

GROUP Chassis	MODEL 2014~2015MY		
	Forte (YD)		
NUMBER	DATE		

## TECHNICAL SERVICE BULLETIN

SUBJECT:

### TPMS SENSOR REPLACEMENT

This bulletin provides the procedure to replace the TPMS sensors on some 2014~2015MY Forte (YD) vehicles, produced from February 18, 2013 through March 31, 2015, which may exhibit a TPMS light illuminated in the cluster, along with DTC C1212 – Vehicle Speed Sensor. To correct this concern, replace all four (4) TPMS sensors with the improved parts, by following the procedure outlined in this bulletin.

#### DTC C1212 - Vehicle Speed Sensor



File Under: <Chassis >

 SUBJECT:

## TPMS SENSOR REPLACEMENT

#### Service Procedure:

1. Place the vehicle on the lift and remove all four (4) wheels.



2. Remove the valve cores from the valve stems and allow the tire to deflate.



3. Use a ruler and yellow chalk to make reference marks 2" to either side of the valve stem, as shown



To prevent damage to the TPMS sensor, avoid breaking the bead too close to the sensor. Any damage to the TMPS sensor during removal is <u>NOT</u> considered a warrantable repair.

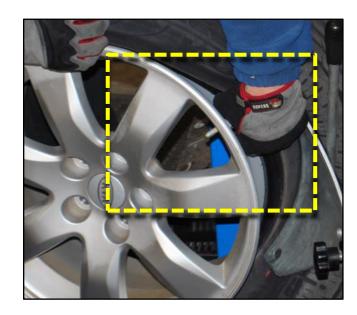


### TPMS SENSOR REPLACEMENT

4. Insert the machine's shoe into the bead to either side of the reference marks.

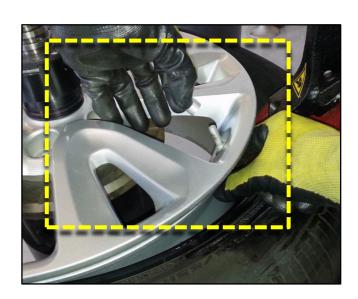


5. Use the machine's shoe to break the bead ONLY enough to expose the TPMS sensor. Then, remove the nut and pull the TPMS sensor from the wheel. NOTE: Be careful NOT to drop the TPMS sensor inside the wheel/tire assembly.



6. Install the new TPMS sensor onto the wheel and secure in place using the new nut.

Torque TPMS nut to: 1.7 ~ 2.2 lb-ft (2.4 ~ 3.0 Nm)



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7. Inflate the tires to the proper pressure, as shown in the table.

Tire Size	Pressure (PSI)		
P195/65R15			
P205/55R16	32 PSI		
P215/45R17	32 F31		
P225/40R18			

8. Reinstall the wheels on the vehicle.

Torque Lug Nuts to: 65.1 ~ 79.6 lb· ft (88.3 ~ 107.9 N·m)



9. Register the new TPMS sensors by referring to "Suspension System → Tire Pressure Monitoring System → TPMS Sensor" chapter in the applicable Workshop Manual.

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### AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range	
Forte (YD)	From February 18, 2013 through March 31, 2015	

### PART INFORMATION:

Part Name	Part Number	Qty.	Figure
TPMS Assembly	52933 3X205FFF	4	

#### WARRANTY INFORMATION:

Clai m Type	Causa I P/N	Qty	N Code	C Code	Repair Descriptio n	Labor Op Code	Op Tim e	Replacemen t P/N	Qty
W	52933 A7000	0	l13	ZZ3	(CHA 058) TPMS Replace (4EA)	52933F02	0.9 M/H	52933 3X205FFF	4

TSB: CHA 058 Forte (YD) April 2015