

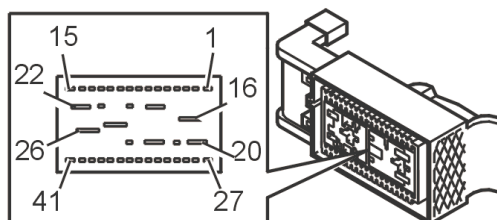
Signal specification

General

All the values given below are between the terminals stated in column 1 and terminal #D10 in column 2 (signal ground). This applies unless otherwise indicated in brackets.

Note! It is important to connect the breakout box and check the ground terminals before taking readings.

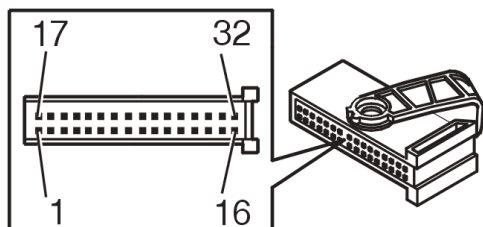
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|--------------------|---------------------------|--------|--|
| U= | DC voltage in volts (V) | t = | Time in milliseconds (ms) |
| U _{bat} = | Battery voltage (V) | f = | Frequency in Hertz (Hz) |
| U _{low} = | Voltage approximately 0 V | % duty | Duty cycle (pulse ratio) as a percentage (%) |



Connector E, Front-1					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#E1	Transmission control module (TCM), signal supply	U _{bat} at ignition in position II; U _{low} otherwise		
#2	#E2	Electrical power steering module (EPS), signal supply	U _{bat} at ignition in position II; U _{low} otherwise		
#3	#E3	Brake control module (BCM), signal supply	U _{bat} at ignition in position I; U _{low} otherwise		
#4	#E4	Reserve	-	-	
#5	#E5	Reserve	-	-	
#6	#E6	Reserve	-	-	
#7	#E7	Reserve	-	-	
#8	#E8	Windshield washer motor, power supply	U _{low}	U _{bat} /U _{low}	
#9	#E9	Reserve	-	-	
#10	#E10	Engine control module (ECM), waking	U _{low}	U _{bat} /U _{low}	

#11	#E11	High beam right-hand, power supply	Ulow	Ubat/Ulow	
#12	#E12	Tailgate washer motor, power supply	Ulow	Ubat/Ulow	
#13	#E13	Front left-hand parking lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#14	#E14	Back-up (reversing) lamp, check signal	Ulow	Ulow/Ubat	
#15	#E15	Reserve	-	-	
#16	#E16	Reserve	-	-	
#17	#E17	Reserve	-	-	
#18	#E18	30-supply to the central electronic module (CEM)	Ubat	Ubat	
#19	#E19	Reserve	-	-	
#20	#E20	30-supply to the central electronic module (CEM)	Ubat	Ubat	
#21	#E21	30-supply to the central electronic module (CEM)	Ubat	Ubat	
#22	#E22	30-supply to the central electronic module (CEM)	Ubat	Ubat	
#23	#E23	30-supply to the central electronic module (CEM)	Ubat	Ubat	
#24	#E24	Reserve	-	-	
#25	#E25	Low beam left, power supply	Ubat/Ulow	Ubat/Ulow	
#26	#E26	Reserve	-	-	
#27	#E27	Full beam left, power supply	Ulow	Ubat/Ulow	
#28	#E28	Stop lamp switch, power supply	Ulow/Ulow	Ulow/Ubat	
#29	#E29	Gas discharge lamp module (GDL), power supply	Ulow	Ulow/Ubat	
#30	#E30	Reserve	-	-	
#31	#E31	Reserve	-	-	
#32	#E32	Reserve	-	-	
#33	#E33	Reserve	-	-	

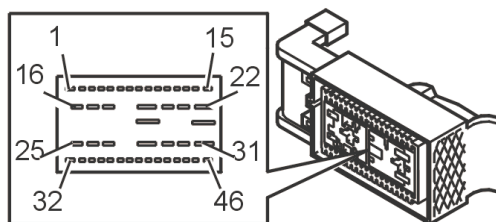
#34	#E34	Reserve	-	-	
#35	#E35	Reserve	-	-	
#36	#E36	Siren, power supply	Ubat	Ubat	
#37	#E37	Low beam right-hand, power supply	Ulow	Ubat/Ulow	
#38	#E38	Front left-hand turn signal lamp, power supply	Ulow	Ubat-Ulow/Ulow	Pulse width modulation (PWM) signal
#39	#E39	Front right-hand turn signal lamp, power supply	Ulow	Ubat-Ulow/Ulow	Pulse width modulation (PWM) signal
#40	#E40	Stop lamp switch, check signal to ECM	Ubat/Ulow	Ubat/Ulow	
#41	#E41	Stop lamp switch, control signal	Ubat/Ulow	Ubat/Ulow	



Connector G, Front-2					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#G1	Communication LIN bus 3	During communication the voltage is 0V - Ubat		siren control module (SCM)
#2	#G2	Front right-hand parking lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#3	#G3	Communication LIN bus 9	During communication the voltage is 0V - Ubat		WMM
#4	#G4	Reserve	-	-	
#5	#G5	Reserve	-	-	
#6	#B6	Battery temperature sensor, ground	Ulow	Ulow	
#7	#G7	Accelerator pedal (AP) position sensor, check signal	Ulow	Ulow	
#8	#G8	Reserve	-	-	
#9	#G9	Relay, front fog lamp, control signal	Ubat	Ulow/Ubat	

#10	#G10	Reserve	-	-	
#11	#G11	Relay, headlamp wash / wipe, control signal	Ubat	Ulow/Ubat	
#12	#G12	Clutch pedal sensor, check signal	Ulow	Ulow	
#13	#G13	Battery temperature sensor, signal	Ulow	U=0V-5V	Reference!
#14	#G14	Communication CAN_L high speed network	The voltage is 1.5-2.5 V during communication		Electrical power steering module (EPS) / Brake control module (BCM) / Body sensor cluster (BSC) / Transmission control module (TCM) / Integrated Starter Generator (ISG)
#15	#G15	Communication CAN_H high speed network	The voltage is 2.0-3.5 V during communication		Electrical power steering module (EPS) / Brake control module (BCM) / Body sensor cluster (BSC) / Transmission control module (TCM) / Integrated Starter Generator (ISG)
#16	#G16	Communication CAN_H low speed network	The voltage is 2-3.5 V during communication		Combustion preheater module (CPM)
#17	#G17	Reserve	-	-	
#18	#G18	Relay, horn, control signal	Ulow/Ubat	Ulow/Ubat	
#19	#G19	Hood switch	Ulow with the hood closed Ulow-Ubat with the hood open		Pulsed signal, f=100Hz
#20	#G20	Reserve	-	-	
#21	#G21	Clutch pedal sensor, power supply	Ulow	U=5 V	
#22	#G22	Accelerator pedal	Ulow	U=5 V	

		(AP) position sensor, power supply			
#23	#G23	Clutch pedal sensor, power supply	Ulow	U=0.15–4.75V	
#24	#G24	Clutch pedal sensor, power supply	Ulow	Ulow/Ubat	I4-motor
#25	#G25	Reserve	-	-	
#26	#G26	Communication LIN bus 2	During communication the voltage is 0V - Ubat		Xenon lamps (GDL)
#27	#G27	Switch, brake fluid level	Ulow at normal level; Ubat at low level		
#28	#G28	Switch, washer fluid level	Ulow at normal level; Ubat at levels below 0.7 liters		
#29	#G29	Reserve	-	-	
#30	#G30	Engine control module (ECM), collision signal	Ulow/Ubat	Ulow/Ubat	Diesel only
#31	#G31	Accelerator pedal (AP) position sensor, check signal	Ulow	U=0.15–4.85V	
#32	#G32	Communication CAN L low speed network	The voltage is 1.5-2.5 V during communication		Combustion preheater module (CPM)

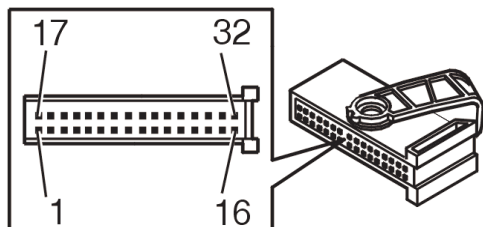


Connector A, Cockpit-1					
Breakout terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#A1	Dimmer, check signal	Ulow	Ulow-Ubat	
#2	#A2	Reserve	-	-	
#3	#A3	Positive temperature coefficient (PTC) heater, signal supply	Ubat at ignition in position II; Ulow otherwise		
#4	#A4	Data link connector (DLC), power supply	Ubat	Ubat	
#5	#A5	Reserve	-	-	
#6	#A6	Reserve	-	-	

#7	#A7	Reserve	-	-	
#8	#A8	Phone module (PHM), power supply	Ulow	Ubat	
#9	#A9	Multimedia module (MMM) display, power supply	Ulow	Ubat	
#10	#A10	Supplemental restraint system module (SRS), 15-power supply	Ulow	Ubat	
#11	#A11	Reserve	-	-	
#12	#A12	Reserve	-	-	
#13	#A13	Reserve	-	-	
#14	#A14	CEM, signal ground	Ulow	Ulow	
#15	#A15	S-supply (Power supply from ignition switch)	Ulow (Key out), Ubat (key in)		
#16	#A16	X-supply to passenger compartment, power supply	Ubat at ignition in positions I and II; Ulow otherwise		
#17	#A17	15-supply (Power supply from ignition switch)	Ubat (Key in positions II and III); Ulow otherwise		
#18	#A18	Steering wheel module (SWM), power supply	Ubat	Ubat	
#19	#A19	Audio module (AUD), 30-supply	Ubat	Ubat	
#20	#A20	Reserve			
#21	#A21	Climate control module (CCM), infotainment control module (ICM), power supply	Ulow	Ubat	
#22	#A22	Reserve	-	-	
#23	#A23	Cigarette lighter, power supply	Ubat	Ubat	
#24	#A24	Reserve	-	-	
#25	#A25	Courtesy lighting, power supply	Ubat/Ulow	Ubat/Ulow	
#26	#A26	Reserve	-	-	
#27	#A27	Reserve	-	-	

#28	#A28	Power ground	Ulow	Ulow	
#29	#A29	Multimedia module (MMM), power supply	Ulow	Ubat	
#30	#A30	X-supply (Power supply from the ignition switch)	Ubat (Key in positions I and II); Ulow otherwise		
#31	#A31	Reserve	-	-	
#32	#A32	LED front fog lamp, ground	Ubat	Ulow	
#33	#A33	Phone module (PHM), collision signal	Airbag not triggered = Ubat-8V Airbag triggered= Pulse 1V-0.6V below 200ms		
#34	#A34	Fuel tank filler cover switch, check signal	Ulow	Ubat/Ulow	
#35	#A35	Communication LIN bus 3	During communication the voltage is 0V - Ubat		Remote keyless entry (RKE)
#36	#A36	Reserve	-	-	
#37	#A37	Reserve	-	-	
#38	#A38	Driver information module (DIM) / glove compartment lighting, power supply	Ubat (Key in positions I and II); Ulow otherwise		
#39	#A39	Back-up gear inhibitor, control signal	Ubat at speeds above 25 km/h; Ulow at speeds below 15 km/h		Manual 6-speed transmission
#40	#A40	Light switch, power supply	Ubat	Ubat	
#41	#A41	Remote keyless entry (KVM), power supply	Ubat	Ubat	
#42	#A42	50-supply (Power supply from ignition switch)	Ubat (Key in position III); Ulow otherwise		
#43	#A43	Supplemental restraint system module (SRS), X-power supply	Ubat (Key in positions I and II); Ulow otherwise		
#44	#A44	Climate control system motors and sensors, power supply	Ulow	Ubat	
#45	#A45	Steering wheel	Ubat (Key in positions I and II);		

		module (SWM), power supply	Ulow otherwise	
#46	#A46	Reserve	-	-

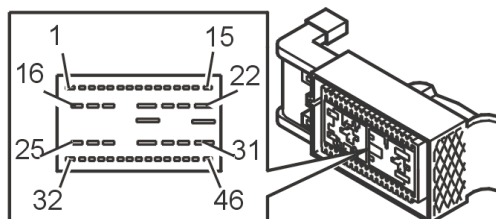


Connector B, Cockpit-2

Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#B1	Positive temperature coefficient (PTC) heater, control signal	Ulow	Ubat-Ulow/Ulow	Pulse width modulation (PWM) signal
#2	#B2	Light switch, control signal	Ulow/Ubat	Ulow/Ubat	Light switch in position 1
#3	#B3	Lamp, switch, hazard warning signal flashers, power supply	Ubat-Ulow if activated; Ulow otherwise		
#4	#B4	Light switch, control signal	Ulow/Ubat	Ulow/Ubat	Light switch in position 0
#5	#B5	Alarm LED, power supply	Alarm activated: 5V 0.5Hz 5% duty Alarm triggered: 5V 4Hz 25% duty		Pulse width modulation (PWM) signal
#6	#B6	Rear fog lamp LED in light switch, power supply	Ulow	Ubat/Ulow	
#7	#B7	Reserve	-	-	
#8	#B8	Communication CAN_H low speed network	The voltage is 2-3.5 V during communication		Infotainment control module (ICM) / Driver information module (DIM)
#9	#B9	Communication CAN L low speed network	The voltage is 1.5-2.5 V during communication		Infotainment control module (ICM) / Driver information module (DIM)
#10	#B10	Steering column lock	Ubat at key in; Ulow otherwise		

		module (SCL), power supply			
#11	#B11	Diagnostic communication (CAN_H) for the high speed network	The voltage is 2.0-3.5 V during communication		
#12	#B12	Diagnostic communication (CAN_L) for the high speed network	The voltage is 1.5-2.5 V during communication		
#13	#B13	Key lock ignition switch, control signal	Ulow when key approved; Ubat otherwise		
#14	#B14	Malfunction indicator lamp (MIL), power supply	Ulow	Ubat/Ulow	
#15	#B15	Diagnostic communication (CAN_L) for the low speed network	The voltage is 1.5-2.5 V during communication		
#16	#B16	Diagnostic communication (CAN_H) for the low speed network	The voltage is 2.0-3.5 V during communication		
#17	#B17	Communication LIN bus 2	During communication the voltage is 0V - Ubat		Steering column lock module (SCL) / start control module (SCU)
#18	#B18	Blower fan motor, control signal	Blower fan activated: Ubat f=400Hz 16-95% duty		Pulse width modulation (PWM) signal
#19	#B19	Switch hazard warning signal flashers, control signal	Ulow/Ubat	Ulow/Ubat	
#20	#B20	Reserve	-	-	
#21	#B21	Dimmer, control signal	Ulow	Ubat/Ulow	
#22	#B22	Switch, rear fog lamp, control signal	Ulow/Ubat	Ulow/Ubat	
#23	#B23	Switch, front fog lamp, control signal	Ulow/Ubat	Ulow/Ubat	
#24	#B24	Communication CAN_H low speed network	The voltage is 2-3.5 V during communication		Phone module (PHM)
#25	#B25	Communication CAN	The voltage is 1.5-2.5 V during		Phone module

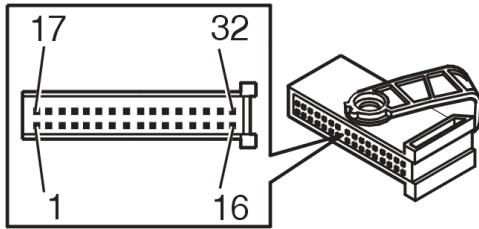
		L low speed network	communication		(PHM)
#26	#B26	Switch horn, check signal	Ulow/Ubat	Ulow/Ubat	
#27	#B27	Switch privacy lock, check signal	Ubat	Ulow/Ubat	
#28	#B28	Sun sensor, ground	Ulow	Ulow	
#29	#B29	Twilight sensor	Ulow	U=5 V	
#30	#B30	Sun sensor, check signal	Ulow	U=0.25–4.75V	
#31	#B31	Switch high beam flash, check signal	Ubat	Ulow/Ubat	
#32	#B32	Blower fan motor, check signal	Fan active and OK, Ubat f=v/min / 10Hz 50% duty Fan not active and OK, Ubat f=11Hz 50% duty		Pulse width modulation (PWM) signal



Connector C, Floor-1					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#C1	Switch parking brake, check signal	Ubat	Ulow/Ubat	
#2	#C2	Fuel tank filler cover, control signal	Ubat/Ulow	Ubat/Ulow	
#3	#C3	Left-hand stop lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#4	#C4	Right-hand stop lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#5	#C5	Reserve	-	-	
#6	#C6	Rear fog lamp, power supply	Ulow	Ubat/Ulow	
#7	#C7	High level stop lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#8	#C8	Unlocking tailgate, control signal	Ulow	Ubat/Ulow	
#9	#C9	Rear left-hand turn signal lamp, power	Ulow	Ubat-Ulow/Ulow	Pulse width modulation

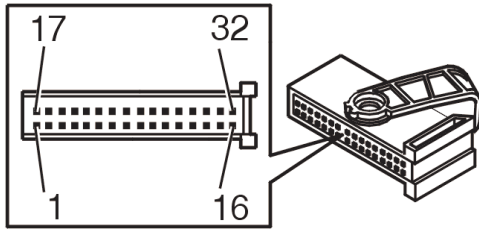
		supply			(PWM) signal
#10	#C10	Rear right-hand turn signal lamp, power supply	Ulow	Ubat-Ulow/Ulow	Pulse width modulation (PWM) signal
#11	#C11	Reserve	-	-	
#12	#C12	Rear right-hand parking lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#13	#C13	License plate lighting, power supply	Ubat/Ulow	Ubat/Ulow	
#14	#C14	Rear left-hand parking lamp, power supply	Ubat/Ulow	Ubat/Ulow	
#15	#C15	Reserve	-	-	
#16	#C16	Fuel pump (FP), power supply	Ulow	Ubat/Ulow	
#17	#C17	Subwoofer module (SUB), power supply	Ulow	Ubat/Ulow	
#18	#C18	Rear seat belt buckle, X-supply	Ulow	Ubat	
#19	#C19	Reserve	-	-	
#20	#C20	Cargo compartment lighting and power seat, power supply	Ubat/Ulow	Ubat/Ulow	Supply from relay, interior lighting
#21	#C21	Left-hand rear door module (LDM), power supply	Ubat	Ubat	
#22	#C22	12 V output cargo compartment, power supply	Ubat	Ubat	
#23	#C23	Audio module (AUD), power supply	Ubat	Ubat	
#24	#C24	Passenger door module (PDM), power supply	Ubat	Ubat	
#25	#C25	Reserve	-	-	
#26	#C26	Reserve	-	-	
#27	#C27	Right-hand rear door module (RDM), power supply	Ubat	Ubat	
#28	#C28	Relay, rear windshield defroster, control signal	Ulow	Ubat/Ulow	
#29	#C29	Passenger power seat	Ubat	Ubat	

		module (PSM), power supply			
#30	#C30	Power seat module (PSM), power supply	Ubat	Ubat	
#31	#C31	Driver door module (DDM), power supply	Ubat	Ubat	
#32	#C32	Keyless vehicle module (KVM), signal	At communication the voltage is Ubat-(1-1.5) V		
#33	#C33	Rear windshield wiper, power supply	Ubat	Ubat	
#34	#C34	Rear windshield wiper, control signal	Ulow	Ubat/Ulow	Signal from relay, rear windshield wiper
#35	#C35	Reserve	-	-	
#36	#C36	Reserve	-	-	
#37	#C37	Occupant weight sensor (OWS), power supply	Ubat	Ubat	
#38	#C38	Tow hitch and back-up (reversing) warning, power supply	Ulow	Ubat	
#39	#C39	Differential electronic module (DEM), power supply	Ulow	Ubat	
#40	#C40	Audio module (AUD), power supply	Ubat at key in positions I and II; Ulow otherwise		Power supply from Relay, infotainment
#41	#C41	Keyless vehicle module (KVM), power supply	Ubat	Ubat	
#42	#C42	Passenger seat heater, power supply	Ubat	Ubat	Power supply from relay, comfort
#43	#C43	Driver seat heater, power supply	Ubat	Ubat	Power supply from relay, comfort
#44	#C44	Antenna module (ATM), power supply	Ubat	Ubat	
#45	#C45	Back-up (reversing) lamp, power supply	Ulow	Ubat/Ulow	Power supply from relay, back-up (reversing) lamp
#46	#C46	Reserve	-	-	



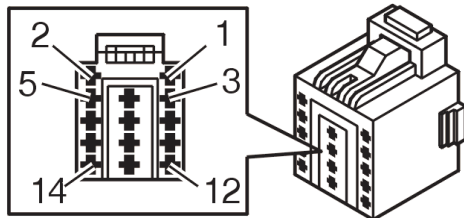
Connector F, Floor-2					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#F1	Rear left-hand seat belt buckle sensor, check signal	Ulow	4-5V/0-1V	
#2	#F2	Rear center seat belt buckle sensor, check signal	Ulow	4-5V/0-1V	
#3	#F3	Rear right-hand seat belt buckle sensor, check signal	Ulow	4-5V/0-1V	
#4	#F4	Reserve	-	-	
#5	#F5	Fuel level sensor pump side, check signal	Ulow	U=0.5-4V	Full: 0.5V Empty: 4V
#6	#F6	Reserve	-	-	
#7	#F7	Fuel level sensor, common ground	Ulow	Ulow	
#8	#F8	Reserve	-	-	
#9	#F9	Fuel level sensor AWD, ground	Ulow	Ulow	AWD
#10	#F10	Reserve	-	-	
#11	#F11	Reserve	-	-	
#12	#F12	Collision	Activated = 2-8V Not activated = 8-12V		
#13	#F13	Input signal seat belt reminder passenger	Ulow	U=0-5V	Oscillating signal in 3 phases
#14	#F14	Communication CAN_L high speed network	The voltage is 1.5-2.5 V during communication		Steering wheel module (SWM) / Differential electronic module (DEM)
#15	#F15	Communication CAN L low speed network	The voltage is 1.5-2.5 V during communication		Supplemental restraint system module (SRS) /

					Driver door module (DDM) / Passenger door module (PDM)
#16	#F16	Communication CAN_H high speed network	The voltage is 2.0-3.5 V during communication		Steering wheel module (SWM) / Differential electronic module (DEM)
#17	#F17	Input/output signal seat belt reminder passenger	Ulow	U=0-5V	Oscillating signal in 3 phases
#18	#F18	Switch passenger door, check signal	Ubat if the door is open; Ulow otherwise		
#19	#F19	Switch driver's door, check signal	Ubat if the door is open; Ulow otherwise		
#20	#F20	Switch right-hand rear door, check signal	Ubat if the door is open; Ulow otherwise		
#21	#F21	Switch left-hand rear door, check signal	Ubat if the door is open; Ulow otherwise		
#22	#F22	Handle tailgate, check signal	Ulow/Ubat	Ulow/Ubat	Grounded when the tailgate handle is pressed in.
#23	#F23	Reserve	-	-	
#24	#F24	Switch tailgate, check signal	Ubat if the tailgate is open; Ulow otherwise		
#25	#F25	Fuel level sensor ejector side, check signal	Ulow	U=0.5-4V	Full: 0.5V Empty: 4V (AWD)
#26	#F26	Reserve	-	-	
#27	#F27	Reserve	-	-	
#28	#F28	Outside temperature sensor, signal ground	Ulow	Ulow	
#29	#F29	Reserve	-	-	
#30	#F30	Communication CAN_H low speed network	The voltage is 2.0-3.5 V during communication		Supplemental restraint system module (SRS) / Driver door module (DDM) / Passenger door module (PDM)
#31	#F31	Outside temperature sensor, check signal	Ulow	U=0.5-4V	
#32	#F32	Reserve	-	-	



Connector H, Roof-2					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#15	#H1	LED seat belt reminder, power supply	Ulow	Ubat/Ulow	
#16	#H2	LED reduced alarm position, power supply	Ulow	Ubat/Ulow	
#17	#H3	Remote Keyless Entry (RKE), signal	At communication the voltage is Ubat-(1-1.5) V		
#18	#H4	Roof console and sun roof motor, power supply	Ubat	Ubat	
#19	#H5	Automatic anti-glare door mirror inhibitor, control signal	Ulow	Ubat/Ulow	
#20	#H6	Remote Keyless Entry (RKE), power supply	Ubat	Ubat	
#21	#H7	Rain sensor module (RSM), power supply	Ubat	Ubat	
#22	#H8	Communication CAN_H low speed network	The voltage is 2.0-3.5 V during communication		AEM
#23	#H9	Reserve	-	-	
#24	#H10	Reserve	-	-	
#25	terminal #H11	Reserve	-	-	
#26	terminal #H12	Reserve	-	-	
#27	terminal #H13	Reserve	-	-	
#28	#H14	Reserve	-	-	
#29	#H15	Reserve	-	-	
#30	#H16	Reserve	-	-	
#31	#H17	Mass movement	Ulow-Ubat	Ulow-Ubat	Communication

		sensor module (MMS), communication signal			with both mass movement sensor modules (MMS) in 5 door models
#32	#H18	Control signal, comfort closing	Ulow	Ulow/Ubat	
#33	#H19	Switch reduced alarm position, control signal	Ubat	Ulow/Ubat	
#34	#H20	Control signal, sun roof	Ulow	Ubat-Ulow/Ulow	$f=1.381 \cdot \text{speed}$ (Km/h), 50% pulse ratio.
#35	#H21	Mass movement sensor module (MMS), power supply	Ubat/Ulow	Ubat/Ulow	Powers both mass movement sensor module (MMS) for 5 door models.
#36	#H22	PAD warning lamp, power supply	Ulow	Ubat/Ulow	
#37	#H23	Communication LIN bus 9	During communication the voltage is 0V - Ubat		Rain sensor module (RSM)
#38	#H24	Communication CAN L low speed network	The voltage is 1.5-2.5 V during communication		AEM
#39	#H25	Reserve	-	-	
#40	#H26	Reserve	-	-	
#41	#H27	Reserve	-	-	
#42	#H28	Reserve	-	-	
#43	#H29	Reserve	-	-	
#44	#H30	Reserve	-	-	
#45	#H31	Reserve	-	-	
#46	#H32	Reserve	-	-	



Connector D, Roof-1					
Breakout box terminal	Control module terminal	Signal type	Ignition off Active / Not active	Ignition on Active / Not active	Other
#1	#D1	Reserve	-	-	
#2	#D2	Reserve	-	-	

#3	#D3	Roof lighting, return cable	Ulow	Ulow	
#4	#D4	Dimmer, check signal	Ulow	Ulow-Ubat	
#5	#D5	High level stop lamp, power supply	Ubat/Ulow	Ubat/Ulow	4 door
#6	#D6	Reserve	-	-	
#7	#D7	Roof lighting, power supply	Ubat/Ulow	Ubat/Ulow	
#8	#D8	Reserve	-	-	
#9	#D9	Accessory electronic module (AEM) ground	Ulow	Ulow	
#10	#D10	Roof console and roof lighting, ground	Ulow	Ulow	
#11	#D11	Reserve	-	-	
#12	#D12	Roof console and sun roof, ground	Ulow	Ulow	
#13	#D13	Reserve	-	-	
#14	#D14	Sun roof control module, power supply	Ubat (for 5 minutes only according to the conditions on the right)	Ubat	Active when the ignition is off and neither of the front doors have been opened