

2004 Mercedes Benz SLK Class



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (common 200A)	+	ignition switch
Second 12 Volts	red (common 200A)	+	ignition switch
Starter	purple	+	ignition switch
Second Starter	N/A		
Ignition	pink/red	+	ignition switch
Second Ignition	pink/yellow	+	ignition switch
Third Ignition	N/A		
Accessory	pink/green	+	ignition switch
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense			
Data Bus	N/A		
Can Bus High	white	data	DAS Control Module, 2 pin plug, pin 2
Can Bus Low	green	data	DAS Control Module, 2 pin plug, pin 1
Can Bus Sw	N/A		
Power Lock	white/green	-	central lock switch, pin 8
Power Unlock	same as power lock	- resistor	
Lock Motor	(vacuum)		
Unlock Motor	(vacuum)		
Disarm Defeat	(vacuum)		
Parking Lights (+)	gray/black (LF), gray/red (RF)	+	Light switch Module, 21 pin plug (B), pins 19 and 7
Parking Lights (-)	N/A		
Hazards	same as turn signals		
Turn Signal (Left)	black/white	+	turn signal switch, pin 10
Turn Signal (Right)	black/green	+	turn signal switch, pin 9

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/black (L), yellow (R)	+	Light Switch Module, 21 pin plug (B), pins 5 and 3
AutoLights			
Reverse Light	gray/yellow	+	Light Switch Module, 21 pin plug (A), pin 3
Left Front Door Trigger	brown/gray	-	PSE Control Module, 18 pin plug, pin 14
Right Front Door Trigger	brown/pink	-	PSE Control Module, 18 pin plug, pin 16
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	blue/brown	-	front dome lamp, pin 3
Trunk/Hatch Pin	brown/yellow	-	PSE Control Module, 18 pin plug, pin 13
Rear Glass Pin	N/A		
Hood Pin	brown/red	-	PSE Control Module, 16 pin plug, pin 5
Trunk Hatch/Release	N/A		
Trunk Release Motor	(vacuum)		
Fuel Door Release	(vacuum)		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	black	-	driver kick or DAS Control Module, 18 pin plug, pin 8
Factory Alarm Disarm	blue	-	driver kick or DAS Control Module, 18 pin plug, pin 9
Disarm No Unlock	Transponder and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	gray/stripe	ac	any fuel injector, 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	purple (in), purple (out)	+ N.O.	clutch switch, 2 pin plug, pins 1 and 2
Fuel Pump	red/green	+	Relay Module, plug (B), pin 3
Rear Defroster	black	5 wire	PSE Control Module, 4 pin plug, pin 1
Mirror Defroster	N/A		
Left Front Heated Seat	black/gray	5 wire	Heated Seat Control Module, 4 pin plug, pin 3
Right Front Heated Seat	black/purple	5 wire	Heated Seat Control Module, 4 pin plug, pin 1

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	green/white	ac	radio, 8 pin plug, pin 1
Brake Wire	black/white (functions with ignition on only)	+	brake switch, 3 pin plug, pin 2
Parking Brake	green/purple	-	parking brake switch or Light Switch Module, 4 pin plug, pin 2
Horn Trigger	black/pink	+	Relay Module, plug (E), pin 1
Wipers	blue	+	wiper switch, pin 7
Left Front Window (Up/Down)			
Right Front Window (Up/Down)			
Left Rear Window (Up/Down)			
Right Rear Window (Up/Down)			
Sun Roof (Open/Close)	wht/pur - grn/pur (function with ignition on only)	-	retractable hardtop switch, pins 5 and 7
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red/green	+	radio, 8 pin plug, pin 4
Radio Ground	brown	-	radio, 8 pin plug, pin 8
Radio Ignition	pink/yellow/green	+	radio, 8 pin plug, pin 7
Radio Illumination	gray/blue (dimmer)	+	radio, 8 pin plug, pin 6
Factory Amp Turn-on	same as power antenna		
Power Antenna	blue/white	+	radio, 8 pin plug, pin 5
Left Front Speaker (+/-)	green - brown/green	+,-	amplifier, 26 pin plug, pins 23 and 15
Right Front Speaker (+/-)	orange - brown/orange	+,-	amplifier, 26 pin plug, pins 25 and 17
Left Rear Speaker (+/-)	pink - brown/pink	+,-	amplifier, 26 pin plug, pins 20 and 12
Right Rear Speaker (+/-)	white - brown/white	+,-	amplifier, 26 pin plug, pins 19 and 13
Center Channel (+/-)	N/A		
Subwoofer (+/-)	N/A		
Aux. Audio Input Left (+/-)	N/A		
Aux. Audio Input Right (+/-)	N/A		
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	DIN		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front door
Right Front Speaker			right front door
Right Front Tweeter			right front door
Left Rear Speaker			left rear panel
Left Rear Tweeter	N/A		
Right Rear Speaker			right rear panel
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	N/A		

Additional Wiring Notes

Item	Note
Can Bus High	The DAS (Drive Authorization System) Control Module is behind the instrument cluster.
Can Bus Low	The DAS (Drive Authorization System) Control Module is behind the instrument cluster.
Factory Alarm Arm	The DAS (Drive Authorization System) Control Module is behind the instrument cluster. Meter this wire while turning the key in the driver door key cylinder.
Factory Alarm Disarm	The DAS (Drive Authorization System) Control Module is behind the instrument cluster. Meter this wire while turning the key in the driver door key cylinder.
Left Front Door Trigger	The PSE (Pneumatic System Equipment) Control Module is in the lower right side of the luggage compartment.
Right Front Door Trigger	The PSE (Pneumatic System Equipment) Control Module is in the lower right side of the luggage compartment.
Trunk/Hatch Pin	The PSE (Pneumatic System Equipment) Control Module is in the lower right side of the luggage compartment.
Hood Pin	The PSE (Pneumatic System Equipment) Control Module is in the lower right side of the luggage compartment.
Fuel Pump	The Relay Module is in the right rear corner of the engine compartment.
Rear Defroster	The PSE (Pneumatic System Equipment) Control Module is in the lower right side of the luggage compartment.
Left Front Heated Seat	The Heated Seat Control Module is in the center console, below the radio.
Right Front Heated Seat	The Heated Seat Control Module is in the center console, below the radio.
Horn Trigger	The Relay Module is in the right rear corner of the engine compartment.
Parking Lights (+)	The LF - RR wires are gray/black - gray/red at the Light Switch Module, 21 pin plug (A), pins 18 and 11.
Left Front Speaker (+/-)	The amplifier is under the right front floorboard.
Right Front Speaker (+/-)	The amplifier is under the right front floorboard.
Left Rear Speaker (+/-)	The amplifier is under the right front floorboard.
Right Rear Speaker (+/-)	The amplifier is under the right front floorboard.