

# DirectWire

2025 Audi Q5 (Smart Key) (All-new) - North America - Requested by [ampire.de](mailto:ampire.de)

## Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/White (35A)	+	VESCM above driver kick, black 73 pin plug, pin 73
Ground 2	Brown	-	VESCM above driver kick, black 73 pin plug, pin 12
Starter Kill	Red/Black	+	Starter Relay 1 on middle of firewall, under plastic shield
Ignition	Black	+	VESCM above driver kick, brown 46 pin plug, pin 17
Second Ignition	Black/Violet (alternate)	+	VESCM above driver kick, white 92 pin plug, pin 60
PTS 1	White/Brown	-	VESCM above driver kick, white 92 pin plug, pin 48
PTS 2	Green/Yellow	-	VESCM above driver kick, white 92 pin plug, pin 70
PTS 3	White/Red	-	VESCM above driver kick, white 92 pin plug, pin 71
PTS 4	White/Brown (PTS 1 alternate)	-	Start Stop Button in center console, black 6 pin plug, pin 3
PTS 5	Green/Yellow (PTS 2 alternate)	-	Start Stop Button in center console, black 6 pin plug, pin 6
PTS 6	White/Red (PTS 3 alternate)	-	Start Stop Button in center console, black 6 pin plug, pin 5
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

<b>Item</b>	<b>Wire Color</b>	<b>Polarity</b>	<b>Wire Location</b>
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, white 92 pin plug, pin 7
CAN Bus Low 3	Orange/Brown	Data	VESCM above driver kick, white 92 pin plug, pin 8
OBD 12 Volts	Red/Blue (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Black/Violet	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Antenna	White/Brown	RF	VESCM above driver kick, brown 46 pin plug, pin 18
IMMO Antenna 2	White/Brown	RF	Immobilizer Antenna in center console, behind shifter, black 2 pin plug, pin 2
Driver LF Antenna	Blue/Black	RF	Left Rear Door Harness
Driver LF Antenna 2	Blue/Black	RF	VESCM above driver kick, brown 46 pin plug, pin 34
Driver Door Handle Switch	Black/Red	-	Driver Door Harness
Driver Door Handle Switch 2	Black/Red	-	VESCM above driver kick, white 92 pin plug, pin 87
Passenger Door Handle Switch	Gray/Yellow	-	Passenger Door Harness
Passenger Door Handle Switch 2	Gray/Yellow	-	VESCM above driver kick, white 92 pin plug, pin 64
Left Rear Door Handle Switch	Blue	-	Left Rear Door Harness

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Left Rear Door Handle Switch 2	Blue	-	VESCM above driver kick, white 92 pin plug, pin 88
Right Rear Door Handle Switch	Black/Gray	-	Right Rear Door Harness
Right Rear Door Handle Switch 2	Black/Gray	-	VESCM above driver kick, white 92 pin plug, pin 65
Rear LF Antenna	Yellow/Red	RF	Driver Kick, harness to rear
Rear LF Antenna 2	Yellow/Red	RF	VESCM above driver kick, brown 46 pin plug, pin 35
Rear Handle Switch	Brown/Blue	-	Liftgate Harness
Rear Handle Switch 2	Brown/Blue	-	Comfort System Module in left rear cargo floor, below fuse box, black 73 pin plug, pin 59
Power Lock	Blue/Yellow (passenger switch)	-	Passenger Door Module, blue 32 pin plug, pin 28
Lock Motor	Red/Green	Reverse	Driver Door Module, white 20 pin plug, pin 10
Driver Unlock Motor	Brown/White	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Black	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Unlock Detection	Blue	-	Driver Door Module, white 20 pin plug, pin 13
Parking Lights -	Gray/Violet (LIN)	Data	Driver Door Module, white 20 pin plug, pin 17
Hazards	Violet/White (LIN)	Data	VESCM above driver kick, black 54 pin plug, pin 34
Left Front Door Trigger	Gray	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Gray	-	Passenger Door Module, white 20 pin plug, pin 5

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Left Rear Door Trigger	Gray	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Gray	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light 2	Red/Gray (driver footwell); Gray/Yellow (passenger footwell)	+	VEPCM above driver kick, black 54 pin plug, pin 38 (driver footwell); pin 20 (passenger footwell)
Trunk/Hatch Pin	Yellow	-	Comfort System Module in left rear cargo floor, below fuse box, black 73 pin plug, pin 58
Hood Pin	Yellow/Violet	-	VEPCM above driver kick, white 92 pin plug, pin 82
Power Liftgate	Yellow/Red	-	Power Liftgate Switch, black or brown 4 pin plug, pin 3 or 2
Power Liftgate 2	Yellow/Red (alternate location)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk/Hatch Release	Brown/Blue (rear handle switch)	-	Comfort System Module in left rear cargo floor, below fuse box, black 73 pin plug, pin 59
Trunk Release Motor	Green/Red	Reverse	Comfort System Module in left rear cargo floor, below fuse box, brown 17 pin plug, pin 7
Fuel Door Release	Red/White (driver door switch) (if equipped)	-	Driver Door Module, blue 32 pin plug, pin 28
Fuel Door Release 2	Blue - White/Red (lock-unlock)	Reverse	Comfort System Module in left rear cargo floor, below fuse box, brown 17 pin plug, pins 5 - 4
Tachometer	Green/Violet (2.0L)	AC	Camshaft Position Sensor, engine top driver side front, brown 3 pin plug, pin 2
Fuel Pump	Black/Green	+	Driver Kick, harness to rear
Fuel Pump 2	Black/Green (alternate location)	+	Underhood Fuse Box on passenger side firewall, under plastic shield, Fuse 16 (30A)

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Rear Defroster	Black	Reverse	Comfort System Module in left rear cargo floor, below fuse box, black 3 pin plug, pin 2
Wiper Deicer	White	+ Latched	Comfort System Module in left rear cargo floor, below fuse box, black 54 pin plug, pin 23
Brake Wire	Blue/Gray	+	VESCM above driver kick, white 92 pin plug, pin 84
Horn Trigger	Green/Black	Reverse	VESCM above driver kick, black 73 pin plug, pin 5
Wipers Protection	Violet/Black (LIN)	Cut	VESCM above driver kick, white 92 pin plug, pin 50
Radio 12V	Red/Yellow	+	Radio in right rear quarter panel, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio in right rear quarter panel, black 8 pin plug, pin 7
Left Front Speaker (+/-)	Brown/Blue - Red/Blue	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Black/Blue - White/Blue	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	White/Red - Black/Red	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Blue/Red - White/Red	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	Red/Blue - White/Blue	+,-	Radio in right rear quarter panel, black 8 pin plug, pins 2 - 6
Subwoofer (+/-)	Black/Blue - White/Blue	+,-	Radio in right rear quarter panel, black 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Red/Blue - White/Blue (woofer); Red/Yellow - Brown/Yellow (pillar midrange)	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 10 - 22 (woofer); pins 4 - 16 (pillar midrange)

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Right Front Speaker - With Amp	White/Yellow - White/Blue (woofer); Violet/Blue - Violet/Yellow (pillar midrange)	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 9 - 21 (woofer); pins 3 - 15 (pillar midrange)
Left Front Tweeter - With Amp	Gray - Red/Gray (tweeter); Green - Brown/Violet (door midrange)	+,-	Radio in right rear quarter panel, black 8 pin plug, pins 2 - 6 (tweeter); brown 8 pin plug, pins 3 - 7 (door midrange)
Right Front Tweeter - With Amp	Yellow - Blue/Yellow (tweeter); Black/Blue - White/Blue (door midrange)	+,-	Radio in right rear quarter panel, black 8 pin plug, pins 3 - 4 (tweeter); brown 8 pin plug, pins 2 - 6 (door midrange)
Left Rear Speaker - With Amp	Black/Gray - White/Gray	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 6 - 18
Right Rear Speaker - With Amp	Black/Red - White/Red	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 5 - 17
Left Rear Surround - With Amp	Gray/Yellow - Gray/Blue	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 4 - 8
Right Rear Surround - With Amp	White - Brown/Blue	+,-	Radio in right rear quarter panel, black 8 pin plug, pins 1 - 5
Center Channel - With Amp	Red/Blue - White/Blue	+,-	Radio in right rear quarter panel, brown 8 pin plug, pins 1 - 5
Subwoofer - With Amp	Blue - Brown/Blue (coil 1); Black/Blue - White/Blue (coil 2)	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 8 - 20 (coil 1); pins 7 - 19 (coil 2)