Repair Procedure 🛠

RP-11062-015

Subject:	IMPORTANT: TRW Mode Change and Hyundai/Kia	
Make(s):	Model(s):	Year(s):
Hyundai Kia	See chart below	2014+
Sensor(s):	TRW Part Number(s):	

Tool	Software Version
ALL	R53.0 and Older

IMPORTANT NOTICE:

UPDATE YOUR TOOL TO R53.2 BEFORE REPAIRING HYUNDAI or KIA Vehicles!

Overview:

Beginning with **Model Year 2014** Hyundai Elantra and other Hyundai/Kia vehicles, the TPMS Wheel Sensor supplied by TRW changed. This new sensor behaves differently from the ones in previous model years. This technology change came before release without sufficient notification, therefore the tool software had to "catch up." This new sensor features different modes and mode changing commands.

NOTE: When these sensors are triggered with old software, the mode is unnecessarily changed, causing a communication problem with the car. All other processes behave normally [triggering and relearn communications]. The mode change however causes the sensor to NOT communicate with the car. Currently the sensors CANNOT BE CHANGED BACK. Once the mode is changed, the sensors are not usable for any application.

Bartec corrected the mode change issue beginning with software release 53.0. However, if you have older software, the 2014 Elantra selection will unnecessarily change the mode. As always, make certain you are selecting the proper Make, Model and Year when setting up your tool.

With the release of 53.2, Bartec has introduced preventative measures to insure even if the wrong MMY is selected, the tool can detect these sensors and inhibit any unnecessary mode changing.
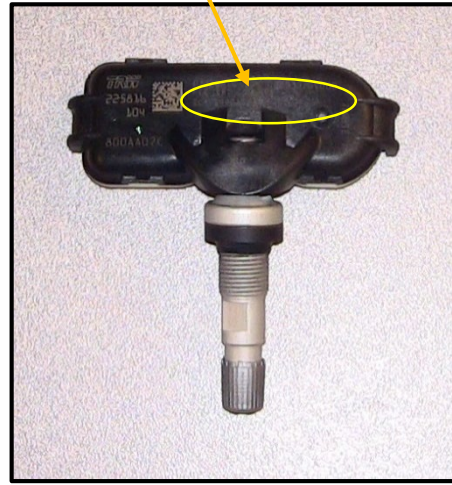
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Sensors Affected:

Locate Part Number here

Application:

Make	Model	Year From	Year To	Latest OEM
Hyundai	Elantra	2014	2014	52933-3X205
Hyundai	Tucson	2014	2015	52933-2S410
Hyundai	Tucson	2016	2016	52933-C1100
Kia	Forte	2014	2015	52933-A7000
Kia	Sportage	2014	2015	52933-2S500

Next Steps:

Bartec is working with the sensor manufacture to establish a sensor recovery process [change the mode back to the original state using the TPMS tool]. This will be part of a future update.

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