2003 MercedesBenz CClass(W203) - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/violet (20A)	+	Electronic Ignition Switch, plug (C), pin 1
Second 12 Volts	red (125A)	+	driver dash fuse box
Ground	(chassis ground)		
Starter	violet (for starter kill only)	+	underhood fuse box, 5 pin plug (C17), pin 1
Ignition	pink/red (for ignition sense only)	+ low curr	Electronic Ignition Switch, plug (C), pin 2
CAN Bus High	brown/red	data	CAN distribution connector under driver dash
CAN Bus Low	brown	data	CAN distribution connector under driver dash
Power Lock	(CAN bus)		
Power Unlock	(CAN bus)		
Lock Motor	black	5 wire	Left Front Door Module, plug (C4), pin 3
Driver Unlock Motor	red	5 wire	Left Front Door Module, plug (C4), pin 2
Passenger Unlock Motor	red	5 wire	Right Front Door Module, plug (C4), pin 2
Factory Alarm Arm	factory remote only		
Factory Alarm Disarm	factory remote only		
Parking Lights	gray/black (LF), gray/red (RF)	+	underhood fuse box, 28 pin plug (C6), pins 2 and 3
Hazards	(CAN bus)		
Turn Signal (Left)	black/white (LF)	+	underhood fuse box, 28 pin plug (C6), pin 8
Turn Signal (Right)	black/green (RF)	+	underhood fuse box, 28 pin plug (C6), pin 7
Headlight	yellow/black (L), yellow (R)	+	underhood fuse box, 6 pin plug (C5), pins 4 and 6
Reverse Light	gray/blue	+	trunk fuse box, 16 pin plug (C14), pin 8
Left Front Door Trigger	brown/gray	-	trunk fuse box, 12 pin plug (C2), pin 6
Right Front Door Trigger	brown/blue	-	trunk fuse box, 12 pin plug (C2), pin 11
Left Rear Door Trigger	brown/pink	-	trunk fuse box, 12 pin plug (C2), pin 10
Right Rear Door Trigger	brown/white	-	trunk fuse box, 12 pin plug (C2), pin 12

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Item	Wire Color	Polarity	Wire Location
Dome Light	(CAN bus)		
Trunk/Hatch Pin	brown/yellow or yellow	-	trunk fuse box, 28 pin plug (C21), pin 16 or 18
Hood Pin	brown/red	-	hood switch or underhood fuse box, 10 pin plug (C3), pin 7
Trunk/Hatch Release	green	-	trunk fuse box, 28 pin plug (C21), pin 15
Trunk Release Motor	white	5 wire	trunk fuse box, 28 pin plug (C21), pin 21 or 22
Fuel Door Release	yellow/green or yellow/blue	5 wire	trunk fuse box, 4 pin plug (C13), pin 3 or 2
Tachometer	gray/stripe	ac	any fuel injector
Clutch Pedal	brown (in), violet/white or brown/pink (out)	- N.O.	clutch switch, 2 pin plug, pins 1 and 2
Fuel Pump	black/brown or black/green	+	trunk fuse box, 7 pin plug (C1), pin 3
Rear Defroster	black	+ latched	trunk fuse box, 5 pin plug (C20), pin 5
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	black/gray	5 wire	heated seat switch, plug (C5), pin 2
Right Front Heated Seat	black/violet	5 wire	heated seat switch, plug (C5), pin 1
Speed Sense	black/green or black/gray	ac	underhood fuse box, 10 pin plug (C7), pin 8 or 10
Brake Wire	red/violet (functions with ignition on only)	+	brake switch, 4 pin plug, pin 2
Parking Brake	brown/black	-	parking brake switch, 2 pin plug, pin 2
Horn Trigger	black/white	+	underhood fuse box, 10 pin plug (C3), pin 2
Wipers	green (L), red (H)	+	underhood fuse box, 4 pin plug (C16), pins 3 and 4
Radio 12V	red/blue	+	radio, 8 pin plug, pin 4
Radio Ground	brown	-	radio, 8 pin plug, pin 8
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	blue/black (MOST wake up)		radio, 10 pin plug, pin 4 or 18 pin plug, pin 10
Power Antenna	black	+	radio, 8 pin plug, pin 5
Left Front Speaker (+/-)	green - brown/green	+,-	radio, 8 pin plug, pins 5 and 6
Right Front Speaker (+/-)	orange - brown/orange	+,-	radio, 8 pin plug, pins 3 and 4

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Item	Wire Color	Polarity	Wire Location
Left Rear Speaker (+/-)	pink - brown/pink	+,-	radio, 8 pin plug, pins 7 and 8
Right Rear Speaker (+/-)	white - brown/white	+,-	radio, 8 pin plug, pins 1 and 2
Center Channel (+/-)	gray - brown/gray	+,-	amplifier, 26 pin plug, pins 16 and 24
Subwoofer (+/-)	paralleled with rear speakers		
Aux. Audio Input Left (+/-)	black - brown	+,-	radio, 18 pin plug, pins 13 and 5
Aux. Audio Input Right (+/-)	yellow - brown	+,-	radio, 18 pin plug, pins 4 and 5
Satellite Radio 12 Volts	red/black	+	Satellite Radio Control Unit, 3 pin plug, pin 2
Satellite Radio Ground	brown	-	Satellite Radio Control Unit, 3 pin plug, pin 1
Satellite Radio Ignition	blue/black (MOST wake up)		Satellite Radio Control Unit, 3 pin plug, pin 3
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter			left front door
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front door
Left Rear Speaker	6.5		left rear door
Left Rear Tweeter			left rear door
Right Rear Speaker	6.5		right rear door
Right Rear Tweeter			right rear door
Center Channel			top center of dash
Subwoofer	9		top center of rear deck
Satellite Radio Tuner			right side of luggage compartment

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Additional Wiring Notes

Item	Note
Center Channel (+/-)	If equipped, the amplifier is in the right side of the luggage compartment.
Left Front Speaker (+/-)	If equipped, the amplifier is in the right side of the luggage compartment. On vehicles with amplifier, the speaker wires are green - brown/green at the amplifier, 26 pin plug, pins 13 and 21.
Left Rear Speaker (+/-)	If equipped, the amplifier is in the right side of the luggage compartment. On vehicles with amplifier, the speaker wires are pink - brown/pink at the amplifier, 26 pin plug, pins 23 and 15.
Parking Lights	The LR - RR wires are gray/black - gray/red at the trunk fuse box, 16 pin plug (C14), pins 6 and 2.
Right Front Speaker (+/-)	If equipped, the amplifier is in the right side of the luggage compartment. On vehicles with amplifier, the speaker wires are orange - brown/orange at the amplifier, 26 pin plug, pins 22 and 14.
Right Rear Speaker (+/-)	If equipped, the amplifier is in the right side of the luggage compartment. On vehicles with amplifier, the speaker wires are white - brown/white at the amplifier, 26 pin plug, pins 25 and 17.
Satellite Radio 12 Volts	If equipped, the Satellite Radio Control Unit is in the right side of the luggage compartment.
Subwoofer (+/-)	If equipped, the amplifier is in the right side of the luggage compartment. On vehicles with amplifier, the subwoofer wires are purple - brown/purple (1); yellow - brown/yellow (2) at the amplifier, 26 pin plug, pins 19 and 11; 20 and 12.
Tachometer	Can also use green/yellow at the underhood fuse box, 28 pin plug (C6), pin 23.
Trunk/Hatch Release	Meter this wire while opening the luggage compartment from the handle on the rear of the vehicle.
Turn Signal (Left)	The LR wire is black/white at the trunk fuse box, 16 pin plug (C14), pin 9.
Turn Signal (Right)	The RR wire is black/green at the trunk fuse box, 16 pin plug (C14), pin 12.