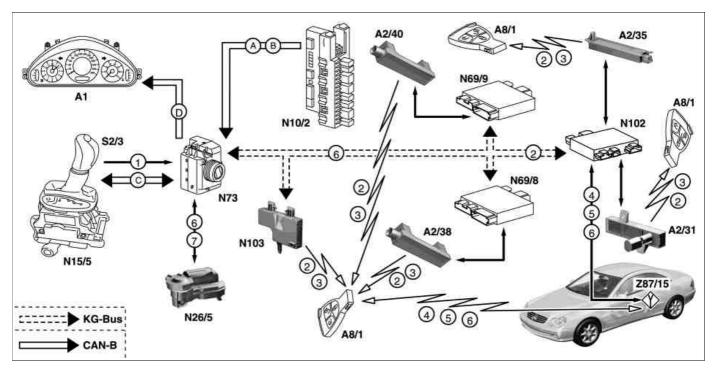
MODEL 209.3 /4 with CODE (889) Keyless-Go



P80.61-2089-09

Shown up to 31.5.04

1	Ignition on/off, start/stop engine request	A2/38	Left door KEYLESS-GO antenna	N103	Interior module KEYLESS-GO control unit
2	Wake-up signal to transmitter key	A2/40	Right door KEYLESS-GO	S2/3	KEYLESS-GO start/stop button
3	Signal for position determination		antenna	<i>Z87/15</i>	KEYLESS-GO HF antenna cable
4	Transmission of position data	A8/1	Transmitter key		end
5	Transmission of validity	N10/2	Rear SAM control unit with fuse		
6	Transmission of access		and relay module	Α	Service brake, status
	authorization	N15/5	Electronic selector lever module	В	Doors status
7	Steering lock actuation		control unit	С	Electronic selector lever module
	· ·	N26/5	Electric steering lock control unit		control unit, status
A1	Instrument cluster	N69/8	Left door KEYLESS-GO control	D	Error messages output
A2/31	Rear bumper KEYLESS-GO		unit		
	antenna [']	N69/9	Right door KEYLESS-GO	CAN B	Controller Area Network bus,
A2/35	Trunk KEYLESS-GO antenna		control unit		class B (interior compartment)
		N73	EIS [EZS] control unit		(CAN B)
		N102	Rear module KEYLESS-GO control unit	KG bus	KEYLESS-GO data bus

Function

The engine can be started or switched off by actuating the KEYLESS-GO start/stop button (S2/3) on the selector lever.

Start engine

Function requirements

- The transmitter key (A8/1) is located in the interior compartment
- Service brake operated
- Doors closed
- Selector lever in position "P" or "N"

Function sequence

- 1. Press KEYLESS-GO start/stop button (S2/3) on selector lever
- 6. Transmission of access authorization to the EIS control unit (N73) and to the electric steering lock control unit (N26/5).
- If the checks were positive, circuit 15R and circuit 15 are switched on, if not already switched on, the steering lock unlocked and the engine started.

- A wake-up signal is transmitted to the transmitter key via the KEYLESS go antennas (A2/31, A2/35, A2/38, A2/40) and the interior module KEYLESS-GO control unit (N103) A8/1
- Location finding signals are transmitted via the KEYLESS-GO antennas (A2/31, A2/35, A2/38, A2/40) and the interior module KEYLESS-GO control unit (N103).
 - i On vehicles as of 1.6.04, the antenna integrated into the interior module KEYLESS-GO control unit (N103) is replaced by the separate interior KEYLESS-GO antenna.
- The position data, the validity and the access authorization are transmitted via the KEYLESS-GO HF antenna cable end (Z87/15) to the rear module KEYLESS-GO control unit (N102).

Li Error messages occurring are displayed in the instrument cluster (A1).

Additional circuit switching operations are given in the table below.

Warning messages

Actuation of KEYLESS-GO start/	Status after actuating KEYLESS	S- Status after actuating KEYLESS- Status after actuating KEYLESS-		
Vehicles as of 1.6.07 These warning messages are maintained until the driver switches off the engine (no automatic engine switch-off).		$oxed{i}$ In this case, it is not possible to start the engine on either version.		
Actuate Keyless-Go start/stop buttor Engine is switched off and circuit 15				
Function sequence		Next time the vehicle stops (v = 0 km/h) the engine is automatically switched on.		
Function requirementSelector lever in position "P" or "I	٧"	Vehicles up to 31.5.07:		
Switch off engine		This is repeated every 5 km. After traveling > 20 km, a continuous warning message is output and an intermittent gong sounds.		
i Error messages occurring are discluster (A1).	played in the instrument	transmitter key (A8/1) not present), the instrument cluster (A1) outputs a warning message for approx. 5 s.		

If, after starting the engine, the transmitter key (A8/1) can no

Actuation of KEYLESS-GO start/ stop button (S2/3) (Initial state: circuit 15R, circuit 15 and engine are Off)	Status after actuating KEYLESS-GO start/stop button (S2/3)	Status after actuating KEYLESS-GO start/stop button (S2/3) Preconditions: • Driver open opened after actuation • Service brake not applied during actuation	Status after actuating KEYLESS-GO start/stop button (S2/3) Preconditions: • Driver door remains closed after actuation • Service brake not actuated during actuation
1st actuation	Circuit 15 On, engine is started Preconditions: • Foot brake actuated • Selector lever in position P or N	Circuit 15R On	Circuit 15R On
2nd actuation	Circuit 15R On, engine is switched off Preconditions: • Doors closed • Selector lever in position P or N	Circuit 15 On	Circuit 15 On
3rd actuation	Circuit 15 On, engine is started Preconditions: • Service brake operated • Selector lever in position P or N	Circuit 15 Off Circuit 15R Off Circuit 15C Off	Circuit 15 Off Circuit 15R Off Circuit 15C On

Transmitter key, task/design/function		GF80.57-P-4101T
Keyless-Go control unit, location/task	Left door Keyless-Go control unit	GF80.61-P-4105Q
	Right door Keyless-Go control unit	GF80.61-P-4105QA
	Rear module Keyless-Go control unit	GF80.61-P-4105QB
Electronic ignition switch control unit,		GF80.57-P-4120Q
location/task		