



GROUP General	MODEL All w/TPMS
NUMBER 052A	DATE August 2011

TECHNICAL SERVICE BULLETIN

SUBJECT: NON-OEM ELECTRICAL ACCESSORIES; ELECTRICAL INTERFERENCE WITH TPMS

This bulletin provides information relating to possible interference from non-OEM electrical products with the Tire Pressure Monitoring System (TPMS). Some non-OEM electrical products, including but not limited to some aftermarket in-dash navigation systems originally intended for non-US markets, may emit electrical noise in the 315MHz frequency band and may cause the TPMS low pressure/malfunction indicator light to illuminate. Example: The US market TPMS transmits data on 315MHz while the European TPMS transmit data on 434MHz. Electronic devices not intended for US markets may not be shielded properly for different frequencies thus interfering with US market devices.



File Under: General

Circulate To: **General Manager** **Service Manager** **Parts Manager**
 Service Advisor(s) **Technician(s)** **Body Shop Manager** **Fleet Repair**

System Overview:

The US TPMS is a wireless system that utilizes the 315MHz frequency band to transmit the status from the sensors transmittals at the wheels to the receiver near the instrument panel.

Some non-OEM electrical devices may emit electrical noise in the 315MHz frequency band. This electrical noise may be picked up by the TPMS receive and may provide an indication of a TPMS concern thus causing the TPMS indicator light to illuminate.

If, after the customer has had an aftermarket electrical accessory installed, the TPMS indicator falsely illuminates and/or causes DTCs to be stored, it could be due to the type of electrical interference described above. This interference could also occur when other portable electronic devices are used in the vehicle.

*** NOTICE**

Any aftermarket electronic device not intended for the U.S. market may not be designed to be compatible with, or may not be electronically shielded to properly integrate with Kia electronic specification products designed for and used in Kia vehicles.

Remove any equipment that causes interference as described from the vehicle.