

1999 Mercedes Benz S Class



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	ignition harness
Second 12 Volts			
Starter	purple	+	ignition harness
Second Starter			
Ignition	pink/blue	+	ignition harness
Second Ignition	pink/green/black	+	ignition harness
Third Ignition	pink/yellow	+	ignition harness
Accessory	pink/green	+	ignition harness
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	blue/gray	-	anti-theft control module
Power Unlock	blue	-	anti-theft control module
Lock Motor			
Unlock Motor			
Disarm Defeat			
Parking Lights (+)	gray & gray/white		headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow	+	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger		-	anti-theft control module
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	comes on with unlock		
Trunk/Hatch Pin	brown/green	-	anti-theft control module
Rear Glass Pin			
Hood Pin	brown/red	-	anti-theft control module
Trunk Hatch/Release	green	-	release switch or PSE mod
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	black/stripe		any one of ignition coils
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	black/yellow/red to grn/blk		radio harness
Brake Wire	black/red/white	+	brake pedal switch
Parking Brake			
Horn Trigger	black/yellow/pink	+	horn
Wipers	brn/yel & blk/yel	+	wiper motor
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			
Radio 12V			
Radio Ground			
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)			
Right Front Speaker (+/-)			
Left Rear Speaker (+/-)			
Right Rear Speaker (+/-)			
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			

Additional Wiring Notes

Item	Note
Disarm No Unlock	To disarm the factory alarm without unlocking the doors, cut the blue unlock wire at the anti-theft control module and diode isolate, then connect the disarm output from the remote start on the control module side of the diode.
Left Front Door Trigger	The front door trigger wire is white/pink, and the rear door trigger wire is brown/pink. Use both wires and diode isolate each. Can also use brown/gray (front) and brown/red (rear) at the PSE (pneumatic system equipment) control module under the rear seat on the passenger side. The anti-theft control module is located above battery and behind liner on right side of trunk.
Hood Pin	The anti-theft control module is located above battery and behind liner on right side of trunk.
Left Front Window (Up/Down)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.
Power Lock	Can also use blue/yellow for lock and blue/black for unlock in the driver kick panel. The anti-theft control module is located above battery and behind liner on right side of trunk.
Power Unlock	Can also use blue/yellow for lock and blue/black for unlock in the driver kick panel. The anti-theft control module is located above battery and behind liner on right side of trunk.
Sun Roof (Open/Close)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.
Trunk/Hatch Pin	Can also use brown/yellow at the PSE control module. The anti-theft control module is located above battery and behind liner on right side of trunk.
Left Front Window (Up/Down)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.