


**Document title** Abbreviations for wiring diagrams

**Document number** ov0001p100127a

OV00.01-P-1001-27A	Abbreviations for wiring diagrams	Model 163, 164, 166, 168, 169, 170, 171, 197, 199, 202, 203, 208, 209, 210, 211, 215, 218, 219, 220, 221, 230, 240, 245, 251, 414
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<b>15.03.07</b>	<b>The document has been updated up to this date and is no longer subject to the update service.</b>
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Abbreviation	Designation	Code	FG.FSG
4MATIC	Automatically controlled 4-wheel drive		28 42.35
AAG	Trailer connection unit		
AB	Airbag	290b - Windowbag 291b - Airbag for driver and front passenger (if driver airbag standard - only for front passenger) 292 - Left front and right sidebag 293 - Left rear and right sidebag	91.60
ABC	Active Body Control	487a - Active Body Control (ABC)	32.50
ABL	Exterior lighting		82.10
ABR	Adaptive Brake		42.46
ABS	Antilock brake system	470a - Antilock brake system (ABS)	42.30
ABW	Proximity warning device		54.70
ADS	Adaptive damping system	216 - Adaptive damping system (ADS) with level control 217a - Level control at rear axle with adaptive damping system (ADS)	32.32
AFB	Locator lighting		82.10
AFE	Automatic lane recognition		54.70
AG	Automatic transmission	420a - Automatic 4-speed transmission 423a - Automatic 5-speed transmission (NAT)	27.00
AGW	Audio gateway		82.60
AGW	Audio gateway		82.
AHV	Trailer hitch	550 - Trailer hitch	31
AKR	Anti-knock control [AKC]		
ACSR [AKSE]	Automatic child seat recognition		91.60
ALDA	Barometric pressure/charge air pressure compensation [BCAPC]		
APS	Auto pilot system	351 - Auto pilot system (APS) 353 - Audio 30 APS 815 - Dynamic navigation	82.61
ARF	Exhaust gas recirculation		14.20
ARMIN	Airbag with integrated emergency call system		91.60
AS	Towing sensor	882d - Towing sensor	82.55
ASA	Automatic dimming mirror	249a - Automatic dimming inside rearview mirror	68.49 88.79
ASD	Automatic locking differential	211a - Rear axle with automatic locking differential (ASD)	35.41
ASF	Drive authorization system shutoff valve (DSV)		
SEQ	Sequentronic automated manual transmission	424 - Automated manual transmission Sequentronic (SEQ [ASG])	26.19
ASR	Acceleration Slip Regulation	471a - Acceleration slip regulation (ASR)	42.40
ATS	Antenna systems	270a - Antenna for telephone network D 531 - Automatic antenna	82.62 82.70
AWR	Distance warning radar [DWR]		54.70
BAS	Brake assist		42 42.31
CAN	Controller Area Network (databus)		
CAN-D	Controller Area Network bus class D (diagnosis)		54.00
CAS	City Assist System		54.65
CDI	Common rail diesel injection (CDI)		07.16
CDC	CD changer	818a - 10-disk CD changer in trunk 819 - 6-disk CD changer 819a - CD changer	82.64
CNS	Communication and navigation system (only  )	350a - Communication and navigation system	82.85
COMAND	Cockpit management and data system	352a - COMAND Operating and display unit 860 - TV tuner 861 - TV rear screen	82.85
CV	Convertible soft top [CST]		77
CVT	Continuously variable transmission (CVT)		27
D2B	Digital data bus		82.00
OCP	Overhead control panel control unit		54.21

DH	Diagnosis manual [DMAN]		
DTR	Distronic (adaptive cruise control)	219a - DISTRONIC (DTR)	30.30
E-call	Emergency call system	348a - EMERGENCY CALL system	82.95
ECE	Economic Commission for Europe		
ECI	Electronic controlled ignition		07.61
EDC	Electronic diesel control		07.12/07.13
EDR	Electronic diesel regulation		07
EDS	Electronic diesel system		07
ATA	Antitheft alarm system	551a - Antitheft alarm system (ATA) 552a - Antitheft alarm system (ATA) for Switzerland	82.50 80.50
Electronic parking brake	Electric parking brake		42.20
EFH	Power windows		72.29
EA	Electronic accelerator		30.20
ETC	Electronic Transmission Control (ETC)		27.19
EHD	Electronic high-pressure diesel injection system		30.20
ELR	Electronic idle speed control [ISC]		
ESL	Electric steering lock		46.
ENR	Electronic level adjustment [ELA]	480 - Level adjustment at rear axle	
EOBD	European on-board diagnosis		07.00
EPC	Electronic power control		30.20
EPS			
IFI	Diesel injection system (electronic in-line fuel injection) [IFI]		07.12
ESL	Electric mirror, steering column adjustment, heated mirror [MSC]		46.15 88.79
ESP	Electronic Stability Program	472a - Electronic stability program (ESP)	42.45
ESV	Electric seat adjustment	222a - Right driver seat electrically adjustable 223 - Model 140: Electrically adjustable rear seat backrest and head restraints adjustment 242a - Memory for right electrically adjustable driver seat 242b - Electrically adjustable passenger seat with memory.	91.29
ETS	Electronic traction system	212a - Electronic traction system (ETS)	42.35
DFI	Diesel injection system (electronic distributor-type injection system) [DFI]		07.13
EVL	Electrically adjustable steering column [ESC]	441a - Electrically adjustable steering column	46.15
ESM	Electronic selector module		27
EZS	Electronic Ignition Switch (EIS) control unit		80.57
FAN	Fanfare horn system		54.35
DAS	Drive authorization system		82.57 80.57
DS-LF	Left front dynamic seat		91
DS-RF	Right front dynamic seat		91
RFL	Radio frequency locking [RFL]		80.50
FFZ/IFZ	Radio frequency locking/infrared remote central locking [RFL/IRCL]		80.50
FG	Function group		
HFS	Handsfree system		82.70
FUG	Function subgroup		
PAS	Panic alarm system		
GES	Vehicle speed signal		00.19
BM	Base module		54.21
GPS	Global positioning system		
GUB	Seat belt extender		91.40
GUS	Emergency tensioning retractor		91.40 91.60
HAL	Rear axle steering		
HEAT	Automatic heater		83.25
HDF	Trunk lid remote opening	886 - Remote trunk lid release (RTR)	80.20
HDFS	Remote trunk lid locking [RTL]		88.50
TLC	Trunk lid control		80.
HFM-SFI	Gasoline injection and ignition system (HFM sequential multiport fuel injection/ignition system) [HFM-SFI]		07.51
HFS	Heated windshield		
HHS	Rear window defroster		67.29
HHT	Hand-held tester		
HORN	Horn signal system		
HPF	Hydropneumatic suspension		
HZS	Trunk lid auxiliary lock [TAL]	884 - Trunk lid auxiliary lock (TAL (HZS))	88.50
ICS	Information and communication system (only  )	350b - Information Communications System (ICS)	82.85

IFZ	Infrared remote control for central locking [IRCL]	880a - Locking system with infrared remote control	80.30
IR	Infrared		80.30
IRS	Interior motion sensor	882b - Infrared interior monitoring (only with ATA)	80.50
ISM	Intelligent servo module		27.19
C-AAC	Convenience automatic air conditioning		83.40
C-AAC	Convenience automatic air conditioning		
KAF	Retractable rear head restraints	430a - Left and right rear head restraints	91.16
TWC	Catalytic converter	620a - Vehicle with catalytic converter technology	07 49.10
KBE-H	Rear A/C operating unit		83.40
KFB	Convenience feature		82.40 80.45
KG	Keyless Go	889 - Keyless Go	80.61
IC	Instrument cluster		54.30
AAC	Automatic air conditioning	580 - Air conditioning system or, in the USA, Tempmatic 581a - Automatic air conditioning 581b - Comfort automatic air conditioning	83.40
KLS	Climate-controlled seat		91.30
KM	Compass module		54.21
KSG	Easy-shift manual transmission (Sequentronic)	424 - Automated manual transmission Sequentronic (SEQ [ASG])	26
SW	Crank angle [CKA]		
LDH	Lamella roof	417a - Lamella roof	77.20
LH	LH sequential fuel injection system		07.41
LHD	Left-hand drive vehicle		
LLR	Idle speed control		30.22
HSW	Heated steering wheel		82.90
LS	Power steering gear		
LSA	Speaker system [LS]	810 - Sound system 812 - Rear speakers 814a - Active bass speaker system	82.62 82.60
LVDS	Low voltage differential signal		82
HRA	Headlamp range adjustment	612b - Xenon headlamp unit	82.10
MAS	Engine systems control unit (ESCM)		
ME-SFI	ME (motor electronics) gasoline injection and ignition system		07.61
MG	Manual transmission	428 - Manual 5-speed transmission	26.00
MKL	Multicontour backrest		91
MKS	Multicontour seat	433 - Left dynamic seat incl. multicontour seat 434 - Right dynamic seat incl. multicontour seat	91.25
MOST	Media Oriented System Transport		82.
MRA	Residual engine heat utilization system [REST]		
SCM [MRM]	Steering column module		46.10
MRS	Multifunction restraint system	290 - Window airbag 291b - Airbag for driver and front passenger (if driver airbag standard - only for front passenger) 292 - Left front and right sidebag 293 - Left rear and right sidebag	91.60
EBR	Engine braking regulation		
MSS	Special vehicle multifunction control module		
NV	Low compression [LOC]		
NSH	Night vision assistance		54.30
OBD	On-board diagnosis		54.21
UCP	Upper control panel		54.21
OMS	Operating monitoring system		
OSL	Orthopedic seat backrest	404 - Orthopedic driver seat backrest (multicontour seat backrest on model 140) left 405 - Orthopedic driver seat backrest (Multicontour seat backrest with model 140) right	
OT	Top dead center		
PE	Electrics diagram		
DSP	Dynamic seat pump [DSP]		91
PLA	Pneumatic idle speed increase [PISI]		
SPS	Speed-sensitive power steering		46.50
PMS	Fuel injection and ignition system (pressurized engine control [PES])		07.52
PSE	Pneumatic system equipment		
PSV	Partial intake manifold preheater [PMP]		09.20
PTS	Parktronic system	220 - Parktronic system 220a - Parktronic system (PTS)	54.65
R	Reverse gear		26./27.
RA	Repair instructions		
RBA	Frame-floor system [FFS]		

TPC	Tire pressure monitor [TPM]		40.15
RDS	Radio data system		
RDU	Tire pressure monitor [TPM]		40.15
RDW	Tire pressure loss warning		
RevETR-LF	Left front reversible emergency tensioning retractor		91.40
RevETR-RF	Right front reversible emergency tensioning retractor		91.40
BA	Reversing aid	220 - Parktronic system 220a - Parktronic system (PTS)	54.65
RL	Right-hand drive vehicle		
RRE	Trip computer	245 - Trip computer	54.50
RÜF	Backfit solution	821 - Catalytic converter retrofit version (RÜF)	
RS	Roadster soft top		77.39
RWT	Rear-end door control module		
SA	Special equipment		
SAM	Signal acquisition and actuation module		
SBC	Sensotronic Brake Control		42.45
SBL	Seat ventilation	401a - Seat ventilation front seats 402a - Seat ventilation rear seats	91.30
VCS	Voice control system	813 - Voice control system (VCS)	82.70
SD	System diagnosis		00.30
SDAR	Satellite Digital Audio Radio (Satellite radio)		82.60
SHD	Sliding/tilting roof		77.20
CA [SHI]	Closing assist		
HRS	Heated rear seats	872 - Electric seat heater for rear seat, left and right	91.30
HS	Seat heater	870 - Electric seat heater for driver seat, left 871 - Electric seat heater for driver seat, right 872 - Electric seat heater for rear seat, left and right 873 - Seat heater for front seat, left and right	91.30
CCM	Multifunction control module		54.21
SOSI	Special signal system		
SOUND	SOUND system (for example amplifier)		82.62
SPH	Mirror heater		
SPK	Folding outside mirrors		
SRA	Headlamp cleaning system	600a - Headlamp cleaning system	82.15
SRS	Supplemental restraint system	290 - Window airbag 291b - Airbag for driver and front passenger (if driver airbag standard - only for front passenger) 292 - Left front and right sidebag 293 - Left rear and right sidebag	91.60
SRU	Manifold vacuum assist [MVA]		
STH	Stationary heater	228 - Auxiliary heater 228 - Stationary heater 230 - Remote control for auxiliary heater	83.70
SVS	Power locking	883a - Power closing for doors and trunk lid	80.40
TAC	Tempmatic (air conditioning) [TAC]	580 - Air conditioning system or, in the USA, Tempmatic 582 - Rear air conditioning	83.30
TD	Time Division, rpm signal, diesel		
CTEL	Cellular telephone	273 - D-net cell phone preinstallation 274 - MB D-network telephone 316 - MB D-net telephone (D2B) 317 - D-net cell phone (D2B) 853 - MB standard telephone 854 - MB cell phone	82.70
TELE AID	Telematic Alarm Identification on Demand (emergency call system)	855 - TELE AID	82.95
TN	Rpm signal (DI/KSS)		
CC	Cruise control	440a - Cruise control	07 30.30 80.57
TSG	Door control module		
TURBO	Turbocharger		
TV	TV tuner		82
LCP	Lower control panel [LCP]		
UHI	Universal Portable CTEL Interface		82.70
URB	Roll bar crash release		91.50, 51
ÜRB	Roll bar		91.50 91.53 91.59
UT	Bottom dead center [BDC]		
RVC	Roll bar Vario roof control [RVC]		77.39 91.59

VR	Vario roof		77
VHG	Retractable trunk lid grip [RTG]		88.52
VICS	Vehicle Information and Communication System		82.85
WFS	Immobilizer		
WIS	Workshop Information System		
WSS	Weight sensing system		91.60
ZAE	Central triggering unit (airbag) [CTU]		91.60
CSO	Cylinder shutoff		07.61
COU [ZBE]	Central operating unit		54., 82.60
CGW	Central gateway		54.21
HB	Heater booster		83.70
CL	Central locking	466 - Central locking	80.20