

Mercedes E-klasse (W211) - Fejlkode C0249F / C2258 | HELLA

Mercedes Benz E-klasse (W211) Årgang 2002 - 2005 Alle modeller med elektrohydraulisk bremsesystem (SBC) ABS-advarselslampe lyser Fejlkode i styreenheden: C0249F „Aktiveringstid for lang“ C2258 „ABS-bremsning, varighed“ Hvis disse fejlkode udlæses fra ABS-styreenheden i ovennævnte modeller, kan årsagen være, at den forud beregnede levetid for ABS-styreenhed og hydraulikenhed er nået. For at garantere at systemet fungerer sikkert, har producenten af systemet indlagt en bestemt driftstid for komponenterne. Styreenheden registrerer ud over pumpens aktiveringstid også antallet af foretagne opbremsninger. Når der registreres en given talværdi for bremsene, er den såkaldte servicetærskel nået, og hydraulikenheden skal udskiftes. Fremgangsmåde Disse fejlkode medfører ikke nødvendigvis, at SBC-hydraulikenheden (se fig.) skal udskiftes. For at kunne udelukke andre årsager skal bremsesystemets periferi først kontrolleres. Først når der ikke kan diagnosticeres andre elektriske og mekaniske fejl, skal ABS-hydraulikenheden udskiftes.

E-Class (W211)

Model year 2002-2005

All models with electro-hydraulic brake system (SBC)

ABS warning light activated

Error codes in the control unit:

C0249F "Duty cycle too high"

C2258 "ABS braking time"

If these error codes are read out of the ABS control unit from the vehicles specified above, a possible cause for this could be that the service life specification of the ABS control unit and hydraulic unit has been reached.

In order to ensure a safe mode of function of the system, the system manufacturer has stored a service life of the components in the control unit. Next to the duty cycle of the pump, the control unit also records the braking actions already carried out.

If a certain brake counter value is recorded, the so-called service threshold is reached and the hydraulic fluid must be replaced.



Procedure

These error codes must not necessarily lead to the replacement of the hydraulic fluid SCB (figure).

In order to be able to rule out other causes, first check the periphery of the brake system. The ABS hydraulic unit must be replaced only after there are no more electric and mechanical error to be diagnosed.