Service Communication

SC-17-05-30

MODEL: Karma Revero **Revised: January 2018**

TITLE: TPMS TOOL USE

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.

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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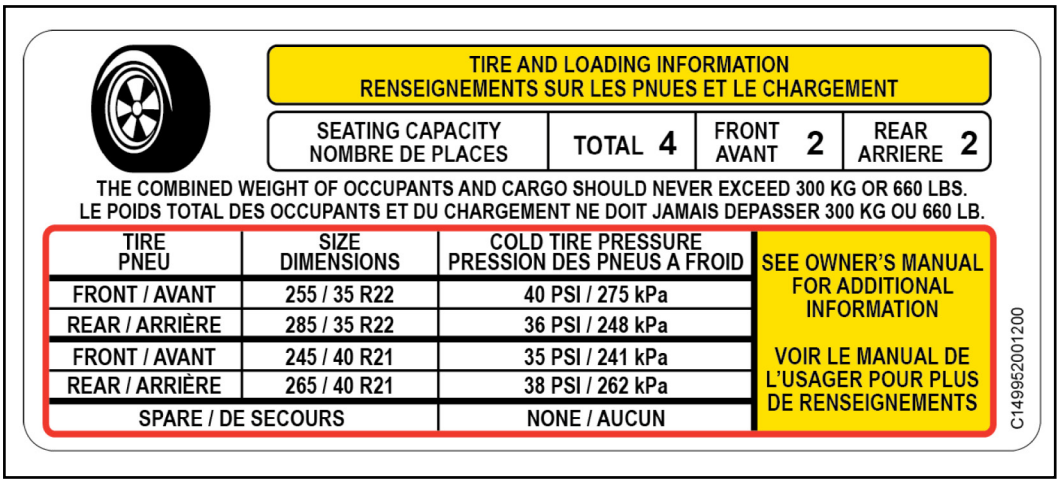
1. Review the tire placard (fig. 1a)for the correct inflation pressures (fig1b , Item 1 on driver door b-pillar)

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



TIRE AND LOADING INFORMATION
RENSEIGNEMENTS SUR LES PNUES 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
FRONT / AVANT	255 / 35 R22	40 PSI / 275 kPa
REAR / ARRIÈRE	285 / 35 R22	36 PSI / 248 kPa
FRONT / AVANT	245 / 40 R21	35 PSI / 241 kPa
REAR / ARRIÈRE	265 / 40 R21	38 PSI / 262 kPa
SPARE / DE SECOURS		NONE / AUCUN

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

VOIR LE MANUAL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS

C149952001200

fig 1a

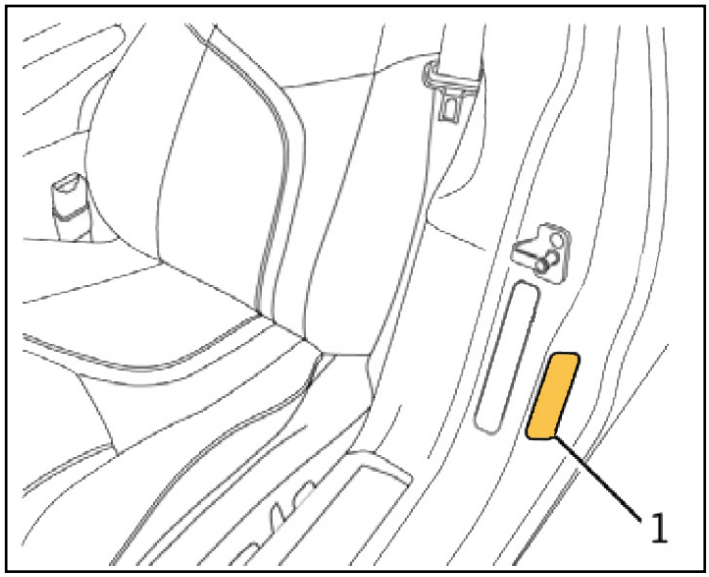


fig 1b

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)

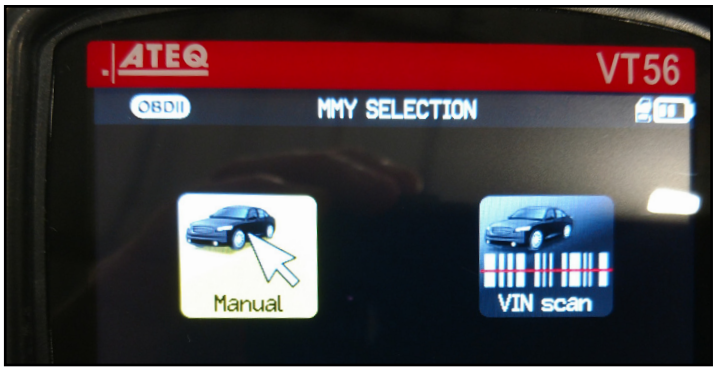

fig 3a

- 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

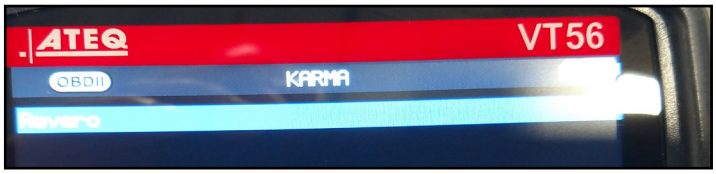

fig 3c

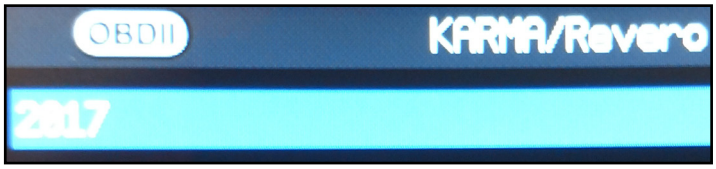

fig 3d

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8. Begin procedure at LF (left front) tire valve stem (fig 7a)

- 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 7a

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 8a - 8c)

fig 8a

fig 8b

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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 8c)

fig 8c

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

fig 9a

- Connect interface to bottom of ATEQ VT56 at LAN interface port on bottom of tool (fig 9b)

fig 9b

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10. Follow the prompts. (fig. 10a) press “OK” after the tool successfully connects

fig 10a

- Have the vehicle fully asleep before connection

- Connect OBDII interface to OBDII port (fig 10b)

fig 10b

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- Place vehicle into Ready mode (fig 10c)

fig 10c

- A successful connection to the vehicle will show the indicated graphic on the tool. (fig. 10d)

fig 10d

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

fig 11

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12. ECU relearn will prompt “ECU Relearn”

- Select Green checkmark and press “OK” (fig 12a)

- It will display “Successful Transfer”
  There is no second prompt to press “OK,”
  however, press “OK”

fig 12a

- Data will transfer successfully- a message will be displayed (fig 12b)

- TPMS learn procedure now complete

fig 12b

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

You will need to install the WebVT software or 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

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

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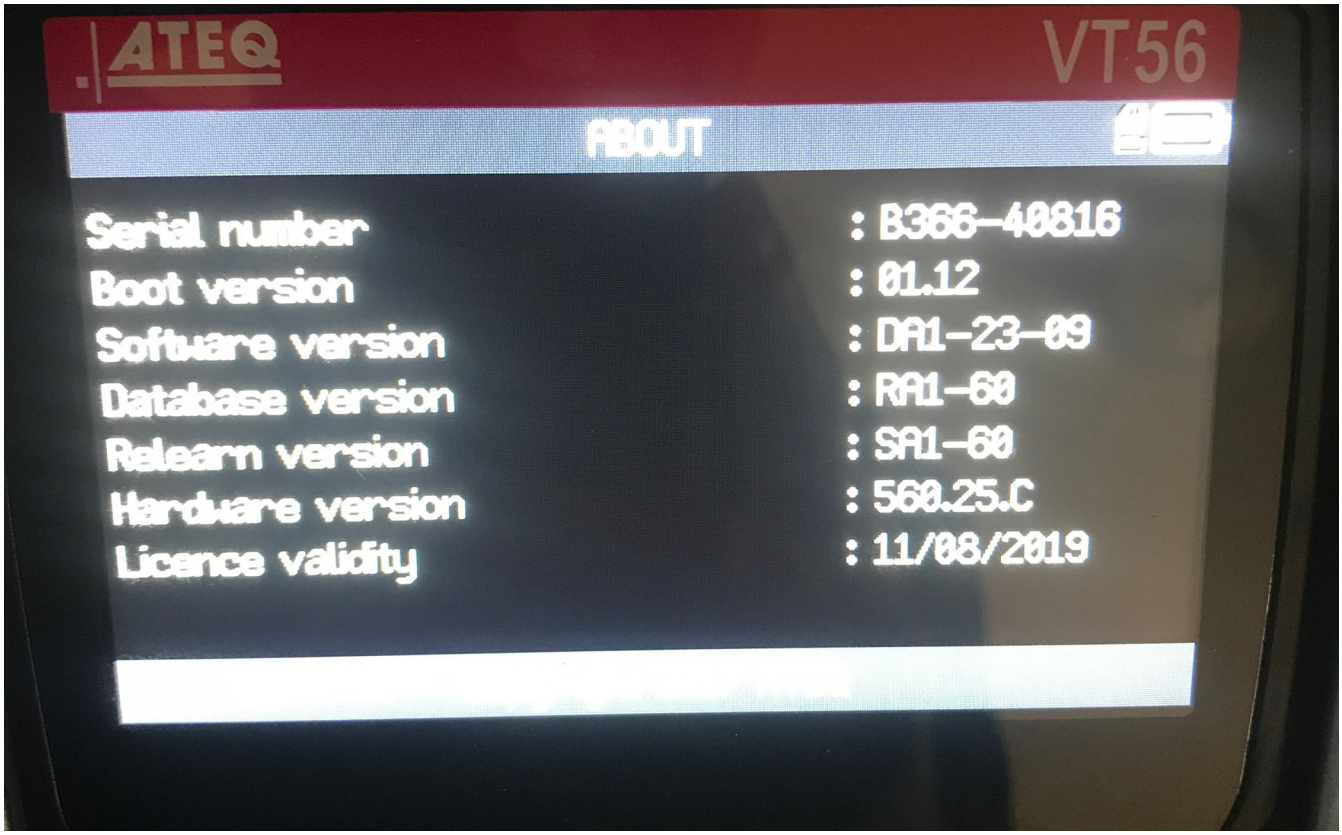
The firmware will displayed in the “About” page of the tool menus.

The software version, DA1-23-09 should be displayed to funciton properly with the Karma Revero.



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