

## 2004 Audi A6



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (x2)(common 150A)	+	ignition harness
<b>Second 12 Volts</b>			
<b>Starter</b>	red/black	+	ignition harness
<b>Second Starter</b>	blue	+	ignition harness
<b>Ignition</b>	black	+	ignition harness
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	yellow/black	+	ignition harness
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>			
<b>Key Sense</b>	red	+	ignition harness
<b>Data Bus</b>			
<b>Can Bus High</b>			
<b>Can Bus Low</b>			
<b>Can Bus Sw</b>			
<b>Power Lock</b>	green/blue	-	central locking ctrl mod, C3, pin 12
<b>Power Unlock</b>	brown/yellow (double pulse)	-	central locking ctrl mod, C3, pin 6
<b>Lock Motor</b>	gray/brown	5wi	central locking ctrl mod, C2, pin 2
<b>Unlock Motor</b>	green/red	5wi	central locking ctrl mod, C2, pin 1
<b>Disarm Defeat</b>	green/brown	5wi	central locking ctrl mod, C2, pin 3
<b>Parking Lights (+)</b>	green/black (L), green/red (R)	+	headlight switch
<b>Parking Lights (-)</b>	N/A		
<b>Hazards</b>	same as turn signal wires		
<b>Turn Signal (Left)</b>	black/white	+	turn signal switch
<b>Turn Signal (Right)</b>	black/green	+	turn signal switch

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	yellow	+	headlight switch
<b>AutoLights</b>			
<b>Reverse Light</b>	blue/red	+	kick panel, harness to rear
<b>Left Front Door Trigger</b>	see notes	-	central locking ctrl mod, C5
<b>Right Front Door Trigger</b>			
<b>Left Rear Door Trigger</b>			
<b>Right Rear Door Trigger</b>			
<b>Dome Supervision</b>	brown/white	-	central locking ctrl mod, C1, pin 2
<b>Trunk/Hatch Pin</b>	white/yellow	-	central locking ctrl mod, C5, pin 7
<b>Rear Glass Pin</b>			
<b>Hood Pin</b>	gray/red	-	central locking ctrl mod, C3, pin 10
<b>Trunk Hatch/Release</b>	purple/green	+	central locking ctrl mod, C4, pin 5
<b>Trunk Release Motor</b>			
<b>Fuel Door Release</b>			
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>			
<b>Factory Alarm Arm</b>	arms with lock		
<b>Factory Alarm Disarm</b>	disarms with unlock		
<b>Disarm No Unlock</b>			
<b>Trunk Alarm Shunt</b>			
<b>Tachometer</b>	green/blue	ac	instrument cluster
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>			
<b>Clutch Pedal</b>			
<b>Fuel Pump</b>			
<b>Rear Defroster</b>			
<b>Mirror Defroster</b>			
<b>Left Front Heated Seat</b>			
<b>Right Front Heated Seat</b>			

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	white/blue or white/green		instrument cluster
<b>Brake Wire</b>	red/black or red/white	+	brake pedal switch
<b>Parking Brake</b>	brown/white	-	parking brake switch
<b>Horn Trigger</b>	black/yellow	+	horn relay under driver side dash
<b>Wipers</b>	gray/black (L), green/pur (H)	+	windshield wiper switch
<b>Left Front Window (Up/Down)</b>	see notes		
<b>Right Front Window (Up/Down)</b>	see LF window up/dn notes		
<b>Left Rear Window (Up/Down)</b>	see LF window up/dn notes		
<b>Right Rear Window (Up/Down)</b>	see LF window up/dn notes		
<b>Sun Roof (Open/Close)</b>	see LF window up/dn notes		
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>			
<b>Memory Seat 2</b>			
<b>Memory Seat 3</b>			
<b>Radio 12V</b>	red/yellow	+	radio harness
<b>Radio Ground</b>	brown	-	radio harness
<b>Radio Ignition</b>	(CAN data bus)		
<b>Radio Illumination</b>	gray/blue (dimmer)	+	radio harness
<b>Factory Amp Turn-on</b>	white	+	radio harness
<b>Power Antenna</b>			
<b>Left Front Speaker (+/-)</b>	blue/green - green/blue	+,-	radio harness
<b>Right Front Speaker (+/-)</b>	red/green - green/red	+,-	radio harness
<b>Left Rear Speaker (+/-)</b>	red/gray - gray/red	+,-	amplifier in passenger side of trunk
<b>Right Rear Speaker (+/-)</b>	blue/gray - gray/blue	+,-	amplifier in passenger side of trunk
<b>Center Channel (+/-)</b>			
<b>Subwoofer (+/-)</b>			
<b>Aux. Audio Input Left (+/-)</b>			
<b>Aux. Audio Input Right (+/-)</b>			
<b>RSE Video (+/-)</b>			
<b>RSE Audio Left (+/-)</b>			
<b>RSE Audio Right (+/-)</b>			
<b>Satellite Radio 12 Volts</b>			
<b>Satellite Radio Ground</b>			
<b>Satellite Radio Ignition</b>			
<b>Satellite Radio Antenna</b>			
<b>Satellite Audio Left (+/-)</b>			
<b>Satellite Audio Right (+/-)</b>			

*What Fits*


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Item	Size	Depth	Location
<b>Headunit</b>			
<b>Left Front Speaker</b>			
<b>Left Front Tweeter</b>			
<b>Right Front Speaker</b>			
<b>Right Front Tweeter</b>			
<b>Left Rear Speaker</b>			
<b>Left Rear Tweeter</b>			
<b>Right Rear Speaker</b>			
<b>Right Rear Tweeter</b>			
<b>Center Channel</b>			
<b>Subwoofer</b>			
<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>			

*Additional Wiring Notes*

Item	Note
<b>Power Lock</b>	The central locking control module is under the carpet in front of the driver seat. Ignition locks will cause the door lock switch and the interior lights not to work while driving, be sure to turn it off.
<b>Power Unlock</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Lock Motor</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Driver Unlock Motor</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Passenger Unlock Motor</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Parking Lights (+)</b>	Vehicles with DRL use green/gray at the switch, and must use relay to isolate the switch side to prevent backfeed to the ignition.
<b>Left Front Door Trigger</b>	The LF door is green/yellow in pin 1, RF door is red/gray in pin 10, LR door is black/red in pin 12, and RR door is black/purple in pin 14. Use all four wires and diode isolate each. The central locking control module is under the carpet in front of the driver seat.
<b>Dome Supervision</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Trunk/Hatch Pin</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Hood Pin</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Trunk Hatch/Release</b>	The central locking control module is under the carpet in front of the driver seat.
<b>Tachometer</b>	Can also go to any one of the ignition coils and use the wire that is NOT red/green, brown/yellow, brown, or brown/white.
<b>Speed Sense</b>	Also found at the central locking control module, in C4, pin 15.
<b>Left Front Window (Up/Down)</b>	Extended triggers on the power lock/unlock wires will roll the windows up/down and close the sunroof. Use validity channels to control.