2010 Audi Q5

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/green (30A)	+	VESCM under driver dash, brown 17 pin plug, pin 16
Second 12 Volts	red/purple (30A)	+	VESCM under driver dash, red 17 pin plug, pin 16
Starter	gray/blue; black/red; black	-	electronic ignition switch, 16 pin plug, pins 13, 14, 6
Second Starter	blue/yellow (SS1); blue/white (SS2) (push-bttn st)	-	start/stop button, 4 pin plug, pins 3, 4
Ignition	black/purple (for ignition sense only)	+	VESCM under driver dash, black 32 pin plug, pin 16
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/white (for accessory sense only)	+	cigarette lighter, 3 pin plug, pin 2
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	black/yellow	-	electronic ignition switch, 16 pin plug, pin 5
Data Bus	IMMOBILIZER AND IGNITION INTERFACE REQUIRED FOR RS		
Can Bus High	orange/green	data	driver kick or VESCM under driver dash, brown 16 pin plug, pin 15
Can Bus Low	orange/brown	data	driver kick or VESCM under driver dash, brown 16 pin plug, pin 14
Can Bus Sw	N/A		
Power Lock	purple/red	- resistor	Driver Door Module, 32 pin plug, pin 28
Power Unlock	(same as power lock)	- resistor	
Lock Motor	gray/green	5 wire	Driver Door Module, 20 pin plug, pin 13
Unlock Motor	brown/blue	5 wire	Driver Door Module, 20 pin plug, pin 11
Disarm Defeat	brown/blue	5 wire	Passenger Door Module, 20 pin plug, pin 11
Parking Lights (+)	gray/black (LF); gray/red (RF)	+	VESCM under dr dash, brn 17 pin plug, pin 2; red 17 pin plg, pin 12
Parking Lights (-)	(LIN bus)		
Hazards	red/yellow	-	VESCM under driver dash, gray 32 pin plug, pin 8
Turn Signal (Left)	black/white (F); black/blue (R)	+	VESCM, bn 17 pin plg, pin 5; Cmft Sys Mod, black 17 pin plug, pin 12
Turn Signal (Right)	black/green (F); black/green (R)	+	VESCM, rd 17 pin plg, pin10; Cmft Sys Mod, brown 17 pin plg, pin 13

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/black (L); yellow or green/white (R)	+	VESCM under dr dash, brn 17 pin plg, pin 15; red 17 pin plg, pin 15
AutoLights	(LIN bus)		
Reverse Light	black	+	Comfort System Module in RR qrtr panel, brown 17 pin plug, pin 14
Left Front Door Trigger	gray/purple	-	Driver Door Module, 20 pin plug, pin 5
Right Front Door Trigger	gray/purple	-	Passenger Door Module, 20 pin plug, pin 5
Left Rear Door Trigger	gray/purple	-	Left Rear Door Module, 20 pin plug, pin 5
Right Rear Door Trigger	gray/purple	-	Right Rear Door Module, 20 pin plug, pin 5
Dome Supervision	blue	-	VESCM under driver dash, black 17 pin plug, pin 9
Trunk/Hatch Pin	green/yellow	-	Comfort System Module in RR qrtr panel, gray 32 pin plug, pin 4
Rear Glass Pin	N/A		
Hood Pin	green/yellow	-	VESCM under driver dash, black 32 pin plug, pin 3
Trunk Hatch/Release	red	-	Driver Door Module, 32 pin plug, pin 23
Trunk Release Motor	green/red	5 wire	Comfort System Module in RR qrtr panel, black 17 pin plug, pin 5
Fuel Door Release	(locks/unlocks along with doors)		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue (driver door key lock)	-	Driver Door Module, 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	- 250 ohms	
Disarm No Unlock	(see factory alarm disarm)		
Trunk Alarm Shunt	N/A		
Tachometer	brown/stripe or black/stripe	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	black/white	+	driver dash fuse panel, brn fuse carrier 2, pin 3A
Rear Defroster	white/red	+ latched	Comfort System Module in RR qrtr panel, black 32 pin plug, pin 4
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	red/white (without ventilation)	5 wire	VESCM under driver dash, green 6 pin plug, pin 1
Right Front Heated Seat	red/green (without ventilation)	5 wire	VESCM under driver dash, green 6 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	white/blue	ac	driver kick, brown 17 pin plug, pin 3
Brake Wire	red/black	+	brake switch, black 4 pin plug, pin 3
Parking Brake	gray/yellow	-	electric parking brake switch, 12 pin plug, pin 8
Horn Trigger	gray/yellow	+	VESCM under driver dash, black 32 pin plug, pin 29
Wipers	(LIN bus)		
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Left Rear Window (Up/Down)	(see left front window)		
Right Rear Window (Up/Down)	(see left front window)		
Sun Roof (Open/Close)	(use factory alarm arm/disarm)		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	gray/yellow	- resistor	Driver Door Module, 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)	- resistor	
Memory Seat 3	N/A		
Radio 12V	red/green, red/yellow, or red/purple	+	radio, black 16 pin plug, pin 15 or black 10 pin plug, pin 10
Radio Ground	brown	-	radio, black 16 pin plug, pin 12 or black 10 pin plug, pin 9
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	(CAN bus)		
Power Antenna	N/A		
Left Front Speaker (+/-)	red/blue - brown/blue	+,-	radio, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	red/yellow - brown/yellow	+,-	radio, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	red/purple - brown/purple	+,-	radio, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	white/green - blue/green	+,-	radio, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	blue/white - black/white	+,-	radio, black 10 pin plug, pins 2 - 6
Subwoofer (+/-)	white/yellow - brown/yellow	+,-	radio, black 10 pin plug, pins 1 - 5
Aux. Audio Input Left (+/-)	yellow - gray or brown	+,-	radio, blue 12 pin plug, pins 1 - 2
Aux. Audio Input Right (+/-)	green - gray or brown	+,-	radio, blue 12 pin plug, pins 7 - 2
RSE Video (+/-)	(coaxial cable)		
RSE Audio Left (+/-)	(MOST bus)		
RSE Audio Right (+/-)	(MOST bus)		
Satellite Radio 12 Volts	(built into radio)		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	3	left front door
Left Front Tweeter	1 (tweeter); 2.5 (midrange)	1; 2	left front door (tweeter); front dash (midrange)
Right Front Speaker	6.5	3	right front door
Right Front Tweeter	1 (tweeter); 2.5 (midrange)	1; 2	right front door (tweeter); front dash (midrange)
Left Rear Speaker	6.5	3	left rear door
Left Rear Tweeter	1 (tweeter); 2.5 (surround)	1; 2	left rear door (tweeter); rear pillar (surround)
Right Rear Speaker	6.5	3	right rear door
Right Rear Tweeter	1 (tweeter); 2.5 (surround)	1; 2	right rear door (tweeter); rear pillar (surround)
Center Channel	2.5	2	top center of dash
Subwoofer	6.5	3	spare tire well
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the tweeter/midrange wires are red/blue - brown/blue at the amplifier in LR quarter panel, 32 pin plug, pins 4 - 16 (standard amp); 6 - 18 (premium amp). The woofer wires are red/blue - brown/blue at the amplifier, 32 pin plug, pins 23 - 28 (premium amp).
Right Front Speaker (+/-)	On models with amplifier, the tweeter/midrange wires are red/yellow - brown/yellow at the amplifier in LR quarter panel, 32 pin plug, pins 5 - 17 (standard amp); 7 - 19 (premium amp). The woofer wires are red/yellow - brown/yellow at the amplifier, 32 pin plug, pins 10 - 22 (premium amp).
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are red/purple - brown/purple at the amplifier in LR quarter panel, 32 pin plug, pins 6 - 18 (standard amp); 3 - 15 (premium amp). The surround wires are red/gray - brown/gray at the amplifier, 32 pin plug, pins 8 - 20 (premium amp).
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are white/green - blue/green at the amplifier in LR quarter panel, 32 pin plug, pins 7 - 19 (standard amp); 4 - 16 (premium amp). The surround wires are red/gray - brown/gray at the amplifier, 32 pin plug, pins 9 - 21 (premium amp).
Center Channel (+/-)	On models with amplifier, the speaker wires are blue/white - black/white at the amplifier in LR quarter panel, 32 pin plug, pins 8 - 20 (standard amp); 5 - 17 (premium amp).
Subwoofer (+/-)	On models with amplifier, the speaker wires are white/yellow - brown/yellow or blue/yellow at the amplifier in LR quarter panel, 32 pin plug, pins 3 - 15 (standard amp); 25 - 30 (premium amp).
Parking Lights (+)	The LR - RR are gray/black - gray (+) at the Comfort System Module in RR quarter panel, brown 17 pin plug, pin 11; black 17 pin plug, pin 10.