

OV00.01-P-1001-28RAA	Abbreviations of signal and circuit designations for wiring diagrams	MODEL 251	
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Model 251

Abbreviation	Designation	Notes
(-) SH	Ground (rear sensors)	
(-) SV	Ground (front sensors)	
(+)	Positive	
+5V	Sensor voltage (5 V) throttle valve actual value potentiometer 1 (M16/6r1), throttle valve actual value potentiometer 2 (M16/6r2)	
(+) SH	Rear sensor supply	
(+) SV	Front sensor supply	
(+) Zu	Trunk lid drive motor CLOSED (+)	
(-)	Minus	
1FM2	AM/FM1 signal	
1SDARS	Satellite Digital Audio Radio (satellite radio) (SDAR) antenna (signal for S-band satellite and S-band terrestrial)	
15	Switched positive	
15R	Switched positive, in ignition position 1, 2 & 3	
2AM/FM2	AM/FM1 signal	
30	Battery voltage, positive (continuous positive)	
30_BSB_S	Circuit 30 socket (bistable relay set)	
30_BSB_RS	Circuit 30 socket (bistable relay reset)	
31	Return line to battery negative or ground, direct	
49 li	Left turn signal	
49 re	Right turn signal	
50	Starter control (direct)	
54	Brake light	
56a L	Left high beam	
56a R	Right high beam	
56b li	Left low beam	
56b re	Right low beam	
56b re	Right low beam BF	
57R	Circuit 57R, right standing light and parking light (E6/14)	
57L	Circuit 57L, left standing light and parking light (E6/13)	
58 li	Left standing lamp/taillamp	
58 re	Right standing lamp/taillamp	
58L	Left standing lamp	
58R	Right standing lamp	
KI.58	Circuit 58d inside rear-view mirror unit	
5V	Supply 5V	
87D1	Circuit 87 fused	
87D2	Circuit 87 fused	
87D3	Circuit 87 fused	
AB1, BF	Front passenger airbag 1	
AB1, FA	Driver airbag 1	
AB2, BF	Front passenger airbag 2	
AB2, FA	Driver airbag 2	
AB2, FA+	Airbag 2, driver +	
AB2, FA-	Airbag 2, driver -	
AB2,BF+	Front passenger airbag 2 +	
AB2,BF-	Front passenger airbag 2 -	
ABLV	Drain valve positive	
AC_AV	Front evaporator shutoff valve	
AF_LI_MOT1	Left vent window motor 1	
AF_RE_MOT1	Right vent window motor 1	
AF_RE_MOT2	Left pop-out window motor 2	
AF_RE_MOT2	Right pop-out window motor 2	
AGR	Exhaust gas recirculation	
AKF	Actuation of activated charcoal filter shutoff valve (Y58/4)	
AKSE	Automatic child seat recognition	
AL (+)	Exit lamp current supply	
AM (+)	Drive motor lock, supply	
AM (-)	Drive motor lock, ground	
Anst.	Actuation of horn relay (F58kF)	

Ant.	Antenna
Ant. DAB/L-BD	Roof antenna module
Ant. TV1(DAB-III)	Right antenna amplifier module
Ant_Vers	Supply of left antenna amplifier module (A2/64), right antenna amplifier module (A2/65), stronger TV rear window antenna (A2/92)
Antenne	Antenna signal
AMK(+)	Coolant shutoff motor (positive)
AMK(-)	Coolant shutoff motor (negative)
Audio L	Left audio signal
Audio R	Right audio signal
Audio Shield	Audio shielding
Aud_out R	Audio output at right
Aud_out L	Audio output at left
Aud_out GND	Audio output ground
Aud_out Shield	Audio output shielding
AUF	Running direction open
AUX_GND	Interface shielding
AUX_L	Left interface
Aux3_Vid.in_Y/CVBS	Video signal Y/CVBS
Aux3_Vid.in_C	Video signal C
AUX_R	Right interface
AUX_Shield	Interface shielding
Aux_1_Shield	Connecting point for Walkman shielding
Aux_1_GND	Connecting point for Walkman ground
Aux_1_L	Connecting point for Walkman at left
Aux_1_R	Connecting point for Walkman at right
AS_H	Outlet air sensor 8 - rear system headroom
A_EKA_l	Left intake port shutoff actuation
A_EKA_r	Right intake port shutoff actuation
A_P_ZUE1	Actuation, cylinder 1 ignition coil (T1/1)
A_P_ZUE2	Actuation, cylinder 2 ignition coil (T1/2)
A_P_ZUE3	Actuation, cylinder 3 ignition coil (T1/3)
A_P_ZUE4	Actuation, cylinder 4 ignition coil (T1/4)
A_P_ZUE5	Actuation, cylinder 5 ignition coil (T1/5)
A_P_ZUE6	Actuation, cylinder 6 ignition coil (T1/6)
A_P_ZUE7	Actuation, cylinder 7 ignition coil (T1/7)
A_P_ZUE8	Actuation, cylinder 8 ignition coil (T1/8)
A_S_DK	Actuation of intake manifold tumble flap switchover valve (Y22/9)
A_S_SLV	Actuation of air pump switchover valve (Y32)
A_T_DCM	Ground, actuator motor (M16/6m1) for throttle valve
A_T_DCP	Supply voltage for actuator motor (M16/6m1) for throttle valve
A_T_KWTHS	Actuation of three-disk thermostat valve (Y110)
A_T_LSH1HK	Actuation of right O ₂ sensor oxygen sensor heater downstream of CAT (G3/6)
A_T_LSH2HK	Actuation of left O ₂ sensor oxygen sensor heater downstream of CAT (G3/5)
A_T_LSHVK1	Actuation of right O ₂ sensor oxygen sensor heater upstream of CAT (G3/4)
A_T_LSHVK2	Actuation of left O ₂ sensor oxygen sensor heater upstream of CAT (G3/3)
A_T_NWSA1	Actuation (ground) for right exhaust camshaft solenoid (Y49/7)
A_T_NWSA2	Actuation (ground) for left exhaust camshaft solenoid (Y49/6)
A_T_NWSE1	Actuation (ground) for right intake camshaft solenoid (Y49/5)
A_T_NWSE2	Actuation (ground) for left intake camshaft solenoid (Y49/4)
A_T_SU_SUV1	Actuation of variable intake manifold switchover valve (Y22/6)
A_U_5VG1M	Sensor voltage (5 V) for crankshaft Hall sensor (B70)
A_U_5VG2M	Sensor voltage (5 V) for pressure sensor (intake manifold air pressure) (B28), left intake manifold tumble flap position sensor (B28/9), right intake manifold tumble flap position sensor (B28/10)
A_U_LSU1VM	Virtual ground for right O ₂ sensor upstream of CAT (G3/4)
A_U_LSU2VM	Virtual ground for left O ₂ sensor upstream of CAT (G3/3)
A_U_UIP	Sensor voltage (5 V) for actual value potentiometer 1 throttle valve (M16/6r1), actual value potentiometer 2 throttle valve (M16/6r2)
BBV HR	Right rear brake wear
BBV VR	Right front brake wear
Bel.	Illumination
BF_ZV_DF	Front passenger door CL rotary tumbler
BT	Bluetooth
CAK BF	Crash-active head restraint, front passenger
CAK FA	Crash-active head restraint, driver
CAN-A H	Telematics CAN HIGH
CAN-A L	Telematics CAN LOW
CAN-B H	CAN interior bus, high
CAN-B L	CAN interior bus, low

CAN-C H	CAN engine compartment bus, high	
CAN-C L	CAN engine compartment low	
CAN-D H	CAN diagnosis high	
CAN-D L	CAN diagnosis low	
CAN-S H	CAN high sensor	
CAN-S L	CAN low sensor	
CAN-I H	Drive train sensor CAN High	
CAN-I L	Drive train sensor CAN Low	
Cam_GND	Reversing camera GND	
Cam_V_input	Reversing camera input	
CC_on_off	Cradle compensator	
Crash	Crash signal	
CVH	Vent line heater element	
Data	Dataline	
DDS	Difference pressure sensor signal	
DF VL	Left front rotational frequency	
DFHL_S	Left rear rpm sensor signal	
DFHR_S	Right rear rpm sensor signal	
DFS-Sig.	Rotary tumbler switch signal	
DFVL_R	Right front rpm sensor signal	
DFVL_S	Left front rpm sensor signal	
Diag.	Diagnosis	
DIR	Rotation direction	
DPF	Diesel particulate filter	
DRS	Camshaft Hall sensor (B6/1), signal	
DRS (-)	Pressure sensor negative	
DRS (5V)	Pressure sensor voltage supply	
DRS_S	Pressure sensor signal	
DRV	Pressure regulator valve	
DS_ZH	Auxiliary heater metering pump (M46/1)	
DS1	Sensor signal for pressure sensor downstream of right cylinder bank air filter (B28/2)	
DS2	Sensor signal for pressure sensor upstream of throttle valve (B28/6)	
DV 1	Damper valve 1	
DV 2	Damper valve 2	
DVV	Damper valve supply	
DWP	Dual washer pump	
EC LED	E-call LED	
EDW	ATA [EDW] signal	
EKA-0	Intake port shutoff actuation	
EKS 1	Obstruction sensor signal	
EKS 2	Obstruction sensor signal	
EKS_AF_LI	Left vent window obstruction sensor strip	
EKS_AF_RE	Right vent window obstruction sensor strip	
EPOS HL	Left rear end position	
EPOS HR	Right rear end position	
EPOS VL	Left front end position	
EPOS VR	Right front end position	
EGR_SENTA	Power supply for left exhaust gas recirculation positioner (Y27/9)	
ETC	Two-disk thermostat heating element	
EV1	Injection valve 1	
EV2	Injector 2	
EV3	Injection valve 3	
EV4	Injection valve 4	
EV5	Injection valve 5	
EV6	Injection valve 6	
EV7	Injection valve 7	
EV8	Injection valve 8	
EXTS1	Exhaust temperature signal in left oxidization catalytic converter	
EXTS3	Temperature sensor upstream of SCR catalytic converter	
EXTS4	Temperature sensor ground upstream of SCR catalytic converter	
E_A_GNAG2	Purging pressure sensor (B4/4) signal	
E_A_IP1S	Sensor signal for actual value potentiometer 1 throttle valve (M16/6r1)	
E_A_IP1S1	Actual value potentiometer 1 (M16/6r1), feedback signal	
E_A_IP2S	Sensor signal for actual value potentiometer 2 throttle valve (M16/6r2)	
E_A_KS1A	Sensor signal A for right knock sensor 1 (A16/1)	
E_A_KS1B	Sensor signal B for right knock sensor 1 (A16/1)	
E_A_KS_2A	Sensor signal A for left knock sensor 2 (A16/2)	
E_A_KS_2B	Sensor signal B for left knock sensor 2 (A16/2)	
E_A_LS1HK	Sensor signal for right O ₂ sensor downstream of CAT (G3/6)	

E_A_LS2HK	Sensor signal for left O ₂ sensor downstream of CAT (G3/5)	
E_A_LSU1A	Trimming resistor for right O ₂ sensor upstream of CAT (G3/4)	
E_A_LSU1P	Pump current for right O ₂ sensor upstream of CAT (G3/4)	
E_A_LSU1UN	Sensor signal for right O ₂ sensor upstream of CAT (G3/4)	
E_A_LSU2IA	Trimming resistor for left O ₂ sensor upstream of CAT (G3/3)	
E_A_LSU2IP	Pump current for left O ₂ sensor upstream of CAT (G3/3)	
E_A_LSU2UN	Sensor signal for left O ₂ sensor upstream of CAT (G3/3)	
E_A_TANS	Sensor signal for intake air temperature sensor (B2/5b1)	
E_A_TMOT	Sensor signal for coolant temperature sensor (B11/4)	
E_F_HFM1	Sensor signal for hot film MAF sensor (B2/5)	
E_F_KWGA	Sensor signal for crankshaft Hall sensor (B70)	
E_F_KWGB	Sensor ground for crankshaft Hall sensor (B70)	
E_F_NWGA1	Sensor signal for right exhaust camshaft Hall sensor (B6/7)	
E_F_NWGA2	Sensor signal for left exhaust camshaft Hall sensor (B6/6)	
E_F_NWGE1	Sensor signal for right intake camshaft Hall sensor (B6/5)	
E_F_NWGE2	Sensor signal for left intake camshaft Hall sensor (B6/4)	
E_F_REF1	Reference signal for hot film mass air flow sensor (B2/5)	
E_S_DK1	Sensor signal for right intake manifold tumble flap position sensor (B28/10)	
E_S_FSOEL	Oil level check switch (S43) signal	
Ext.SW(-)	Subwoofer (-)	
Ext.SW(+)	Subwoofer (+)	
Ext.SWSO	Subwoofer switch On	
FAF	Fanfare horns	
FHM_HL(+)	Left rear power window motor (M10/5) supply	
FHM_HL(-)	Left rear power window motor (M10/5) ground	
FHM_HR(+)	Right rear power window motor (M10/6) supply	
FHM_HR_Sig	Right rear power window motor (M10/6) signal	
FHM_HR(-)	Actuation of right rear power window motor (M10/6)	
FH H	Power window raising	
FH T	Power window lowering	
FHH	Power window motor (+raise)	
FHT	Lower power window (+ low)	
FL	Rear lamp	
FL_1	Function indicator lamp 1	
FL (+)	Footwell lamp, positive	
FLWTR	Water level switch signal (only in countries with poor-quality fuel)	
F_ZV_DF	Driver door CL rotary tumbler	
GKBF(+)	Driver belt force limiter (+)	
GKBBF(+)	Front passenger belt force limiter (+)	
GKB BF(-)	Front passenger belt force limiter (-)	
GKBF(-)	Driver belt force limiter (-)	
GND	Shielding	
GND_H	Rear system sensor ground	
GPS	GPS signal	
GS, BF	Passenger emergency tensioning retractor	
GS, FA	Driver emergency tensioning retractor	
GS,HL	Left rear emergency belt tensioner	
GS,HR	Right rear emergency belt tensioner	
GSHL(+)	Left 2nd seat row emergency tensioning retractor squib +	
GSHL(-)	Left 2nd seat row emergency tensioning retractor squib –	
GSFA(+)	Driver buckle ETR squib +	
GSFA(-)	Driver buckle ETR squib -	
GSHR(-)	Right 2nd seat row emergency tensioning retractor squib –	
GTD_Sig.	Sensor signal 1 tank pressure sensor (B4/3)	
H (+)	Hall sensor voltage supply	
H (-)	Hall sensor ground	
H Sig.1	Hall sensor signal 1	
H Sig.2	Hall sensor signal 2	
HAV	Shutoff valve heater	
HDF	Trunk lid remote opening	
HFM	Hot film mass air flow sensor, ground	
HFM-0	Hot film mass air flow sensor, ground	
HFM-1	Hot film mass air flow sensor, signal	
HFM-2	Hot film mass air flow sensor supply (+5V)	
HHS	Heated rear window	
HR	Right rear	
HS1SR_Sig.	Signal for roller sun blind Hall sensor 1	
HS1PSD(+)	Supply, panoramic sliding sunroof Hall sensors	

HS1PSD_Sig.	Signal for panoramic sliding sunroof Hall sensor 1	
HS2PSD_Sig.	Signal, panoramic sliding sunroof Hall sensor 2	
HS2SR_Sig.	Signal, roller sun blind Hall sensor 2	
HS3PSD/HS1_Sig.	Signal for panoramic sliding sunroof Hall sensor 3 or tilting/sliding roof Hall sensor 1	
HSSR(-)	Ground, roller sun blind Hall sensors	
HSSR(+)	Supply, roller sun blind Hall sensors	
HSPSD/SHD(+)	Supply, panoramic sliding sunroof Hall sensors or tilting/sliding roof Hall sensors	
HS4PSD/HS2_Sig.	Signal, panoramic sliding sunroof Hall sensor 4 or tilting/sliding roof Hall sensor 2	
HSPSD/HSSH(+)	Ground, panoramic sliding sunroof Hall sensors or tilting/sliding roof Hall sensors	
HSPSD(-)	Ground, panoramic sliding sunroof Hall sensors	
HS_HL(+)	Supply of left rear power window motor Hall sensor (M10/5)	
HS_HL(-)	GND, left rear power window motor Hall sensor (M10/5)	
HS_HL_Sig.	Signal, left rear power window motor Hall sensor (M10/5)	
IAPS	Pressure sensor downstream of air filter (B28/5), signal	
IATS3	Exhaust gas recirculation temperature sensor signal	
IC LED	Info LED	
IC S	Information button	
IDC S	Tele diagnosis button	
Inj. H	Injector, high	
Inj. L	Injector, low	
ISM	Intelligent servo module	
K1	Channel 1, lumbar support adjustment switch	
K2	Channel 2, lumbar support adjustment switch	
KA_A	Channel A, front multicontour backrest switch group	
KA_B	Channel B	
KDP	Fuel metering pump	
KHZ	Fuel heater	
KL (+)	Luggage compartment lamp, positive	
KM (+)	Clutch motor lock, supply	
KM (-)	Clutch motor lock, ground	
KS	Knock sensor	
KS/LN/H(-)	Head restraint motor/backrest angle adjustment motor Hall sensor ground	
KS/LN(-)	Head restraint motor/backrest angle adjustment motor ground	
KS/H(+)	Head restraint motor Hall sensor supply	
LN(+v)	Backrest angle adjustment motor (+ forward)	
LN/H(+)	Backrest angle adjustment motor Hall sensor supply	
KS(+a)	Head restraint motor (+up)	
KTS_S	Fuel temperature sensor signal	
KWDGA	Crankshaft signal 1	
KWDGB	Crankshaft sensor signal 2	
KWG	Crankshaft sensor	
LDF-1	Boost pressure sensor signal	
LDR	Actuation of boost pressure positioner	
LED_FU	LED function	
LFP	Power steering pump	
LHP	Power steering pump	
LHZ	Steering wheel heater	
LIN	AC bus	
LIN C1	Alternator interface, alternator (G2) via drive train LIN (LIN C1)	
LIN_BU	3rd seat row air distribution actuator motor	
LIN_HGB	Rear air conditioning blower regulator LIN	
LIN_GND	Instrument panel circuit 31 climate control LIN	
LIN_Ub	Instrument panel climate control LIN	
LL L	Left reading lamp	
LL R	Right reading lamp	
LS1	Release switch closes	
LS1HK	Oxygen sensor 1 down stream of three way catalytic converter	
LS1P	Oxygen sensor 1 pump current	
LS2	Release switch opens	
LS2HK	Oxygen sensor 2 downstream of CAT	
LS2VK	Oxygen sensor 2 upstream of catalytic converter	
LSA	Release switch	
LSH1HK	Oxygen sensor heater downstream of TWC 1 (right)	
LSH2HK	Oxygen sensor heater downstream of TWC 2 (left)	
LSH2_VK	Oxygen sensor heater LSF 2 upstream of catalytic converter	
LSHK	Oxygen sensor downstream of TWC	
LS_M_v/z(+v)	Steering column in/out motor (+ in)	
LS_H_V_v/z	Steering column Hall sensor supply in/out	
LS_U_GNF	Steering column Hall sensor ground	

LS_M_v/z(-v)_h/t(-h)	Steering column in/out motor (- in), up/down (- up)	
LS_H_V_h/t	Steering column Hall sensor supply up/down	
LS_M_h/t(+h)	Steering column up/down motor (- up)	
Lsp. +	Speaker voltage supply	
Lsp. -	Speaker ground	
LUES	Fan control	
LV(-)	LV motor (-forward)	
LV(+)	LV motor (+ forward)	
L_LVDS Data0_-	LVDS data (0) left rear display (negative)	
L_LVDS Data0_+	LVDS data (0) left rear display (positive)	
L_LVDS Data1_-	LVDS data (1) left rear display (negative)	
L_LVDS Data1_+	LVDS data (1) left rear display (positive)	
L_LVDS Data2_-	LVDS data (2) left rear display (negative)	
L_LVDS Data2_+	LVDS data (2) left rear display (positive)	
L_LVDS Data3_-	LVDS data (3) left rear display (negative)	
L_LVDS Data3_+	LVDS data (3) left rear display (positive)	
31_Scrsd	Left rear display ground	
R_LVDS Data0_-	LVDS data (0) right rear display (negative)	
R_LVDS Data0_+	LVDS data (0) right rear display (positive)	
R_LVDS Data1_-	LVDS data (1) right rear display (negative)	
R_LVDS Data1_+	LVDS data (1) right rear display (positive)	
R_LVDS Data2_-	LVDS data (2) right rear display (negative)	
R_LVDS Data2_+	LVDS data (2) right rear display (positive)	
R_LVDS Data3_-	LVDS data (3) right rear display (negative)	
R_LVDS Data3_+	LVDS data (3) right rear display (positive)	
31_Scrsd	Right rear display ground	
SLV/F(-)	LV Hall sensor ground	
SLV/F(+)	LV Hall sensor supply	
SH/F(-)	HH motor (- on)	
SH/F(+)	HH motor (+ on)	
SH/F/H(-)	LV Hall sensor ground	
SH/F/H(+)	HH Hall sensor supply	
SV/F(-)	HV motor (-on)	
SV/F(+)	HV motor (+on)	
SV/F/H(-)	HV Hall sensor ground	
SV/F/H(+)	HV Hall sensor supply	
MHK	ATA engine hood contact	
MIC out	Microphone output	
Mic.Shield	Microphone shielding	
Mic.1_in+	Microphone 1 input	
Mic.2_in+	Microphone 2 input	
Mic. (+)	Microphone positive	
Mic. (-)	Microphone negative	
MIC1	Microphone 1	
MIC2	Microphone 2	
MIC3	Microphone 3	
Mic_GND	Microphone ground	
MOST in	MOST input	
MOST out	MOST output	
Mot A	Motor A	
Mot B	Motor B	
Mute	Muting	
M_R_HFM1	Sensor ground for hot film mass air flow sensor (B2/5)	
M_R_IPM	Ground for actual value potentiometer 1 throttle valve (M16/6r1), actual value potentiometer 2 throttle valve (M16/6r2)	
M_R_LSHK	Ground for left O ₂ sensor downstream of CAT (G3/5), right O ₂ sensor downstream of CAT (G3/6)	
M_R_SENM1	Sensor ground for right intake camshaft Hall sensor (B6/5), right exhaust camshaft Hall sensor (B6/7), pressure sensor (B28) (intake manifold air pressure), right intake manifold tumble flap position sensor (B28/10)	
M_R_SENM2	Sensor ground for left intake camshaft Hall sensor (B6/4), left exhaust camshaft Hall sensor (B6/6), coolant temperature sensor (B11/4), left intake manifold tumble flap position sensor (B28/9)	
M_ZV_HL(+)	Left rear door CL [ZV] motor (positive)	
M_ZV_HL(-)	Left rear door CL [ZV] motor (negative)	
NC	Not wired	
NF	Low frequency	
NF-L	Low frequency, left	
NF_Sig	Low frequency signal radio	
NF-R	Low frequency, right	
NSL	Rear fog lamp	
NSL/R	Right fog lamp (E5/2)	

NSL/L	Left fog lamp (E5/1)	
NWG A1	Camshaft sensor exhaust 1	
NWG A2	Camshaft sensor exhaust 2	
NWG E1	Camshaft sensor intake 1	
NWG E2	Camshaft sensor intake 2	
NWG_S	Camshaft sensor signal (intake)	
ODS	Oil pressure switch	
Oel (+)	Oil sensor supply	
Oel (-)	Oil sensor ground	
Oel - S	Oil sensor signal	
OSS	Oil level switch	
PML	Speed-sensitive power steering	
PSWW	Actuation of window washer fluid pump (M5/1)	
P4_F_h+	Rear door pressure sensor, driver side +	
P4_F_h-	Rear door pressure sensor, driver side -	
P4_B_h+	Rear door pressure sensor, passenger side +	
P4_B_h-	Rear door pressure sensor, passenger side -	
PWR	Pedal value sensor	
RDS	Rail pressure sensor signal	
Rel.	Relay	
REL_AHV	Circuit 30 relay, trailer hitch	
REL_HSH	Heated rear window relay	
REL_SV	ESA [ESV] relay module	
REL_HW	Rear wiper relay	
RFL	Backup lamp	
RVC	Backup camera	
RWI	Wiper relay	
RW_E/A	Actuation of wiper on/off relay (F58kB)	
RWS_1/2	Actuation of wiper speed 1/2 relay (F58kA)	
RWT	Rear-end door	
RWT (+)	Rear-end door lock, supply	
RWTL	Rear end door light	
RX-H	Receive, high	
RX-L	Receive, low	
S 1 V	Front sensor 1	
S 10 H	Rear sensor 10	
S 2 V	Front sensor 2	
S 3 V	Front sensor 3	
S 4 V	Front sensor 4	
S 5 V	Front sensor 5	
S 6 V	Front sensor 6	
S 7 H	Rear sensor 7	
S 8 H	Rear sensor 8	
S 9 H	Rear sensor 9	
SAT	Satellite antenna	
SB, BF	Front passenger sidebag	
SB, FA	Driver sidebag	
SB,HL	Left rear sidebag	
SB,HR	Right rear sidebag	
SB_BF(+)	Driver sidebag squib (positive)	
SB_BF(-)	Driver sidebag squib (negative)	
SB_RL(-)	Right 2nd seat row sidebag squib (negative)	
SB_RL(+)	Right 2nd seat row sidebag squib (positive)	
SB_HL	Left 2nd seat row sidebag squib (positive)	
SB_HL(-)	Left 2nd seat row sidebag squib (negative)	
SB_HR(-)	Right 2nd seat row sidebag squib -	
SCH(-)	Front multicontour backrest switch group (negative)	
SENF 3	Right temperature sensor upstream of NOx storage catalytic converter (B16), Left temperature sensor upstream of NOx storage catalytic converter (B16/1)	
SE_DF	Lock, rotary tumbler sensor	
SE_OBW	Lock, OBW sensor	
SE_SK	Lock, lock pawl sensor	
SF BF	Front passenger frontal acceleration sensor	
SF FA	Driver frontal acceleration sensor	
Sig.	Signal	
Sig.-DSZL	Sensor signal for left pressure sensor downstream of cylinder bank air filter (B28/1)	
Sig. PMOT	Engine oil pump valve (Y130) actuation	
Sig_RWT	Rear-end door lock, actuation	
SIL	Left seat	

SIR	Right seat	
SK	Lock contact	
SLP	Secondary air pump	
SLV	Secondary air pump valve / air injection	
SMR	Right front side marker lamp (E6/2)	
SML	Left front side marker lamp (E6/1)	
SRA	Actuation of HCS [SRA] pump (M5/2)	
SRL (+)	Surround left Positive	
SRL (-)	Surround left Ground	
SRR (+)	Surround right Positive	
SRR (-)	Surround right Ground	
SS_BF	Passenger-side sidebag and windowbag sensor	
SP1S	Sensor signal 1 for accelerator pedal sensor (B37)	
SP1M	Signal ground 1 for accelerator pedal sensor (B37)	
SP2S	Sensor signal 2 for accelerator pedal sensor (B37)	
SP2M	Signal ground 2 for accelerator pedal sensor (B37)	
SS_F	Driver sidebag and windowbag sensor	
SW (+)	Subwoofer positive	
SS BF	Front passenger sidebag sensor	
SS FA	Driver sidebag sensor	
SVS_2	Driver seat with memory adjustment switch group, channel 2	
SVS_3	Driver seat with memory adjustment switch group, channel 3	
SVS_4	Driver seat with memory adjustment switch group, channel 4	
SVS_Vers	Driver seat with memory adjustment switch group, supply	
SW (-)	Subwoofer ground	
S_BFK(-)	Ground for brake fluid indicator switch (S11)	
S_BFK_Sig.	Brake fluid check switch signal (S11)	
S_FHHL_S_Sig	Signal, left rear power window switch (S21/3) (close)	
S_FHHL_O_Sig	Signal, left rear power window switch (S21/3) (open)	
S_FHHR_O_Sig	Signal, right rear power window switch (S21/4) (open)	
S_FSB_Sig.	Parking brake indicator switch signal (S12)	
S_KMK	Signal, coolant level indicator switch (S41)	
S_KMK(-)	Ground for coolant level indicator switch (S41)	
S_WSKS(-)	Ground for windshield washer system fluid level indicator switch (S42)	
S_WSKS_Sig.	Signal, windshield washer system fluid level indicator switch (S42)	
O_T_ETC	EGR cooler bypass flap switchover valve actuation	
O_T_MCONV	Coolant pump switchover valve actuation	
T2_S	Charge air temperature sensor (T2) signal	
TA	Pushbutton	
TAG1	Temperature sensor upstream of CAT (B197), signal	
TA li	Left button	
TA re	Right button	
TAG 1	Signal, exhaust gas temperature	
TAG 2	Signal, exhaust gas temperature	
TANS	Hot film mass air flow sensor	
Temp.	Temperature	
TF_KFF	Footwell rear AC temperature sensor	
TG +	Fuel tank sensor +	
TG + L	Left fuel level sensor	
TG + R	Right fuel level sensor	
TG -	Fuel tank sensor -	
THS	Thermostat	
TIG_L	Left inside door handle	
TIG_R	Right inside door handle	
TK	Door contact	
TMOT	Engine temperature sensor	
TOEL	Oil temperature	
TUKS	Door actuator	
TX-H	Transmit, high	
TX-L	Transmit, low	
TV1	Antenna TV1	
TV2	Antenna TV2	
TV3	Antenna TV3	
TV4	Antenna TV4	
U	Voltage supply	
USP1	Sensor voltage (5 V) for accelerator pedal sensor (B37)	
USUL_R	Actuation of right bypass air switchover valve (Y101/2)	
USV_SH	Stationary heater switchover valve	
Uv_p	Uv_pump (lumbar support pump power supply)	

U SW	U switch	
V (-)	Valve negative	
VCC	Voltage supply	
VL	Left front	
VM	Front center	
VR	Right front wheel antenna	
VL(+)	Left front door speaker (positive)	
VL(-)	Left front door speaker (negative)	
VR(-)	Right front door speaker (negative)	
VR(+)	Right front door speaker (positive)	
VM(+)	Center cockpit speaker (+)	
VM(-)	Center cockpit speaker (-)	
HL(+)	Left rear door speaker (positive)	
HL(-)	Left rear door speaker (negative)	
HR(-)	Right rear door speaker (negative)	
HR(+)	Right rear door speaker (positive)	
VTem_H	Rear air conditioning evaporator temperature sensor	
VL1(+)	Left front door speaker (positive), coil 1	
VL2(+)	Left front door speaker (positive), coil 2	
Vid_In_FBAS	Reversing camera/TV combination tuner (analog/digital) video input	
VL1(-)	Left front door speaker (negative), coil 1	
VL2(-)	Left front door speaker (negative), coil 2	
VR2(-)	Right front door speaker (negative), coil 2	
VR2(+)	Right front door speaker (positive), coil 2	
VR1(+)	Right front door speaker (positive), coil 1	
VR1(-)	Right front door speaker (negative), coil 1	
Wake up	MOST bus cut-in signal	
WB, L	Left window airbag	
WB, R	Right window airbag	
WB, R-	Right windowbag	
WBL(+)	Left windowbag squib +	
WBL(-)	Left windowbag squib -	
WB_R(+)	Right windowbag squib +	
WB_R(-)	Right windowbag squib -	
WE	Wake-up input	
WI 1	Wiper 1	
WI 2	Wiper 2	
WM	Actuation of wiper motor (M6/1)	
WPH	Rear washer pump, positive	
WPV	Front washer pump, positive	
WSH	Washer nozzle heater	
WU	Wake-up	
WU_H	Rear blower wake-up	
W_Bus_Tele	Telestart (W-Bus)	
ZF	Intermediate frequency	
ZB	Additional battery (G1/7)	
ZLV	Central charge valve	
ZME+	Metering unit (ZME) +12V supply	
ZME_L	Metering unit (ZME) low-side	
ZU	Running direction closed	
ZUE 1	Ignition coil 1	
ZUE 2	Ignition coil 2	
ZUE 3	Ignition coil 3	
ZUE 4	Ignition coil 4	
ZUE 5	Ignition coil 5	
ZUE 6	Ignition coil 6	
ZUE 7	Ignition coil 7	
ZUE 8	Ignition coil 8	
ZV ERH	Central locking system for spare tire carrier	
ZV_MOT1_HL	Left rear door CL motor 1	
ZV_MOT1_TD	Tank cap CL motor 1	
ZV_MOT2_HL	Left rear door CL [ZV] motor 2	
ZV_MOT2_TD	Tank cap CL [ZV] motor 2	
ZWP	Additional water pump	
ZWP_KF	Rear AC additional circulation pump	