



This Service Information bulletin supersedes SI 36 03 09 **dated March 2010**.

SUBJECT

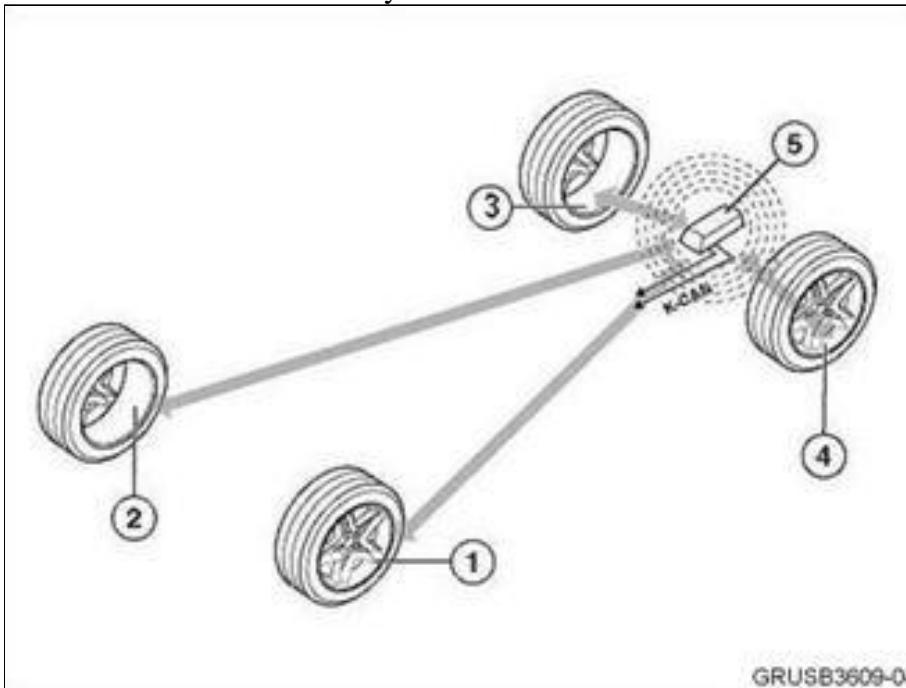
Third Generation Tire Pressure Monitor System (RDC)

MODEL

E90, E91, E92, E93 (3 Series) from 9/09 production

INFORMATION

As of September 2009 production, a new generation Tire Pressure Monitor System has been introduced for all 3 Series models. Although the basic operation of the system is similar to the previous version, there are several key differences between the two systems.



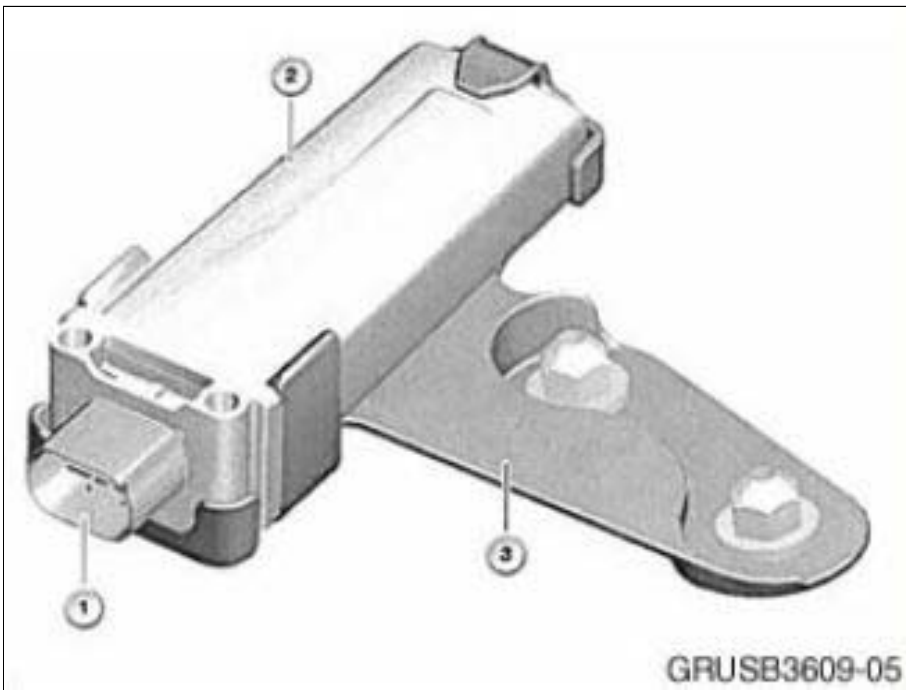
The new system consists of **five** components:

- **One central antennae with an integrated control module (5)** mounted in the right rear wheel arch
- **Four wheel electronics (1-4)** mounted at the base of each tire valve.

Central antennae with integrated control module

The control module and central antennae have been combined in a single housing. This new control module has the ability to send requests for information to each of the 4 wheel

NEW



electronics via a low frequency signal (125 kHz). This eliminates the need for separate transmitters, as used for previous systems.



New style wheel electronics

The wheel electronics consist of a plastic housing with integrated circuitry.

The following items are contained within the wheel electronics:

- Pressure sensor
- Temperature sensor
- Acceleration sensor
- Transmitter/receiver unit
- Self-diagnosis controller
- Battery

The following points should be considered when diagnosing and/or servicing the system:

- The system components are not interchangeable or compatible with previous versions.
- The type of wheel electronic fitted can only be determined via visual inspection.
- The detection of low tire pressure and the subsequent warning is similar to the previous design.
- The reset procedure has changed.

Special Note for Reset Procedure

After initiating a reset, the vehicle must be driven for a period longer than 12 minutes with a vehicle speed which exceeds 19 mph (~30 km/h).

WARRANTY INFORMATION

NEW Not applicable.

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