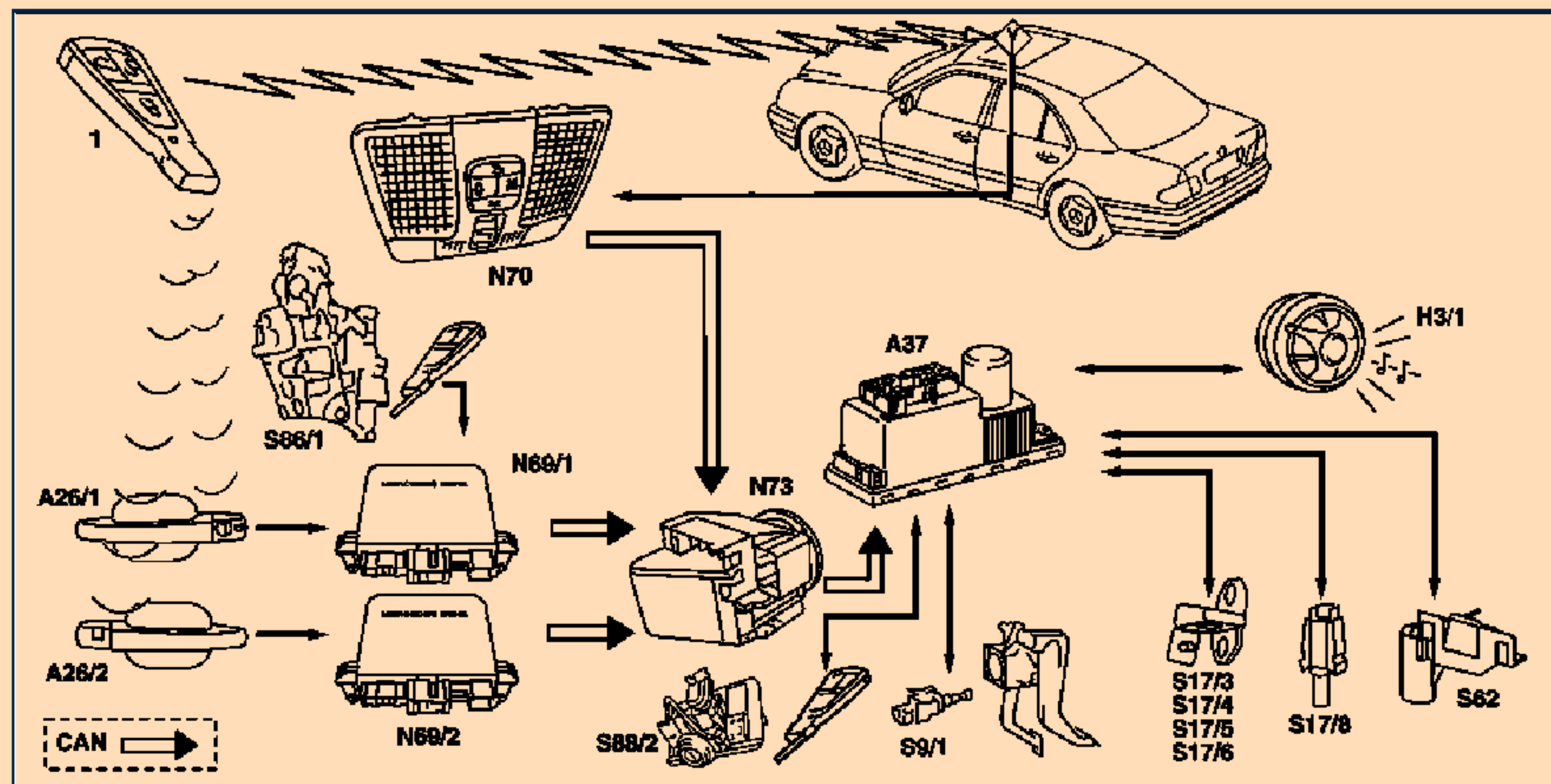


GF80.50-P-2002J

Activating anti-theft alarm (ATA), function

27.2.98

MODEL 202, 208, 210 as of 1.6.98 with CODE (551a) Anti-theft alarm (ATA)



P80.50-2002-09

Illustrated on model 210 sedan

A26/1 Left front door IR receiver

A26/2 Right front door IR receiver

A37 PSE control module (combined)

B33 ATA inclination sensor

CAN Controller area network

N10/1 Signal acquisition and actuation module (SAM)

N69/1 Front driver-side door control module

N69/2 Front passenger-side door control module

N70 Overhead control panel control module

N73 Electronic ignition switch control

S17/6 Right rear door switch

S17/8 Trunk lamp switch

S62 Engine hood switch (ATA)

S85/2 ATA interior motion sensor/anti-towing sensor/status indicator switch

S86/1 Left front door lock switch

Signal acquisition and detection module (SAM)

N73 Electronic ignition switch control module
 S9/1 Stop lamp switch
 S17/3 Left door switch
 S17/4 Right door switch
 S17/5 Left rear door switch

S86/1 Left front door lock switch
 (USA, J) only
 S88/2 Trunk lid lock switch (USA, J) only
 1 Remote control key

The **anti-theft alarm (ATA)** is activated by:

- Central locking of the vehicle with the **remote control key**
- Central locking of the vehicle with the **lock switches** (USA, J) only
- The **relocking** function
- **Self-activation** (B) only: Two minutes following the last locking procedure the ATA activates itself if a door, the tailgate or the trunk lid is opened and closed again after removing the remote control key.

Function sequence

The **PSE control module (combined) (A37)** receives the signal to "lock vehicle" via the CAN bus. It then activates its inputs for the exterior surface contacts and the stop lamp switch.

Moreover the PSE module (A37) activates

- the **alarm signal siren with additional battery (H3/1)**
- the input for the **anti-towing sensor (TS)**
- only with code 882: the **interior motion sensor (IMS)**

If the ATA is activated the LED indicator in the **ATA anti-towing sensor/status indicator switch flashes (S85/3)**

(NL)

The alarm signal siren with additional battery (H3/1) honks three times when the ATA is activated **successfully**. No confirmation is given if a door is not correctly closed when the ATA is activated.

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- The ATA is not activated when the driver's door is opened.
- Activation of the ATA interrupts a previously triggered alarm.
- When the power supply is reactivated the ATA is automatically reactivated if it was active before disconnected from the power supply.
- **IMS and TS** can be switched off separately.

Activation of the exterior surface contracts and the stop lamp switch

The alarm inputs to which the contacts are connected are activated individually. An input is activated as soon as it has been in the non-actuated state for at least 10 seconds.

Activation of the anti-towing sensor (TS)

The TS input is activated as soon as it has been in the non-actuated state for at least 10 seconds.

only code 882:

Activation of the interior motion sensor (IMS)

As soon as all doors are closed the **IMS transmitter and receiver units** are requested to self-activate via the data bus. Each unit confirms that it is operational. Alarm messages sent by a

non-operational unit are ignored.

In vehicles with IMS the ATA interior motion sensor/anti-towing sensor/status indicator switch (S85/2) is installed instead of the S85/3 switch.