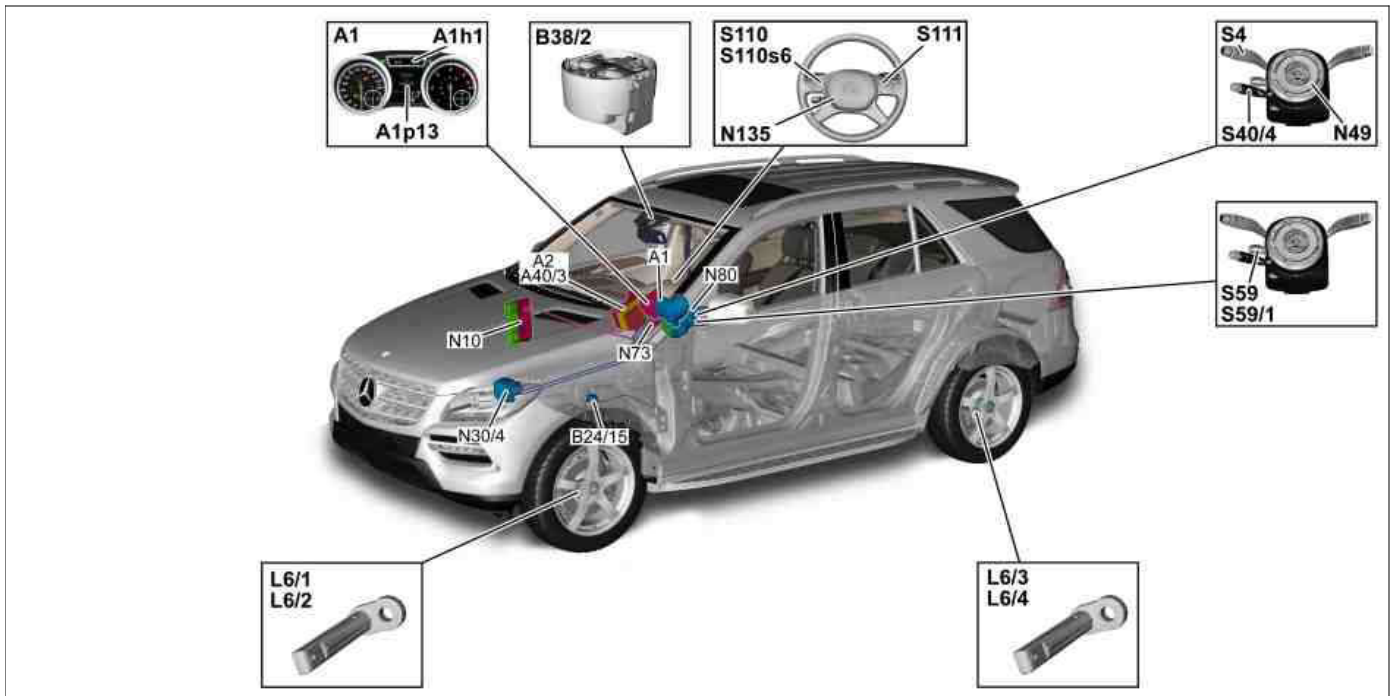


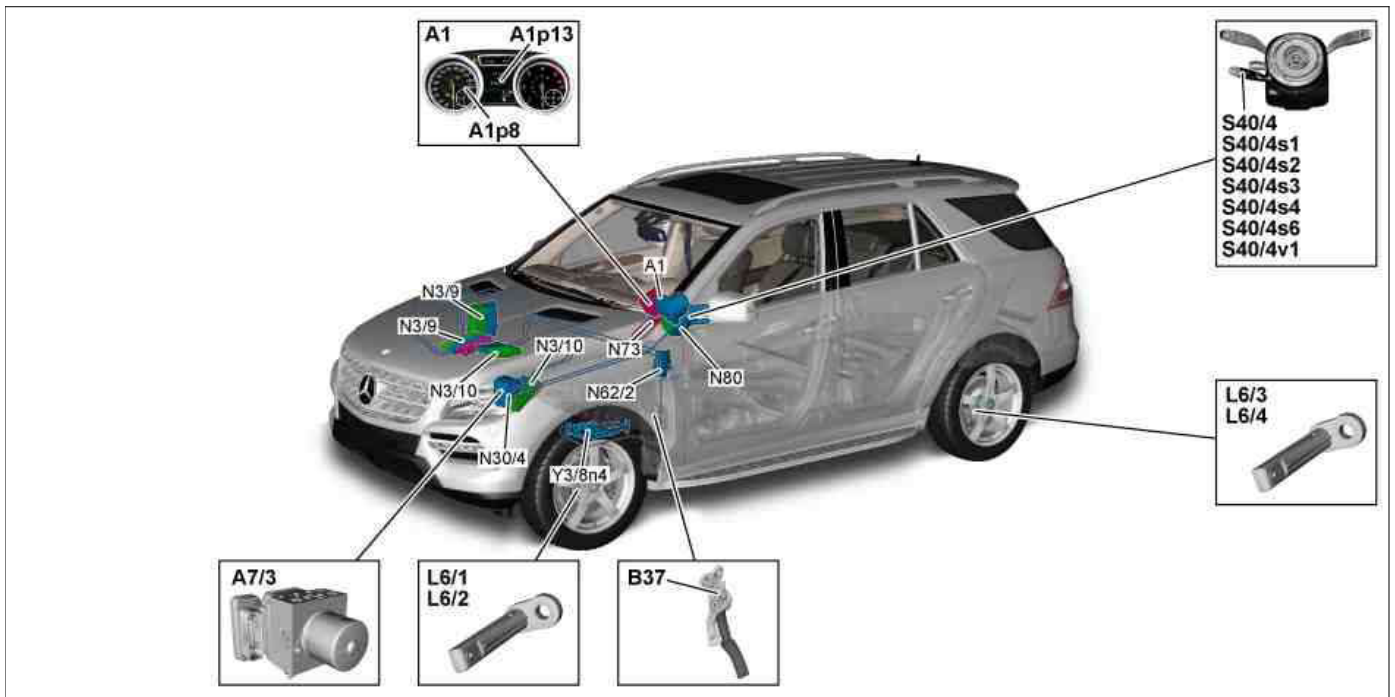
Model 166
up to model year 2016



P54.00-2824-79

Attention assistance system, shown on model 166.0

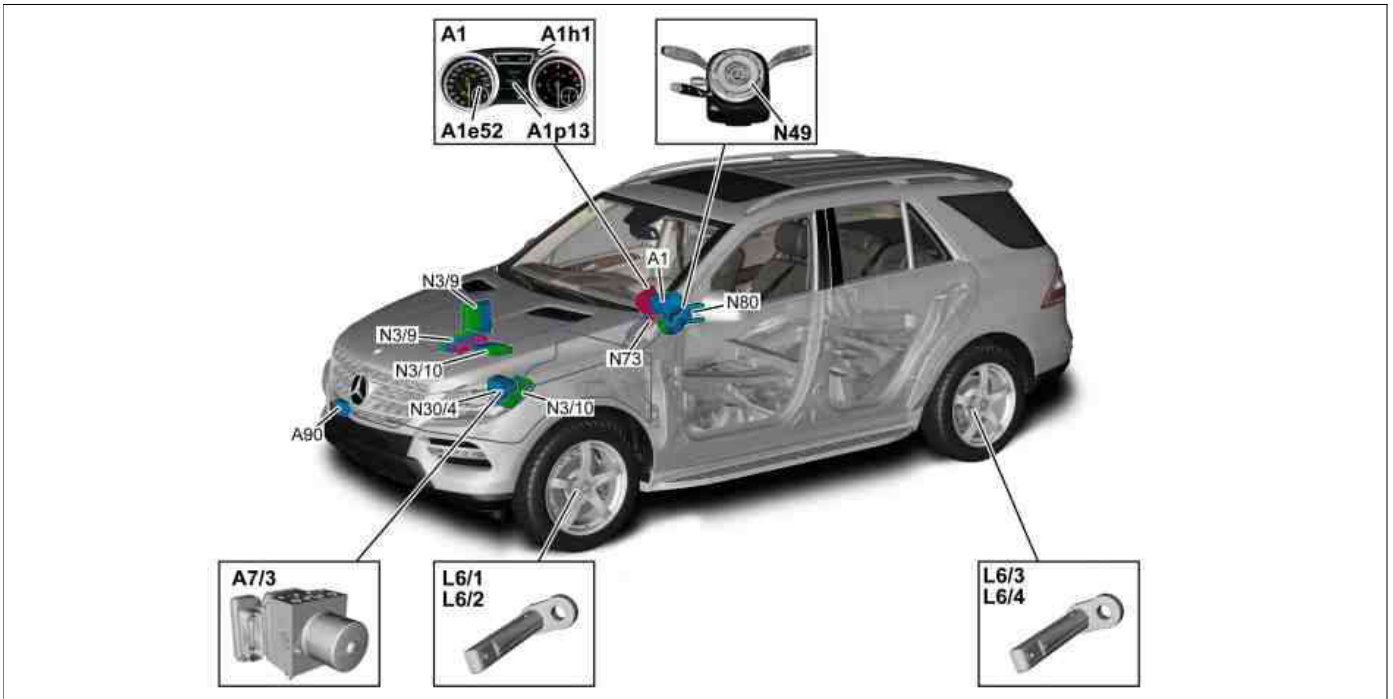
A1	Instrument cluster	N30/4	Electronic Stability Program control unit
A1h1	Warning buzzer	N49	Steering wheel angle sensor
A1p13	Multifunction display	N73	Electronic ignition switch control unit
A2	Radio (with CODE 510 (Audio 20 with CD changer) or CODE 523 (MB Audio 20 radio))	N80	Steering column module control unit
A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation)) or CODE 528 (COMAND incl. DVD changer))	N135	Steering wheel electronics
B24/15	Yaw rate sensor for lateral and longitudinal acceleration	S4	Combination switch
B38/2	Rain/light sensor	S40/4	Cruise control lever
L6/1	Left front axle rpm sensor	S59	Steering column adjustment switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)), except CODE 443 (Steering wheel heater))
L6/2	Right front axle rpm sensor	S59/1	Steering column adjustment and steering wheel heater switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)) and CODE 443 (Steering wheel heater))
L6/3	Left rear axle rpm sensor	S110	Left multifunction steering wheel button group
L6/4	Right rear axle rpm sensor	S110s6	OK button
N10	SAM control unit	S111	Right multifunction steering wheel button group



P54.00-2823-79

CRUISE CONTROL, shown on model 166.0

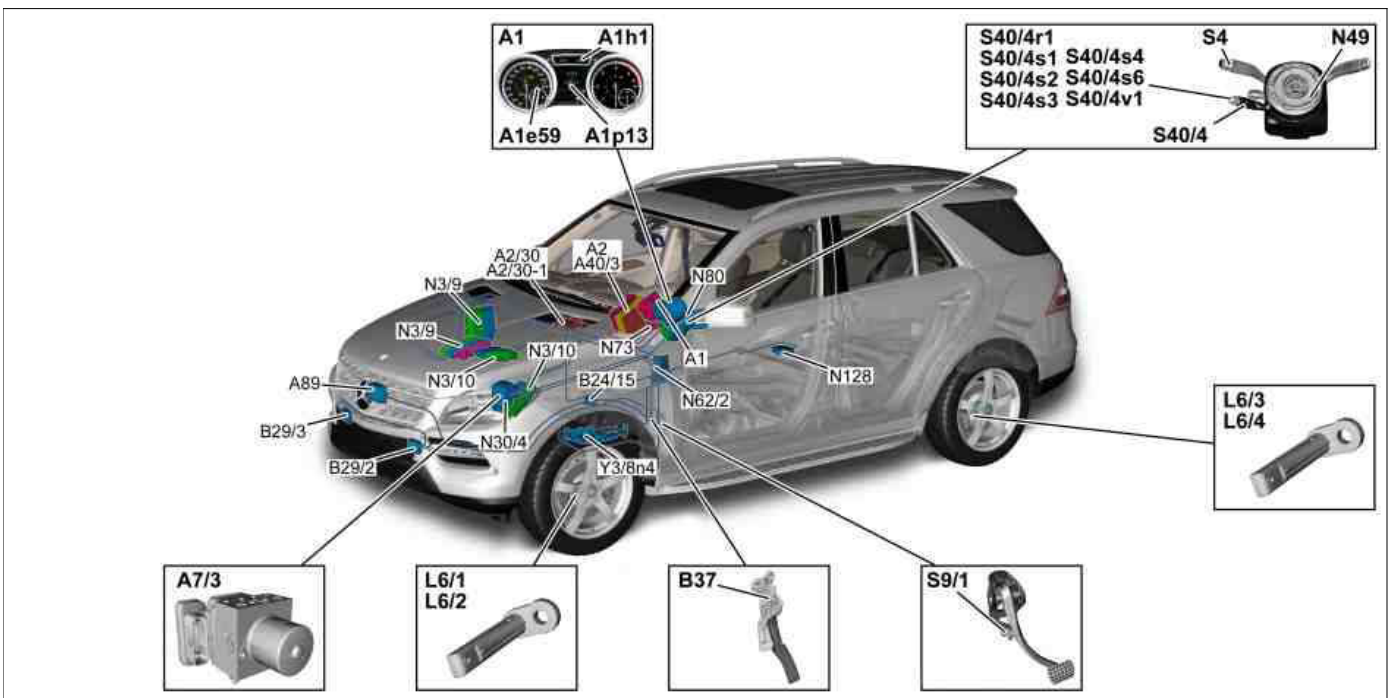
A1	Instrument cluster	N62/2	Video and radar sensor system control unit (with CODE 233 (DISTRONIC PLUS), CODE 237 (Active Blind Spot Assist) or CODE 238 (Active Lane Keeping Assist))
A1p8	Speedometer	N73	Electronic ignition switch control unit
A1p13	Multifunction display	N80	Steering column module control unit
A7/3	Traction system hydraulic unit	S40/4	Cruise control lever
B37	Accelerator pedal sensor	S40/4s1	Resume from memory switch
L6/1	Left front axle rpm sensor	S40/4s2	Decelerate and set switch
L6/2	Right front axle rpm sensor	S40/4s3	Accelerate and set switch
L6/3	Left rear axle rpm sensor	S40/4s4	OFF switch
L6/4	Right rear axle rpm sensor	S40/4s6	SPEEDTRONIC switch (without CODE 494 (USA version))
N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)	S40/4v1	SPEEDTRONIC LED (except CODE 494 (USA version))
N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)	Y3/8n4	Fully integrated transmission control control unit
N30/4	Electronic Stability Program control unit		



P30.30-2407-79

COLLISION PREVENTION ASSIST (with CODE 252 (COLLISION PREVENTION ASSIST)), shown on model 166.0

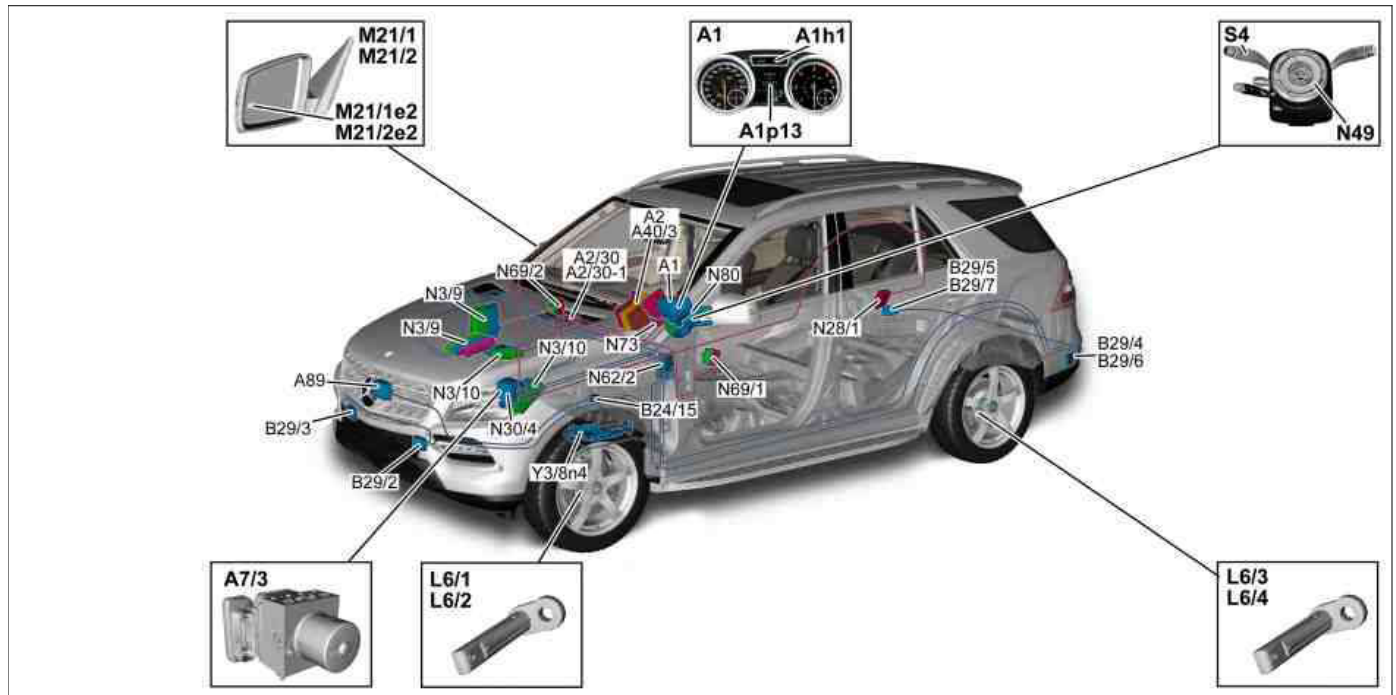
- | | | | |
|-------|---|-------|--|
| A1 | Instrument cluster | L6/3 | Left rear axle rpm sensor |
| A1e52 | COLLISION PREVENTION ASSIST warning lamp | L6/4 | Right rear axle rpm sensor |
| A1h1 | Warning buzzer | N3/9 | CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center) |
| A1p13 | Multifunction display | N3/10 | ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center) |
| A7/3 | Traction system hydraulic unit | N30/4 | Electronic Stability Program control unit |
| A90 | COLLISION PREVENTION ASSIST controller unit | N49 | Steering wheel angle sensor |
| L6/1 | Left front axle rpm sensor | N73 | Electronic ignition switch control unit |
| L6/2 | Right front axle rpm sensor | N80 | Steering column module control unit |



P54.00-2825-79

DISTRONIC PLUS incl. BAS PLUS and PRE-SAFE® brake (with CODE 233 (DISTRONIC PLUS)), shown on model 166.0

A1	Instrument cluster	N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)
A1e59	DISTRONIC warning lamp	N30/4	Electronic Stability Program control unit
A1h1	Warning buzzer	N49	Steering wheel angle sensor
A1p13	Multifunction display	N62/2	Video and radar sensor system control unit
A2	Radio (with CODE 523 (MB Audio 20 radio) or CODE 510 (Audio 20 with CD changer))	N73	Electronic ignition switch control unit
A2/30	Navigation module (with CODE 509 (Navigation box))	N80	Steering column module control unit
A2/30-1	Cradle for navigation module (with CODE 508 (Navigation box preinstallation) or CODE 509 (Navigation box))	N128	Electric parking brake control unit
A7/3	Traction system hydraulic unit	S4	Combination switch
A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation)))	S9/1	Stop lamp switch
A89	DISTRONIC electric controller unit	S40/4	Cruise control lever
B24/15	Yaw rate sensor for lateral and longitudinal acceleration	S40/4r1	DISTRONIC control
B29/2	DISTRONIC sensor (DTR) / left front bumper	S40/4s1	Resume from memory switch
B29/3	DISTRONIC sensor (DTR) / right front bumper	S40/4s2	Decelerate and set switch
B37	Accelerator pedal sensor	S40/4s3	Accelerate and set switch
L6/1	Left front axle rpm sensor	S40/4s4	OFF switch
L6/2	Right front axle rpm sensor	S40/4s6	SPEEDTRONIC switch (without CODE 494 (USA version))
L6/3	Left rear axle rpm sensor	S40/4v1	SPEEDTRONIC LED (except CODE 494 (USA version))
L6/4	Right rear axle rpm sensor	Y3/8n4	Fully integrated transmission control control unit
N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)		

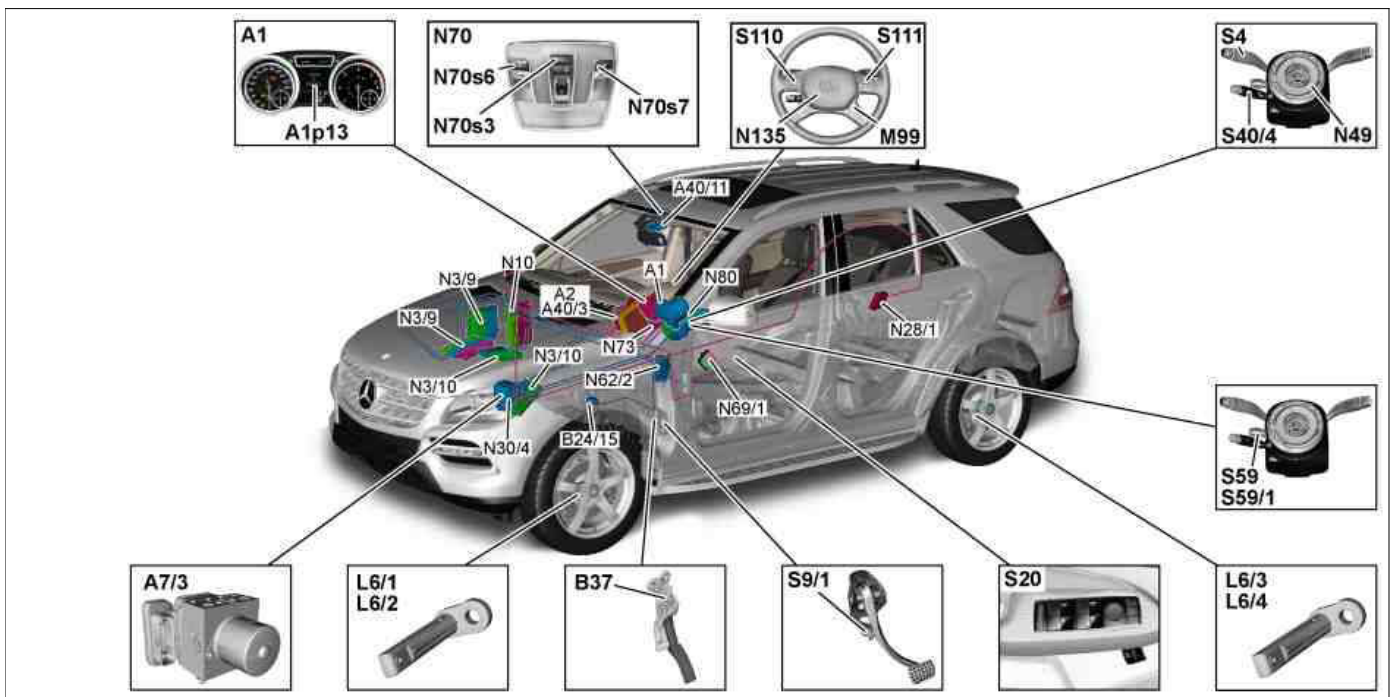


P54.00-2822-79

Blind Spot Assist (with CODE 234 (Blind Spot Assist) or CODE 237 (Active Blind Spot Assist)), shown on model 166.0

A1	Instrument cluster	L6/3	Left rear axle rpm sensor
A1h1	Warning buzzer	L6/4	Right rear axle rpm sensor
A1p13	Multifunction display	M21/1	Left outside mirror
A2	Radio (with CODE 523 (MB Audio 20 radio) or CODE 510 (Audio 20 incl. CD changer)) (radar sensor system deactivation in Western Europe (model 166.0 to 30.11.2012, model 166.8 up to 30.06.2013 with CODE 234 (Blind Spot Assist)))	M21/1e2	Left Blind Spot Assist readiness and warning indicator

A2/30	Navigation module (with CODE 509 (Navigation box)) (radar sensor system deactivation in Western Europe (model 166.0 up to 30.11.2012, model 166.8 up to 30.06.2013 with CODE 234 (Blind Spot Assist)))	M21/2	Right outside mirror
A2/30-1	Holder for navigation module (with CODE 508 (Navigation box preinstallation) or CODE 509 (Navigation box)) (radar sensor system deactivation in Western Europe (model 166.0 up to 30.11.2012, model 166.8 up to 30.06.2013 with CODE 234 (Blind Spot Assist)))	M21/2e2	Right Blind Spot Assist readiness and warning indicator
A7/3	Traction system hydraulic unit	N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)
A40/3	COMAND controller unit (with CODE 512 (COMAND APS incl. DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation))) (radar sensor system deactivation in Western Europe (model 166.0 up to 30.11.2012, model 166.8 up to 30.06.2013 with CODE 234 (Blind Spot Assist)))	N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)
A89	DISTRONIC electric controller unit (with CODE 237 (Active Blind Spot Assist))	N28/1	Trailer recognition control unit (with CODE 550 (Trailer hitch))
B24/15	Yaw rate sensor for lateral and longitudinal acceleration (with CODE 237 (Active Blind Spot Assist))	N30/4	Electronic Stability Program control unit
B29/2	DISTRONIC (DTR) sensor on left front bumper (with CODE 237 (Active Blind Spot Assist))	N49	Steering wheel angle sensor (for Active Blind Spot Assist function, with CODE 237 (Active Blind Spot Assist))
B29/3	DISTRONIC (DTR) sensor on right front bumper (with CODE 237 (Active Blind Spot Assist))	N62/2	Video and radar sensor system control unit (with CODE 237 (Active Blind Spot Assist))
B29/4	Left rear bumper intelligent radar sensor system (with CODE 234 (Blind Spot Assist))	N69/1	Left front door control unit
B29/5	Right rear bumper intelligent radar sensor system (with CODE 234 (Blind Spot Assist))	N69/2	Right front door control unit
B29/6	Left rear bumper radar sensor (with CODE 237 (Active Blind Spot Assist))	N73	Electronic ignition switch control unit
B29/7	Right rear bumper radar sensor (with CODE 237 (Active Blind Spot Assist))	N80	Steering column module control unit
L6/1	Left front axle rpm sensor	S4	Combination switch
L6/2	Right front axle rpm sensor	Y3/8n4	Fully integrated transmission control control unit

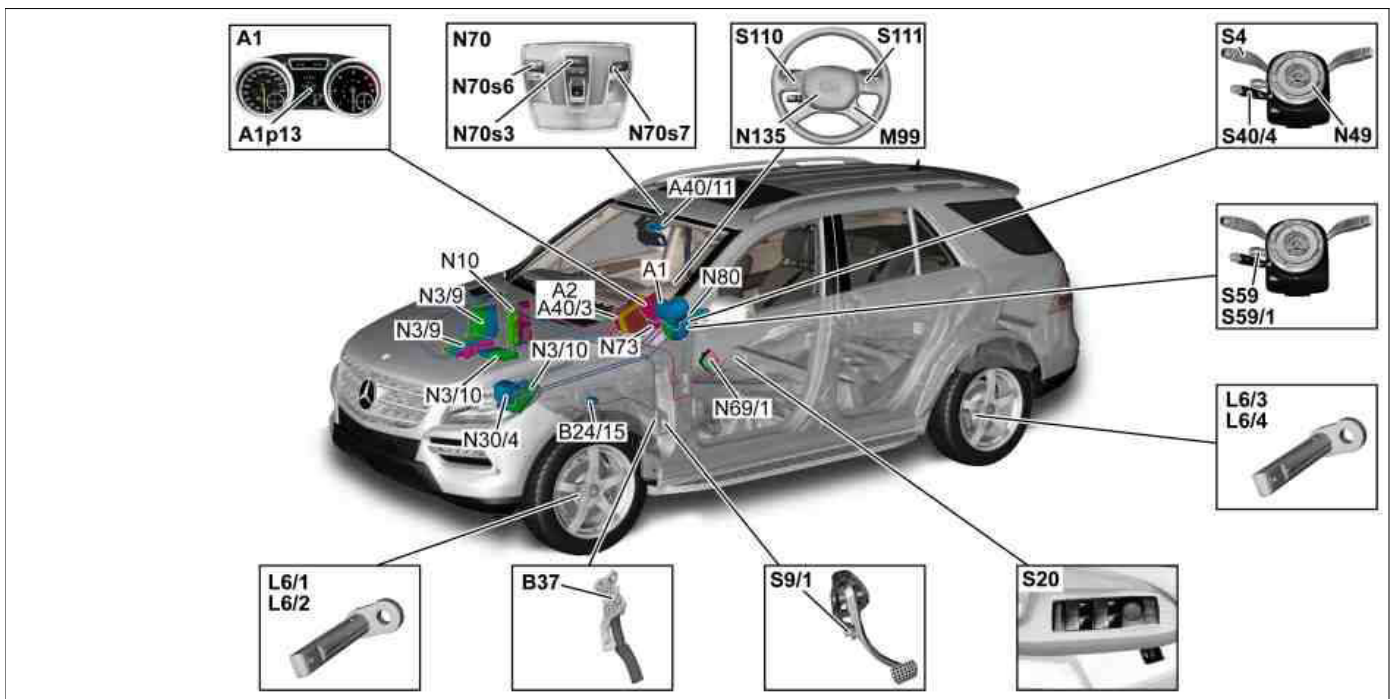


P54.00-2819-79

Active Lane Keeping Assist (with CODE 238 (ACTIVE LANE KEEPING ASSIST)); show on model 166.0

A1	Instrument cluster	N49	Steering wheel angle sensor
A1p13	Multifunction display	N62/2	Video and radar sensor system control unit
A2	Radio (with CODE 510 (Audio 20 with CD changer) or CODE 523 (MB Audio 20 radio))	N69/1	Left front door control unit
A7/3	Traction system hydraulic unit	N70	Overhead control panel control unit

A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation)))	N70s3	Interior lamp automatic function switch
A40/11	Multifunction camera	N70s6	Left front reading lamp switch
B24/15	Yaw rate sensor for lateral and longitudinal acceleration	N70s7	Right front reading lamp switch
B37	Accelerator pedal sensor	N73	Electronic ignition switch control unit
L6/1	Left front axle rpm sensor	N80	Steering column module control unit
L6/2	Right front axle rpm sensor	N135	Steering wheel electronics
L6/3	Left rear axle rpm sensor	S4	Combination switch
L6/4	Right rear axle rpm sensor	S9/1	Stop lamp switch
M99	Steering wheel vibration motor	S20	Driver-side power window and outside mirror adjustment switch group
N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)	S40/4	Cruise control lever
N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)	S59	Steering column adjustment switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)), except CODE 443 (Steering wheel heater))
N10	SAM control unit	S59/1	Steering column adjustment and steering wheel heater switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)) and CODE 443 (Steering wheel heater))
N28/1	Trailer recognition control unit (with CODE 550 (Trailer hitch))	S110	Left multifunction steering wheel button group
N30/4	Electronic Stability Program control unit	S111	Right multifunction steering wheel button group



P54.00-2820-79

Lane Keeping Assist (with CODE 476 (Lane Keeping Assist)), shown on model 166.0

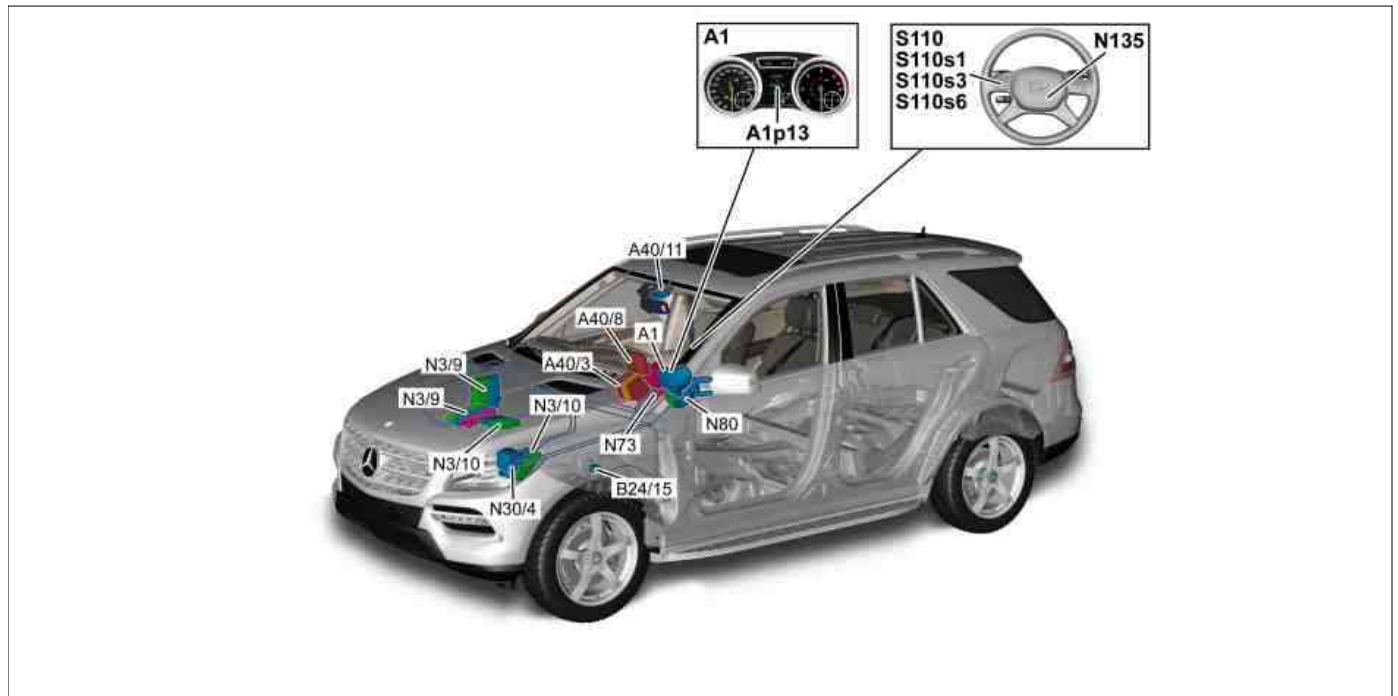
A1	Instrument cluster	N69/1	Left front door control unit
A1p13	Multifunction display	N70	Overhead control panel control unit
A2	Radio (with CODE 510 (Audio 20 with CD changer) or CODE 523 (MB Audio 20 radio))	N70s3	Interior lamp automatic function switch
A40/3	COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation)))	N70s6	Left front reading lamp switch
A40/11	Multifunction camera	N70s7	Right front reading lamp switch
B24/15	Yaw rate sensor for lateral and longitudinal acceleration	N73	Electronic ignition switch control unit
B37	Accelerator pedal sensor	N80	Steering column module control unit
L6/1	Left front axle rpm sensor	N135	Steering wheel electronics
L6/2	Right front axle rpm sensor	S4	Combination switch
L6/3	Left rear axle rpm sensor	S9/1	Stop lamp switch
L6/4	Right rear axle rpm sensor	S20	Driver-side power window and outside mirror adjustment switch group
M99	Steering wheel vibration motor	S40/4	Cruise control lever
N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)	S59	Steering column adjustment switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)), except CODE 443 (Steering wheel heater))

N3/10 ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)

S59/1 Steering column adjustment and steering wheel heater switch (with CODE 275 (Memory package (driver seat, steering column, mirrors)) and CODE 443 (Steering wheel heater))

N10 SAM control unit
 N30/4 Electronic Stability Program control unit
 N49 Steering wheel angle sensor

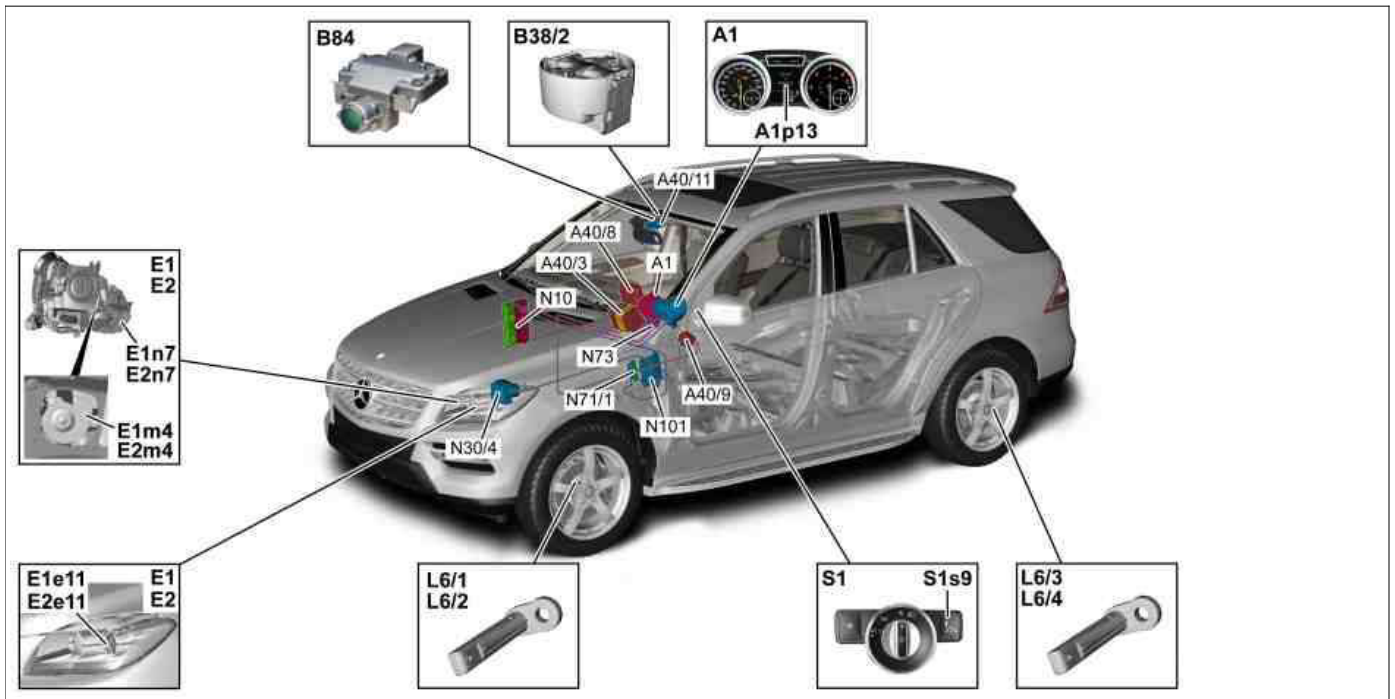
S110 Left multifunction steering wheel button group
 S111 Right multifunction steering wheel button group



P54.00-2821-79

Speed Limit Assist (with CODE 513 (Speed Limit Assist)), shown on model 166.0

A1	Instrument cluster	N30/4	Electronic Stability Program control unit
A1p13	Multifunction display	N73	Electronic ignition switch control unit
A40/3	COMAND control unit	N80	Steering column module control unit
A40/8	Audio/COMAND display	N135	Steering wheel electronics
A40/11	Multifunction camera	S110	Left multifunction steering wheel button group
B24/15	Yaw rate sensor for lateral and longitudinal acceleration	S110s1	Scroll forward/back button
N3/9	CDI control unit (diesel engine: with engine 642 located on right; with engine 651 located at center)	S110s3	System selection button
N3/10	ME-SFI [ME] control unit (gasoline engine, with engine 276 positioned on left, with engine 278 and 157 positioned at center)	S110s6	OK button



P54.32-9286-79

Night View Assist (with CODE 610 (Night View Assist)), shown on model 166.0

- | | | | |
|--------|--|-------|--|
| A1 | Instrument cluster | E2m4 | Right front lamp unit fan motor 1 |
| A1p13 | Multifunction display | E2n7 | Actuation module for right front exterior lights LED |
| A40/3 | COMAND controller unit (with CODE 512 (COMAND APS with DVD changer) or CODE 527 (COMAND APS with single DVD drive (with navigation)) or CODE 528 (COMAND incl. DVD changer)) | L6/1 | Left front axle rpm sensor |
| A40/8 | Audio/COMAND display | L6/2 | Right front axle rpm sensor |
| A40/9 | Audio/COMAND control panel | L6/3 | Left rear axle rpm sensor |
| A40/11 | Multifunction camera | L6/4 | Right rear axle rpm sensor |
| B38/2 | Rain/light sensor | N10 | SAM control unit |
| B84 | Night View Assist camera | N30/4 | Electronic Stability Program control unit |
| E1 | Left front lamp unit | N71/1 | Headlamp control unit |
| E1e11 | Left infrared lamp | N73 | Electronic ignition switch control unit |
| E1m4 | Left front lamp unit fan motor 1 | N101 | Night View Assist control unit |
| E1n7 | Actuation module for left front exterior lights LED | S1 | Exterior lights switch |
| E2 | Right front lamp unit | S1s9 | Night View Assist button |
| E2e11 | Right infrared lamp | | |

	Component description for instrument cluster	A1	GF54.30-P-6000GR
	Component description for the radio	Model 166 up to model year 2016 with code 510 (Audio 20 CD with 6-disc CD changer) Model 166 up to model year 2016 with code 523 (Audio 20 CD) A2	GF82.60-P-3122GRA
	Cradle for navigation module, component description	Model 166 up to model year 2016 with code 508 (Navigation box preinstallation) with code 509 (Navigation box) A2/30-1, A2/30	GF82.85-P-3137GR

	Component description for COMAND controller unit	Model 166 up to model year 2016 with code 512 (COMAND APS with DVD changer) Model 166 up to model year 2016 with code 527 (COMAND APS with single DVD drive (with navigation)) Model 166 up to model year 2016 with code 528 (COMAND with DVD changer) A40/3	GF82.85-P-3136GR
	Component description for Audio/COMAND display	A40/8	GF54.30-P-6150GR
	Component description for Audio/COMAND control panel	A40/9	GF54.21-P-4501GR
	Component description for multifunction camera	Model 166 up to model year 2016 with code 238 (Active lane keeping Assist) Model 166 up to model year 2016 with code 476 (Lane keeping assist) Model 166 up to model year 2016 with code 513 (Speed Limit Assist) Model 166 up to model year 2016 with code 608 (Adaptive Highbeam Assist) A40/11	GF54.21-P-3300GR
	Component description for DISTRONIC electric controller unit	Model 166 up to model year 2016 with code 233 (DISTRONIC PLUS) Model 166 up to model year 2016 with code 237 (Active Blind Spot Assist) A89	GF30.30-P-3213GR
	COLLISION PREVENTION ASSIST controller unit, component description	Model 166 up to model year 2016 with code 252 (COLLISION PREVENTION ASSIST) A90	GF30.30-P-3214GR
	Turn rate, lateral and longitudinal acceleration sensor, component description	B24/15	GF42.45-P-4082GR
	Component description for bumper radar sensors	Model 166 up to model year 2016 with code 233 (DISTRONIC PLUS) Model 166 up to model year 2016 with code 237 (Active Blind Spot Assist) B29/2, B29/3, B29/6, B29/7	GF30.30-P-3302GR
	Component description for intelligent radar sensor control unit	Model 166 up to model year 2016 with code 234 (Blind Spot Monitoring) B29/4, B29/5	GF30.30-P-3305GR
	Component description for CDI control unit	Model 166 with engine 642.8 up to model year 2016 N3/9 Model 166 with engine 651.9 up to 2/28/13 up to model year 2016 N3/9 Model 166 with engine 651.9 as of 3/1/13 up to model year 2016 N3/9	GF07.16-P-6000OGR GF07.16-P-6000OLG GF07.16-P-6000OLL
	Component description for ME-SFI (ME) control unit	Model 166 with engine 276.8 up to model year 2016 N3/10 Model 166 with engine 276.9 up to model year 2016 N3/10 Model 166 with engine 157.9, 278.9 up to model year 2016 N3/10	GF07.61-P-6000MMU GF07.61-P-6000MMG GF07.61-P-6000MMR
	SAM control unit, component description	N10	GF54.21-P-4157GR
	Component description for trailer recognition control unit	Model 166 up to model year 2016 with code 550 (Trailer coupling) N28/1	GF31.19-P-4050GR
	Component description for Electronic Stability Program control unit	N30/4	GF42.45-P-5119GR

	Component description for video and radar sensor system control unit	Model 166 up to model year 2016 with code 233 (DISTRONIC PLUS) Model 166 up to model year 2016 with code 237 (Active Blind Spot Assist) Model 166 up to model year 2016 with code 238 (Active lane keeping Assist) N62/2	GF30.30-P-3304GR
	Component description for left front door control unit	N69/1	GF72.29-P-6001GR
	Component description for right front door control unit	N69/2	GF72.29-P-6009GR
	Component description for overhead control panel control unit	N70	GF82.20-P-5216GR
	Headlamp control unit, component description	Model 166 up to model year 2016 with code 615 (Bi-xenon headlamps with active light function) Model 166 up to model year 2016 with code 621 (Intelligent Light System (left-hand traffic)) Model 166 up to model year 2016 with code 622 (Intelligent Light System) N71/1	GF82.10-P-2020GR
	Component description for the electronic ignition lock control unit	N73	GF80.57-P-6001GR
	Component description for steering column tube module control unit	N80	GF54.21-P-6051GR
	Night View Assist control unit, component description	Model 166 up to model year 2016 with code 610 (Night view assist) N101	GF54.30-P-6200GR
	Electric parking brake control unit, component description	N128	GF42.20-P-5005GR
	Component description for fully integrated transmission control unit	Model 166 with transmission 722.9 up to model year 2016 Y3/8n4	GF27.60-P-5165AHA
	Table of contents for function description of driver assistance systems		GF54.00-P-0998GR