

## 2008 Mercedes Benz E Class (W211)

*Remote Start, Security, Keyless Entry, Accessories*

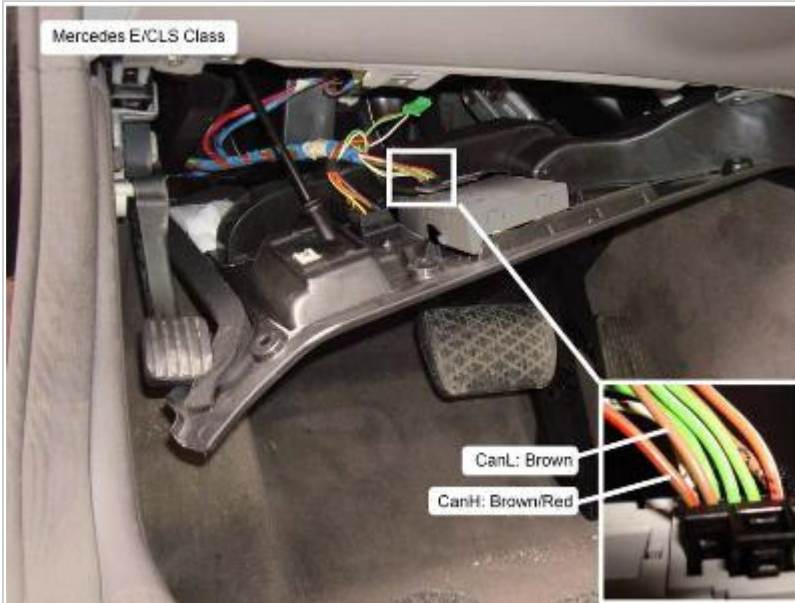
Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (20A)	+	Electronic Ignition Switch, 5 pin plug (C), pin 1
<b>Second 12 Volts</b>	red (150A)	+	driver dash fuse box
<b>Starter</b>	purple/white or purple (for starter kill only)	+	underhood fuse box, 6 pin plug (B2), pin 5
<b>Second Starter</b>	N/A		
<b>Ignition</b>	pink/red (for ignition sense only)	+ low curr	Electronic Ignition Switch, 5 pin plug (C), pin 2
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	N/A		
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Keysense</b>	N/A		
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	brown/red	data	Central Gateway Module, 10 pin plug, pin 10
<b>Can Bus Low</b>	brown	data	Central Gateway Module, 10 pin plug, pin 9
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	(CAN bus)		
<b>Power Unlock</b>	(CAN bus)		
<b>Lock Motor</b>	black	5 wire	Left Front Door Module, plug (C5), pin 3
<b>Driver Unlock Motor</b>	red	5 wire	Left Front Door Module, plug (C5), pin 2
<b>Passenger Unlock Motor</b>	red	5 wire	Right Front Door Module, plug (C5), pin 2
<b>Parking Lights (-)</b>			
<b>Parking Lights (+)</b>	gray/black (LF), gray/red (RF)	+	underhood fuse box, 4 pin plug (I12), pins 1 and 2
<b>Hazards</b>	(CAN bus)		
<b>Turn Signal (Left)</b>	black/white (LF)	+	underhood fuse box, 10 pin plug (M3), pin 5
<b>Turn Signal (Right)</b>	black/green (RF)	+	Passenger Side SAM Module, 6 pin plug (I3), pin 1
<b>Headlight</b>	yellow/black (L)	+	underhood fuse box, 10 pin plug (M3), pin 2
<b>AutoLights</b>			
<b>Reverse Light</b>	gray/yellow	+	trunk fuse box, 14 pin plug (C14), pin 8
<b>Left Front Door Trigger</b>	brown/yellow	-	trunk fuse box, 12 pin plug (C2), pin 9
<b>Right Front Door Trigger</b>	brown/white	-	trunk fuse box, 12 pin plug (C2), pin 8
<b>Left Rear Door Trigger</b>	brown/blue	-	trunk fuse box, 12 pin plug (C2), pin 11
<b>Right Rear Door Trigger</b>	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
<b>Dome Supervision</b>	(CAN bus)		
<b>Trunk/Hatch Pin</b>	green	-	trunk fuse box, 28 pin plug (C21), pin 4
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	brown/red	-	trunk fuse box, 8 pin plug (C4), pin 1
<b>Trunk/Hatch Release</b>	gray/yellow	-	trunk fuse box, 28 pin plug (C21), pin 5
<b>Trunk Release Motor</b>	red/brown or gray/pink	5 wire	trunk fuse box, 28 pin plug (C21), pin 11 or 7
<b>Fuel Door Release</b>	brown or red/yellow	5 wire	trunk fuse box, 4 pin plug (C13), pin 2 or 3
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	factory remote only		
<b>Factory Alarm Disarm</b>	factory remote only		
<b>Disarm No Unlock</b>			
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	white/stripes or black/stripes	ac	any fuel injector
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	N/A		
<b>Fuel Pump</b>	red/green	+	trunk fuse box, 7 pin plug (C1), pin 3
<b>Rear Defroster</b>	red or orange	+ latched	trunk fuse box, 5 pin plug (C20), pin 5
<b>Mirror Defroster</b>	(CAN bus)		
<b>Left Front Heated Seat</b>	white/green	5 wire	Seat Ventilation Module, 6 pin plug (C1), pin 3
<b>Right Front Heated Seat</b>	white/gray	5 wire	Seat Ventilation Module, 6 pin plug (C1), pin 4
<b>Speed Sense</b>			
<b>Brake Wire</b>	black/pink or grn/yel (functions with ign on only)	+	trunk fuse box, 28 pin plug (C21), pin 22
<b>Parking Brake</b>	brown/white	-	parking brake switch, 2 pin plug, pin 1
<b>Horn Trigger</b>	yellow	+	underhood fuse box, 14 pin plug (M2), pin 10
<b>Wipers</b>	(data bus)		
<b>Left Front Window (Up/Down)</b>			
<b>Right Front Window (Up/Down)</b>			
<b>Left Rear Window (Up/Down)</b>			
<b>Right Rear Window (Up/Down)</b>			
<b>Sun Roof (Open/Close)</b>			
<b>Sun Roof (Limit/Close)</b>			
<b>Memory Seat 1</b>	(data bus)		
<b>Memory Seat 2</b>	(data bus)		
<b>Memory Seat 3</b>	(data bus)		

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

<i>What Fits</i>			
<b>Item</b>	<b>Size</b>	<b>Depth</b>	<b>Location</b>
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>			left front door
<b>Left Front Tweeter</b>			left front door
<b>Right Front Speaker</b>			right front door
<b>Right Front Tweeter</b>			right front door
<b>Left Rear Speaker</b>			left rear door
<b>Left Rear Tweeter</b>			left rear door; left rear deck (surround)
<b>Right Rear Speaker</b>			right rear door
<b>Right Rear Tweeter</b>			right rear door; right rear deck (surround)
<b>Center Channel</b>			top center of dash
<b>Subwoofer</b>			top center of rear deck
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Rear Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			right side of luggage compartment

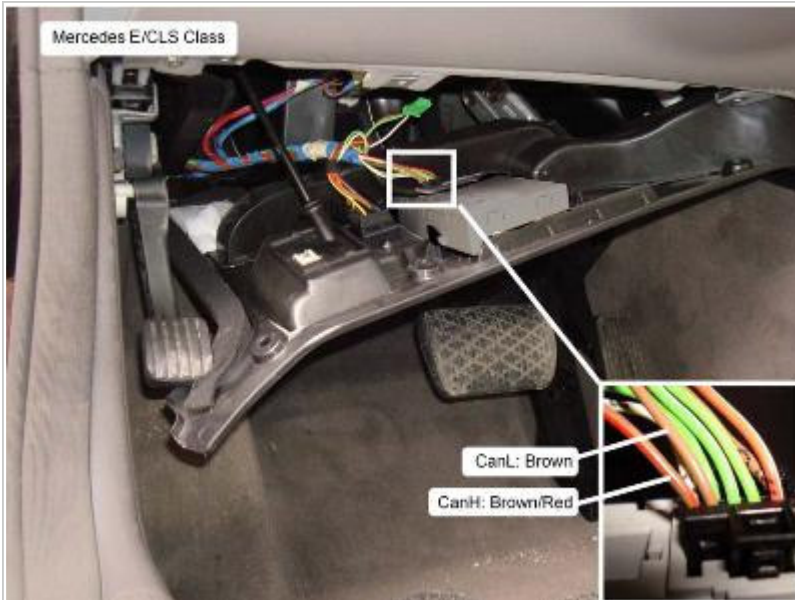
Wiring Photo and Notes: Can Bus High



**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.

*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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