

2000 Volkswagen Beetle



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (common 110A)	+	ignition switch, 8 pin plug, pin 3
Second 12 Volts	red (common 110A)	+	ignition switch, 8 pin plug, pin 7
Starter	red/black or red/gray	+	ignition switch, 8 pin plug, pin 5
Second Starter	N/A		
Ignition	black	+	ignition switch, 8 pin plug, pin 6
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/red	+	ignition switch, 8 pin plug, pin 2
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	brown/red	+	ignition switch, 8 pin plug, pin 8
Data Bus	N/A		
Can Bus High	green (with power windows)	data	Comfort System Control Module, brown 23 pin plug, pin 9
Can Bus Low	black (with power windows)	data	Comfort System Control Module, brown 23 pin plug, pin 6
Can Bus Sw	N/A		
Power Lock	yellow (with power windows)	-	Driver Door Control Module, 29 pin plug, pin 23
Power Unlock	same as power lock	- 250 ohms	
Lock Motor	purple/yellow (with power windows)	5 wire	Driver Door Control Module, 29 pin plug, pin 11
Unlock Motor	blue/yellow (with power windows)	5 wire	Driver Door Control Module, 29 pin plug, pin 1
Disarm Defeat	blue/yellow (with power windows)	5 wire	Passenger Door Control Module, 29 pin plug, pin 12
Parking Lights (+)	gray/purple and gray/yellow (or purple/yellow)	+	headlight switch, 17 pin plug, pins 14 and 16
Parking Lights (-)	N/A		
Hazards	same as turn signals		
Turn Signal (Left)	black/white	+	Comfort System Control Module, black 15 pin plug, pin 14
Turn Signal (Right)	black/green	+	Comfort System Control Module, black 15 pin plug, pin 13

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/green	+	headlight switch, 17 pin plug, pin 7
AutoLights	N/A		
Reverse Light	black/blue or brown/black	+	driver kick, harness to rear
Left Front Door Trigger	brown/white (with power windows)	-	Driver Door Control Module, 29 pin plug, pin 18
Right Front Door Trigger	brown/white (with power windows)	-	Passenger Door Control Module, 29 pin plug, pin 5
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	brown/yellow or blue/gray	-	Comfort System Control Module, brown 23 pin plug, pin 16 or 19
Trunk/Hatch Pin	brown/black (with power windows)	-	Comfort System Control Module, brown 23 pin plug, pin 2 or 15
Rear Glass Pin	N/A		
Hood Pin	brown/red	-	Comfort System Control Module, black 15 pin plug, pin 1
Trunk Hatch/Release	green/brown (with power windows)	-	Comfort System Control Module, brown 23 pin plug, pin 21
Trunk Release Motor	red/blue	5 wire	Comfort System Control Module, brown 23 pin plug, pin 20 or 2
Fuel Door Release	blue/red	+	fuel door release switch, 5 pin plug, pin 4
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	yellow/blue (with power windows)	-	Driver Door Control Module, 29 pin plug, pin 24
Factory Alarm Disarm	white/green (with power windows)	double -	Driver Door Control Module, 29 pin plug, pin 4
Disarm No Unlock	Transponder and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	purple, purple/green, purple/red, or purple/blue	ac	any fuel injector
Wait to Start	red/white	+	glow plug relay under driver dash
Neutral Safety	N/A		
Clutch Pedal	red/gray (input), red/yellow or gray/yel (output)	+ N.O.	clutch switch, 2 pin plug, pins 1 and 2
Fuel Pump	blue/red	+	driver kick, harness to rear
Rear Defroster	white	+ latched	rear defogger switch, 6 pin plug, pin 6
Mirror Defroster	wht/yel (with pwr wndws) or same as rear defroster	+	heated mirrors switch, 10 pin plug, pin 9
Left Front Heated Seat	black/yellow	5 wire	driver heated seat switch, 6 pin plug, pin 2
Right Front Heated Seat	black/yellow	5 wire	passenger heated seat switch, 6 pin plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	blue/white	ac	Comfort System Control Module, brown 23 pin plug, pin 14 or 21
Brake Wire	red/black	+	brake switch, 4 pin plug, pin 4 or 2
Parking Brake	brown/yellow	-	parking brake switch, 2 pin plug, pin 1
Horn Trigger	black/yellow	+	horn relay under driver dash
Wipers	white/green (L), green/yellow (H)	+	wiper switch, 8 pin plug, pins 1 and 6
Left Front Window (Up/Down)	use factory alarm arm/disarm		
Right Front Window (Up/Down)	see left front window		
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red/white	+	radio
Radio Ground	brown	-	radio
Radio Ignition	brown/red or yellow/red	+	radio
Radio Illumination	gray/blue	+	radio
Factory Amp Turn-on	N/A		
Power Antenna	N/A		
Left Front Speaker (+/-)	blue/white - brown/white	+,-	radio
Right Front Speaker (+/-)	red - brown/red	+,-	radio
Left Rear Speaker (+/-)	red/green - brown/green	+,-	radio
Right Rear Speaker (+/-)	blue - brown/blue	+,-	radio
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
Tachometer	On diesel models, use white at the Engine Control Module under the driver side top dash cover.
Can Bus High	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Can Bus Low	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Power Lock	On vehicles without power windows, it is red/green (-) at the Comfort System Control Module, black 24 pin plug, pin 24. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Lock Motor	On vehicles without power windows, it is purple/yellow (5 wire) at the Comfort System Control Module, brown 23 pin plug, pin 13. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Driver Unlock Motor	On vehicles without power windows, it is blue/yellow (5 wire) at the Comfort System Control Module, brown 23 pin plug, pin 6. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Passenger Unlock Motor	On vehicles without power windows, it is blue/white (5 wire) at the Comfort System Control Module, brown 23 pin plug, pin 3. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Turn Signal (Left)	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Turn Signal (Right)	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Right Front Door Trigger	On vehicles without power windows, it is brown/white (-) at the Comfort System Control Module, black 24 pin plug, pin 5. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Dome Supervision	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Trunk Release Motor	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Factory Alarm Arm	On vehicles without power windows, it is yellow/blue (-) at the Comfort System Control Module, black 24 pin plug, pin 8. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Factory Alarm Disarm	On vehicles without power windows, it is yellow/green (-) at the Comfort System Control Module, black 24 pin plug, pin 6. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Left Front Door Trigger	On vehicles without power windows, it is brown/yellow (-) at the Comfort System Control Module, black 24 pin plug, pin 7. The Comfort System Control Module is under the driver dash, to the left of the steering column.
Hood Pin	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Trunk/Hatch Pin	The Comfort System Control Module is under the driver dash, to the left of the steering column. On vehicles without power windows, it is brown/black (-) at the Comfort System Control Module, black 24 pin plug, pin 10.
Trunk Hatch/Release	The Comfort System Control Module is under the driver dash, to the left of the steering column. On vehicles without power windows, it is green/brown (-) at the Comfort System Control Module, black 24 pin plug, pin 22.
Speed Sense	The Comfort System Control Module is under the driver dash, to the left of the steering column.
Power Unlock	On vehicles without power windows, it is blue/yellow (-) at the Comfort System Control Module, black 24 pin plug, pin 11. The Comfort System Control Module is under the driver dash, to the left of the steering column.