

2010 Audi A8



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (150A)	+	driver dash relay panel
Second 12 Volts	N/A		
Starter	red/black (for starter kill only)	+	passenger kick relay panel
Second Starter	N/A		
Ignition	black (for ignition sense only)	+	driver dash relay panel
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/yellow (for accessory sense only)	+	driver dash relay panel
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	use KIVW interface module		
Can Bus High	orange/green	data	driver kick, door harness
Can Bus Low	orange/brown	data	driver kick, door harness
Can Bus Sw	N/A		
Power Lock	blue/white	- resistor	Driver Door Control Module, 32 pin plug, pin 23
Power Unlock	same as power lock	- resistor	
Lock Motor	gray/white	5 wire	Driver Door Control Module, 12 pin plug, pin 5
Unlock Motor	brown	5 wire	Driver Door Control Module, 12 pin plug, pin 4
Disarm Defeat	brown	5 wire	Passenger Door Control Module, 12 pin plug, pin 4
Parking Lights (+)	gray/black (LF), gray/red (RF)	+	VESCM, 32 pin plug, pins 4 and 2
Parking Lights (-)			
Hazards	blue/white	-	hazard switch or VESCM, 32 pin plug, pin 9
Turn Signal (Left)	black/white (LF)	+	VESCM, 23 pin plug, pin 12
Turn Signal (Right)	black/green (RF)	+	VESCM, 23 pin plug, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/black (L), yellow (R)	+	VESCM, 23 pin plug, pins 23 and 22
AutoLights			
Reverse Light	purple/blue	+	Comfort System Control Module, 15 pin plug, pin 6
Left Front Door Trigger	gray/purple	-	Driver Door Control Module, 12 pin plug, pin 3
Right Front Door Trigger	gray/purple	-	Passenger Door Control Module, 12 pin plug, pin 3
Left Rear Door Trigger	gray/purple	-	Left Rear Door Control Module, 12 pin plug, pin 3
Right Rear Door Trigger	gray/purple	-	Right Rear Door Control Module, 12 pin plug, pin 3
Dome Supervision	CAN bus; use door trigger		
Trunk/Hatch Pin	white/black	-	Comfort System Control Module, 32 pin plug, pin 22
Rear Glass Pin	N/A		
Hood Pin	purple	-	VESCM, 32 pin plug, pin 6
Trunk Hatch/Release	green/yellow	-	Driver Door Control Module, 32 pin plug, pin 17
Trunk Release Motor	green/white	5 wire	Comfort System Control Module, 10 pin plug, pin 1
Fuel Door Release	green/blue	-	Driver Door Control Module, 32 pin plug, pin 5
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	gray/brown (driver door key cylinder)	- resistor	Driver Door Control Module, 12 pin plug, pin 8
Factory Alarm Disarm	same as factory alarm arm	- resistor	
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	white (trunk key cylinder)	-	Comfort System Control Module, 32 pin plug, pin 24
Tachometer	brown/stripe (4.2L), green/stripe (6.0L)	ac	any fuel injector, 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	black/yellow (4.2L), red/black (6.0L)	+	passenger kick relay panel
Rear Defroster	white/blue	+ latched	Comfort System Control Module, 32 pin plug, pin 6
Mirror Defroster	black	5 wire	Driver and Passenger Door Control Module, 16 pin plug, pin 5
Left Front Heated Seat	black/yellow	5 wire	Driver Seat Ventilation Control Module, 12 pin plug, pin 10
Right Front Heated Seat	black/yellow	5 wire	Passenger Seat Ventilation Control Module, 12 pin plug, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	red/black	+	brake switch, 4 pin plug, pin 3
Parking Brake			
Horn Trigger	brown/yellow	-	VEBCM, 32 pin plug, pin 17
Wipers	(data 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	blue	- resistor	Driver Door Control Module, 32 pin plug, pin 27
Memory Seat 2	same as memory seat 1	- resistor	
Memory Seat 3	blue/green	- resistor	Driver Door Control Module, 32 pin plug, pin 26
Radio 12V	red/black	+	radio, 8 pin plug, pin 2
Radio Ground	brown	+	radio, 8 pin plug, pin 1
Radio Ignition	(data bus)		
Radio Illumination	(data bus)		
Factory Amp Turn-on	(data bus)		
Power Antenna			
Left Front Speaker (+/-)	red/gray - brn/gry (low); red/gray - brn/gry (mid)	+,-	amplifier, 32 pin plug, pins 5 and 17; 8 and 7
Right Front Speaker (+/-)	red/black - brn/blk (low); red/yel - brn/yel (mid)	+,-	amplifier, 32 pin plug, pins 15 and 16; 4 and 3
Left Rear Speaker (+/-)	red/blue - brown/blue	+,-	amplifier, 32 pin plug, pins 22 and 21
Right Rear Speaker (+/-)	red/green - brown/green	+,-	amplifier, 32 pin plug, pins 20 and 19
Center Channel (+/-)	red/white - brown/white	+,-	amplifier, 32 pin plug, pins 14 and 13
Subwoofer (+/-)	red - purple	+,-	amplifier, 18 pin plug, pins 10 and 1
Aux. Audio Input Left (+/-)	(MOST bus)		
Aux. Audio Input Right (+/-)	(MOST bus)		
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts	red/black	+	Satellite Radio, 8 pin plug, pin 2

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DirectWire Vehicle Information - 6/14/2013 12:56:40 AM			
Satellite Radio Ground	brown	-	Satellite Radio, 8 pin plug, pin 1
Satellite Radio Ignition	(data bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	3	left front door
Left Front Tweeter	3	1.5	left front dash
Right Front Speaker	6.5	3	right front door
Right Front Tweeter	3	1.5	right front dash
Left Rear Speaker	6.5	3	left rear door
Left Rear Tweeter	1 (tweeter); 3 (surround)	1; 1.5	left rear door (tweeter), rear deck (surround)
Right Rear Speaker	6.5	3	right rear door
Right Rear Tweeter	1 (tweeter); 3 (surround)	1; 1.5	right rear door (tweeter), rear deck (surround)
Center Channel	3	1.5	top center of dash
Subwoofer	10	3	top center of rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			left side of luggage compartment

Additional Wiring Notes

Item	Note
Rear Defroster	The Comfort System Control Module is in the right side of the luggage compartment.
Hood Pin	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel.
Trunk/Hatch Pin	The Comfort System Control Module is in the right side of the luggage compartment.
Trunk Release Motor	The Comfort System Control Module is in the right side of the luggage compartment.
Trunk Alarm Shunt	The Comfort System Control Module is in the right side of the luggage compartment.
Hazards	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel.
Parking Lights (+)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel. The left rear - right rear wires are black/red - black/purple (+) at the Comfort System Control Module, 15 pin plug, pins 1 and 7. The Comfort System Control Module is in the right side of the luggage compartment.
Turn Signal (Left)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel. The left rear wire is purple/green (+) at the Comfort System Control Module, 15 pin plug, pin 3. The Comfort System Control Module is in the right side of the luggage compartment.
Turn Signal (Right)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel. The right rear wire is blue/white (+) at the Comfort System Control Module, 15 pin plug, pin 5. The Comfort System Control Module is in the right side of the luggage compartment.
Horn Trigger	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel.
Satellite Radio 12 Volts	The Satellite Radio is in the left side of the luggage compartment.
Left Front Speaker (+/-)	The amplifier is in the left side of the luggage compartment.
Right Front Speaker (+/-)	The amplifier is in the left side of the luggage compartment.
Center Channel (+/-)	The amplifier is in the left side of the luggage compartment.
Subwoofer (+/-)	The amplifier is in the left side of the luggage compartment.
Left Rear Speaker (+/-)	The amplifier is in the left side of the luggage compartment.
Right Rear Speaker (+/-)	The amplifier is in the left side of the luggage compartment. The rear surrounds are wired in series, and the speaker wires are red/green - brown/green at the amplifier, 32 pin plug, pins 12 and 11.
Starter	USE INTERFACE MODULE FOR REMOTE START!
Reverse Light	The Comfort System Control Module is in the right side of the luggage compartment.
Headlight	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, behind the driver dash relay panel.