

## 2009 Audi A5



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (common 110A)	+	driver dash fuse panel, fuse carrier 2, pin 8
<b>Second 12 Volts</b>	red (common 110A)	+	driver dash fuse panel, fuse carrier 3, pin 6
<b>Starter</b>	use interface module		
<b>Second Starter</b>	N/A		
<b>Ignition</b>	black	+	driver dash fuse panel, fuse carrier 1, pin 6
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	N/A		
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	N/A		
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	orange/green	data	driver kick, door harness
<b>Can Bus Low</b>	orange/brown	data	driver kick, door harness
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	purple/red	- resistor	Driver Door Control Module, 32 pin plug, pin 28
<b>Power Unlock</b>	same as power lock	- resistor	
<b>Lock Motor</b>	brown/blue	5 wire	Driver Door Control Module, 20 pin plug, pin 11
<b>Unlock Motor</b>	gray/green	5 wire	Driver Door Control Module, 20 pin plug, pin 13
<b>Disarm Defeat</b>	gray/green	5 wire	Passenger Door Control Module, 20 pin plug, pin 13
<b>Parking Lights (+)</b>	gray/black (LF); gray/red (RF)	+	VESCM, brown 17 pin plug, pin 2; red 17 pin plug, pin 12
<b>Parking Lights (-)</b>			
<b>Hazards</b>	red/yellow	-	hazard switch or VESCM, gray 32 pin plug, pin 8
<b>Turn Signal (Left)</b>	black/white (LF)	+	VESCM, brown 17 pin plug, pin 5
<b>Turn Signal (Right)</b>	black/green (RF)	+	VESCM, red 17 pin plug, pin 10

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	yellow/black (L); yellow or green/white (R)	+	VESCM, brown 17 pin plug, pin 15; red 17 pin plug, pin 15
<b>AutoLights</b>			
<b>Reverse Light</b>	black	+	Comfort System Control Module, brown 17 pin plug, pin 14
<b>Left Front Door Trigger</b>	gray/purple	-	Driver Door Control Module, 20 pin plug, pin 5
<b>Right Front Door Trigger</b>	gray/purple	-	Passenger Door Control Module, 20 pin plug, pin 5
<b>Left Rear Door Trigger</b>	N/A		
<b>Right Rear Door Trigger</b>	N/A		
<b>Dome Supervision</b>	blue	-	VESCM, black 17 pin plug, pin 9
<b>Trunk/Hatch Pin</b>	green/yellow	-	Comfort System Control Module, gray 32 pin plug, pin 4
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	green/yellow	-	VESCM, black 32 pin plug, pin 3
<b>Trunk Hatch/Release</b>	red	-	Driver Door Control Module, 32 pin plug, pin 23
<b>Trunk Release Motor</b>	green/red	5 wire	Comfort System Control Module, black 17 pin plug, pin 5
<b>Fuel Door Release</b>	locks/unlocks along with doors		
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	blue	- resistor	Driver Door Control Module, 20 pin plug, pin 1
<b>Factory Alarm Disarm</b>	same as factory alarm arm	- resistor	
<b>Disarm No Unlock</b>	see factory alarm disarm		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	brown/stripe or black/stripe	ac	any fuel injector
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	blue/gray	-	clutch switch, 6 pin plug, pin 3
<b>Fuel Pump</b>	black/white	+	driver dash fuse panel, fuse carrier 2, pin 3A
<b>Rear Defroster</b>	white/red	+ latched	Comfort System Control Module, black 32 pin plug, pin 4
<b>Mirror Defroster</b>	black/red	+	Driver and Passenger Door Control Module, 16 pin plug, pin 15
<b>Left Front Heated Seat</b>	red/white (without ventilation)	+	VESCM, green 6 pin plug, pin 1
<b>Right Front Heated Seat</b>	red/green (without ventilation)	+	VESCM, green 6 pin plug, pin 6

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	(wheel speed sensor)		
<b>Brake Wire</b>	red/black	+	brake switch, black 4 pin plug, pin 3
<b>Parking Brake</b>			
<b>Horn Trigger</b>	gray/yellow	+	VEBCM, black 32 pin plug, pin 29
<b>Wipers</b>	(data bus)		
<b>Left Front Window (Up/Down)</b>	use factory alarm arm/disarm		
<b>Right Front Window (Up/Down)</b>	see left front window		
<b>Left Rear Window (Up/Down)</b>	N/A		
<b>Right Rear Window (Up/Down)</b>	N/A		
<b>Sun Roof (Open/Close)</b>	use factory alarm arm/disarm		
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	gray/yellow	- resistor	Driver Door Control Module, 32 pin plug, pin 19
<b>Memory Seat 2</b>	same as memory seat 1	- resistor	
<b>Memory Seat 3</b>	N/A		
<b>Radio 12V</b>	red/green or red/purple	+	radio, 16 pin plug, pin 15, or 8 pin plug, pin 2
<b>Radio Ground</b>	brown	-	radio, 16 pin plug, pin 12, or 8 pin plug, pin 1
<b>Radio Ignition</b>	(CAN bus)		
<b>Radio Illumination</b>	(CAN bus)		
<b>Factory Amp Turn-on</b>	(CAN bus)		
<b>Power Antenna</b>	N/A		
<b>Left Front Speaker (+/-)</b>	red/blue - brown/blue	+,-	radio, 8 pin plug, pins 3 and 7
<b>Right Front Speaker (+/-)</b>	red/yellow - brown/yellow	+,-	radio, 8 pin plug, pins 2 and 6
<b>Left Rear Speaker (+/-)</b>	red/purple - brown/purple	+,-	radio, 8 pin plug, pins 4 and 8
<b>Right Rear Speaker (+/-)</b>	white/green - blue/green	+,-	radio, 8 pin plug, pins 1 and 5
<b>Center Channel (+/-)</b>	blue/white - black/white	+,-	amplifier, 32 pin plug, pins 8 and 20, or 5 and 17
<b>Subwoofer (+/-)</b>	white/yellow - brown/yellow or blue/yellow	+,-	amplifier, 32 pin plug, pins 3 and 15, or 25 and 30
<b>Aux. Audio Input Left (+/-)</b>	green - gray or brown	+,-	radio, 12 pin plug, pins 7 and 2
<b>Aux. Audio Input Right (+/-)</b>	yellow - gray or brown	+,-	radio, 12 pin plug, pins 1 and 2
<b>RSE Video (+/-)</b>			
<b>RSE Audio Left (+/-)</b>	(MOST bus)		
<b>RSE Audio Right (+/-)</b>	(MOST bus)		
<b>Satellite Radio 12 Volts</b>	red/purple	+	Satellite Radio, 8 pin plug, pin 2
<b>Satellite Radio Ground</b>	brown	-	Satellite Radio, 8 pin plug, pin 1
<b>Satellite Radio Ignition</b>	(data bus)		
<b>Satellite Radio Antenna</b>	(coaxial cable)		
<b>Satellite Audio Left (+/-)</b>	(MOST bus)		
<b>Satellite Audio Right (+/-)</b>	(MOST bus)		



*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>			left front door
<b>Left Front Tweeter</b>			left front door (tweeter), front dash (midrange)
<b>Right Front Speaker</b>			right front door
<b>Right Front Tweeter</b>			right front door (tweeter), front dash (midrange)
<b>Left Rear Speaker</b>			left rear side panel
<b>Left Rear Tweeter</b>			left rear side panel (tweeter), deck (surround)
<b>Right Rear Speaker</b>			right rear side panel
<b>Right Rear Tweeter</b>			right rear side panel (tweeter), deck (surround)
<b>Center Channel</b>			top center of dash
<b>Subwoofer</b>			top center of rear deck
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			left side of luggage compartment

*Additional Wiring Notes*

Item	Note
<b>Trunk Release Motor</b>	The Comfort System Control Module is in the right side of the luggage compartment.
<b>Reverse Light</b>	The Comfort System Control Module is in the right side of the luggage compartment.
<b>Hazards</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Parking Lights (+)</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel. The left rear - right rear wires are gray/yellow - gray/white (+) at the Comfort System Control Module, brown 17 pin plug, pin 5, and black 17 pin plug, pin 11. The Comfort System Control Module is in the right side of the luggage compartment.
<b>Turn Signal (Left)</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel. The left rear wire is gray/black (+) at the Comfort System Control Module, brown 17 pin plug, pin 11. The Comfort System Control Module is in the right side of the luggage compartment.
<b>Turn Signal (Right)</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel. The right rear wire is gray (+) at the Comfort System Control Module, black 17 pin plug, pin 10. The Comfort System Control Module is in the right side of the luggage compartment.
<b>Headlight</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Dome Supervision</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Trunk/Hatch Pin</b>	The Comfort System Control Module is in the right side of the luggage compartment.
<b>Hood Pin</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Horn Trigger</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Rear Defroster</b>	The Comfort System Control Module is in the right side of the luggage compartment.
<b>Left Front Heated Seat</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Right Front Heated Seat</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, on the relay and fuse panel.
<b>Left Front Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the tweeter and midrange wires are red/blue - brown/blue at the amplifier, 32 pin plug, pins 4 and 16 (standard amp), or 6 and 18 (premium amp). The woofer wires are red/blue - brown/blue at the amplifier, 32 pin plug, pins 23 and 28 (premium amp).
<b>Right Front Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the tweeter and midrange wires are red/yellow - brown/yellow at the amplifier, 32 pin plug, pins 5 and 17 (standard amp), or 7 and 19 (premium amp). The woofer wires are red/yellow - brown/yellow at the amplifier, 32 pin plug, pins 10 and 22 (premium amp).
<b>Left Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the speaker wires are red/purple - brown/purple at the amplifier, 32 pin plug, pins 6 and 18 (standard amp), or 3 and 15 (premium amp). The surround wires are red/gray - brown/gray at the amplifier, 32 pin plug, pins 8 and 20 (premium amp).
<b>Right Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment. On vehicles with amplifier, the speaker wires are white/green - blue/green at the amplifier, 32 pin plug, pins 7 and 19 (standard amp), or 4 and 16 (premium amp). The surround wires are red/gray - brown/gray at the amplifier, 32 pin plug, pins 9 and 21 (premium amp).
<b>Center Channel (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment.
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the left side of the luggage compartment.
<b>Satellite Radio 12 Volts</b>	If equipped, the Satellite Radio is in the left side of the luggage compartment.
<b>Factory Alarm Arm</b>	Meter this wire while turning the key in the driver door key cylinder.