

Description and Operation

Overview

The [BCM \(body control module\)](#) uses tire pressure sensors to monitor tire pressure. The sensors use radio signals to transmit the tire pressure to the [RTM \(radio transceiver module\)](#). The [RTM](#) sends the information to the [BCM](#) over the [MS-CAN \(controller area network\)](#). The tire pressure sensors are battery operated and mounted to the valve stems. The [IPC \(instrument panel cluster\)](#) illuminates the [TPMS \(tire pressure monitoring system\)](#) warning indicator and the message center displays a message when a fault is present or when the tire pressure falls below the low pressure limit.

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