

2002 Mercedes Benz CLK Class



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (x3)	+	ignition harness
Second 12 Volts			
Starter	purple (for starter kill only)	+	starter relay or motor
Second Starter	N/A		
Ignition	pink/red	+	ignition harness
Second Ignition	pink/yellow	+	ignition harness
Third Ignition	black/green	+	ignition harness
Accessory	N/A		
Second Accessory	N/A		
Third Accessory			
Key Sense	N/A		
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	white/green (dash door lock switch)	-	PSE control mod, 16 pin plug, pin 6
Power Unlock	same as power lock	- 630 ohms	
Lock Motor	vacuum		
Unlock Motor	vacuum		
Disarm Defeat	vacuum		
Parking Lights (+)	gray/black (L), gray/red (R)	+	illumination control module
Parking Lights (-)	N/A		
Hazards	black/purple or yellow/pink	-	hazard switch
Turn Signal (Left)	black/white	+	kick panel, harness to rear
Turn Signal (Right)	black/green	+	kick panel, harness to rear

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yl/blk or blk/grn (L), yel (R)	+	illumination control module
AutoLights			
Reverse Light	gray/yellow or yellow/white	+	illumination control module
Left Front Door Trigger	brown/gray (D), brown/blue (P)	-	PSE ctrl mod, 18 pin plg, pins14, 16
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	use door trigger wire		
Trunk/Hatch Pin	brown/yellow	-	PSE control mod, 18 pin plug, pin 13
Rear Glass Pin			
Hood Pin	brown/red	-	PSE control mod, 16 pin plug, pin 5
Trunk Hatch/Release	yellow	-	PSE control mod, 18 pin plug, pin 5
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	black	-	driver door module in door
Factory Alarm Disarm	blue	-	driver door module in door
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	NOT black/green or black/yel	ac	any ignition coil
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	green/purple		radio harness
Brake Wire	black, black/red, or black/pur	+	illumination control module
Parking Brake	brown/black	-	parking brake switch
Horn Trigger	black/white	+	horns under the hood
Wipers	yellow/gry (L), yellow/wht (H)	+	windshield wiper motor
Left Front Window (Up/Down)	see notes		
Right Front Window (Up/Down)	see LF window up/dn notes		
Left Rear Window (Up/Down)	see LF window up/dn notes		
Right Rear Window (Up/Down)	see LF window up/dn notes		
Sun Roof (Open/Close)	see LF window up/dn notes		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	white/yellow	-	driver door module in door
Memory Seat 2	white/red	-	driver door module in door
Memory Seat 3	white	-	driver door module in door
Radio 12V	red/blue or red/white	+	radio harness
Radio Ground	brown	-	radio harness
Radio Ignition	pink/green	+	radio harness
Radio Illumination	gray/blue (dimmer)	+	radio harness
Factory Amp Turn-on	same as power antenna wire		
Power Antenna	blue/white	+	radio harness
Left Front Speaker (+/-)	green - brown/green	+,-	radio harness
Right Front Speaker (+/-)	white - brown/white	+,-	radio harness
Left Rear Speaker (+/-)	pink - brown/pink	+,-	radio harness
Right Rear Speaker (+/-)	orange - brown/orange	+,-	radio harness
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Power Lock	The PSE (Pneumatic System Equipment) control module is in the passenger side of the trunk. Can also use the factory alarm arm/disarm wires.
Parking Lights (+)	The illumination control module is part of the headlight switch.
Headlight	The illumination control module is part of the headlight switch.
Reverse Light	The illumination control module is part of the headlight switch.
Left Front Door Trigger	Use both wires and diode isolate each. The PSE (Pneumatic System Equipment) control module is in the passenger side of the trunk.
Trunk/Hatch Pin	The PSE (Pneumatic System Equipment) control module is in the passenger side of the trunk.
Hood Pin	The PSE (Pneumatic System Equipment) control module is in the passenger side of the trunk.
Trunk Hatch/Release	Meter this wire while opening the trunk from the handle on the trunk. The PSE (Pneumatic System Equipment) control module is in the passenger side of the trunk.
Factory Alarm Arm	Meter this wire while turning the key in the driver door key cylinder. This wire will also lock the doors.
Factory Alarm Disarm	Meter this wire while turning the key in the driver door key cylinder. This wire will also unlock the doors.
Brake Wire	The illumination control module is part of the headlight switch.
Left Front Window (Up/Down)	Extended triggers on the factory alarm arm/disarm wires will roll the windows up/down and close/open the sunroof. Use validity channels to control.
Sun Roof (Open/Close)	The power soft top is black/gray at the switch. Open is a straight negative trigger. Close is negative trigger thru a resistor. The resistor value is not known at this time.
Memory Seat 1	Memory seat 1 is negative trigger thru a resistor. The resistor value is not known at this time.
Memory Seat 2	Memory seat 2 is negative trigger thru a resistor. The resistor value is not known at this time.
Memory Seat 3	Memory seat 3 is negative trigger thru a resistor. The resistor value is not known at this time.
Left Front Speaker (+/-)	If equipped, the amplifier is in the driver side of the trunk.