

Message in instrument cluster "Unavailable! - ESP - Service Required"

Topic number	LI42.47-P-065519
Version	2
Function group	42.47 Adaptive Brake (ABR)
Date	10-27-2017
Validity	BR222 and BR217
Reason for change	Remedy updated.
Reason for block	

Complaint:

After engine start the following messages appear alternately in the instrument cluster:

- "Unavailable! - ESP - Service Required"
- "Unavailable! - ABS - Service Required"
- "Tire Pressure Monitor Unavailable".

Note:

One or both of the following codes (DTC) is/are logged in the ESP control unit (N30-4):

- C050A95
- C050495.

This code is logged when the vehicle is stationary.

Cause:

Monitoring of clearance between wheel speed sensor and multipole ring.

Remedy:

Perform complete initial start-up of ESP control unit.

Note:

Code 08o must be entered in the vehicle data card in VeDoc beforehand.

Note:

ESP software is available with DVD 09/2017.

Symptoms

XENTRY TIPS

Chassis/suspension / Brake system / Brakes/traction regulation system / Antilock Brake System ABS / Display message / Antilock braking system - visit workshop
Chassis/suspension / Brake system / Brakes/traction regulation system / Antilock Brake System ABS / Indicator lamp / Indicator lamp, general / Goes on
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Electronic stability program - visit workshop
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Electronic stability program not available
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Indicator lamp / Goes on
Chassis/suspension / Brake system / Brakes/traction regulation system / Antilock Brake System ABS / Display message / Display Malfunction- ABS - Service Required
Chassis/suspension / Brake system / Brakes/traction regulation system / Antilock Brake System ABS / Display message / Unavailable - ABS - Service Required
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Display Malfunction- ESP - Service Required
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Malfunction - ESP - Service Required
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Unavailable - ESP - See Operator's Man.
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / Unavailable - ESP - Diagnosis/Rig Test
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program ESP / Display message / Display text, yellow/white / ABS, ESP Inoperative

Control unit/fault code		
Control unit	Fault code	Fault text
N30/4 - Electronic stability program (ESP®) (RBS222)	C050A95	The signal from component 'L6/2 (Right front axle rpm sensor)' is faulty.
N30/4 - Electronic stability program (ESP®) (RBS222)	C050495	The signal from component 'L6/1 (Left front axle rpm sensor)' is faulty.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2229023616			ESP software	1	Without code 233 or 239	
A2229023716			ESP software	1	With code 233 or 239	
A2229023816			ESP software	1	Guard	