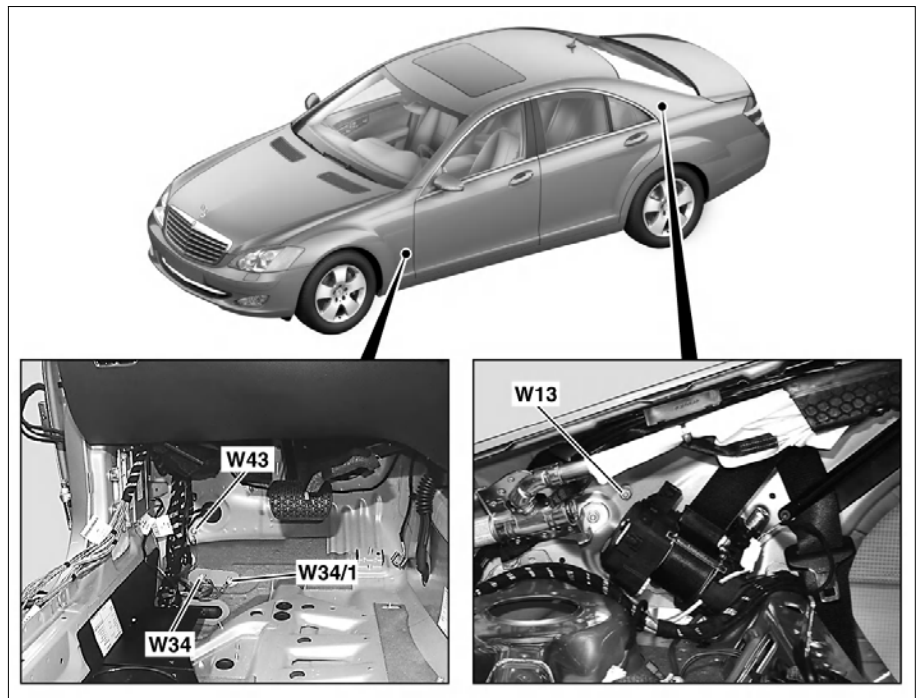




P00.19-3462-09



P00.19-3461-06



P00.19-3896-06

Ground point	Designation	Compo-nent	Designation	Plug Pin
W13	Ground (heated rear window)	→ R1	Rear window defroster	
W15/4	Ground (cockpit, left footwell)	RL → A32	AC air recirculation unit	1
W17/1	Ground (left rear seat)	→ A44/3	Rear PTS warning indicator	2
		→ E21	Center high-mounted stop lamp	1
		M642 → M3	Fuel pump	4
		M629, M642 → M3x1	Fuel pump connector	1
	Valid for lumbar support	→ M25/1	Lumbar pump	3
	Valid for multicontour seat (MCS [MKS])	→ M40	Multicontour seat pneumatic pump	3
	Valid for dynamic seat (DS [FDS])	→ M40/1	Pneumatic pump for dynamic seat control	3
		→ N10/2	Rear SAM control unit with fuse and relay module	11.12
		→ N32/20	Left rear multicontour backrest control unit	1.3 1.5
		→ N32/21	Right rear multicontour backrest control unit	1.3 1.5
		→ N72/2	RCP [HBF] control unit	2
		→ N70	Overhead control panel control unit	1.1
	Not for tilting/sliding roof (SHD), up to 05/08	→ N118	Fuel pump control unit	1.2 1.5
	M156, M272, M273, M275	→		1.2
	M156, M275.982, up to 11/08	→		2.2
	M156, M275.982, as of 12/08 up to 08/10	→		1.2
	M156, M275.982, as of 19/10	→		2.2
	M276, M278	→ Z6/1	Ground connector sleeve	1.2
		→ Z36/1	Rear PTS sensor ground connector sleeve	
		→ Z36/3	Front PTS sensor ground connector sleeve	
W18	Ground (left front seat crossmember)	→ A31/1	Rear auxiliary heating system supply unit	1.2 2.1
		→ A40/3	COMAND control unit	1A.20
	Up to 05/09	→ A40/9	Front central operating unit	1.1
		→ A76	Left front reversible emergency tensioning retractor	5
	M276, M278	→ B4/1x1	Left tank half fuel level sensor connector	1
		→ K18/4	Left front seat belt comfort solenoid	1
		→ N22/4	Rear AC control unit	2
		→ N29/2	Rear air conditioning electronic blower controller	1
		→ N32/1	Left front seat control unit	1.2
		→ N69/3	Door control module rear left	1.3
	As of 06/09	→ N125/1	Media interface control unit	B.1
	as of 06/07, LHD	→ W26/1	Ground (seat, left front sidebag)	
	as of 06/07, RHD	→ W26/2	Ground (seat, right front sidebag)	
	as of 06/07, LHD	→ X28/29	Driver-side FFS [RBA]/seat airbag separation point	6
	as of 06/07, RHD	→ X28/30	Passenger-side FFS [RBA]/seat airbag separation point	6
		→ X30/21	Drive train CAN voltage distributor connector	2.3
	Valid for Japan	→ X39/37	CTEL separation point	1.9

		→ X64/10	Rear blower intermediate connector	1
		→ Y67	Rear AC refrigerant shutoff valve	1
W26/1	Ground (seat, left front sidebag)	up to 05/07 → E17/18	Left rear footwell lamp	1
		→ N32/1	Left front seat control unit	5.42
	as of 06/07, LHD → W18	→ W18	Ground (left front seat crossmember)	
	as of 06/07, RHD → W19	→ W19	Ground (right front seat crossmember)	
	as of 06/07 → X28/29	→ X28/29	Driver-side FFS [RBA]/seat airbag separation point	6
	up to 05/07 → Z6/30	→ Z6/30	Circuit 31 connector sleeve	
W34	Ground (left footwell)	LHD → A1	Instrument cluster	1.1 1.2 1.3
		LHD → A2/30	Navigation processor	1.1 1.8
		LHD → A40/8	COMAND display	B1.1
		LHD → E13/1	Glove compartment light	1
		LHD → E17/15	Right front footwell lamp	1
		LHD → E17/16	Left front footwell lamp	1
	LHD, as of 06/08 → G1/6	→ G1/6	3rd battery	1
	LHD → N10/1	→ N10/1	Front SAM control unit with fuse and relay module	C2.10 C4.7
		→ N22/1	AAC [KLA] control unit	1.1 B.4
	LHD → N72/1	→ N72/1	Upper control panel control unit	1.1
	LHD → N73	→ N73	EIS [EZS] control unit	A.5 B.2
	LHD → N80	→ N80	Steering column module	1.1 1.8
	Valid for steering wheel heater, LHD → N93	→ N93	Central gateway control unit	A.2
	AAC [KLA], C-AAC [K-KLA], LHD → R41/1	→ R41/1	Left side air outlet potentiometer	1
	LHD, AAC [KLA], C-AAC [K-KLA], → R41/2	→ R41/2	Right side air outlet potentiometer	1
	LHD, AAC [KLA], C-AAC [K-KLA], → R41/3	→ R41/3	Front center air outlet potentiometer	1
	LHD → S76/15	→ S76/15	Electric parking brake switch	5
	LHD → X11/4	→ X11/4	Data link connector	4 5
	LHD, as of 06/09 → X58/31	→ X58/31	12 volt connector in glove compartment	1
	LHD → Z6/30	→ Z6/30	Circuit 31 connector sleeve	
	LHD → Z50/37	→ Z50/37	Air conditioner compressor ground connector sleeve	
W34/1	Ground (electronics - left footwell)	M642.8 → A9/7	Refrigerant compressor with magnetic clutch	4
	Valid for ATA [EDW] with siren → H3/1	→ H3/1	Alarm signal horn with additional battery	2
	Valid for engine 275, RHD, as of 08/06 → M4/8	→ M4/8	Control unit box fan motor	1
	Valid for engine 275, RHD → M44	→ M44	Charge air cooler circulation pump	2
	Valid for engine 156, RHD → M45	→ M45	Engine coolant circulation pump	2
	LHD → N3/9	→ N3/9	CDI control unit	2.2 2.4 2.6
	LHD, except M275 → N3/10	→ N3/10	ME-SFI [ME] control unit	2.2 2.4 2.6
	LHD, M275 → N3/10	→ N3/10	ME-SFI [ME] control unit	5.5 5.6 5.7
	Valid for engine 642 → N10/1	→ N10/1	Front SAM control unit with fuse and relay module	11.10
	RL → N15/3	→ N15/3	ETC [EGS] control unit	2.30
	→ N37/5	→ N37/5	Left NOx (nitrogen oxides) control unit	2 5
	RL → N37/7	→ N37/7	NOx sensor control unit downstream of diesel particulate filter	2
	→ N37/8	→ N37/8	NOx control unit downstream of SCR catalytic converter	2 5
	RL → N51	→ N51	AIRmatic with ADS control unit	2.21
	RL → N51/2	→ N51/2	ABC control unit	M.21
	→ N69/1	→ N69/1	Door control module front left	1.3
	RHD, up to 05/08 → N88	→ N88	TPM [RDK] control unit	1.8
	RL → S62	→ S62	ATA [EDW] hood switch	2
	RHD, start/stop → S62/43	→ S62/43	Left engine hood contact switch	1
	RHD, start/stop → V19	→ V19	ECO start/stop function diode	1.2
	RL → X30/30	→ X30/30	Chassis CAN/FFS [RBA] voltage distributor connector	6.3
	RL → X30/35	→ X30/35	Telematics CAN voltage distributor connector	1.3
	→ X30/38	→ X30/38	Voltage distributor (CAN) connector	2.3
	Hybrid → X30/44	→ X30/44	Hybrid CAN voltage distributor connector	2.3

		→ Y74	Pressure control valve	
		→ Z6	Ground connector sleeve	
	M157, M278	→ Z6z1	Ground connector sleeve	
	M272, LHD	→ Z6/48	Ground connector sleeve	
W43	Ground (reference, image transmission systems)	→ A1	Instrument cluster	1.9
		Up to 05/09 → A40/3	COMAND control unit	1A.19
		As of 06/09 → A40/3	COMAND control unit	1A.20
		Up to 05/09 → A40/4	DVD player	3.2
		As of 06/09 → A40/4	DVD player	3.1
		Up to 05/09 → A40/5	Left rear display	2.1
				2.4
		As of 06/09 → A40/5	Left rear display	1.1
				1.5
		Up to 05/09 → A40/6	Right rear display	2.1
				2.4
		As of 06/09 → A40/6	Right rear display	1.1
		Up to 05/09 → A40/8	COMAND display	B1.3
		As of 06/09 → A40/8	COMAND display	1.1
		As of 06/09 → A40/9	Front central operating unit	1.1
As of 06/09 → A40/10	SPLITVIEW display	1.1		
As of 06/09 → A40/11	Multifunction camera	2.1		
	→ N101	Night vision assist control unit	C2.6	
	→ Z6/56	Circuit 31 connector sleeve		
W54/3	Ground (left rear wheelhouse)	→ A13	Electric parking brake control unit	K1.13
		→ N10/2	Rear SAM control unit with fuse and relay module	19.6 19.17
		As of 09/10 → N69/5	KEYLESS-GO control unit	1.2
		As of 06/09 → N88	TPM [RDK] control unit	1.2