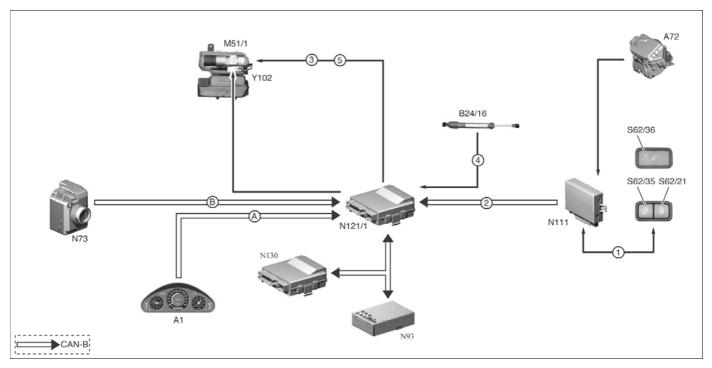
MODEL 211.2 with CODE (890) Automatic tailgate



A72

B24/16

M51/1

N73

N93

N111

N130 S62/21

N121/1

S62/35

S62/36

Y102

CAN-B

Tailgate locking unit

DI control module

Tailgate hydraulic pump

Tailgate control module

Central gateway control module

Tailgate closing control module

Loading floor control module

CAN interior compartment bus

(N121/1) starts the tailgate hydraulic pump (M51/1).

Trunk lid keyless go button

Tailgate closing switch

P72.20-2297-09

- 1 "Closing" request from tailgate closing switch (S62/36), tailgate closing button (S62/35) (with keyless go code 889) or keyless go trunk lid button (S62/21)
- 2 Tailgate closing control module actuation (N121/1)
- 3 Tailgate hydraulic pump actuation (M51/1) "Start"
- 4 Status of trunk lid/tailgate opening angle recognition sensor (B24/16) End switch-off angle reached
- 5 Tailgate hydraulic pump actuation (M51/1) "Stop"

A Speed signal B Circuit status

A1 Instrument cluster

Requirements

- Circuit 30
- System synchronized
- Speed =0 km/h

The tailgate closing switch (S62/36) allows the tailgate to be closed hydraulically by pressing once Actuating the tailgate closing switch (S62/36) more than once stops the closing motion or continues it.

i If the vehicle is equipped with keyless go, code 889 the tailgate can be closed automatically with the **tailgate closing button** (S62/35) or closed and locked automatically with the **keyless go** trunk lid button (S62/21)

Operating procedure

Actuation of the tailgate closing switch (S62/36) is read in by the tailgate control module (N111) and

relayed via the CAN interior compartment bus to the tailgate closing control module (N121/1) The tailgate closing control module

Trunk lid/tailgate opening angle detection sensor

Close tailgate closing button (with keyless go, code

Control valve for automatic tailgate closing system

The hydraulic cylinder is filled with oil and closes the tailgate over the multiple joint hinge Thetrunk lid/tailgate opening angle recognition sensor (B24/16) allows the tailgate closing control module (N121/1) to check the hydraulic operation and end switch-off of the tailgate hydraulic pump (M51/1).

When the trunk lid/tailgate opening angle recognition sensor (B24/16) reaches the defined end switch-off angle, the tailgate closing control module (N121/1) switches off the tailgate hydraulic pump (M51/1)

Special case for automatic extending main cargo floor, code 943

Manual closing

If necessary, manual actuation of the tailgate is possible, however, requires increased force, because it is also necessary to move the hydraulic mechanism. **The trunk lid opening angle detection sensor (B24/16)** does not require any recalibration after a manual intervention. The open state of the tailgate is indicated by an LED in the **tailgate remote opening switch (S15)**

The end switch-off of the tailgate hydraulic pump (M51/1) is selected so that after the hydraulic mechanism is switched off the tailgate locks automatically with its own weight. The complete tailgate closing is accomplished by the power locking feature.

If the vehicle is equipped with an automatic extending main cargo floor , code 943 the state of the cargo floor (extended/retracted) has an effect on the operation of the automatic tailgate closing feature. If the cargo floor is notcompletely retracted(status signal fromcargo floor control module (N130) via CAN interior compartment bus and a request to close the tailgate is present at the tailgate closing control module (N121/1), the latter sends a warning signalto the tailgate control module (N111) via the CAN interior compartment bus which causes the cargo floor switch (S150) to flash This warning signal remains set as long as the request "Close tailgate" is present on the tailgate closing control module (N121/1) The cargo floor switch (S150) flashes for a maximum of 25 s under the control of the tailgate control module (N111) It is then necessary for the tailgate control module (N111) to send a new warning signal via the CAN interior compartment bus.

Tailgate closing control module, location/ purpose	GF80.20-P-1101TA
Tailgate hydraulic pump, location/purpose	GF80.20-P-1104TA
Opening angle recognition sensor, location/ purpose	GF80.20-P-1103TA
Open tailgate switch, location/purpose/design	GF80.20-P-1107TA