

DirectWire

2025 Audi Q5 Hybrid (Smart Key) - North America - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Gray (35A)	+	VESCM above driver kick, right black-white 73 pin plug, pin 1
Second 12 Volts	Red/Yellow (20A)	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 16
Ground 2	Brown	-	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 15
Starter Kill	Red/Black	+	Engine Compartment, passenger side rear, black 2 pin plug, pin 1
Ignition	Black/Violet	+	VESCM above driver kick, middle black 73 pin plug, pin 19
PTS 1	Brown/Red	-	Start Stop Button in center console, black 6 pin plug, pin 3
PTS 2	Yellow/Green	-	Start Stop Button in center console, black 6 pin plug, pin 6
PTS 3	White/Red	-	Start Stop Button in center console, black 6 pin plug, pin 5
PTS 4	Brown/Red (PTS 1 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 25
PTS 5	Yellow/Green (PTS 2 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 26
PTS 6	White/Red (PTS 3 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 10
CAN Bus High	Red	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Orange/Brown	Data	OBD-Data Link Connector, black 16 pin plug, pin 14

Item	Wire Color	Polarity	Wire Location
CAN Bus High 2	Green	Data	Driver Kick, door harness --or-- VESCM above driver kick, right black-white 73 pin plug, pin 40
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness --or-- VESCM above driver kick, right black-white 73 pin plug, pin 41
CAN Bus High 3	Green	Data	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 2
CAN Bus Low 3	Orange/Brown	Data	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 1
OBD 12 Volts	Red (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	Red/Blue	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Antenna	Yellow	RF	Immobilizer Antenna in center console, behind shifter, black 2 pin plug, pin 2
IMMO Antenna 2	Yellow (alternate location)	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pin 1
Driver LF Antenna	Blue - Green	RF	Outside Antenna at rear of left rear door, black 2 pin plug, pins 2 - 1
Driver LF Antenna 2	Green - Blue	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pins 3 - 2
Passenger LF Antenna	Blue - Green	RF	Outside Antenna at rear of right rear door, black 2 pin plug, pins 2 - 1
Passenger LF Antenna 2	Brown - Red	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pins 6 - 5
Center LF Antenna	Yellow - White	RF	Inside Antenna in center console, behind shifter, black 2 pin plug, pins 2 - 1
Center LF Antenna 2	Yellow - White	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pins 1 - 10

Item	Wire Color	Polarity	Wire Location
Rear LF Antenna	Gray - Black	RF	Outside Antenna in center rear of cargo floor, black 2 pin plug, pins 2 - 1
Rear LF Antenna 2	Gray - Black	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pins 8 - 7
Power Lock	Violet/Red	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Lock Motor	Blue/Brown	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Brown/Violet or Brown/Green	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Green	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Violet/Yellow (key lock)	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Parking Lights	(fronts are CAN); Gray (LR); Gray (RR)	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 4 (LR); black 17 pin plug, pin 7 (RR)
Hazards	Red	-	VESCM above driver kick, left black 54 pin plug, pin 31
Turn Signal (Left)	(front is CAN); Black/White or White/Gray (LR)	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 14
Turn Signal (Right)	(front is CAN); Yellow/Gray or Black/Blue (RR)	+	Comfort System Module in left rear quarter panel, black 17 pin plug, pin 5
Headlight	Yellow/Black (L); Yellow or Yellow/Red (R)	+	VESCM above driver kick, middle black 73 pin plug, pin 64 (L); right black-white 73 pin plug, pin 64 (R)
Reverse Light	Black/Blue	+	Next To Left Rear Quarter Panel Fuse Box, black 12 pin plug, pin 2
Left Front Door Trigger	Brown/Green	-	Driver Door Module, white 20 pin plug, pin 5

Item	Wire Color	Polarity	Wire Location
Right Front Door Trigger	Brown/Gray	-	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
Trunk/Hatch Pin	Yellow	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 28
Hood Pin	Green/Red	-	VESCM above driver kick, middle black 73 pin plug, pin 31
Trunk/Hatch Release	Red/Green (door switch)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk-Hatch Release2	Brown/Yellow (rear handle switch)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 30
Trunk Release Motor	Green/Red	Reverse	Comfort System Module in left rear quarter panel, black 20 pin plug, pin 11
Fuel Door Release	Blue/Red - Blue (lock-unlock motor)	Reverse	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pins 31 - 30
Tachometer	Green/Violet	AC	Camshaft Position Sensor, engine driver side rear, black 3 pin plug, pin 2
Fuel Pump	Black/Yellow	+	Driver Kick, harness to rear --or-- Driver Kick Fuse Box, brown fuse holder, fuse 16
Rear Defroster	Green/Violet	+ Latched	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 32
Brake Wire	Black	+	Driver Firewall, harness to engine compartment
Brake Wire 2	Black (alternate location)	+	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 12
Parking Brake	Green/Violet (EPB indicator)	-	Electric Parking Brake Button, red 10 pin plug, pin 8
Horn Trigger	Violet/Red	Reverse	VESCM above driver kick, right black-white 73 pin plug, pin 5

Item	Wire Color	Polarity	Wire Location
Memory Seat 1	Gray	- Resistor	Driver Door Module, blue 32 pin plug, pin 19
Radio 12V	Red/Yellow	+	Radio in glove box, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio in glove box, black 8 pin plug, pin 7
Left Front Speaker (+/-)	Gray - Gray/Black	+,-	Radio in glove box, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	White - White/Black	+,-	Radio in glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Black/Red - White/Red	+,-	Radio in glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Red/Yellow - Brown/Yellow	+,-	Radio in glove box, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	White/Blue - Brown/Blue	+,-	Radio in glove box, black 8 pin plug, pins 2 - 6
Subwoofer (+/-)	Gray/Red - Gray/Brown	+,-	Radio in glove box, black 8 pin plug, pins 1 - 5
Aux. Audio Input Left (+/-)	Green - Gray	+,-	Radio in glove box, green 12 pin plug, pins 7 - 1
Aux. Audio Input Right (+/-)	Yellow - Gray	+,-	Radio in glove box, green 12 pin plug, pins 2 - 1
Rearview Camera Video	White - White or Black (w/o surround view)	+,-	Radio in glove box, blue 12 pin plug, pins 6 - 12