

Various fault codes present in TPM Control Unit, vehicles with code 475 and code B03

Topic number	LI40.15-P-070175
Version	1
Function group	40.15 Tire pressure/tire pressure monitoring
Date	08-14-2019
Validity	BR 204, 207, 212, 218, 166, 172 with code 475 and code B03
Reason for change	
Reason for block	

Complaint:

Various fault codes in the tire pressure monitor (TPM) control unit N88 in combination with fault codes in the rear signal acquisition and actuation module (SAM-H) control unit N10/2 (fault codes referring to the auxiliary battery or the auxiliary battery relay). Replacing the TPM control unit N88 or tire pressure sensors does not remedy the problem.

Cause:

High-frequency interference caused by a winding of wiring in the auxiliary battery relay.

Remedy:

Replace auxiliary battery relay.

Symptoms
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 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
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

Control unit/fault code		
Control unit	Fault code	Fault text
N10/2 - Rear signal acquisition and actuation module (Rear	B21DE71	The relay 'Additional battery' has a malfunction. The actuator is blocked.

XENTRY TIPS

SAM) (SAMR_212) (SLK/SLC 172,E (212),E (207),C (204), CLS (218))		
N10/2 - Rear signal acquisition and actuation module (Rear SAM) (SAMR_231) (SLK/SLC 172,E (212),E (207),C (204), CLS (218))	B21DE71	The relay 'Additional battery' has a malfunction. The actuator is blocked.
N10/2 - Rear signal acquisition and actuation module (Rear SAM) (SAMR_231) (SLK/SLC 172,E (212),E (207),C (204), CLS (218))	B11C116	The additional battery has a malfunction. The limit value for electrical voltage has not been attained.
N10/2 - Rear signal acquisition and actuation module (Rear SAM) (SAMR_212) (SLK/SLC 172,E (212),E (207),C (204), CLS (218))	B11C116	The additional battery has a malfunction. The limit value for electrical voltage has not been attained.