

# Tire pressure monitoring system (TPMS)

Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

In addition to TPMS Yellow Warning lamp, see **48, TIRE PRESSURE MONITORING SYSTEM (YELLOW)**, a warning message and the current pressure, is displayed in the Message center, below a graphic which shows which tire is under-inflated.

Vehicles supplied with 20 inch wheels also have a speed based TPMS system. If the vehicle is required to travel at speeds of over 155 mph (250 km/h), the tire pressures should be raised. See **191, TIRE PRESSURES**. Failure to do this may cause the warning message **TIRE PRESSURES LOW FOR SPEED** to be displayed in the Message center.

**Note:** Make sure to set the tire pressures to the correct pressure when the vehicle will be traveling at speeds of less than 155 mph (250 km/h).

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups for as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure, as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

## TIRE PRESSURE CHECK

The Instrument panel can be used to display the vehicle's tire pressures. The tire pressure figures can be accessed via **Vehicle Information** menu.

For more information, see **42, INSTRUMENT PANEL MENU**.

**Note:** The tire pressure units can be configured to display as either bar, psi, or kPa via the **Vehicle Information** and the **Tire Information** menus.

When selected, the last known tire pressures will be displayed, alongside the recommended cold tire pressures (in brackets).

**Note:** If any of the wheels or tires have been removed, the displayed tire pressures may not be valid. Drive the vehicle for at least 15 minutes in order to re-calibrate the system.