

## 1998 Volkswagen Golf

### Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red 10 ga.	+	ign. harness - big
Second 12 Volts			
Starter	red/black 10 ga.	+	loop at back of
Second Starter			
Ignition	black 16 ga.	+	fuse box
Second Ignition			
Third Ignition			
Accessory	black/yellow 12 ga.	+	
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	yellow/red or gray	+	driver door harness in kick
Power Unlock	red/black or grn	+	driver door harness in kick
Lock Motor			
Unlock Motor			
Disarm Defeat			
Parking Lights (+)	gray/red, gray/black		back of lt.switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
Headlight	white/black	+	back of light switch
AutoLights			
Reverse Light			
Left Front Door Trigger	brown/white	-	dr. kick or alarm mod
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision			
Trunk/Hatch Pin	brown/black	-	dr. kick or alarm mod
Rear Glass Pin			
Hood Pin	brown/red	-	behind fuse box
Trunk Hatch/Release	gray		switch
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	same as lock	+	
Factory Alarm Disarm	same as unlock	+	
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	black/red	AC	at coil on firewall
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			
Brake Wire	red/black	+	brake pedal switch
Parking Brake			
Horn Trigger	black/yellow	+	behind fuse box
Wipers			
Left Front Window (Up/Down)	not recommended		
Right Front Window (Up/Down)	not recommended		
Left Rear Window (Up/Down)	not recommended		
Right Rear Window (Up/Down)	not recommended		
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			

*Smart Starter Kill Relay*

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

<b>Notes:</b>
n/a

<b>Alternate Part Notes:</b>
n/a

*Immobilizer Bypass Module*

---

<b>Required:</b>	<b>No</b>
<b>Type:</b>	<b>N/A</b>
<b>Part #:</b>	<b>N/A</b>
<b>Alternate Part #'s:</b>	

<b>Notes:</b>

*Additional Wiring Notes*

Item	Note
<b>Left Front Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Right Front Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Left Rear Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Trunk Hatch/Release</b>	Gray wire grounded by switch at rest. Use a relay to isolate the switch side of the trunk release wire from seeing 12v.
<b>Second Ignition</b>	There is a positive trigger key sense wire at the ignition switch or in the radio harness. the wire color is brown/red.
<b>Left Front Door Trigger</b>	The alarm module is located behind the headlight switch.
<b>Factory Alarm Disarm</b>	Use a single pulse to disarm without unlocking.
<b>Left Front Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Left Rear Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Parking Lights (+)</b>	Hidden release tab for light switch on upper left side of switch. Use relays to isolate the switch side of parking light wires from seeing 12v, or the ignition circuit will pulse with the light flash. It is also possible to use the hazard lights. The colors are black/white and black/green, and are positive trigger. They can be found at the alarm module or steering column.
<b>Power Unlock</b>	Requires a double pulse to unlock.
<b>Right Front Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Right Rear Window (Up/Down)</b>	Each power window motor is controlled by a module, the module and the window motor are built together as one piece, not allowing access to the motor wires
<b>Trunk/Hatch Pin</b>	The alarm module is located behind the headlight switch.