

DirectWire

2013 Mercedes Benz B Class (W246) EU - International - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Green (40A)	+	SAM Control Unit under driver dash, 4 pin plug, pin 1
Ignition	Black (for ignition sense only)	+	SAM Control Unit under driver dash, 48 pin plug (B2), pin 48
CAN Bus High	Brown/Red (CAN-B)	Data	Driver kick panel (door harness) or SAM Control Unit under driver dash, 48 pin plug (B2), pin 47
CAN Bus Low	Brown (CAN-B)	Data	Driver kick panel (door harness) or SAM Control Unit under driver dash, 48 pin plug (B2), pin 46
CAN Bus High 2	Gray/White (CAN-D)	Data	OBD-Data Link Connector, 16 pin plug, pin 6
CAN Bus Low 2	Gray (CAN-D)	Data	OBD-Data Link Connector, 16 pin plug, pin 14
OBD 12 Volts	Red/Blue (10A)	+	OBD-Data Link Connector, 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, 16 pin plug, pin 4
Power Lock	Gray/Blue	- Resistor	Left Front Door Control Unit, plug (C5), pin 4
Lock Motor	Pink/Yellow	Reverse	SAM Control Unit under driver dash, 48 pin plug (B2), pin 41
Driver Unlock Motor	Green	Reverse	Left Front Door Control Unit, plug (C7), pin 6
Passenger Unlock Motor	Pink/Blue	Reverse	SAM Control Unit under driver dash, 48 pin plug (B2), pin 39

Item	Wire Color	Polarity	Wire Location
Parking Lights	Gray/Black (LF); Gray/Red (RF)	+	SAM Control Unit under driver dash, 24 pin plug (UH1), pin 5 (LF); 24 pin plug (UH2), pin 12 (RF)
Parking Lights 2	Gray/Black (LR); Gray/Red (RR)	+	SAM Control Unit under driver dash, 48 pin plug (B2), pin 16 (LR); pin 3 (RR)
Parking Lights MUX	Blue/Black	MUX	SAM Control Unit under driver dash, 14 pin plug (IP), pin 2
Turn Signal (Left)	Black/White (LF); Yellow/White (LR)	+	SAM Control Unit under driver dash, 24 pin plug (UH1), pin 4 (LF); 48 pin plug (B1), pin 39 (LR)
Turn Signal (Right)	Black/Green (RF); Gray/Orange (RR)	+	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 24 (RF); 48 pin plug (B1), pin 27 (RR)
Headlight	Yellow (L); Yellow (R)	+	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 15 (L); 24 pin plug (UH1), pin 3 (R)
AutoLights	Blue/White	MUX	SAM Control Unit under driver dash, 14 pin plug (IP), pin 3
Reverse Light	Gray/Yellow	+	SAM Control Unit under driver dash, 48 pin plug (B1), pin 25
Left Front Door Trigger	Brown/Pink	-	Left Front Door Control Unit, plug (C7), pin 9
Right Front Door Trigger	Brown/Pink	-	Right Front Door Control Unit, plug (C7), pin 9
Left Rear Door Trigger	Pink/White	-	SAM Control Unit under driver dash, 48 pin plug (B1), pin 23
Right Rear Door Trigger	White	-	SAM Control Unit under driver dash, 48 pin plug (B1), pin 19
Trunk/Hatch Pin	Yellow/Green	-	SAM Control Unit under driver dash, 48 pin plug (B1), pin 21
Hood Pin	Yellow/Gray	-	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 22

Item	Wire Color	Polarity	Wire Location
Trunk/Hatch Release	Gray/Black (rear handle switch)	-	SAM Control Unit under driver dash, 48 pin plug (B1), pin 9
Trunk Release Motor	Violet	Reverse	SAM Control Unit under driver dash, 48 pin plug (B2), pin 1
Fuel Door Release	Yellow/Green (power socket)	Reverse	SAM Control Unit under driver dash, 48 pin plug (B2), pin 40
Rear Defroster	Yellow/Red	+ Latched	AC Control Unit, 16 pin plug (C1), pin 10
Wiper Deicer	Blue/White	- Latched	Drivetrain Control Unit under driver dash, 32 pin plug (B), pin 29
Brake Wire	Black/Red	+	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 3
Horn Trigger	Yellow/Black	+	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 17
Wipers	Yellow/Violet	+	SAM Control Unit under driver dash, 24 pin plug (UH2), pin 18
Radio 12V	Red/Green	+	Radio, 16 pin plug, pin 15
Radio Ground	Brown	-	Radio, 16 pin plug, pin 12
Left Front Speaker (+/-)	Brown/Green - Green	+,-	Radio, 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Brown/Orange - Orange	+,-	Radio, 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	White - Brown/White	+,-	Radio, 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Pink - Brown/Pink	+,-	Radio, 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Brown/Green - Green	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 6 - 18
Right Front Speaker - With Amp	Brown/Orange - Orange	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 5 - 17

Item	Wire Color	Polarity	Wire Location
Left Rear Speaker - With Amp	Violet - Brown/Violet	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 8 - 20
Right Rear Speaker - With Amp	White - Brown/White	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 7 - 19
Left Rear Surround - With Amp	Yellow - Brown/Yellow	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 10 - 22
Right Rear Surround - With Amp	Pink - Brown/Pink	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 9 - 21
Center Channel - With Amp	Gray - Brown/Gray	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 23 - 28
Subwoofer - With Amp	Blue - Brown/Blue (coil 1); Red - Brown/Red (coil 2)	+,-	Amplifier under center of cargo floor, 32 pin plug, pins 3 - 15 (coil 1); pins 4 - 16 (coil 2)