

2011 Volkswagen Golf



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (30A)	+	VESCM, black 52 pin plug, pin 1
Second 12 Volts	red/yellow (30A)	+	VESCM, brown 52 pin plug, pin 42
Starter	red/black	+	VESCM, brown 52 pin plug, pin 14
Second Starter	N/A		
Ignition	black	+	VESCM, brown 52 pin plug, pin 31
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	orange/green	data	VESCM, brown 52 pin plug, pin 15
Can Bus Low	orange/brown	data	VESCM, brown 52 pin plug, pin 16
Can Bus Sw	N/A		
Power Lock	brown/green (driver door lock switch)	- 800 ohms	Driver Door Module, gray 32 pin plug, pin 32
Power Unlock	same as power lock	-	
Lock Motor	yellow	5 wire	Driver Door Module, black 20 pin plug, pin 13
Unlock Motor	purple	5 wire	Driver Door Module, black 20 pin plug, pin 12
Disarm Defeat	purple	5 wire	Passenger Door Module, black 20 pin plug, pin 12
Parking Lights (+)	gray/yellow	+	VESCM, black 52 pin plug, pin 19
Parking Lights (-)	N/A		
Hazards	brown/red	-	VESCM, brown 52 pin plug, pin 7
Turn Signal (Left)	black/white (F); black/white (R)	+	VESCM, black 52 pin plug, pin 10; brown 52 pin plug, pin 51
Turn Signal (Right)	black/green (F); black/green (R)	+	VESCM, brown 52 pin plug, pin 50; black 52 pin plug, pin 9

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/black	+	VESCM, black 52 pin plug, pin 22
AutoLights	purple (interrupt to turn off autolights)	+	VESCM, black 52 pin plug, pin 20
Reverse Light	gray/white	+	VESCM, black 52 pin plug, pin 28
Left Front Door Trigger	brown/yellow	-	Driver Door Module, black 20 pin plug, pin 7
Right Front Door Trigger	brown/yellow	-	Passenger Door Module, black 20 pin plug, pin 7
Left Rear Door Trigger	white	-	Left Rear Door Module, 18 pin plug, pin 7
Right Rear Door Trigger	white	-	Right Rear Door Module, 18 pin plug, pin 7
Dome Supervision	red/purple	-	VESCM, brown 52 pin plug, pin 10
Trunk/Hatch Pin	brown/blue	-	VESCM, black 52 pin plug, pin 29
Rear Glass Pin	N/A		
Hood Pin	brown/green	-	VESCM, black 52 pin plug, pin 14
Trunk Hatch/Release	purple (rear handle switch)	-	VESCM, black 52 pin plug, pin 13
Trunk Release Motor	red/blue	5 wire	VESCM, white 52 pin plug, pin 11
Fuel Door Release	locks/unlocks along with doors		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	green/white (driver door key cylinder)	-	Driver Door Module, black 20 pin plug, pin 16
Factory Alarm Disarm	same as factory alarm arm	- 180 ohms	
Disarm No Unlock	Transponder and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	red/blk, red/yel, red/pur, red/gray, or red/blue	ac	any fuel injector, 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	purple/white or purple/black	-	VESCM, brown 52 pin plug, pin 30
Fuel Pump	blue/red (2.5L and TDI)	+	fuel pump relay under driver dash
Rear Defroster	black/green	- latched	VESCM, white 52 pin plug, pin 22
Mirror Defroster	yellow	-	Driver Door Module, gray 32 pin plug, pin 28
Left Front Heated Seat	(CAN and LIN bus)		
Right Front Heated Seat	(CAN and LIN bus)		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	white/purple (with power sunroof)	ac	instrument cluster, 32 pin plug, pin 9
Brake Wire	black/red (functions with ignition on only)	+	VESCM, brown 52 pin plug, pin 17
Parking Brake	brown/yellow	-	parking brake switch or instrument cluster, 32 pin plug, pin 25
Horn Trigger	red/brown	-	VESCM, white 52 pin plug, pin 41
Wipers	(CAN and LIN bus)		
Left Front Window (Up/Down)	use factory alarm arm/disarm		
Right Front Window (Up/Down)	see left front window		
Left Rear Window (Up/Down)	see left front window		
Right Rear Window (Up/Down)	see left front window		
Sun Roof (Open/Close)	use factory alarm arm/disarm		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red/yellow	+	radio, 16 pin plug, pins 15 and 16
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	(CAN bus)		
Power Antenna	N/A		
Left Front Speaker (+/-)	brown/green - brown/blue or green - brown	+,-	radio, 16 pin plug, pins 3 and 7
Right Front Speaker (+/-)	brown/red - brown/black or blue - brown	+,-	radio, 16 pin plug, pins 2 and 6
Left Rear Speaker (+/-)	red/white - brown/white or white - brown	+,-	radio, 16 pin plug, pins 4 and 8
Right Rear Speaker (+/-)	red/purple - brown/purple or yellow - brown	+,-	radio, 16 pin plug, pins 1 and 5
Center Channel (+/-)	N/A		
Subwoofer (+/-)	N/A		
Aux. Audio Input Left (+/-)	yellow - green	+,-	radio, 12 pin plug, pins 1 and 2
Aux. Audio Input Right (+/-)	gray - green	+,-	radio, 12 pin plug, pins 7 and 2
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	yellow - green (CD changer audio)	+,-	radio, 12 pin plug, pins 12 and 6
RSE Audio Right (+/-)	blue - green (CD changer audio)	+,-	radio, 12 pin plug, pins 11 and 6
Satellite Radio 12 Volts	N/A		

Copyright © 2011 Directed Electronics. All Rights Reserved. DirectWire and its vehicle information are for the sole use of authorized Directed Electronics personnel and its participating dealers and distributors. The information contained on these pages may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited.

DirectWire Vehicle Information - 11/15/2012 1:02:32 AM			
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	2.5	left front door
Left Front Tweeter	1	1	left front door
Right Front Speaker	6.5	2.5	right front door
Right Front Tweeter	1	1	right front door
Left Rear Speaker	6.5	2.5	left rear door or side panel
Left Rear Tweeter	1	1	left rear door or side panel
Right Rear Speaker	6.5	2.5	right rear door or side panel
Right Rear Tweeter	1	1	right rear door or side panel
Center Channel	N/A		
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Rear Defroster	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Can Bus High	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Can Bus Low	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Hood Pin	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Horn Trigger	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Turn Signal (Right)	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Parking Lights (+)	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Headlight	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
AutoLights	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Reverse Light	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Hazards	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Trunk/Hatch Pin	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Turn Signal (Left)	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Dome Supervision	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Left Rear Door Trigger	On vehicles without rear power windows, it is black/blue (-) at the VESCM, black 52 pin plug, pin 41. The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Right Rear Door Trigger	On vehicles without rear power windows, it is black/green (-) at the VESCM, black 52 pin plug, pin 30. The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Fuel Pump	On 2.0L models, it is black/purple (+) in the driver kick, harness to rear.
Left Front Speaker (+/-)	If equipped, the amplifier is under the driver seat. On vehicles with amplifier, the woofer wires are brown/red - brown/black at the amplifier, 38 pin plug, pins 18 and 6. The tweeter wires are green/white - gray/white at the amplifier, 38 pin plug, pins 8 and 20.
Right Front Speaker (+/-)	If equipped, the amplifier is under the driver seat. On vehicles with amplifier, the woofer wires are brown/green - brown/blue at the amplifier, 38 pin plug, pins 15 and 3. The tweeter wires are white/red - blue/red at the amplifier, 38 pin plug, pins 19 and 7.
Left Rear Speaker (+/-)	If equipped, the amplifier is under the driver seat. On vehicles with amplifier, the woofer wires are red/white - brown/white at the amplifier, 38 pin plug, pins 9 and 21. The tweeter wires are blue/black - brown/black at the amplifier, 38 pin plug, pins 13 and 14.
Right Rear Speaker (+/-)	If equipped, the amplifier is under the driver seat. On vehicles with amplifier, the woofer wires are red/purple - brown/purple at the amplifier, 38 pin plug, pins 22 and 10. The tweeter wires are gray - brown/gray at the amplifier, 38 pin plug, pins 12 and 11.
Brake Wire	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Clutch Pedal	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
12 Volts	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Second 12 Volts	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Starter	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Ignition	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Trunk Release Motor	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.
Trunk Hatch/Release	The VESCM (Vehicle Electrical System Control Module) is the relay box under the driver dash.