

**MODEL: Karma Revero****DATE: September 2017****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.

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 PNEUS ET LE CHARGEMENT			
SEATING CAPACITY NOMBRE DE PLACES		TOTAL 4	FRONT AVANT 2 REAR ARRIÈRE 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 DÉPASSER 300 KG OU 660 LB.			
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS À FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION VOIR LE MANUAL DU CONDUCTEUR POUR PLUS DE RENSEIGNEMENTS
FRONT/AVANT	P255 / 35R22	40 PSI / 275 kPa	
REAR/ARRIÈRE	P285 / 35R22	36 PSI / 248 kPa	
SPARE/DE SECOURS		NONE / AUCUN	

C149952010302

fig 1a

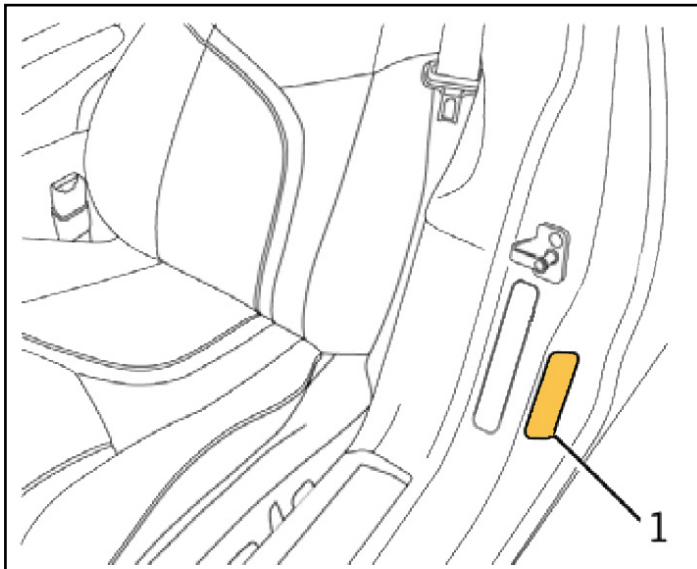


fig 1b



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 "sensor" and press "OK" (fig 3a)



fig 3a

- Set this to "TG1C Karma" -press OK (fig 3b)
- Press "C" button to return to settings menu

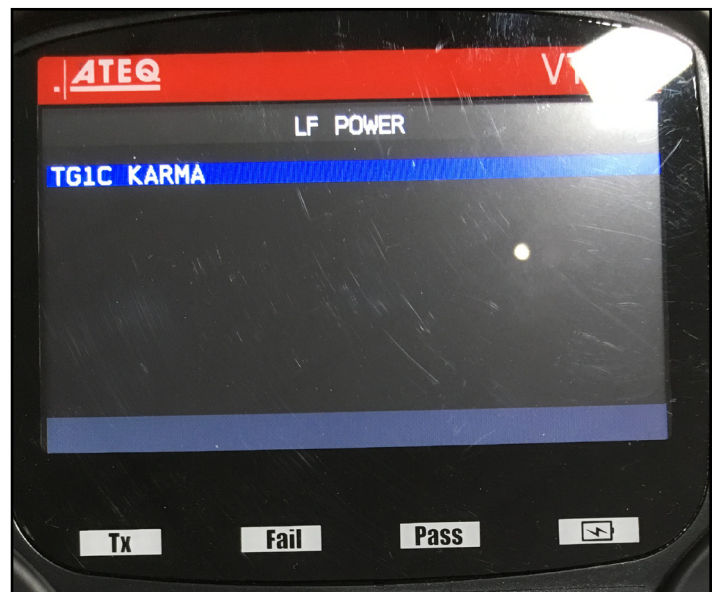


fig 3b

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4. Next select "Trigger" from settings menu and press "OK" (fig 4a)



fig 4a

- Select "Forced to Park" and press "OK" (fig 4b)
- Press "C" to return to settings menu



fig 4b

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5. Select "Frequency" from settings menu and press "OK" (fig 5a)



fig 5a

- Select "433.92 Mhz" and press "OK"
- Press "C" to return to settings menu (fig 5b)

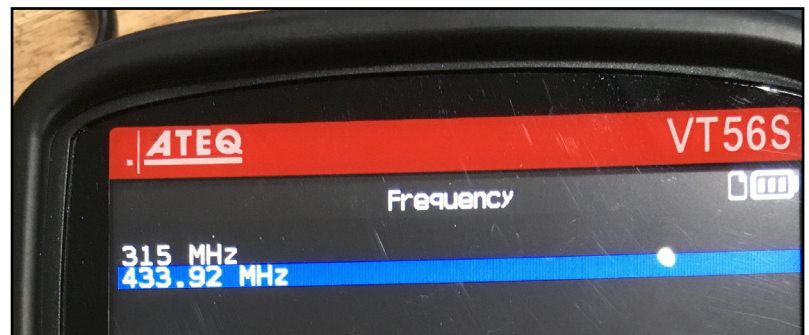


fig 5b

6. Select "Power" from settings menu and press "OK" (fig 6a)



fig 6a

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- Select "TG1C Karma" and press "OK" (fig 6b)

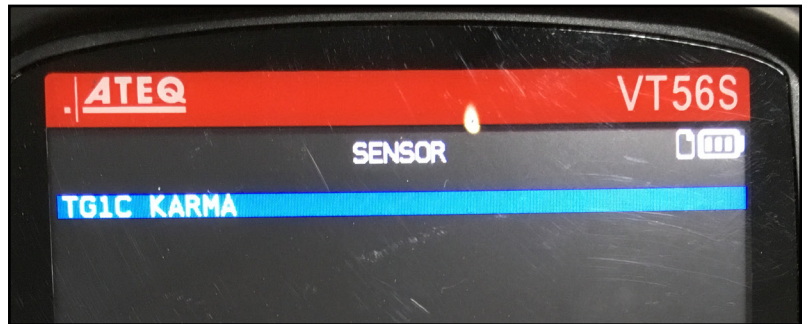


fig 6b

- Scroll up with up-arrow button and set to 100% (fig 6c)
- Press "C" to return to settings menu

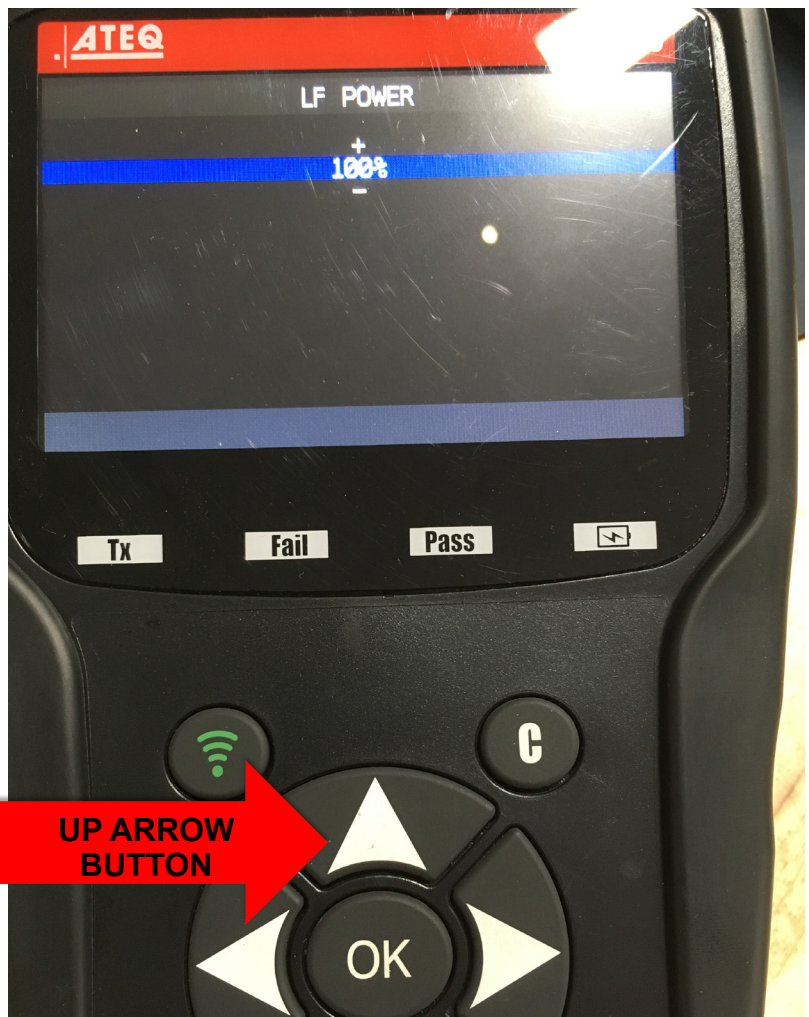


fig 6c

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7. All settings are correctly set and TPMS learn can now take place (fig 7a)

- Select "Manual" and press "OK"



fig 7a

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

- 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

The tool lists the order of sensors to be scanned.



fig 7b

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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. Connect OBDII interface to OBDII port (fig 10a)



fig 10a

- Place vehicle into Accessory (ACC) or Ready mode (fig 10b)



fig 10b

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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

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