

Mercedes WIS

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GF40.15-P-5124RF Component description for tire pressure monitor control unit 25.6.15

Model 205, 253
with code 475 (Tyre pressure monitoring system)

Shown on MODEL 205.0

N88 Tire pressure monitor control unit
P40.15-2566-04



Location

The tire pressure monitor control unit is located on the underfloor above the rear axle.

Tasks

The tire pressure monitoring system control unit has the following tasks:

- - Reading in of signals
- - Evaluation of input factors
- - Transfer of information

Reading in of signals

The input factors are read in over the following connections:

- - Two-way radio
- - User interface CAN (CAN HMI)

Two-way radio

The following sensors are read in via radio:

- - Left front tire pressure sensor (A69/1)
- - Right front tire pressure sensor (A69/2)
- - Left rear tire pressure sensor (A69/3)
- - Right rear tire pressure sensor (A69/4)

User interface CAN

The following signals are received over the user interface CAN by the instrument cluster (A1):

- - Vehicle speed signal
- - Outside temperature
- - Kilometer reading

Evaluation of input factors

The input factors that have been read in are evaluated by the integrated microprocessor whereupon the information is then sent.

Transfer of information

The tire pressure monitor control unit sends information via the user interface CAN to the instrument cluster and this information is then shown as menu displays and as warning messages.

Body

The central antenna is integrated in the tire pressure monitor control unit.

Wiring diagram for tire pressure monitor control unit

PE40.15-P-2101-97FBA