

DirectWire

2025 Audi Q4 e-tron (Smart Key) - North America - Requested by empire.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/Yellow (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	Gray/White	-	Start Stop Button, black 6 pin plug, pin 5
PTS 2	Gray/Blue	-	Start Stop Button, black 6 pin plug, pins 6 and 3
PTS 3	Gray/White (PTS 1 alternate)	-	VESCM above driver kick, black-blue 73 pin plug, pin 39
PTS 4	Gray/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	Red/Black	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Antenna	Black	RF	Immobilizer Antenna under center console cupholder, black 2 pin plug, pin 1
IMMO Antenna 2	Black	RF	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 18
PKE Module 12 Volts	Red/Black (10A)	+	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 3
PKE Module Ground	Brown	-	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 17
Driver LF Antenna	Black	RF	Driver Kick, black 17 pin plug, pin 6
Driver LF Antenna 2	Black	RF	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 22
Driver Door Handle Switch	Black/Blue	-	Driver Door Harness, black 46 pin plug, pin 7
Driver Door Handle Switch 2	Black/Blue	-	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 9
Passenger LF Antenna	Black	RF	Driver Kick, black 17 pin plug, pin 13
Passenger LF Antenna 2	Black	RF	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 24
Passenger Door Handle Switch	Black/Blue	-	Passenger Door Harness, black 46 pin plug, pin 7

Item	Wire Color	Polarity	Wire Location
Passenger Door Handle Switch 2	Black/Blue	-	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 5
Left Rear Door Handle Switch	White/Yellow	-	Left Rear Door Harness, black 27 pin plug, pin 16
Left Rear Door Handle Switch 2	White/Yellow	-	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 6
Right Rear Door Handle Switch	White/Blue	-	Right Rear Door Harness, black 27 pin plug, pin 16
Right Rear Door Handle Switch 2	White/Blue	-	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 7
Rear LF Antenna	Black	RF	Driver Kick, harness to rear
Rear LF Antenna 2	Black	RF	Access-Start Authorization Module left of steering column, gray 32 pin plug, pin 20
Rear Handle Switch	White/Red	-	Driver Kick, harness to rear
Rear Handle Switch 2	White/Red	-	VEBCM above driver kick, black-blue 73 pin plug, pin 32
Power Lock	Black/Green	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Lock Motor	Black/Brown	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Brown/Yellow	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Yellow	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Green/Black	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Lock Detection	Green	- Resistor	Driver Door Module, white 20 pin plug, pin 6

Item	Wire Color	Polarity	Wire Location
Parking Lights	Gray/Black (LR); Gray/Blue (RR) (base models; premium are LIN)	+	VESCM above driver kick, black-green 73 pin plug, pin 31 (LR); black-blue 73 pin plug, pin 61 (RR)
Turn Signal (Left)	(LF is CAN); Black/White (LR) (base models; premium are LIN)	+	VESCM above driver kick, black-blue 73 pin plug, pin 60 (LR)
Turn Signal (Right)	(RF is CAN); Black/Green (RR) (base models; premium are LIN)	+	VESCM above driver kick, black-green 73 pin plug, pin 27 (RR)
Reverse Light	Black/Blue (base models; premium are LIN)	+	VESCM above driver kick, black-green 73 pin plug, pin 6
Left Front Door Trigger	Green/Blue	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Gray/Blue	-	Passenger Door Module, white 20 pin plug, pin 5
Left Rear Door Trigger	Gray/Blue	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Gray/Blue	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light 2	Red/Gray (footwell lights)	+	VESCM above driver kick, black-green 73 pin plug, pin 72
Trunk/Hatch Pin	Brown/Yellow	-	VESCM above driver kick, black-blue 73 pin plug, pin 52
Hood Pin	Brown/Green	-	VESCM above driver kick, black 46 pin plug, pin 14
Power Liftgate	Blue/Red	-	Driver Door Module, blue 32 pin plug, pin 23
Power Liftgate 2	Blue/Red (alternate location)	-	Power Liftgate Switch, brown 4 pin plug, pin 4
Trunk/Hatch Release	White/Red (rear handle switch)	-	VESCM above driver kick, black-blue 73 pin plug, pin 32
Trunk Release Motor	Red/Blue	Reverse	VESCM above driver kick, black-blue 73 pin plug, pin 9

Item	Wire Color	Polarity	Wire Location
Rear Defroster	Black/White	- Latched	VESCM above driver kick, black-green 73 pin plug, pin 24
Wiper Deicer	Green/Red	+ Latched	Driver Kick, red 17 pin plug, pin 1
Brake Wire	Black/Red	+	Driver Kick, red 17 pin plug, pin 2
Brake Wire 2	Black/Red (alternate location)	+	VESCM above driver kick, black-green 73 pin plug, pin 58
Horn Trigger	Red/Brown	-	VESCM above driver kick, black 46 pin plug, pin 43
Wipers Protection	Violet/White (LIN)	Cut	VESCM above driver kick, black 46 pin plug, pin 30
Memory Seat 1	Violet/Yellow	MUX	Driver Door Module, blue 32 pin plug, pin 19 --or-- Memory Seat Switch, black 5 pin plug, pin 3
Radio 12V	Red/White	+	Radio behind glove box, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio behind glove box, black 8 pin plug, pin 7
Radio Ignition	Black/Blue	+	USB Charging Socket, brown 4 pin plug, pin 1
Left Front Speaker (+/-)	White/Red - White/Brown	+,-	Radio behind glove box, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Red/White - Brown/White	+,-	Radio behind glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Red/White - Brown/White	+,-	Radio behind glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Red/Blue - Brown/Blue	+,-	Radio behind glove box, brown 8 pin plug, pins 1 - 5
Subwoofer (+/-)	Black/Blue - Brown/Blue	+,-	Radio behind glove box, black 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Red/Green - Brown/Green	+,-	Amplifier in left rear quarter panel, black 38 pin plug, pins 10 - 22

Item	Wire Color	Polarity	Wire Location
Right Front Speaker - With Amp	Red/White - Brown/White	+,-	Amplifier in left rear quarter panel, black 38 pin plug, pins 9 - 21
Left Front Tweeter - With Amp	Gray - Brown/Gray	+,-	Radio behind glove box, brown 8 pin plug, pins 3 - 7
Right Front Tweeter - With Amp	Yellow - Brown/Yellow	+,-	Radio behind glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker - With Amp	Red/Blue - Brown/Blue	+,-	Amplifier in left rear quarter panel, black 38 pin plug, pins 6 - 18
Right Rear Speaker - With Amp	Red/White - Brown/White	+,-	Amplifier in left rear quarter panel, black 38 pin plug, pins 5 - 17
Left Rear Tweeter - With Amp	Red/White - Brown/White	+,-	Radio behind glove box, brown 8 pin plug, pins 4 - 8
Right Rear Tweeter - With Amp	Red/Blue - Brown/Blue	+,-	Radio behind glove box, brown 8 pin plug, pins 1 - 5
Subwoofer - With Amp	Black/Blue - White/Blue (coil 1); Red/Blue - Brown/Blue (coil 2)	+,-	Amplifier in left rear quarter panel, black 38 pin plug, pins 8 - 20 (coil 1); pin 7 - 19 (coil 2)