

METHOD AND SYSTEM FOR TYRE PRESSURE
MEASURING AND ADJUSTING

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ABSTRACT

Method and system for vehicle tyre pressure measuring
10 and adjusting in order to provide tyre with an appropriate
pressure when it is under temperature and pressure
conditions unequal to the rated ones, including the
following steps: measuring pressure inside the tyre,
measuring temperature inside the same, calculating a
15 pressure value equivalent to the rated in terms of said
measured values, visualizing these measured values,
introducing said values to an air supplying machine, and
supplying said calculated pressure to the tyre. The system
to get said method realized comprises a thermocouple, a
20 pressure tester provided with several ways for contacting
the thermocouple, an air supplying machine and a connection
tip provided with several ways for contacting the
thermocouple; alternatively, the system comprises a sensor
and emitter device located on the rim surface inside the
25 tyre, a remote control apparatus operating by
radiofrequency signalling and an air supplying machine.

Fig. 6 to accompany abstract upon publication.

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