

2005 Mercedes Benz C Class (W203)

*Remote Start, Security, Keyless Entry, Accessories*

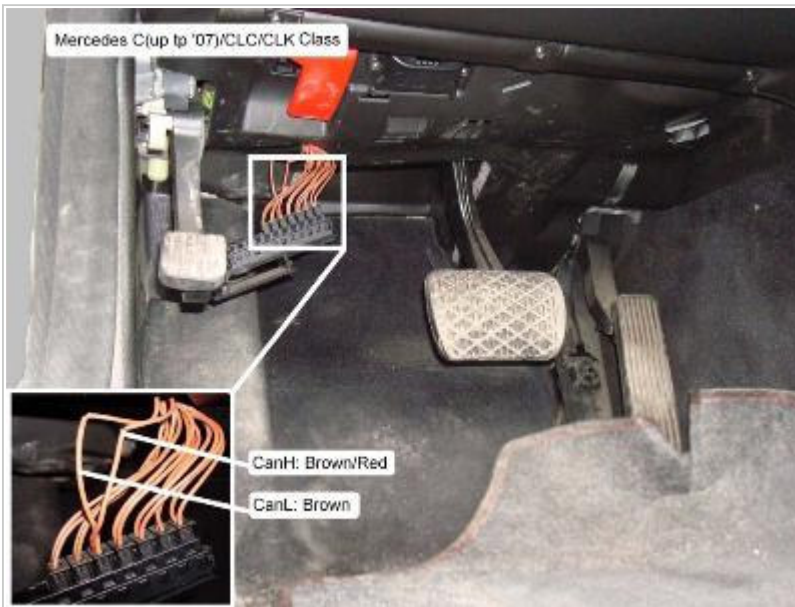
Item	Wire Color	Polarity	Wire Location
12 Volts	red/purple (20A)	+	Electronic Ignition Switch, plug (C), pin 1
Second 12 Volts	red (125A)	+	driver dash fuse box
Starter	purple (for starter kill only)	+	underhood fuse box, 5 pin plug (C17), pin 1
Second Starter	N/A		
Ignition	pink/red (for ignition sense only)	+ low curr	Electronic Ignition Switch, plug (C), pin 2
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Keysense	N/A		
Data Bus	N/A		
Can Bus High	brown/red	data	CAN distribution connector under driver dash
Can Bus Low	brown	data	CAN distribution connector under driver dash
Can Bus Sw	N/A		
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
Parking Lights (-)			
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
AutoLights			
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

<i>Remote Start, Security, Keyless Entry, Accessories (Continued)</i>			
Item	Wire Color	Polarity	Wire Location
Dome Supervision	(CAN bus)		
Trunk/Hatch Pin	brown/yellow or yellow	-	trunk fuse box, 28 pin plug (C21), pin 16 or 18
Rear Glass Pin	N/A		
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
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	gray/stripes	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	brown (in), purple/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/purple	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/purple (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
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			
Memory Seat 2			
Memory Seat 3			

<i>Audio</i>			
Item	Wire Color	Polarity	Wire Location
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
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
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
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)		

<i>What Fits</i>			
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			top center of rear deck
Left Front Headrest			
Right Front Headrest			
Left Rear Headrest			
Right Rear Headrest			
Satellite Radio Tuner			right side of luggage compartment

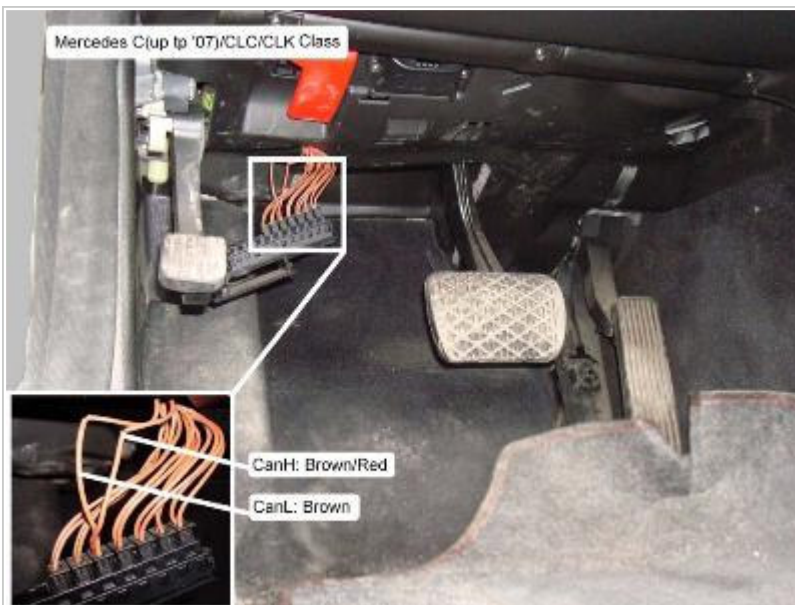
Wiring Photo and Notes: Can Bus High



Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Can Bus Low



Notes:

There are currently no notes for this item.

*Wiring Notes: Parking Lights (+)***Notes:**

The LR - RR wires are gray/black - gray/red at the trunk fuse box, 16 pin plug (C14), pins 6 and 2.

*Wiring Notes: Turn Signal (Left)***Notes:**

The LR wire is black/white at the trunk fuse box, 16 pin plug (C14), pin 9.

*Wiring Notes: Turn Signal (Right)***Notes:**

The RR wire is black/green at the trunk fuse box, 16 pin plug (C14), pin 12.

*Wiring Notes: Trunk/Hatch Release***Notes:**

Meter this wire while opening the luggage compartment from the handle on the rear of the vehicle.

*Wiring Notes: Tachometer***Notes:**

Can also use green/yellow at the underhood fuse box, 28 pin plug (C6), pin 23.

*Wiring Notes: Left Front Speaker (+/-)***Notes:**

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.

*Wiring Notes: Right Front Speaker (+/-)***Notes:**

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.

*Wiring Notes: Left Rear Speaker (+/-)***Notes:**

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.

*Wiring Notes: Right Rear Speaker (+/-)***Notes:**

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.

*Wiring Notes: Center Channel (+/-)***Notes:**

If equipped, the amplifier is in the right side of the luggage compartment.

*Wiring Notes: Subwoofer (+/-)***Notes:**

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.

*Wiring Notes: Satellite Radio 12 Volts***Notes:**

If equipped, the Satellite Radio Control Unit is in the right side of the luggage compartment.



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