

2002 Mercedes Benz C Class (W203)

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/purple (20A)	+	ignition harness
Second 12 Volts			
Starter			
Second Starter			
Ignition	pink/red	+	ignition harness
Second Ignition			
Third Ignition			
Accessory	pink/yellow	+	ignition harness
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock			
Power Unlock			
Lock Motor	black		LF door module, conn 4, pin3
Unlock Motor	red		LF door module, conn 4, pin2
Disarm Defeat	red		RF door module, conn 4, pin2
Parking Lights (+)	gray/yellow		headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight			
AutoLights			
Reverse Light			
Left Front Door Trigger		-	rear fusebox in trunk L side
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision			
Trunk/Hatch Pin	brown/yellow	-	rear fuse box, conn21, pin16
Rear Glass Pin			
Hood Pin	brown/red	-	hood pin switch
Trunk Hatch/Release	black	-	LF door module, conn11, pin9
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm			
Factory Alarm Disarm			
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	grn/yel (7.5-9 VAC)		conn. 4, pin 32 @ ECM
Wait to Start			
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			
Brake Wire	red/purple	+	brake pedal switch
Parking Brake			
Horn Trigger	black/white	+	at horn
Wipers			
Left Front Window (Up/Down)	green - black		LF door control module
Right Front Window (Up/Down)	green - black		RF door control module
Left Rear Window (Up/Down)	black - green		LR door control module
Right Rear Window (Up/Down)	black - green		RR door control module
Sun Roof (Open/Close)	not recommended		
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V	red/blue	+	radio
Radio Ground	brown	-	radio
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna	black	+	radio
Left Front Speaker (+/-)	brn/grn - green		radio
Right Front Speaker (+/-)	brn/org - orange		radio
Left Rear Speaker (+/-)	brn/pnk - pink		radio
Right Rear Speaker (+/-)	brn/wht - white		radio
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			

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Transponder
Part #:	556UW
Alternate Part #'s:	DesignTech 20402, DesignTech 29402

Notes:
Only works on vehicles with switchblade keys. Vehicles with the Smart Key, a bypass is not available at this time.

Additional Wiring Notes

Item	Note
Left Front Door Trigger	All the door trigger wires are found in connector 2, which is a 12 pin plug. The driver door is brown/gray in pin 6. The front passenger door is brown/blue in pin 11. The LR door is brown/pink in pin 10. The RR door is brown/white in pin 12.
Tachometer	The ECM is under the hood on the passenger side. For tach, can also go to any of the coils and use a wire that is NOT black/yellow or black/green.