2011 Audi A8

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/gray (30A)	+	VESCM under driver dash, brown 17 pin plug, pin 16
Second 12 Volts	red/black (30A)	+	VESCM under driver dash, red 17 pin plug, pin 16
Starter	yellow/brown (for starter kill only)	+	Comfort System Module in R side of trunk, gray 32 pin plug, pin 5
Second Starter	blue/white (SS1), black/red (SS2), black/gry (SS3)	-	start/stop button, 6 pin plug, pins 3, 5, and 6
Ignition	blue/red (for ignition sense only)	+	VESCM under driver dash, black 32 pin plug, pin 16
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	red/purple (for accessory sense only)	+	cigarette lighter, 3 pin plug, pin 2
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
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, blue 32 pin plug, pin 28
Power Unlock	same as power lock	- resistor	
Lock Motor	blue/brown	5 wire	Driver Door Module, black 20 pin plug, pin 13
Unlock Motor	brown/green	5 wire	Driver Door Module, black 20 pin plug, pin 11
Disarm Defeat	brown/green	5 wire	Passenger Door Module, black 20 pin plug, pin 11
Parking Lights (+)	gray/black (LF); gray/red (RF)	+	VESCM under dr dash, red 17 pin plg, pin 12; brn 17 pin plg, pin 2
Parking Lights (-)	(LIN bus)		
Hazards	red/blue	-	VESCM under driver dash, gray 32 pin plug, pin 8
Turn Signal (Left)	black/green (F); black/yellow (R)	+	VESCM, bn 17 pin plg, pin5; Cmft Sys Mod, brown 17 pin plg, pin 11
Turn Signal (Right)	black/white (F); black/red (R)	+	VESCM, rd17 pin plg, pin10; Cmft Sys Mod, black 17 pin plug, pin 10

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Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/black (L); yellow/red (R)	+	VESCM under dr dash, brn 17 pin plg, pin 15; red 17 pin plg, pin 15
AutoLights	(LIN bus)		
Reverse Light	white/green	+	Comfort System Module in R side of trunk, brown 17 pin plug, pin 14
Left Front Door Trigger	brown/green	-	Driver Door Module, black 20 pin plug, pin 5
Right Front Door Trigger	brown/gray	-	Passenger Door Module, black 20 pin plug, pin 5
Left Rear Door Trigger	gray/purple	-	Left Rear Door Module, black 20 pin plug, pin 5
Right Rear Door Trigger	gray/purple	-	Right Rear Door Module, black 20 pin plug, pin 5
Dome Supervision	(LIN bus)		
Trunk/Hatch Pin	white/black	-	Comfort System Module in R side of trunk, gray 32 pin plug, pin 4
Rear Glass Pin	N/A		
Hood Pin	yellow/black	-	VESCM under driver dash, black 32 pin plug, pin 3
Trunk Hatch/Release	red/green	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk Release Motor	green/white	5 wire	Comfort System Module in R side of trunk, 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/white (driver door key cylinder)	-	Driver Door Module, black 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	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	red/gray	+	fuel pump relay in R side of trunk
Rear Defroster	red/brown	+ latched	Comfort System Module in R side of trunk, black 32 pin plug, pin 4
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	(CAN bus)		
Right Front Heated Seat	(CAN bus)		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	black/green	+	brake switch, 4 pin plug, pin 3
Parking Brake	green/purple	-	electric parking brake switch, 12 pin plug, pin 8
Horn Trigger	black/white	+	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	- resistor	Driver Door Module, blue 32 pin plug, pin 19
Memory Seat 2	same as memory seat 1	- resistor	
Memory Seat 3	N/A		
Radio 12V	red/yellow	+	radio, 10 pin plug, pin 10
Radio Ground	brown	-	radio, 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 (+/-)	wht-blu (t); red-brn/red (m); wht/blk-blu/blk (w)	+,-	amplifier in L side of trunk, 38 pin plug, pins 10 - 22; 19 - 7; 16 - 4
Right Front Speaker (+/-)	red-brn (t); blu-brn/blu (m); red/blk-brn/blk (w)	+,-	amplifier in L side of trunk, 38 pin plug, pins 21 - 9; 8 - 20; 12 - 11
Left Rear Speaker (+/-)	white/purple-blue/purple (t+m); blue-brown (surr)	+,-	amplifier in L side of trunk, 38 pin plug, pins 13 and 14; 34 and 33
Right Rear Speaker (+/-)	red/purple-brown/purple (t+M); red-brown (surr)	+,-	amplifier in L side of trunk, 38 pin plug, pins 3 and 15; 37 and 38
Center Channel (+/-)	white - brown	+,-	amplifier in L side of trunk, 38 pin plug, pins 31 and 32
Subwoofer (+/-)	red/gray - brown/gray	+,-	amplifier in L side of trunk, 38 pin plug, pins 17 and 5
Aux. Audio Input Left (+/-)	yellow - brown	+,-	radio, 12 pin plug, pins 2 and 1
Aux. Audio Input Right (+/-)	green - brown	+,-	radio, 12 pin plug, pins 7 and 1
RSE Video (+/-)	(coaxial cable)		
RSE Audio Left (+/-)	(MOST bus)		
RSE Audio Right (+/-)	(MOST bus)		
Satellite Radio 12 Volts	N/A		
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); 3 (midrange)	1; 1.5	left front dash (tweeter); front door (midrange)
Right Front Speaker	6.5	3	right front door
Right Front Tweeter	1 (tweeter); 3 (midrange)	1; 1.5	right front dash (tweeter); front door (midrange)
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	center of rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		