

INSTRUCTION SHEET K6855511AB TIRE PRESSURE MONITORING SENSOR (TPMS) REPLACEMENT

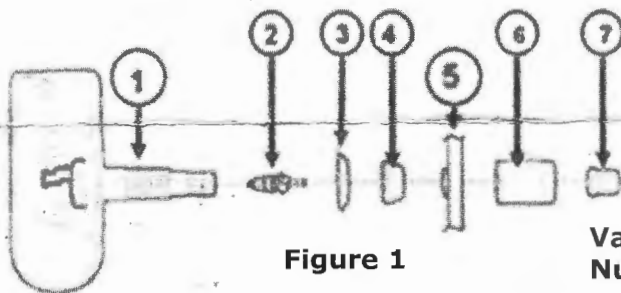
This procedure is to be used when replacing or removing and reinstalling the TPM Sensor.

REMOVAL

1. The tire and wheel assembly removal must be followed as outlined in the Service Manual. (Refer to Group 22 - TIRES/WHEELS – SENSOR – TPM - REMOVAL)

INSTALLATION

NOTE: Before reinstalling an existing TPM Sensor, replace seal and metal washer at base of valve stem. The nut and valve core must also be replaced to ensure proper sealing. Always install the valve stem cap to prevent moisture and dirt from entering the valve stem, which could damage the TPM Sensor.



Valve core torque = 0.4 Nm (3.5 in-lb) max
Nut torque = 8.0 Nm (71 in-lb) max

1. The part assembly sequence is shown in Figure 1.

1 - TPMS SENSOR	5 - SECTIONAL CUTAWAY OF WHEEL
2 - VALVE CORE	6 - NUT
3 - METAL WASHER	7 - CAP (WITH SEAL)
4 - SEAL	
2. Maintain sensor contact with the rim by applying pressure to the back of the valve. Slightly press on the cap towards the center of the wheel in order to adapt the angle of the valve/sensor to the profile of the rim. This assures contact of the housing unit on the rim drop center.

CAUTION: The torque specification on the nut is 8.0 Nm (71 in. lbs.) Over-torque of the sensor nut to only 12 Nm (106 in. lbs.) may result in sensor separation from the valve stem. Under this condition the sensor may still function, however if the nut was over-torqued the TPM Sensor assembly should be replaced.

CAUTION: Always install the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the TPM Sensor.

3. The tire and wheel assembly installation must be followed as outlined in the Service Manual. (Refer to Group 22 - TIRES/WHEELS – SENSOR – TPM - INSTALLATION)