

DirectWire

2025 Volkswagen ID.Buzz (Smart Key) - North America - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Blue (40A)	+	VESCM above driver kick, black-blue 73 pin plug, pin 73
Second 12 Volts	Red/White (25A)	+	VESCM above driver kick, black-green 73 pin plug, pin 1
Ignition	Black/Violet	+	VESCM above driver kick, black-blue 73 pin plug, pin 14
PTS 1	Blue/Black	-	Start Stop Button, black 6 pin plug, pin 3
PTS 2	Black/Blue	-	Start Stop Button, black 6 pin plug, pin 6
PTS 3	Blue/Black (PTS 1 alternate)	-	VESCM above driver kick, black-blue 73 pin plug, pin 39
PTS 4	Black/Blue (PTS 2 alternate)	-	VESCM above driver kick, black-blue 73 pin plug, pin 38
CAN Bus High	Red (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Orange/Brown (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Green	Data	Driver Kick, door harness
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness
CAN Bus High 3	Green	Data	VESCM above driver kick, black-blue 73 pin plug, pin 16
CAN Bus Low 3	Orange/Brown	Data	VESCM above driver kick, black-blue 73 pin plug, pin 17
OBD 12 Volts	Red/White (7.5A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16

Item	Wire Color	Polarity	Wire Location
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Black/Blue	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Antenna	Black	RF	Interior Antenna in bottom of center dash, black 2 pin plug, pin 1
IMMO Antenna 2	Black	RF	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 18
PKE Module 12 Volts	Red/Black (7.5A)	+	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 3
PKE Module Ground	Brown	-	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 17
Driver LF Antenna	Black	RF	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 22
Driver Door Handle Switch	Black/Yellow	-	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 9
Passenger LF Antenna	Blue	RF	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 24
Passenger Door Handle Switch	Black/Blue	-	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 5
Rear LF Antenna	Black	RF	Access-Start Authorization Module above driver kick, gray 32 pin plug, pin 20
Rear Handle Switch	White	-	VESCM above driver kick, black-blue 73 pin plug, pin 58
Power Lock	Violet/Yellow (if equipped)	- Resistor	Passenger Door Module, blue 32 pin plug, pin 28

Item	Wire Color	Polarity	Wire Location
Lock Motor	Violet/Yellow	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Brown/White	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/White	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	White	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Lock Detection	Green	- Resistor	Driver Door Module, white 20 pin plug, pin 6
Parking Lights -	Violet/Brown (LIN)	Data	VESCM above driver kick, black-green 73 pin plug, pin 43
Hazards	Violet/Brown (LIN)	Data	VESCM above driver kick, black-green 73 pin plug, pin 43
Turn Signal (Left)	(LF is CAN); Black/White (LR)	+	VESCM above driver kick, black-blue 73 pin plug, pin 60 (LR)
Turn Signal (Right)	(RF is CAN); Black/Green (RR)	+	VESCM above driver kick, black-green 73 pin plug, pin 27 (RR)
Reverse Light	Black/Blue	+	VESCM above driver kick, black-blue 73 pin plug, pin 72
Left Front Door Trigger	Brown/Yellow	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Brown/Yellow	-	Passenger Door Module, white 20 pin plug, pin 5
Left Rear Door Trigger	Brown/Yellow	-	VESCM above driver kick, black-blue 73 pin plug, pin 49
Right Rear Door Trigger	Brown/Yellow	-	VESCM above driver kick, black-green 73 pin plug, pin 34
Dome Light 2	Red/Gray (footwell lights)	+	VESCM above driver kick, black-green 73 pin plug, pin 72
Trunk/Hatch Pin	Brown/Blue	-	VESCM above driver kick, black-blue 73 pin plug, pin 52

Item	Wire Color	Polarity	Wire Location
Hood Pin	Violet/Green	-	VESCM above driver kick, black 46 pin plug, pin 14
Power Liftgate	Yellow/Black	-	Power Liftgate Switch, black 4 pin plug, pin 3
Power Liftgate 2	Yellow/Black (alternate location)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk/Hatch Release	White (rear handle switch)	-	VESCM above driver kick, black-blue 73 pin plug, pin 58
Trunk-Hatch Release2	Yellow/Black (driver door switch)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk Release Motor	Red/Blue	Reverse	VESCM above driver kick, black-blue 73 pin plug, pin 9
Power Sliding Door (Left)	Yellow (interior handle switch)	-	VESCM above driver kick, black-blue 73 pin plug, pin 50
Power Sliding Door (Right)	White/Blue (interior handle switch)	-	VESCM above driver kick, black-blue 73 pin plug, pin 48
Rear Defroster	Black	- Latched	VESCM above driver kick, black-green 73 pin plug, pin 24
Wiper Deicer	Black/Red	+ Latched	Heating-A/C Module above passenger kick, black 22 pin plug, pin 10
Brake Wire	Black/Red	+	VESCM above driver kick, black-green 73 pin plug, pin 58
Horn Trigger	Brown/Yellow	-	VESCM above driver kick, black 46 pin plug, pin 43
Memory Seat 1	Red/Black	MUX	Memory Seat Switch, brown 6 pin plug, pin 5
Radio 12V	Red	+	Radio behind glove box, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio behind glove box, black 8 pin plug, pin 7
Left Front Speaker (+/-)	Red/Green - Brown/Green	+,-	Radio behind glove box, brown 8 pin plug, pins 3 - 7

Item	Wire Color	Polarity	Wire Location
Right Front Speaker (+/-)	Red - Brown/Red	+, -	Radio behind glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Black/Blue - White/Blue	+, -	Radio behind glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Black/Blue - Brown/Blue	+, -	Radio behind glove box, brown 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Red/Blue - White/Blue	+, -	Amplifier under passenger seat, gray 9 pin plug, pins 5 - 4
Right Front Speaker - With Amp	Red/Blue - Brown/Blue	+, -	Amplifier under passenger seat, gray 9 pin plug, pins 2 - 1
Left Front Tweeter - With Amp	Red - White/Red (tweeter); Red/Green - White/Green (midrange)	+, -	Amplifier under passenger seat, black 38 pin plug, pins 21 - 9 (tweeter); pins 19 - 7 (midrange)
Right Front Tweeter - With Amp	Red - Brown/Red (tweeter); Red/Green - Brown/Green (midrange)	+, -	Amplifier under passenger seat, black 38 pin plug, pins 22 - 10 (tweeter); pins 20 - 8 (midrange)
Left Rear Speaker - With Amp	Black/Blue - White/Blue	+, -	Amplifier under passenger seat, black 38 pin plug, pins 16 - 4
Right Rear Speaker - With Amp	Black/Blue - Brown/Blue	+, -	Amplifier under passenger seat, black 38 pin plug, pins 15 - 3
Left Rear Tweeter - With Amp	Black/Red - White/Red	+, -	Amplifier under passenger seat, black 38 pin plug, pins 36 - 28
Right Rear Tweeter - With Amp	Black/Red - Brown/Red	+, -	Amplifier under passenger seat, black 38 pin plug, pins 37 - 29
Left Rear Surround - With Amp	Black/Green - White/Green	+, -	Amplifier under passenger seat, black 38 pin plug, pins 12 - 11
Right Rear Surround - With Amp	Black/Green - Brown/Green	+, -	Amplifier under passenger seat, black 38 pin plug, pins 13 - 14

Item	Wire Color	Polarity	Wire Location
Center Channel - With Amp	Green/Black - Green (emergency call)	+, -	Emergency Call Module right of steering column, black 36 pin plug, pins 8 - 10
Subwoofer - With Amp	Red/Blue - White/Blue (coil 1); Black/Yellow - Gray/Yellow (coil 2)	+, -	Amplifier under passenger seat, gray 9 pin plug, pins 9 - 6 (coil 1); pins 7 - 8 (coil 2)