



RDW

TPMS
Tyre pressure
data
The Netherlands

Vehicle Standards Development

Paris, 19 June 2008

Subject

- Vehicles Category M1 fitted with and without TPMS systems
- Under ambient conditions
- Sufficient numbers to detect possible effect of the presence of TPMS systems
- Measurements of the actual tyre pressure



Measurements

- Responsibility: the Dutch foundation: “Band op spanning”
- In agreement with organizations and companies involved and their employees
- Carried out by part time employees, mainly students
- Education to use measuring equipment and registration units: one day and a week measurements on location under supervision.





Population

Vehicles belonging to the employees of participating companies and organizations such as:

ABN/AMRO, NUON, Deloitte, ING, PHILIPS, DHL, the municipality of Amsterdam, etc.

Visitors to IKEA shopping centers.



Test equipment

- GIP Air Tek digital tyre pressure measuring device
- Accuracy 0.03 bar
- Adjustable up to 10 bar
- Relative humidity 100%
- Operating temperature 0-60 ° C





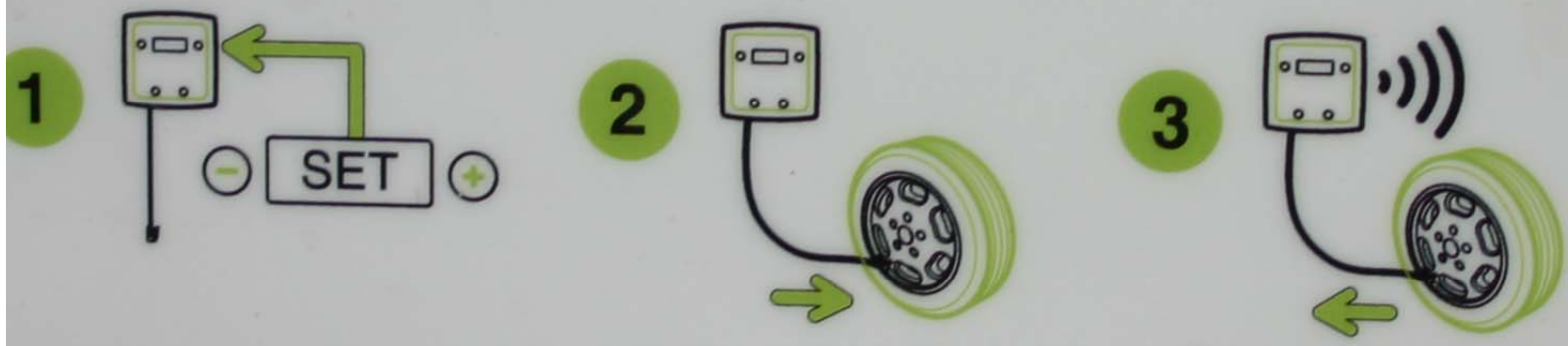
RDW

Vehicle Standards Development

Paris, 19 June 2008

WWW.BAND... OF ANNING... NL

- **2.2** bar +
Pe



ATTENTIE! Deze apparatuur dient enkel gebruikt te worden door getraind personeel
Lees en begrijp de handleiding alvorens te gebruiken!

ON

STOP

BAR
Psi /Kpa

Opladen

Test conditions

- Parked on an assigned car park
- Ambient conditions car park (open air)
- Time between parking and measurements over 1 hour
- Start measurements 09.30 h
- From October 2007 to April 2008



Screen dump

P4
Registratieformulier Hit

17LTNV ETO Nr: 11779	PEUGEOT 206 Hatchback (2A/C) 1.6 16V	Laatste controle 03-jun-2008	Voor: 2.2 Achter: 2.3	Hit: 1 optie
-----------------------------------	---	--	--------------------------	--------------

Adviesspanning bij bandenmaat Voor-as: 165/70 R 13

Advies spanningen **Laag** voor 2.2 achter 2.2 Hoog voor 2.2 achter 2.2 Database raadplegen bron Kies

Aangetroffen bandenmaten Voor 165 70 R 13 OK Kopieer Achter 165 70 R 13 OK

Aangetroffen spanningen Links voor OK Rechts voor OK
Links achter OK Rechts achter OK

Aangebrachte spanningen Voor: Achter: Opmerkingen: Annuleren: Reden annuleren:



Finish

- After registration of the measured values the tyres will be filled with nitrogen according to the manufacturers recommended inflation pressure
- The file with records is sent to the RDW
- The RDW added the VIN numbers and has sent the files to OICA and the TPMS data group for further analysis

