

DirectWire

2025 Audi SQ6 e-tron (Smart Key) - North America - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Green (35A)	+	VESCM in center console front passenger side, black 73 pin plug, pin 73
Ground 2	Brown	-	VESCM in center console front passenger side, black 73 pin plug, pin 12
Ignition	Black/Red	+	VESCM in center console front passenger side, brown 46 pin plug, pin 17
Second Ignition	Black/Brown (alternate)	+	VESCM in center console front passenger side, white 92 pin plug, pin 60
PTS 1	Blue	-	VESCM in center console front passenger side, white 92 pin plug, pin 48
PTS 2	White/Brown	-	VESCM in center console front passenger side, white 92 pin plug, pin 70
PTS 3	White/Red	-	VESCM in center console front passenger side, white 92 pin plug, pin 71
PTS 4	Blue (PTS 1 alternate)	-	Start Stop Button in center console, black 6 pin plug, pin 3
PTS 5	White/Brown (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

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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 in center console front passenger side, white 92 pin plug, pin 7
CAN Bus Low 3	Orange/Brown	Data	VESCM in center console front passenger side, white 92 pin plug, pin 8
OBD 12 Volts	Red/White (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/Brown	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Antenna	White/Blue	RF	VESCM in center console front passenger side, brown 46 pin plug, pin 18
IMMO Antenna 2	White/Blue	RF	Immobilizer Antenna in center console, in front of shifter, black 2 pin plug, pin 2
Driver LF Antenna	Black	RF	Left Rear Door Harness, black 19 pin plug, pin 14
Driver LF Antenna 2	Black	RF	VESCM in center console front passenger side, brown 46 pin plug, pin 34
Passenger Door Handle Switch	Black/Blue	-	Passenger Door Harness, black 41 pin plug, pin 17
Passenger Door Handle Switch 2	Black/Blue	-	VESCM in center console front passenger side, white 92 pin plug, pin 64

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Left Rear Door Handle Switch	Black/White	-	Left Rear Door Harness, black 19 pin plug, pin 8
Left Rear Door Handle Switch 2	Black/White	-	VESCM in center console front passenger side, white 92 pin plug, pin 88
Right Rear Door Handle Switch	Black/Green	-	Right Rear Door Harness, black 19 pin plug, pin 8
Right Rear Door Handle Switch 2	Black/Green	-	VESCM in center console front passenger side, white 92 pin plug, pin 65
Rear LF Antenna	Blue	RF	Driver Running Board, harness to rear
Rear LF Antenna 2	Blue	RF	VESCM in center console front passenger side, brown 46 pin plug, pin 35
Rear Handle Switch	Violet/Gray	-	Liftgate Harness
Rear Handle Switch 2	Violet/Gray	-	Comfort System Module in left rear quarter panel, black 73 pin plug, pin 59
Power Lock	Violet/Red (passenger switch)	-	Passenger Door Module, blue 32 pin plug, pin 28
Lock Motor	Blue/Brown	Reverse	Driver Door Module, white 20 pin plug, pin 10
Driver Unlock Motor	Brown/Violet	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Violet	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Unlock Detection	Violet/Yellow	-	Driver Door Module, white 20 pin plug, pin 13
Parking Lights -	Violet/Blue (LIN)	Data	Driver Door Module, white 20 pin plug, pin 17
Hazards	Violet/Yellow (LIN)	Data	VESCM in center console front passenger side, black 54 pin plug,

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			pin 34
Left Front Door Trigger	Brown/Green	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Brown/Green	-	Passenger Door Module, white 20 pin plug, pin 5
Left Rear Door Trigger	Gray/Violet	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Gray/Violet	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light 2	Black/White (driver footwell); Violet/Black (passenger footwell)	+	VESCM in center console front passenger side, black 54 pin plug, pin 38 (driver footwell); pin 20 (passenger footwell)
Trunk/Hatch Pin	Yellow	-	Comfort System Module in left rear quarter panel, black 73 pin plug, pin 58
Hood Pin	Gray/White	-	VESCM in center console front passenger side, white 92 pin plug, pin 82
Power Liftgate	Red/Green	-	Power Liftgate Switch, brown 4 pin plug, pin 2
Power Liftgate 2	Red/Green (alternate location)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk/Hatch Release	Violet/Gray (rear handle switch)	-	Comfort System Module in left rear quarter panel, black 73 pin plug, pin 59
Trunk Release Motor	Blue	Reverse	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 7
Rear Defroster	Black/Red	Reverse	Comfort System Module in left rear quarter panel, black 3 pin plug, pin 2
Brake Wire	Green/Yellow	+	VESCM in center console front passenger side, white 92 pin plug, pin 84

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Horn Trigger	White	Reverse	VESCM in center console front passenger side, black 73 pin plug, pin 5
Wipers Protection	Violet/Black (LIN)	Cut	VESCM in center console front passenger side, white 92 pin plug, pin 50
Radio 12V	Red/Yellow	+	Radio under front of center console, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio under front of center console, black 8 pin plug, pin 7
Left Front Speaker (+/-)	Red/Blue - White/Blue	+,-	Radio under front of center console, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Red/Blue - Brown/Blue	+,-	Radio under front of center console, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Black/Blue - White/Blue	+,-	Radio under front of center console, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Black/Blue - Brown/Blue	+,-	Radio under front of center console, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	Red/Gray - Gray	+,-	Radio under front of center console, black 8 pin plug, pins 2 - 6
Subwoofer (+/-)	Black/Yellow - Gray/Yellow	+,-	Radio under front of center console, black 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Red/Blue - White/Blue (woofer); Red/Green - White/Green (pillar midrange)	+,-	Amplifier in right rear quarter panel, black 38 pin plug, pins 10 - 22 (woofer); pins 4 - 16 (pillar midrange)
Right Front Speaker - With Amp	Red/Blue - Brown/Blue (woofer); Black/White - Brown/White or Red/Green - Brown/Green (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	Red - White/Red (tweeter); Red/Green - White/Green (door midrange)	+,-	Radio under front of center console, black 8 pin plug, pins 2 - 6 (tweeter); brown 8 pin plug, pins 3 - 7 (door midrange)

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Right Front Tweeter - With Amp	Black/Red - Brown/Red (tweeter); Red/Green - Brown/Green (door midrange)	+, -	Radio under front of center console, black 8 pin plug, pins 3 - 4 (tweeter); brown 8 pin plug, pins 2 - 6 (door midrange)
Left Front Surround - With Amp	Red - White/Red (headrest 1); Yellow/Violet - Blue/Violet (headrest 2)	+, -	Amplifier 2 in right rear quarter panel, black 20 pin plug, pins 8 - 9 (headrest 1); pins 17 - 18 (headrest 2)
Right Front Surround - With Amp	Red - Brown/Red (headrest 1); Red/Green - Brown/Green (headrest 2)	+, -	Amplifier 2 in right rear quarter panel, black 20 pin plug, pins 13 - 14 (headrest 1); pins 15 - 16 (headrest 2)
Left Rear Speaker - With Amp	Black/Blue - White/Blue	+, -	Amplifier in right rear quarter panel, black 38 pin plug, pins 6 - 18
Right Rear Speaker - With Amp	Black/Blue - Brown/Blue	+, -	Amplifier in right rear quarter panel, black 38 pin plug, pins 5 - 17
Left Rear Surround - With Amp	Black/Gray - White/Gray	+, -	Radio under front of center console, brown 8 pin plug, pins 4 - 8
Right Rear Surround - With Amp	Black/Gray - Brown/Gray	+, -	Radio under front of center console, black 8 pin plug, pins 1 - 5
Center Channel - With Amp	Red/Gray - Gray	+, -	Radio under front of center console, brown 8 pin plug, pins 1 - 5
Center Channel - With Amp 2	Red/Violet - Gray/Violet (coil 2) (if equipped)	+, -	Radio under front of center console, blue 12 pin plug, pins 6 - 12
Subwoofer - With Amp	Black/Yellow - Gray/Yellow (coil 1); Blue/Red - Violet/Brown (coil 2)	+, -	Amplifier in right rear quarter panel, black 38 pin plug, pins 8 - 20 (coil 1); pins 7 - 19 (coil 2)