

2002 Volkswagen Golf

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	ignition harness
Second 12 Volts	red	+	ignition harness
Starter	red/black or red/gray	+	ignition harness
Second Starter	N/A		
Ignition	black	+	ignition harness
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/red	+	ignition harness
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	brown/red	+	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	yellow/blue	-	driver door module in door
Power Unlock	green/red or yellow/green (double pulse)	-	driver door module in door
Lock Motor	purple/yellow	5 wire	driver door module in door
Unlock Motor	blue/yellow	5 wire	driver door module in door
Disarm Defeat	purple/yellow or blue/yellow	5 wire	passenger door module in door
Parking Lights (+)	gray/black (L), gray/red (R)	+	driver kick, harness to rear
Parking Lights (-)	N/A		
Hazards	same as turn signal wires		
Turn Signal (Left)	black/white	+	column or hazard switch, pin 3
Turn Signal (Right)	black/green	+	column or hazard switch, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/red	+	headlight switch
AutoLights			
Reverse Light	black/blue	+	driver kick, harness to rear
Left Front Door Trigger	brown/white or brown/yellow	-	LF door module in door
Right Front Door Trigger	brown/white or brown/purple	-	RF door module in door
Left Rear Door Trigger	brown/white	-	LR door module in door
Right Rear Door Trigger	brown/white	-	RR door module in door
Dome Supervision	blue/gray	-	comfort module
Trunk/Hatch Pin	brown/black or brown/blue	-	comfort module
Rear Glass Pin			
Hood Pin	brown/red	-	comfort module
Trunk Hatch/Release	green/brown	-	comfort module
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	NOT black/purple or brown	ac	any ignition coil
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	blue/white	ac	instrument cluster
Brake Wire	red/black	+	driver kick, harness to rear
Parking Brake	brown/yellow	-	parking brake switch
Horn Trigger	black/yellow	+	comfort module
Wipers	green/yellow and green	+	windshield wiper motor
Left Front Window (Up/Down)	see notes		
Right Front Window (Up/Down)	see left front window up/down notes		
Left Rear Window (Up/Down)	see left front window up/down notes		
Right Rear Window (Up/Down)	see left front window up/down notes		
Sun Roof (Open/Close)	see notes		
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			

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Transponder
Part #:	556UW
Alternate Part #'s:	20402, 29402

Notes:

Door Lock Interface Module

Required:	No
Type:	Data Bus
Part #:	CAN1
Alternate Part #'s:	IM-Volkswagen-1

Notes:
Only compatible with cars equipped with power windows.

Additional Wiring Notes

Item	Note
Power Lock	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Power Unlock	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Lock Motor	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Driver Unlock Motor	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Passenger Unlock Motor	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Left Front Door Trigger	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Right Front Door Trigger	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Left Rear Door Trigger	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Right Rear Door Trigger	On models without power windows, this wire can be found at the comfort module located under the driver side dash.
Dome Supervision	The comfort module is located under the driver side dash.
Trunk/Hatch Pin	The comfort module is located under the driver side dash.
Hood Pin	The comfort module is located under the driver side dash.
Trunk Hatch/Release	The comfort module is located under the driver side dash.
Horn Trigger	The comfort module is located under the driver side dash.
Left Front Window (Up/Down)	Extended trigger on the power lock wire will roll the windows up and close the sunroof.
Sun Roof (Open/Close)	Extended trigger on the power lock wire will roll the windows up and close the sunroof.