2012 Mercedes Benz SLK Class (R172)

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (100A)	+	trunk fuse box, 1 pin plug, pin 1
Second 12 Volts	N/A		
Starter	purple/white (for starter kill only)	+	underhood fuse box, 7 pin plug (3M), pin 4
Second Starter	N/A		
Ignition	red/white (for ignition sense only)	+	trunk fuse box, 52 pin plug (9I), pin 18
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	brown/red	data	driver kick or trunk fuse box, 28 pin plug (5H), pin 10
Can Bus Low	brown	data	driver kick or trunk fuse box, 28 pin plug (5H), pin 9
Can Bus Sw	N/A		
Power Lock	green	-	Left Door Module, plug (C5), pin 4
Power Unlock	(same as power lock)	- resistor	
Lock Motor	gray/black	5 wire	Left Door Module, plug (C7), pin 7
Unlock Motor	gray/blue	5 wire	Left Door Module, plug (C7), pin 6
Disarm Defeat	gray/blue	5 wire	Right Door Module, plug (C7), pin 6
Parking Lights (+)	gry/bk (LF), gry/rd (RF); grn/bk (LR), grn/rd (RR)	+	undrhd FB, 18P plg(21M), pins 13, 14; trnk FB, 28P plg(5H), pins 1, 2
Parking Lights (-)	(LIN bus)		
Hazards	(LIN bus)		
Turn Signal (Left)	black/white (F); black/white (R)	+	underhood FB, 18P plg (20M), pin 18; trunk FB, 28P plg (5H), pin 25
Turn Signal (Right)	black/green (F); black/green (R)	+	underhood FB, 18P plg (18M), pin 11; trunk FB, 28P plg (5H), pin 15

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/black (L); white/red (R) (high beams)	+	underhood FB, 10 pin plug (14M), pin 1; 10 pin plug (15M), pin 10
AutoLights	(LIN bus)		
Reverse Light	purple/black	+	trunk fuse box, 28 pin plug (5H), pin 22
Left Front Door Trigger	brown/pink	-	Left Door Module, plug (C7), pin 9
Right Front Door Trigger	brown/pink	-	Right Door Module, plug (C7), pin 9
Left Rear Door Trigger	blue/yellow (center console alarm trigger)	-	trunk fuse box, 52 pin plug (9I), pin 14
Right Rear Door Trigger	blue/black (glove box alarm trigger)	-	trunk fuse box, 52 pin plug (9I), pin 1
Dome Supervision	(LIN bus)		
Trunk/Hatch Pin	brown/white or gray	-	trunk fuse box, 32 pin plug (6HD), pin 29 or 31
Rear Glass Pin	N/A		
Hood Pin	brown/red or yellow/brown	-	trunk fuse box, 52 pin plug (9I), pin 5
Trunk Hatch/Release	green (rear handle switch)	-	trunk fuse box, 32 pin plug (6HD), pin 30
Trunk Release Motor	black/white	5 wire	trunk fuse box, 32 pin plug (6HD), pin 3
Fuel Door Release	(unlocks along with doors)		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(factory remote only)		
Disarm No Unlock			
Trunk Alarm Shunt	N/A		
Tachometer	bk/wh, bu/gn, ye/wh or bu/bk (I4); wht/stripe (V6)	ac	any fuel injector, 2 pin plug, pin 1 or 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	purple/blue	+	underhood fuse box, 5 pin plug (9G), pin 5
Rear Defroster	black	+ latched	trunk fuse box, 1 pin plug (1H), pin 1
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	black/green	5 wire	trunk fuse box, 8 pin plug (7I), pin 7
Right Front Heated Seat	black	5 wire	trunk fuse box, 8 pin plug (7I), pin 8

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	black/red	+	trunk fuse box, 32 pin plug (6HD), pin 1
Parking Brake	(electric parking brake)		
Horn Trigger	black	+	underhood fuse box, 10 pin plug (15M), pin 9
Wipers	(CAN bus)		
Left Front Window (Up/Down)			
Right Front Window (Up/Down)			
Left Rear Window (Up/Down)			
Right Rear Window (Up/Down)			
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1	(LIN bus)		
Memory Seat 2	(LIN bus)		
Memory Seat 3	(LIN bus)		
Radio 12V	red	+	radio, 16 pin plug, pin 15
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	N/A		
Factory Amp Turn-on	blue (MOST wake up)		radio, 16 pin plug, pin 16
Power Antenna	purple (mobile phone on/off)		radio, 16 pin plug, pin 13
Left Front Speaker (+/-)	pink/black - pink	+,-	radio, 16 pin plug, pins 3 - 7
Right Front Speaker (+/-)	yellow/black - yellow	+,-	radio, 16 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	green/black - green	+,-	radio, 16 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	orange/black - orange	+,-	radio, 16 pin plug, pins 1 - 5
Center Channel (+/-)	white/black - white	+,-	amplifier, 32 pin plug, pins 23 - 28
Subwoofer (+/-)	purple/black - purple	+,-	amplifier, 32 pin plug, pins 24 - 29
Aux. Audio Input Left (+/-)	brown - black	+,-	radio, 12 pin plug, pins 4 - 11
Aux. Audio Input Right (+/-)	yellow - black	+,-	radio, 12 pin plug, pins 10 - 11
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	red/purple	+	Sat Radio in left front of trunk, 4 pin plg, pin 2
Satellite Radio Ground	brown	-	Sat Radio in left front of trunk, 4 pin plg, pin 1
Satellite Radio Ignition	blue (MOST wake up)		Sat Radio in left front of trunk, 4 pin plg, pin 3
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

What Fits

Item	Size	Depth	Location
Headunit	irregular		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			top center of dash
Subwoofer			center of rear panel
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			left front of trunk

Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are blue-blue/black (