2007 Audi A4

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (common 150A)	+	ignition switch, 8 pin plug, pin 3
Second 12 Volts	red (common 150A)	+	ignition switch, 8 pin plug, pin 7
Starter	red/black	+	ignition switch, 8 pin plug, pin 5
Second Starter	blue	+	ignition switch, 8 pin plug, pin 1
Ignition	black	+	ignition switch, 8 pin plug, pin 6
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	yellow/black	+	ignition switch, 8 pin plug, pin 2
Second Accessory	gray/yellow	+	ignition switch, 8 pin plug, pin 4
Third Accessory	N/A		
Key Sense	red	+	ignition switch, 8 pin plug, pin 8
Data Bus	N/A		
Can Bus High	orange/green	data	Steering Column Electronics Control Module, 16 pin plug, pin 9
Can Bus Low	orange/brown	data	Steering Column Electronics Control Module, 16 pin plug, pin 8
Can Bus Sw	N/A		
Power Lock	purple/blue	-	Driver Door Control Module, 32 pin plug, pin 10
Power Unlock	purple/red	-	Driver Door Control Module, 32 pin plug, pin 27
Lock Motor	brown/blue	5 wire	Driver Door Control Module, 12 pin plug, pin 5
Unlock Motor	gray/green	5 wire	Driver Door Control Module, 12 pin plug, pin 4
Disarm Defeat	gray/green	5 wire	Passenger Door Control Module, 12 pin plug, pin 4
Parking Lights (+)	gray	+	headlight switch or VESCM, 32 pin plug, pin 25
Parking Lights (-)	N/A		
Hazards	red/yellow	-	hazard switch or VESCM, 32 pin plug, pin 9
Turn Signal (Left)	black/blue (F), green/blue (R)	+	VESCM, 23 pin plug, pins 9 and 3
Turn Signal (Right)	green/black (F), yellow/green or blue/red (R)	+	VESCM, 23 pin plug, pins 7 and 1

Wiring Information (Continued)

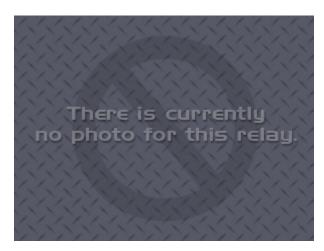| Item	Wire Color	Polarity	Wire Location
Headlight	yellow	+	headlight switch or VESCM, 32 pin plug, pin 26
AutoLights	blue (interrupt to turn off autolights)	+	headlight switch or VESCM, 32 pin plug, pin 29
Reverse Light	blue/red	+	VESCM, 23 pin plug, pin 2
Left Front Door Trigger	gray/purple	-	Driver 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	brown/white	-	Confort System Control Module, 12 pin plug, pin 2
Trunk/Hatch Pin	purple (sedan/convertible), green/gray (avant)	-	Confort System Control Module, 12 pin plug, pin 1
Rear Glass Pin	N/A		
Hood Pin	brown/purple	-	Comfort System Control Module, 20 pin plug, pin 20
Trunk Hatch/Release	red	-	Driver Door Control Module, 32 pin plug, pin 9
Trunk Release Motor	yellow/red	5 wire	Comfort System Control Module, 12 pin plug, pin 6
Fuel Door Release	purple/yellow	-	Driver Door Control Module, 32 pin plug, pin 29
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/white	-	Driver Door Control Module, 12 pin plug, pin 8
Factory Alarm Disarm	purple/green (double pulse)	-	Driver Door Control Module, 12 pin plug, pin 7
Disarm No Unlock	use keysense		
Trunk Alarm Shunt	black/brown	-	Comfort System Control Module, 16 pin plug, pin 10
Tachometer	NOT red/stripe (2.0T), green/stripe (3.2)	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	brown (in), gray/white (out)	- N.O.	clutch switch, 3 pin plug, pins 3 and 2
Fuel Pump	green/red	+	driver kick, harness to rear
Rear Defroster	white/purple	+ latched	driver kick, harness to rear
Mirror Defroster		+,-	Driver/Passenger Door Control Module, 16 pin plug, pins 5 and 6
Left Front Heated Seat	black/green	5 wire	Climatronic Control Module, 6 pin plug, pin 1
Right Front Heated Seat	black/yellow	5 wire	Climatronic Control Module, 6 pin plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	white/blue	ac	ABS Control Module, 42 pin plug, pin 36 or 33
Brake Wire	red/black	+	brake switch or VESCM, 32 pin plug, pin 15
Parking Brake	brown/white	-	Comfort System Control Module, 12 pin plug, pin 2
Horn Trigger	green/yellow	+	VESCM, 32 pin plug, pin 1
Wipers	black/white (L), green/yellow (H)	+	VESCM, 10 pin plug, pins 8 and 9
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			
Memory Seat 2			
Memory Seat 3			
Radio 12V	red/blue	+	radio, 16 pin plug, pin 15
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	gray/blue (dimmer)	+	radio, 16 pin plug, pin 6
Factory Amp Turn-on	white	+	radio, 16 pin plug, pin 13
Power Antenna			
Left Front Speaker (+/-)	brown/green - blue/yel or purple/yel - green/yel	+,-	radio, 8 pin plug, pins 3 and 7
Right Front Speaker (+/-)	brown/blue - green/blue or green/blue - black/blue	+,-	radio, 8 pin plug, pins 2 and 6
Left Rear Speaker (+/-)	brown/yellow - red/yellow	+,-	amplifier, 23 pin plug, pins 17 and 18, or 12 and 15
Right Rear Speaker (+/-)	brown/black - red/green	+,-	amplifier, 23 pin plug, pins 20 and 21, or 21 and 18
Center Channel (+/-)	uses left front (+), right front (-)		
Subwoofer (+/-)	red/gray - brown/gray	+,-	amplifier, 23 pin plug, pins 14 and 15
Aux. Audio Input Left (+/-)	purple - blue	+,-	radio, 12 pin plug, pins 8 and 2
Aux. Audio Input Right (+/-)	white - blue	+,-	radio, 12 pin plug, pins 9 and 2
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	red/blue	+	Satellite Radio, 8 pin plug, pin 2

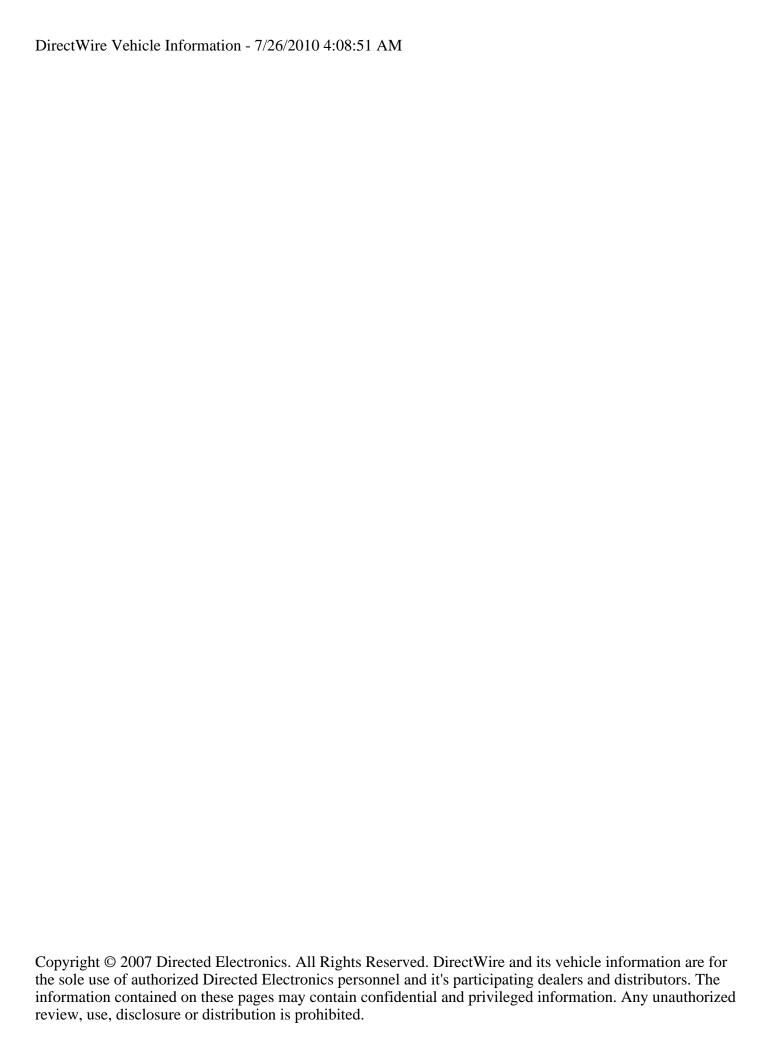|			
Satellite Radio Ground	brown	-	Satellite Radio, 8 pin plug, pin 1
Satellite Radio Ignition	(CAN bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	purple - blue	+,-	Satellite Radio, 8 pin plug, pins 6 and 5
Satellite Audio Right (+/-)	white - blue	+,-	Satellite Radio, 8 pin plug, pins 7 and 5

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter			left front door
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front door
Left Rear Speaker	5.25		left rear door
Left Rear Tweeter			left rear door
Right Rear Speaker	5.25		right rear door
Right Rear Tweeter			right rear door
Center Channel			top center of dash
Subwoofer			top center of rear deck (sedan)
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Smart Starter Kill Relay

There is currently no photo for this relay.

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Additional Wiring Notes

Item	Note
Factory Alarm Arm	Meter this wire while turning the key in the driver door key cylinder. This wire will also lock the doors.
Factory Alarm Disarm	Meter this wire while turning the key in the driver door key cylinder. This wire will also unlock the doors.
Trunk Alarm Shunt	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box. Meter this wire while turning the key in the trunk key cylinder.
Dome Supervision	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.
Trunk/Hatch Pin	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.
Reverse Light	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Headlight	The VESCM (Vehicle Electrical System Control Module) is under the driver dash. When triggering this wire, you need to interrupt the headlight switch off wire, which is purple at the headlight switch or the VESCM, 32 pin plug, pin 32.
AutoLights	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Hood Pin	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.
Parking Brake	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.
Trunk Release Motor	The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.
Horn Trigger	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Wipers	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Parking Lights (+)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash. When triggering this wire, you need to interrupt the headlight switch off wire, which is purple at the headlight switch or the VESCM, 32 pin plug, pin 32.
Brake Wire	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Hazards	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
Turn Signal (Left)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash. On convertible models, the left rear turn signal is black/red (+) at the VESCM, 23 pin plug, pin 6.
Turn Signal (Right)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash. On convertible models, the right rear turn signal is red/black (+) at the VESCM, 23 pin plug, pin 4.
Left Rear Speaker (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are brown/yellow - red/yellow at the amplifier, 32 pin plug, pins 16 and 4.
Right Rear Speaker (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are brown/black - red/green at the amplifier, 32 pin plug, pins 5 and 17.
Subwoofer (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are red/gray - brown/gray at the amplifier, 32 pin plug, pins 3 and 15.
Left Front Speaker (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are brown/green - blue/yellow at the amplifier, 32 pin plug, pins 31 and 32.
Right Front Speaker (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are brown/blue - green/blue at the amplifier, 32 pin plug, pins 27 and 26.
Center Channel (+/-)	The amplifier is in the right side of the luggage compartment. On BOSE systems, the speaker wires are green - black at the amplifier, 32 pin plug, pins 14 and 13.
Sun Roof (Open/Close)	The convertible top open/close wires are black/green - green/black (-) at the convertible top switch, 4 pin plug, pins 2 and 1. These wires only function with the ignition on.
Key Sense	If the radio will not shut down after the remote start shuts down, the keysense will need to be pulsed after remote start shut down, but you do not need it to remote start.