



GROUP
Chassis

MODEL
**2014~2015MY
Forte (YD)**

NUMBER
058

DATE
April 2015

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 >

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

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



CAUTION

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



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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)**



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

Tire Size	Pressure (PSI)
P195/65R15	32 PSI
P205/55R16	
P215/45R17	
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.

SUBJECT:**TPMS SENSOR REPLACEMENT****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:

Claim Type	Cause I P/N	Qty .	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty .
W	52933 A7000	0	I13	ZZ3	(CHA 058) TPMS Replace (4EA)	52933F02	0.9 M/H	52933 3X205FFF	4