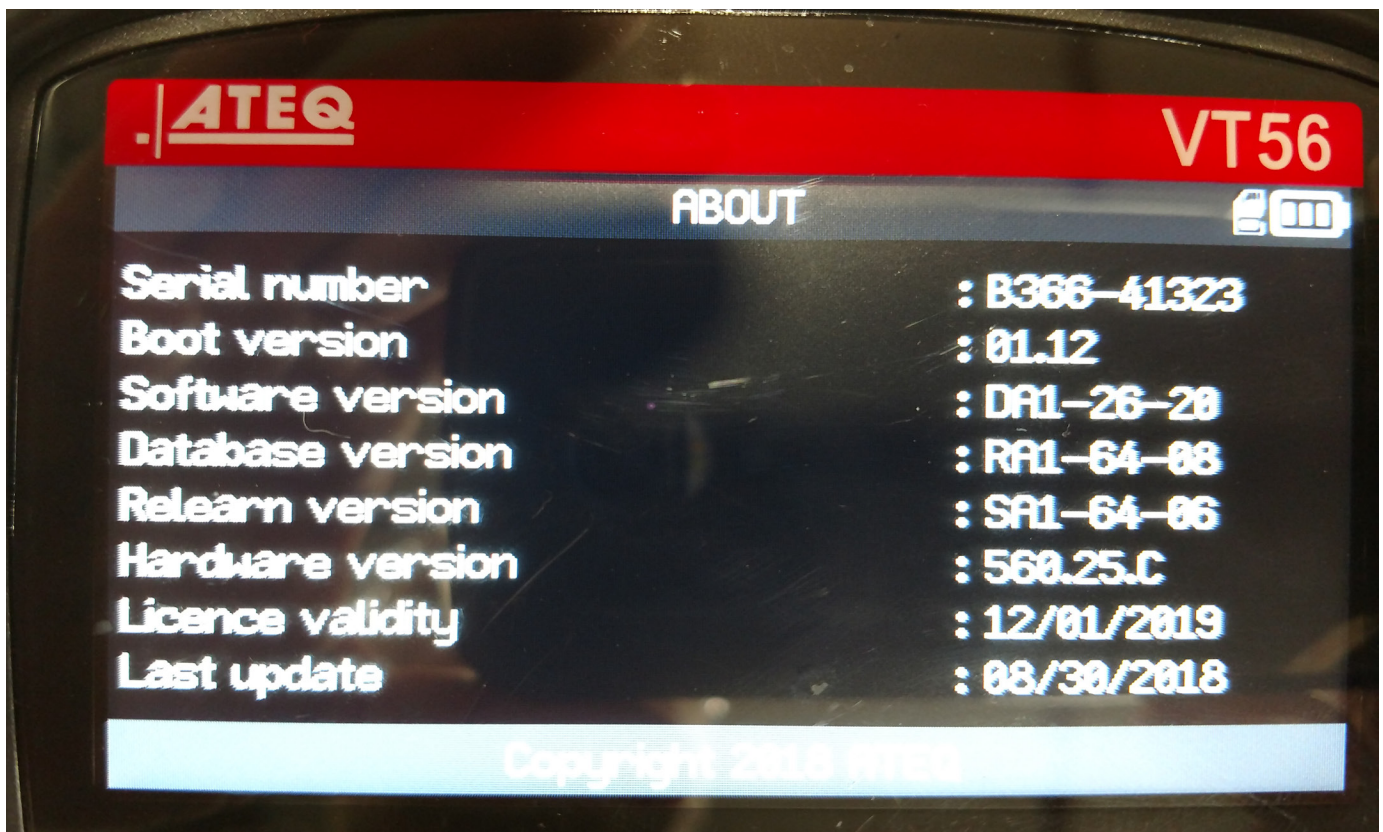


fig. 10

Any tire pressure monitor sensor claims are submitted as per normal warranty. Ensure you perform a test drive (about 20 minutes) to confirm the sensors are learned.

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