

Tire Pressure Sensors Cannot Be Manually Taught-In Using DAS

Topic number	LI40.15-P-073804
Version	1
Function group	40.15 - Tire pressure/tire pressure monitoring
Date	10/20/21
Validity	BR199 (McLaren SLR)
Reason for change	

Complaint

Changing the sensor identification numbers (IDs) to a higher ID number range, the sensors can no longer be taught in using manual entry of the sensor IDs in DAS. The wrong sensor IDs are displayed in the actual values of the TPM [RDK] control unit N88.

Cause

Sensor ID numbers greater than 2147483647 cannot be processed by DAS.

Remedy

The known procedures (1. or 2.) can be used to teach in the sensors:

- 1.) Manually reducing and raising the air pressure to activate the sensors and manually teach in with DAS.
- 2.) Install sensors, reset system using instrument cluster and use automatic teach-in process during the journey. The teach-in process during the journey may last longer than usual.

The sensor IDs displayed in the DAS (TPM [RDK] control unit N88) can be ignored.

Symptoms
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire Pressure Monitoring Service Required
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire pressure monitoring currently inactive
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire pressure monitoring Display faulty
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire press. monitor inoperative Drive to workshop
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire press. monitor temporarily unavailable
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire press. monitor inoperative No wheel sensors
Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire press. monitor inoperative

XENTRY TIPS

Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire pressure monitor currently unavailable

Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire press. monitoring No wheel sensors

Chassis/suspension > Wheels/tires > Tire pressure monitor TPM display > Display in yellow > Tire pressure monitor not activated

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
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