Full vehicle scan

Vehicle	Mercedes-Benz E-Class (W212), diesel
VIN	WDD·944
Date	5 November 2026, 16:01–16:30 UTC
Location	Remote, through the Gateway PRO dongle
Reason for scan	ABS / ESP warning light on
Method	Read-only: identification and fault memory of every control unit that answered. Nothing was cleared, coded or activated.

Summary

Cause of the ABS / ESP light: left front wheel speed sensor (L6/1).
The ESP control unit reports the sensor's signal as **implausible, currently present, warning lamp requested** (C04AB00), and a stored **mechanical fault** of the same sensor (C04A600). The transmission, the shift module, the power steering, the collision assist and the rear camera all log messages that follow from this: they receive an implausible left front wheel speed, or no valid data from the ESP.

Other active faults, not related to the ABS light: Parktronic, rear signal module (no-load current switch), two door control units (vehicle configuration) and the driver seat. Details below.

Recommended checks

1. **Left front wheel speed sensor L6/1:** sensor tip and mounting (dirt, metal debris, air gap), connector and wiring to the ESP unit (chafing, corrosion, water), and the magnetic encoder ring in the wheel bearing (damage, play). A live comparison of all four wheel speeds while the car is rolled or driven slowly will confirm the sensor before parts are replaced.
2. After the repair: clear the fault memory of all units and road test. The follow-on messages in the transmission, shift module, power steering, collision assist and rear camera are expected to clear with it.
3. **Parktronic:** one active fault (B125395) with three stored ones. Check the parking sensors and their wiring; the ESP also stores implausible signals from the parking system.
4. **Rear signal module:** "No-load current OFF" switch output does not open (B214F73, active). Check for a standby-current / battery issue before other work.
5. **Door control units (left front, right rear):** "fault in the vehicle configuration" (active). Usually a configuration / coding mismatch after a part change; needs dealer-level software.
6. **Driver seat:** one active fault (B1DAB54); only the code was available, see the table.

Faults found

Control unit	Code	Status	Description
ESP / ABS	C04AB00	active	The signal of component L6/1 (left front axle rpm sensor) is implausible. Warning lamp requested.
ESP / ABS	C04A600	stored	Component L6/1 (left front axle rpm sensor) has a mechanical fault.
ESP / ABS	C350000	stored	One or more signals sent from N62 (parking system control unit) via the CAN bus are implausible.
Transmission	U140900	active	An implausible left front wheel speed signal was received.
Shift module	U140900	active	An implausible left front wheel speed signal was received.
Collision assist (radar)	U0416FD	active	No CAN message was received from the electronic stability program.
Collision assist (radar)	C10C800	stored	COLLISION PREVENTION ASSIST has triggered a warning.
Rear view camera	U041600	active	Invalid data received from the brake / stability system (code only).
Power steering	U041600	stored	Implausible data were received from the traction system.
Power steering	U045A00	stored	Implausible data were received from the parking system.
Parktronic	B125395	active	Code only (parking system component fault).
Parktronic	B125309	stored	Code only.
Parktronic	U110100	stored	Code only (communication).
Parktronic	U112B00	stored	Code only (communication).
Rear signal module (SAM)	B214F73	active	The output for switch "No-load current OFF" has a malfunction. The actuator does not open.
Door, left front	B223B00	active	There is a fault in the vehicle configuration.
Door, right rear	B223B00	active	There is a fault in the vehicle configuration.
Driver seat	B1DAB54	active	Code only.
Multifunction camera	B23A813	stored	The output for the window heater has a malfunction. There is an open circuit.
Tyre pressure monitor	U116400	stored	Code only (communication).
Level / suspension unit	C156884	stored	Code only.
Level / suspension unit	C156684	stored	Code only.

Active = failing now / this drive cycle. Stored = recorded earlier, not failing at the moment of the scan. "Code only": the control unit reported the code but its text was not available in this scan.

Control units without faults

Engine control unit · central gateway · instrument cluster · ignition switch · steering column module · airbag · climate control · sliding roof · front seat belt tensioners (left, right) · fuel pump control unit · front signal

module (SAM) · headlamps (left, right) · head unit and display · communication module · passenger seat · doors right front and left rear · AdBlue / SCR control unit · two further units on the vehicle network.

Scope and limits

37 control units answered; the other addresses in the W212 list did not answer (not fitted on this car or asleep). Fault memory was read as the original diagnosis does. No freeze-frame data or live values were read in this scan. The car was identified by its VIN before any other request, and every reply is kept on file.