

2004 Mercedes Benz E Class (W211)

*Remote Start, Security, Keyless Entry, Accessories*

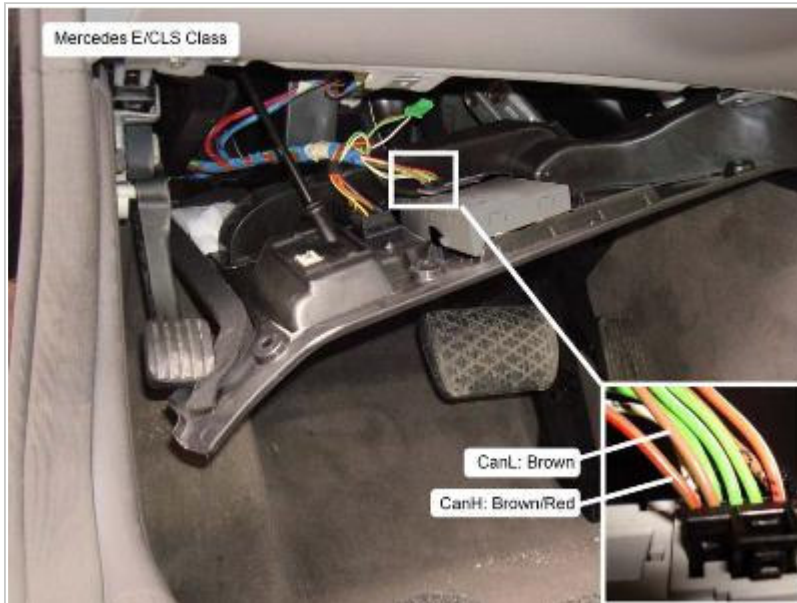
Item	Wire Color	Polarity	Wire Location
12 Volts	red (20A)	+	Electronic Ignition Switch, 5 pin plug (C), pin 1
Second 12 Volts	red (150A)	+	driver dash fuse box
Starter	purple/white or purple (for starter kill only)	+	underhood fuse box, 6 pin plug (B2), pin 5
Second Starter	N/A		
Ignition	pink/red (for ignition sense only)	+ low curr	Electronic Ignition Switch, 5 pin 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	Central Gateway Module, 10 pin plug, pin 10
Can Bus Low	brown	data	Central Gateway Module, 10 pin plug, pin 9
Can Bus Sw	N/A		
Power Lock	(CAN bus)		
Power Unlock	(CAN bus)		
Lock Motor	black	5 wire	Left Front Door Module, plug (C5), pin 3
Driver Unlock Motor	red	5 wire	Left Front Door Module, plug (C5), pin 2
Passenger Unlock Motor	red	5 wire	Right Front Door Module, plug (C5), pin 2
Parking Lights (-)			
Parking Lights (+)	gray/black (LF), gray/red (RF)	+	underhood fuse box, 4 pin plug (I12), pins 1 and 2
Hazards	(CAN bus)		
Turn Signal (Left)	black/white (LF)	+	underhood fuse box, 10 pin plug (M3), pin 5
Turn Signal (Right)	black/green (RF)	+	Passenger Side SAM Module, 6 pin plug (I3), pin 1
Headlight	yellow/black (L)	+	underhood fuse box, 10 pin plug (M3), pin 2
AutoLights			
Reverse Light	gray/yellow	+	trunk fuse box, 14 pin plug (C14), pin 8
Left Front Door Trigger	brown/yellow	-	trunk fuse box, 12 pin plug (C2), pin 9
Right Front Door Trigger	brown/white	-	trunk fuse box, 12 pin plug (C2), pin 8
Left Rear Door Trigger	brown/blue	-	trunk fuse box, 12 pin plug (C2), pin 11
Right Rear Door Trigger	brown/purple	-	trunk fuse box, 12 pin plug (C2), pin 10

<i>Remote Start, Security, Keyless Entry, Accessories (Continued)</i>			
Item	Wire Color	Polarity	Wire Location
Dome Supervision	(CAN bus)		
Trunk/Hatch Pin	green	-	trunk fuse box, 28 pin plug (C21), pin 4
Rear Glass Pin	N/A		
Hood Pin	brown/red	-	trunk fuse box, 8 pin plug (C4), pin 1
Trunk/Hatch Release	gray/yellow	-	trunk fuse box, 28 pin plug (C21), pin 5
Trunk Release Motor	red/brown or gray/pink	5 wire	trunk fuse box, 28 pin plug (C21), pin 11 or 7
Fuel Door Release	brown or red/yellow	5 wire	trunk fuse box, 4 pin plug (C13), pin 2 or 3
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	N/A		
Fuel Pump	red/green	+	trunk fuse box, 7 pin plug (C1), pin 3
Rear Defroster	red/yellow	+ latched	trunk fuse box, 5 pin plug (C20), pin 5
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	white/green	5 wire	Seat Ventilation Module, 6 pin plug (C1), pin 3
Right Front Heated Seat	white/gray	5 wire	Seat Ventilation Module, 6 pin plug (C1), pin 4
Speed Sense			
Brake Wire	black/red	+	brake switch, 2 pin plug, pin 2
Parking Brake	brown/white	-	parking brake switch, 2 pin plug, pin 1
Horn Trigger	yellow	+	underhood fuse box, 14 pin plug (M2), pin 10
Wipers	(data 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	(data bus)		
Memory Seat 2	(data bus)		
Memory Seat 3	(data bus)		

<i>Audio</i>			
Item	Wire Color	Polarity	Wire Location
Radio 12V	red/yellow	+	radio, 12 pin plug, pin 1
Radio Ground	brown	-	radio, 12 pin plug, pin 2
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	pink (MOST wake up)		radio, 12 pin plug, pin 3
Power Antenna	N/A		
Left Front Speaker (+/-)	green - brown/green	+,-	amplifier, 14 pin plug, pins 7 and 8
Right Front Speaker (+/-)	black - brown/black	+,-	amplifier, 14 pin plug, pins 13 and 14
Left Rear Speaker (+/-)	pink - brown/pink	+,-	amplifier, 14 pin plug, pins 9 and 10
Right Rear Speaker (+/-)	white - brown/white	+,-	amplifier, 14 pin plug, pins 11 and 12
Center Channel (+/-)	blue - brown/white	+,-	amplifier, 14 pin plug, pins 5 and 6
Subwoofer (+/-)	yellow - brown/yellow (1); orange - brown/org (2)	+,-	amplifier, 14 pin plug, pins 1 and 2; 3 and 4
Aux. Audio Input Left (+/-)	white - (shield)	+,-	radio, 3 pin plug, pins 3 and 2
Aux. Audio Input Right (+/-)	brown - (shield)	+,-	radio, 3 pin plug, pins 1 and 2
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

<i>What Fits</i>			
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 door
Left Rear Tweeter			left rear door; left rear deck (surround)
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door; right rear deck (surround)
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	N/A		

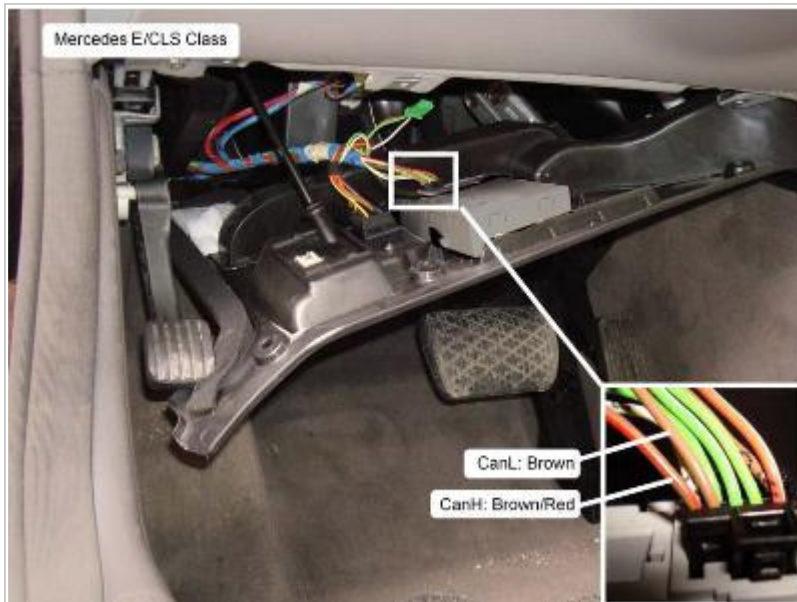
Wiring Photo and Notes: Can Bus High



Notes:

The Central Gateway Module is under the driver dash.

Wiring Photo and Notes: Can Bus Low



Notes:

The Central Gateway Module is under the driver dash.

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

The LR - RR wires are gray/black - gray/red, or black/red - black/red, at the trunk fuse box, 14 pin plug (C14), pins 4 and 10.

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

The LR wire is black/white at the trunk fuse box, 14 pin plug (C14), pin 11.

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

The Passenger Side SAM Module is on the front passenger floorboard. The RR wire is black/green at the trunk fuse box, 14 pin plug (C14), pin 3.

*Wiring Notes: Headlight***Notes:**

The R headlight wire is yellow at the Passenger Side SAM Module, 6 pin plug (I3), pin 6. The Passenger Side SAM Module is on the front passenger floorboard.

*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: Left Front Heated Seat***Notes:**

The Seat Ventilation Module is under the driver seat.

Wiring Notes: Right Front Heated Seat

Notes:

The Seat Ventilation Module is under the driver seat.

Wiring Notes: Left Front Speaker (+/-)

Notes:

The amplifier is in the left side of the luggage compartment.

Wiring Notes: Right Front Speaker (+/-)

Notes:

The amplifier is in the left side of the luggage compartment.

Wiring Notes: Left Rear Speaker (+/-)

Notes:

The amplifier is in the left side of the luggage compartment. The surround speaker wires are gray - brown/gray, or pink - brown/pink, at the amplifier, 4 pin plug, pins 1 and 2.

Wiring Notes: Right Rear Speaker (+/-)

Notes:

The amplifier is in the left side of the luggage compartment. The surround speaker wires are purple - brown/purple, or gray - brown/gray at the amplifier, 4 pin plug, pins 3 and 4.

Wiring Notes: Center Channel (+/-)

Notes:

The amplifier is in the left side of the luggage compartment.

Wiring Notes: Subwoofer (+/-)

Notes:

The amplifier is in the left side of the luggage compartment.



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