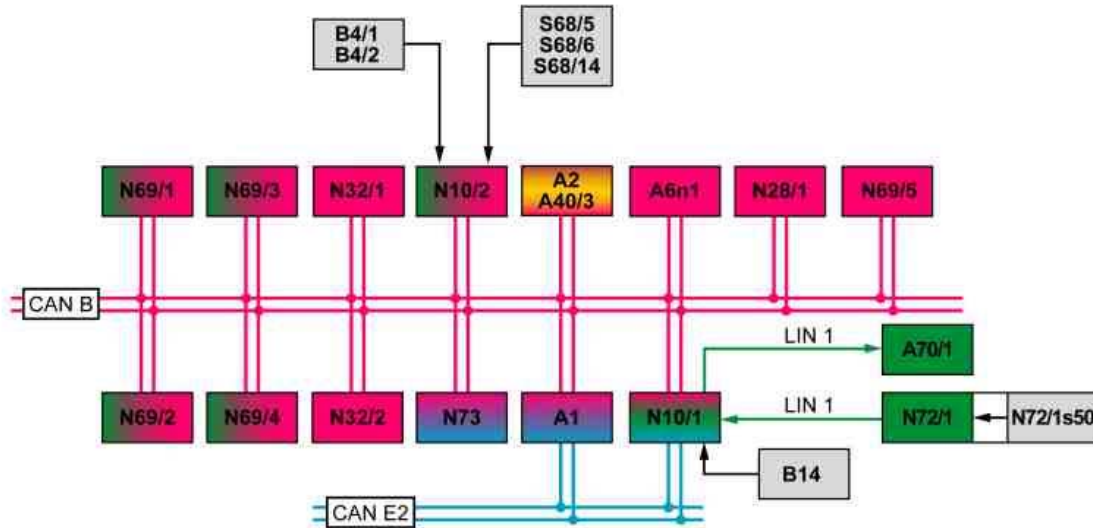
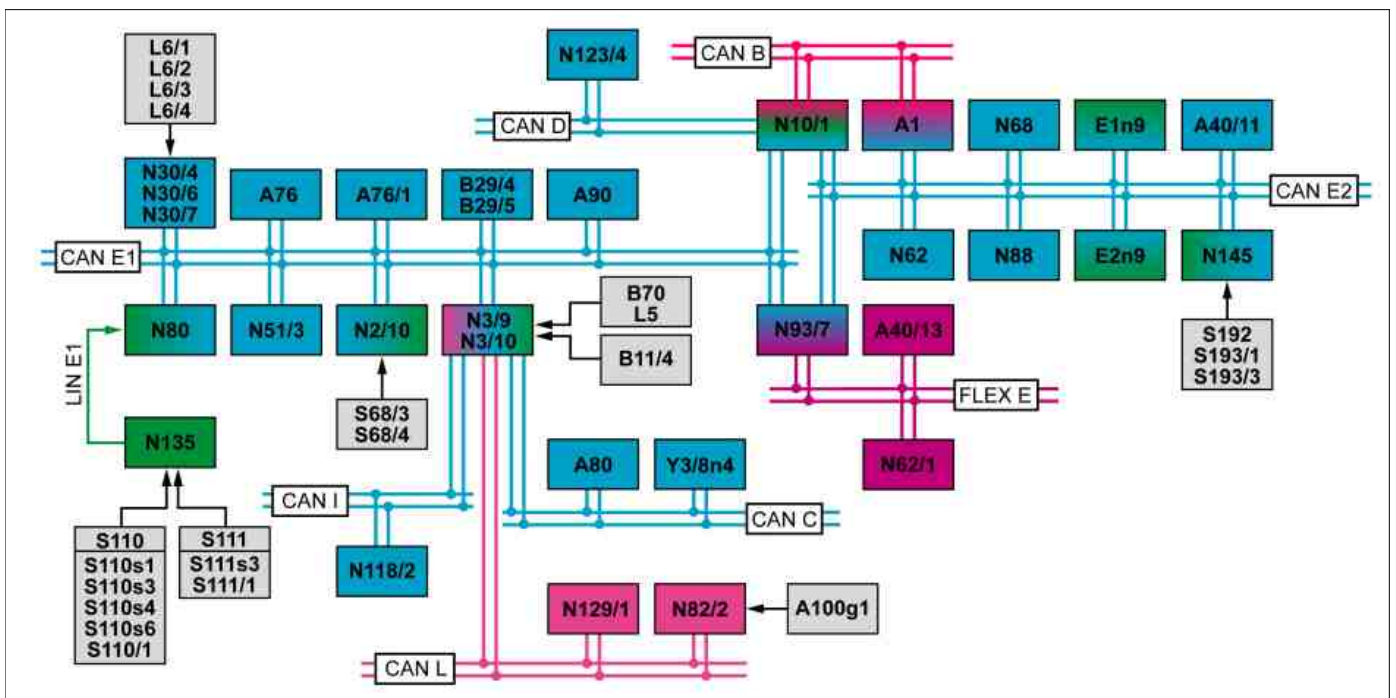


B70	Crankshaft Hall sensor (with engine 156, 157, 271, 272, 273, 276, 278, 642, 651 with CODE B03 (ECO start/stop function))	S68/6	Right rear seat belt buckle switch
E1n1	Left xenon light control unit (with CODE 615 (Bi-xenon headlamp unit with integrated curve illumination) or CODE 616 (Bi-xenon headlamp unit with integrated asymmetric curve illumination) or CODE 621 (Intelligent Light System (left-hand traffic)) or CODE 622 (Intelligent Light System (right-hand traffic)))	S68/14	Center rear seat belt buckle switch (except CODE 224 (Design individual rear seat system))
E2n1	Right xenon light control unit (with CODE 615 (Bi-xenon headlamp unit with integrated curve illumination) or CODE 616 (Bi-xenon headlamp unit with integrated asymmetric curve illumination) or CODE 621 (Intelligent Light System (left-hand traffic)) or CODE 622 (Intelligent Light System (right-hand traffic)))	S110	Left multifunction steering wheel button group
L5	Crankshaft position sensor (with engine 651 except CODE B03 (ECO start/stop function) or engine 271.958 with CODE 924 (Bivalent natural gas drive))	S110s1	Scroll forward/back button
L6/1	Left front axle rpm sensor	S110s3	System selection button
L6/2	Right front axle rpm sensor	S110s4	"Back" and voice control system OFF button
L6/3	Left rear axle rpm sensor	S110s6	OK button
L6/4	Right rear axle rpm sensor	S110/1	Steering wheel downshift button
N2/10	Supplemental restraint system control unit	S111	Right multifunction steering wheel button group
N3/9	CDI control unit (with diesel engine)	S111s3	Accept/terminate phone call button
N3/10	ME-SFI control unit (with gasoline engine)	S111/1	Steering wheel upshift button
N10/1	Front SAM control unit with fuse and relay module	S192	Transmission mode rotary switch (on model 212.074/077/274/277)
N10/2	Rear SAM control unit with fuse and relay module	S193/1	AMG ESP Sport Off button (on model 212.074/077/274/277)
N15/3	Electronic transmission-control control unit (on transmission 722.6)	S193/3	AMG button (on model 212.074/077/274/277)
N15/5	Electronic selector lever module control unit (with transmission 722.6)	Y3/8n4	Fully integrated transmission control unit (for transmission 722.9, 724)
N28/1	Trailer recognition control unit (with CODE 550 (Trailer hitch))	CAN B	Interior CAN
N30/4	Electronic Stability Program control unit (model 212 (except 212.074/077/095/098/274/277/298) except CODE 233 (DISTRONIC PLUS))	CAN C	Drive train CAN
N30/6	Regenerative braking system control unit (model 212.095/098/298)	CAN D	Diagnostic CAN
N30/7	Premium Electronic Stability Program control unit (model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/077/274/277)	CAN E	Chassis CAN
N32/1	Driver seat control unit (with CODE 275 (Electrically adjustable front seat memory package))	CAN G	Front end CAN
N32/2	Front passenger seat control unit (with CODE 275 (Memory package for electrically adjustable front seats))	CAN H	Vehicle dynamics CAN
N51/3	AIRmatic control unit (with CODE 489 (AIRmatic (air suspension with continuously adjustable damping)) or CODE 488 (Steel/air suspension))	CAN L	Hybrid CAN
N62	Parking system control unit (with CODE 220 (PARKTRONIC) or CODE 230 (Exclusive Parking Assist))	LIN 1	Instrument panel LIN
N62/1	Radar sensors control unit (up to 31.05.2010 with CODE 233 (DISTRONIC PLUS) or CODE 234 (Blind Spot Assist))	LIN E1	Steering LIN
N62/2	Video and radar sensor system control unit (as of 01.06.2010 with CODE 233 (DISTRONIC PLUS) or CODE 237 (Active Blind Spot Assist) or CODE 238 (Active Lane Keeping Assist))		



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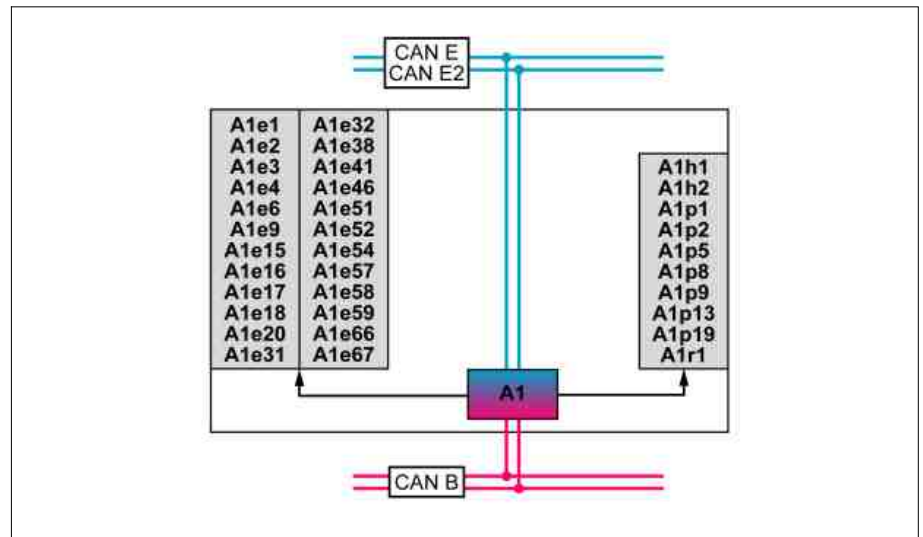
As of 01.03.2013

A1	Instrument cluster	N69/3	Left rear door control unit
A2	Radio (with CODE 523 (MB Audio 20 radio) or CODE 510 (Audio 20 with CD changer) or CODE 505 (20 NTG5 radio without navigation capability) or CODE 522 (Audio 20 radio))	N69/4	Right rear door control unit
A6n1	Stationary heater control unit (with CODE (228) Stationary heater)	N69/5	KEYLESS-GO control unit (with CODE 889 (Keyless-Go))
A40/3	COMAND controller unit (with CODE 512 (COMAND APS incl. DVD changer) or CODE 526 (COMAND with single DVD drive (without navigation)) or CODE 527 (COMAND APS with single DVD drive (with navigation)) or CODE 528 (COMAND incl. DVD changer) or CODE 531 (COMAND APS))	N72/1	Upper control panel control unit

A40/11	Multifunction camera (with CODE 476 (Lane Keeping Assist), CODE 513 (Traffic sign recognition) or CODE 628 (AUTOMATIC HIGH BEAM CONTROL PLUS (IHC+)) and except CODE 23P (Driving assistance package Plus))	N72/1s50	ECO start/stop function button (with code B03 (ECO start/stop function))
A40/13	Stereo multifunction camera (with CODE 628 (AUTOMATIC HIGH BEAM CONTROL PLUS (IHC+)) or CODE 513 (Traffic sign recognition) and CODE 23P (Driving assistance package Plus))	N73	Electronic ignition switch control unit
A70/1	Analog clock	N80	Steering column module control unit
A76	Left front reversible emergency tensioning retractor	N82/2	Battery management system control unit (on model 212.095/098/298)
A76/1	Right front reversible emergency tensioning retractor	N88	Tire pressure monitor control unit (with CODE 475 (Tire pressure monitor (Premium)), Schrader)
A80	Intelligent servo module for DIRECT SELECT (with transmission 722.9)	N93/7	Chassis gateway control unit (with CODE 23P (Driving assistance package Plus))
A90	COLLISION PREVENTION ASSIST controller unit (with CODE 258 (Collision Prevention Assist) or CODE 258 (COLLISION PREVENTION ASSIST PLUS))	N118/2	CNG control unit (with engine 274.9 with CODE 924 (Bivalent natural gas drive))
A100g1	High-voltage battery (on model 212.095/098/298)	N123/4	Emergency call system control unit (with code 348 (Emergency call/assist system))
B4/1	Left fuel level indicator sensor	N129/1	Power electronics control unit (on model 212.095/098/298)
B4/2	Right fuel level indicator sensor	N135	Steering wheel electronics
B11/4	Coolant temperature sensor	N145	Transmission mode control unit (with transmission 722.931/971)
B14	Outside temperature sensor	S68/3	Driver seat belt buckle restraint system switch
B29/4	Left rear bumper intelligent radar sensor system (with CODE 234 (Blind Spot Assist))	S68/4	Front passenger seat belt buckle restraint system switch
B29/5	Right rear bumper intelligent radar sensor system (with CODE 234 (Blind Spot Assist))	S68/5	Left rear seat belt buckle switch
B70	Crankshaft Hall sensor (with engine 157, 271, 272, 276, 278, 642, 651 with CODE B03 (ECO start/stop function))	S68/6	Right rear seat belt buckle switch
E1n9	Left headlamp control unit	S68/14	Center rear seat belt buckle switch (except CODE 224 (Design individual rear seat system))
E2n9	Right headlamp control unit	S110	Left multifunction steering wheel button group
L5	Crankshaft position sensor (with engine 651 except CODE B03 (ECO start/stop function) or engine 274.9 with CODE 924 (Bivalent natural gas drive))	S110s1	Scroll forward/back button
L6/1	Left front axle rpm sensor	S110s3	System selection button
L6/2	Right front axle rpm sensor	S110s4	"Back" and voice control system OFF button
L6/3	Left rear axle rpm sensor	S110s6	OK button
L6/4	Right rear axle rpm sensor	S110/1	Steering wheel downshift button
N2/10	Supplemental restraint system control unit	S111	Right multifunction steering wheel button group
N3/9	CDI control unit (with diesel engine)	S111s3	Accept/terminate phone call button
N3/10	ME-SFI control unit (with gasoline engine)	S111/1	Steering wheel upshift button
N10/1	Front SAM control unit with fuse and relay module	S192	Transmission mode rotary switch (on model 212.074/075/076/092/274/275/276/292)
N10/2	Rear SAM control unit with fuse and relay module	S193/1	AMG ESP Sport Off button (on model 212.074/075/076/092/274/275/276/292)
N28/1	Trailer recognition control unit (with CODE 550 (Trailer hitch))	S193/3	AMG button (on model 212.074/075/076/092/274/275/276/292)
N30/4	Electronic Stability Program control unit (model 212 (except 212.074/075/076/092/095/098/274/275/276/292/298) except CODE 233 (DISTRONIC PLUS))	Y3/8n4	Fully integrated transmission control unit (with transmission 722.9, 724, 725)
N30/6	Regenerative braking system control unit (model 212.095/098/298)	CAN B	Interior CAN
N30/7	Premium Electronic Stability Program control unit (model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/092/274/275/276/292)	CAN C	Drive train CAN
N32/1	Driver seat control unit (with CODE 275 (Electrically adjustable front seat memory package))	CAN D	Diagnostic CAN
N32/2	Front passenger seat control unit (with CODE 275 (Memory package for electrically adjustable front seats))	CAN E1	Chassis CAN 1
N51/3	AIRmatic control unit (with CODE 489 (AIRmatic (air suspension with continuously adjustable damping)) or CODE 488 (Steel/air suspension))	CAN E2	Chassis CAN 2
N62	Parking system control unit (with CODE 235 (Active Parking Assist))	CAN I	Drive train sensor CAN
N62/1	Radar sensors control unit (with CODE 23P (Driving assistance package Plus))	CAN L	Hybrid CAN
N68	Electrical power steering control unit	Flex E	Chassis FlexRay
N69/1	Left front door control unit	LIN 1	Instrument panel LIN
N69/2	Right front door control unit	LIN E1	Steering LIN

Display elements

A1	Instrument cluster
A1e1	Left turn signal indicator light
A1e2	Right turn signal indicator light
A1e3	High beam indicator lamp
A1e4	Fuel reserve indicator lamp
A1e6	Brake fluid and parking brake indicator lamp
A1e9	Seat belt warning lamp
A1e15	Supplemental restraint system indicator lamp
A1e16	Preglow indicator lamp (on diesel engine)
A1e17	Antilock brake system indicator lamp
A1e18	Rear fog lamp indicator lamp
A1e20	Regenerative braking system indicator lamp (model 212.095/098/298 with CODE 494 (USA version))
A1e31	CNG indicator lamp (model 212.035/041)
A1e32	ESP®/ASR OFF warning lamp
A1e38	Standing lights indicator lamp (as of 01.03.2013)
A1e41	Electronic Stability Program warning lamp
A1e46	ESP SPORT indicator lamp (model 212.074/075/076/077/092/274/275/276/277/292)
A1e51	Brake system warning lamp (as of 01.12.2009 except CODE 494 (USA version))
A1e52	COLLISION PREVENTION ASSIST warning lamp (with CODE 258 (Collision Prevention Assist) or CODE 258 (COLLISION PREVENTION ASSIST PLUS))
A1e54	Coolant temperature warning lamp
A1e57	Front fog lamps indicator lamp
A1e58	Engine diagnosis indicator lamp
A1e59	DISTRONIC warning lamp (with CODE 233 (DISTRONIC PLUS))
A1e66	Tire pressure monitor warning lamp (with CODE 475 (Tire pressure monitor (Premium)), Schrader)
A1e67	Low beam indicator lamp
A1h1	Warning buzzer
A1h2	Turn signal light function check, acoustic
A1p1	Coolant temperature gauge
A1p2	Fuel level indicator
A1p5	Tachometer
A1p8	Speedometer
A1p9	Analog clock (up to 28.02.2013)
A1p13	Multifunction display
A1p19	Display for power display (model 212.095/098/298)
A1r1	Instrument illumination brightness control
CAN B	Interior CAN
CAN E	Chassis CAN (up to 28.02.2013)
CAN E2	Chassis CAN 2 (as of 01.03.2013)



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Instrument cluster, general

The instrument cluster notifies the driver of all dynamic and static driving conditions as well as about the current condition of the systems installed in the vehicle.

- Permanent displays (e.g. vehicle speed, rotational speed, tank contents)
- Indicator lamps (green, yellow or blue) (e.g. turn signal, high beams)

In the event of faulty vehicle functions or functions relevant to safety, corresponding warnings are issued via the instrument cluster. The following displays are incorporated into the instrument cluster in order to be able to convey information to the driver:

The function description for the "Instrument cluster (KI) function" contains the following functions:

- **Function sequence for activate instrument cluster**
- **Function sequence for indicator lamp test**

The following functions are also possible; they are described in separate documents:

- **Control/warning messages, function**

Function sequence for activate instrument cluster

For the following events the background illumination of the multifunction display in the instrument cluster is activated:

- Unlocking vehicle using radio or infrared
- Driver door opened
- Change in circuit 15C status

Additional function requirements for indicator lamp test

- Terminal 15 ON

Function sequence for indicator lamp test

The indicator lamp test serves the function test of certain warning lamps and indicator lamps in the instrument cluster.

The instrument cluster carries out this test automatically each time circuit 15 is switched on. The circuit 15 status is sent by the electronic ignition lock control unit over the interior CAN to the instrument cluster.

The function of the following warning and indicator lamps is checked during the indicator lamp test:

- Fuel reserve indicator lamp
- Brake fluid and parking brake indicator lamp
- Seat belt warning lamp
- Supplemental restraint system indicator lamp
- Antilock brake system indicator lamp
- Regenerative braking system indicator lamp (on model 212.095/098/298 with CODE 494 (USA version))
- ESP®/ASR OFF warning lamp
- Electronic Stability Program warning lamp
- ESP SPORT indicator lamp (model 212.074/075/076/077/092/274/275/276/277/292)
- Brake system warning lamp (as of 01.12.2009 except CODE 494 (USA version))
- COLLISION PREVENTION ASSIST warning lamp (with CODE 258 (Collision Prevention Assist) or CODE 258 (COLLISION PREVENTION ASSIST PLUS))

- Warning lamps (red) (e.g. coolant level, brake fluid level)
- Multifunction display (e.g. outside temperature indicator, travel distance display)

- **Display operating conditions, function**
- **Comfort displays, function**
- **Trip computer, function**
- **Settings on workshop level, function**

On vehicles up to 28.02.2013 and on vehicles as of 01.03.2013 with CODE 954 (Avantgarde), the background illumination of the multifunction display and the scale illumination of the instrument cluster are activated when the following events occur:

- Standing lights ON
- Circuit 15R ON

i After switching off circuit 15R, the instrument cluster remains active for t = 30 s. If a fault exists this time is increased to t = 120 s.

- Coolant temperature warning lamp
- Engine diagnosis indicator lamp
- DISTRONIC warning lamp (with CODE 233 (DISTRONIC PLUS))
- Tire pressure monitor warning lamp (with CODE 475 (Tire pressure monitor (Premium)), Schrader)

i The indicator lamp test is terminated when the engine is started.

The function of the following indicator lamps is not checked:

- Left turn signal indicator light
- Right turn signal indicator light
- High beam indicator lamp
- Preglow indicator lamp (on diesel engine)
- Rear fog lamp indicator lamp
- CNG indicator lamp (model 212.035/041)
- Standing lights indicator lamp (as of 01.03.2013)
- Front fog lamps indicator lamp
- Low beam indicator lamp

i Detailed information on the warning and indicator lamps are available in the "Instrument cluster component description" document.

	Instrument cluster (IC), operating information	MODEL 212 up to model year 2014 MODEL 212 as of model year 2014	GF54.30-P-0002-05FL GF54.30-P-0002-05FLM
	Control/warning messages, function	MODEL 212 up to model year 2014 MODEL 212 as of model year 2014	GF54.30-P-2001FL GF54.30-P-2001FLM
	Display operating conditions, function		GF54.30-P-3041FL
	Comfort displays, function		GF54.30-P-3043FL
	Trip computer, function		GF54.30-P-3044FL
	Settings on workshop level, function		GF54.30-P-2020FL