

2014 Volkswagen Tiguan - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	red/purple (30A)	+	VEBCM under driver dash, brown 52 pin plug, pin 42
Starter	red/white or red/black	+	Steering Column Module, 16 pin plug, pin 6
Ignition	black	+	Steering Column Module, 16 pin plug, pin 14
Accessory	yellow/black (for accessory sense only)	+	VEBCM under driver dash, white 52 pin plug, pin 28
CAN Bus High	orange/black	data	data link connector, black 16 pin plug, pin 6
CAN Bus Low	orange/brown	data	data link connector, black 16 pin plug, pin 14
CAN Bus High 2	orange/green	data	Steering Column Module, 16 pin plug, pin 4
CAN Bus Low 2	orange/brown	data	Steering Column Module, 16 pin plug, pin 3
IMMO Antenna	blue	RF	Immobilizer Reader Coil on ignition switch, 2 pin plug, pin 2
Power Lock	brown/green	- 800 ohms	Driver Door Module, 32 pin plug, pin 32
Power Unlock	(same as power lock)	-	
Lock Motor	yellow	5 wire	Driver Door Module, 20 pin plug, pin 13
Driver Unlock Motor	purple	5 wire	Driver Door Module, 20 pin plug, pin 12
Passenger Unlock Motor	purple	5 wire	Passenger Door Module, 20 pin plug, pin 12
Factory Alarm Arm	green/white (driver door key lock)	-	Driver Door Module, 20 pin plug, pin 16
Factory Alarm Disarm	(same as factory alarm arm)	- 250 ohms	
Disarm No Unlock	(transponder and ignition)		
Parking Lights (+)	gray/yellow	+	headlight switch, black 10 pin plug, pin 3
Parking Lights Interrupt	red/blue	cut	headlight switch, black 10 pin plug, pin 8
Hazards	brown/red	-	VEBCM under driver dash, brown 52 pin plug, pin 7
Turn Signal (Left)	black/white (F); black/white (R)	+	VEBCM under dr dash, blk 52 pin plg, pin 10; brn 52 pin plg, pin 51

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Right)	black/green (F); black/green (R)	+	VESCM under dr dash, brn 52 pin plug, pin 50; blk 52 pin plug, pin 9
Headlight	white/red	+	VESCM under driver dash, black 52 pin plug, pin 22
AutoLights	purple (interrupt to turn off)	+	VESCM under driver dash, black 52 pin plug, pin 20
Reverse Light	black/blue	+	VESCM under driver dash, black 52 pin plug, pin 28
Left Front Door Trigger	brown/yellow	-	Driver Door Module, 20 pin plug, pin 7
Right Front Door Trigger	brown/yellow	-	Passenger Door Module, 20 pin plug, pin 7
Left Rear Door Trigger	black/gray	-	Left Rear Door Module, 18 pin plug, pin 7
Right Rear Door Trigger	black/gray	-	Right Rear Door Module, 18 pin plug, pin 7
Dome Light	red/purple	-	VESCM under driver dash, brown 52 pin plug, pin 10
Trunk/Hatch Pin	brown/blue	-	VESCM under driver dash, black 52 pin plug, pin 29
Hood Pin	brown/green	-	VESCM under driver dash, black 52 pin plug, pin 14
Trunk/Hatch Release	purple/green (rear handle switch)	-	VESCM under driver dash, black 52 pin plug, pin 13
Trunk Release Motor	red/purple	5 wire	VESCM under driver dash, white 52 pin plug, pin 11
Fuel Door Release	(locks/unlocks along with doors)		
Tachometer	red/black, red/white, brown/purple, or red/gray	ac	any fuel injector, 2 pin plug, pin 2
Clutch Pedal	purple/black	-	VESCM under driver dash, brown 52 pin plug, pin 30
Fuel Pump	blue/purple	+	driver kick, harness to rear
Rear Defroster	yellow/gray	- latched	VESCM under driver dash, white 52 pin plug, pin 22
Mirror Defroster	yellow	-	Driver Door Module, 32 pin plug, pin 28

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Item	Wire Color	Polarity	Wire Location
Left Front Heated Seat	(CAN and LIN bus)		
Right Front Heated Seat	(CAN and LIN bus)		
Speed Sense	(wheel speed sensor)		
Brake Wire	black/red (functions with ignition on only)	+	VEBCM under driver dash, brown 52 pin plug, pin 17
Parking Brake	blue/black	-	electric parking brake switch, 16 pin plug, pin 10
Horn Trigger	yellow/blue	-	VEBCM under driver dash, 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)		
Memory Seat 1	blue/yellow	+ resistor	memory seat switch, 6 pin plug, pin 5
Memory Seat 2	(same as memory seat 1)	+ resistor	
Memory Seat 3	blue/green	+ resistor	memory seat switch, 6 pin plug, pin 2
Radio 12V	red/yellow or red/gray	+	radio, 16 pin plug, pins 15, 16
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(Infotainment CAN)		
Radio Illumination	(Infotainment CAN)		
Factory Amp Turn-on	(Infotainment CAN)		
Left Front Speaker (+/-)	brown/green - brown/blue or green - brown	+,-	radio, 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	brown/red - brown/black or blue - brown	+,-	radio, 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	red/white - brown/white or white - brown	+,-	radio, 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	red/purple - brown/purple or yellow - brown	+,-	radio, 8 pin plug, pins 1 - 5
Subwoofer (+/-)	gray/brown - gray/red (1); brown/red - wht/red (2)	+,-	amplifier under driver seat, 38 pin plug, pins 4 - 16; 17 - 5

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Item	Wire Color	Polarity	Wire Location
Aux. Audio Input Left (+/-)	green - gray	+,-	radio, 12 pin plug, pins 1 - 2
Aux. Audio Input Right (+/-)	yellow - gray	+,-	radio, 12 pin plug, pins 7 - 2
Satellite Radio 12 Volts	(built into radio)		

2014 Volkswagen Tiguan - North America***What Fits***

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	3	left front door
Left Front Tweeter	1	1	left front door
Right Front Speaker	6.5	3	right front door
Right Front Tweeter	1	1	right front door
Left Rear Speaker	6.5	3	left rear door
Left Rear Tweeter	1	1	left rear door
Right Rear Speaker	6.5	3	right rear door
Right Rear Tweeter	1	1	right rear door
Satellite Radio Tuner	(built into radio)		

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***Additional Wiring Notes***

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are white/green - blue/green (woofer); red/gray - brown/gray (midrange); blue/yellow - brown/green (tweeter) at the amplifier under driver seat, 38 pin plug, pins 18 - 6; 13 - 14; 8 - 20.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are red/white - brown/white at the amplifier under driver seat, 38 pin plug, pins 9 - 21.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are white/yellow - blue/yellow (woofer); white/black - blue/black (midrange); brown/yellow - black/white (tweeter) at the amplifier under driver seat, 38 pin plug, pins 15 - 3; 12 - 11; 19 - 7.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are red/purple - brown/purple at the amplifier under driver seat, 38 pin plug, pins 22 - 10.