2006 Audi A4

Remote Start, Security, Keyless Entry, Accessories

| 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		
Keysense	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
Driver Unlock Motor	gray/green	5 wire	Driver Door Control Module, 12 pin plug, pin 4
Passenger Unlock Motor	gray/green	5 wire	Passenger Door Control Module, 12 pin plug, pin 4
Parking Lights (-)	N/A		
Parking Lights (+)	gray	+	headlight switch or VESCM, 32 pin plug, pin 25
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 (R)	+	VESCM, 23 pin plug, pins 7 and 1
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 or 5
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

Remote Start, Security, Keyless Entry, Accessories (Continued)

Item	Wire Color	Polarity	Wire Location
Dome Supervision	brown/white	-	Comfort 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 (1.8T/2.0T/3.0), 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 or green/yellow	+	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
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, or 4 and 3
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			

Audio			
Item	**Wire Color**	**Polarity**	**Wire Location**
Radio 12V	red/blue	+	radio, 8 pin plug, pin 7 or 16 pin plug, pin 15
Radio Ground	brown	-	radio, 8 pin plug, pin 8 or 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	gray/blue (dimmer)	+	radio, 8 pin plug, pin 6 or 16 pin plug, pin 6
Factory Amp Turn-on	white	+	radio, 20 pin plug, pin 6 or 16 pin plug, pin 13
Power Antenna			
Left Front Speaker (+/-)	brown/green - blue/yel or purple/yel - green/yel	+,-	radio, 8 pin plug, pins 5 and 6, or 3 and 7
Right Front Speaker (+/-)	brown/blue - green/blue or green/blue - black/blue	+,-	radio, 8 pin plug, pins 3 and 4, or 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, 20 pin plug, pins 19 and 18
Aux. Audio Input Right (+/-)	white - blue	+,-	radio, 20 pin plug, pins 20 and 18
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 Rear Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Wiring Photo and Notes: 12 Volts
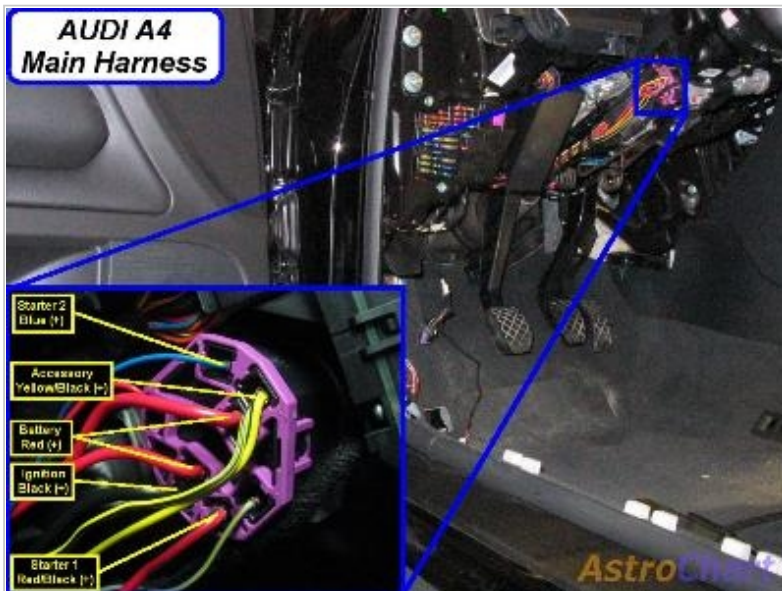
Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Second 12 Volts
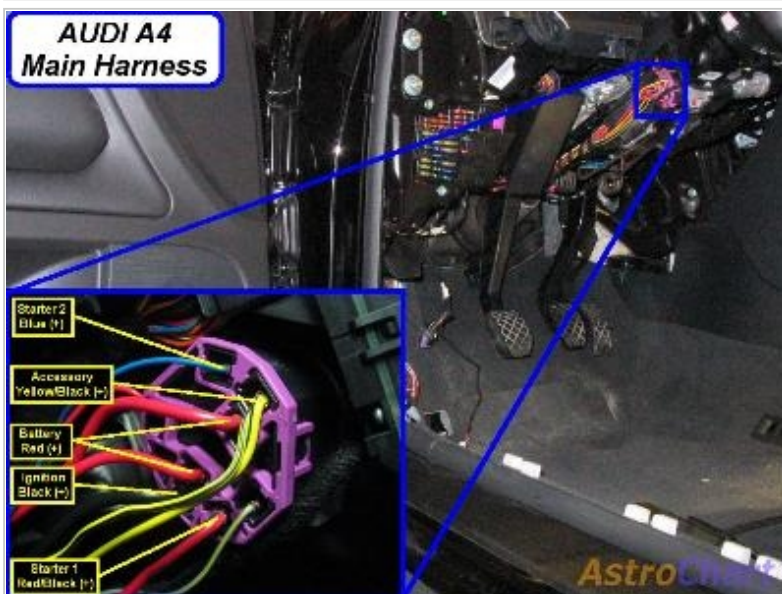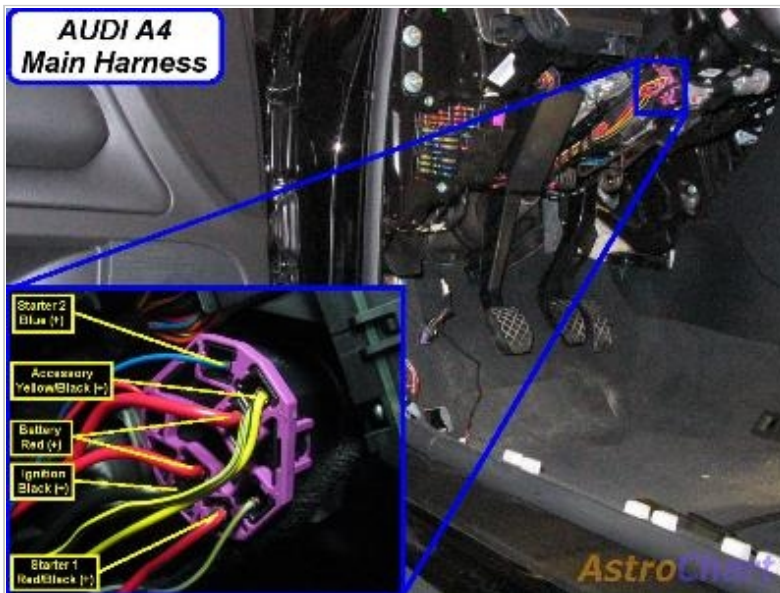

Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Starter
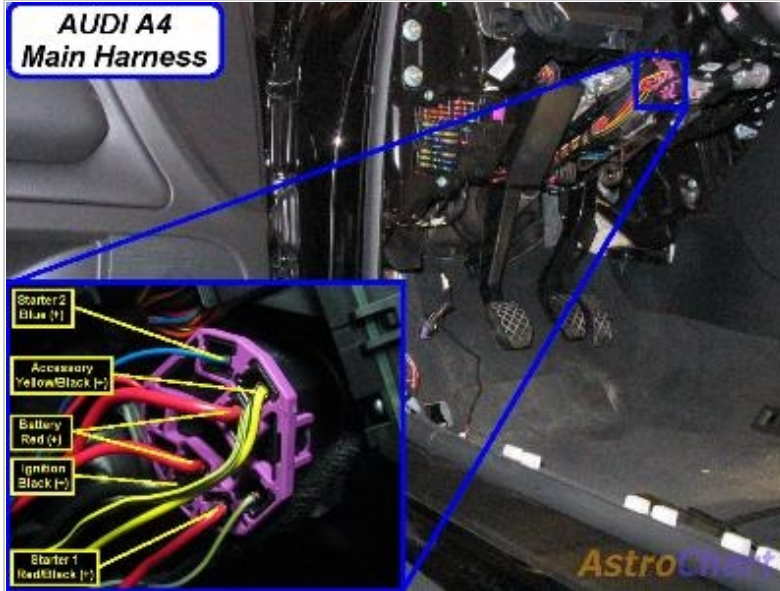
Notes:
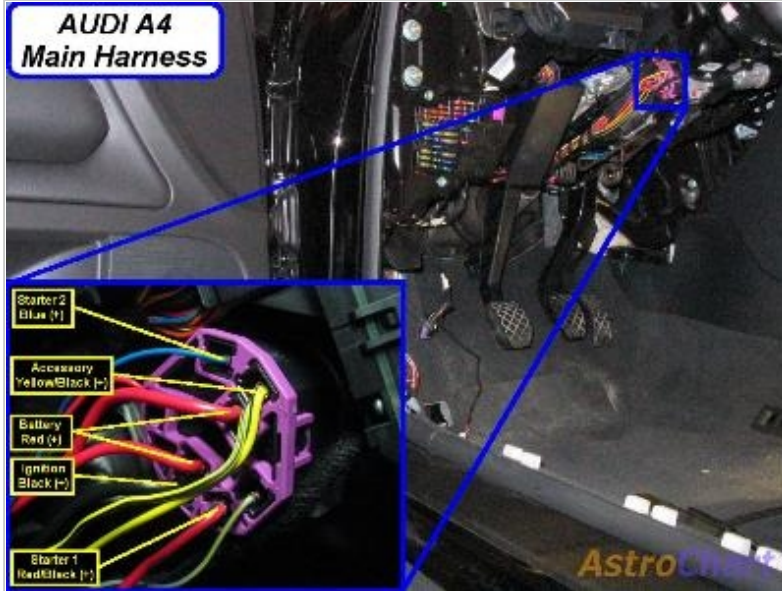
There are currently no notes for this item.

Wiring Photo and Notes: Second Starter

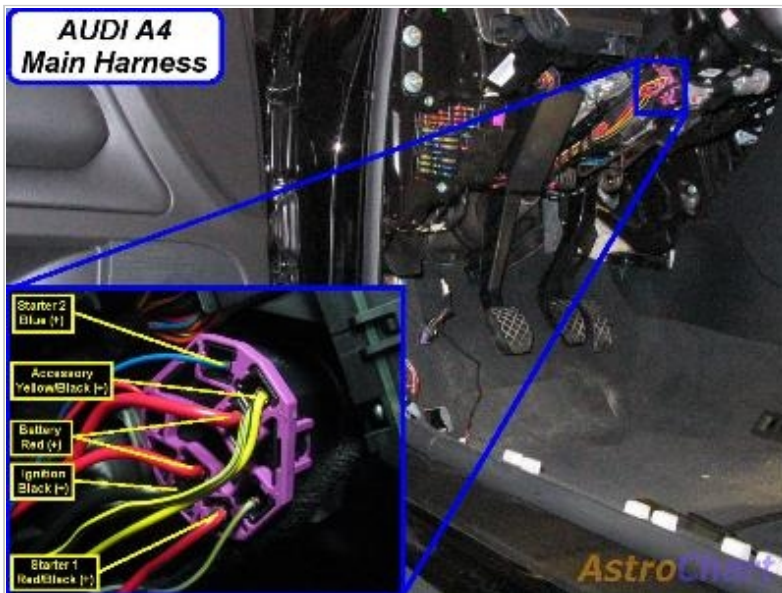

Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Ignition

Notes:

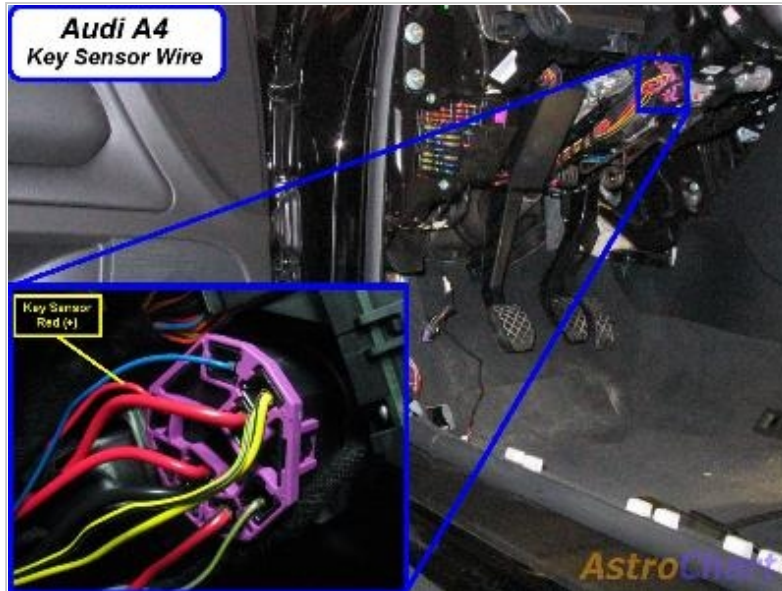There are currently no notes for this item.

Wiring Photo and Notes: Accessory

Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Keysense

Audi A4
Key Sensor Wire

Key Sensor
Red (+)

AstroChart

Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Can Bus High

Audi A4

CAN high/
CAN low

submitted by Vinnie Nguyen

DirectWire

Notes:

There are currently no notes for this item.

Wiring Photo and Notes: Can Bus Low

Notes:

There are currently no notes for this item.

Wiring Notes: Parking Lights (+)

Notes:

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.

Wiring Notes: Hazards

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Turn Signal (Left)

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash. On convertible models, the left rear turn signal is green/blue (+) at the VESCM, 23 pin plug, pin 6.

Wiring Notes: Turn Signal (Right)

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash. On convertible models, the right rear turn signal is black/green (+) at the VESCM, 23 pin plug, pin 4.

Wiring Notes: Headlight

Notes:

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.

Wiring Notes: AutoLights

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Reverse Light

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Dome Supervision

Notes:

The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.

Wiring Notes: Trunk/Hatch Pin

Notes:

The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.

Wiring Notes: Hood Pin

Notes:

The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.

Wiring Notes: Trunk Release Motor

Notes:

The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.

Wiring Notes: Factory Alarm Arm

Notes:

Meter this wire while turning the key in the driver door key cylinder. This wire will also lock the doors.

Wiring Notes: Factory Alarm Disarm

Notes:

Meter this wire while turning the key in the driver door key cylinder. This wire will also unlock the doors.

Wiring Notes: Trunk Alarm Shunt

Notes:

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.

Wiring Notes: Brake Wire

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Parking Brake

Notes:

The Comfort System Control Module is in front of the driver seat, under the carpet in a protective box.

Wiring Notes: Horn Trigger

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Wipers

Notes:

The VESCM (Vehicle Electrical System Control Module) is under the driver dash.

Wiring Notes: Sun Roof (Open/Close)

Notes:

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.

Wiring Notes: Left Front Speaker (+/-)

Notes:

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.

Wiring Notes: Right Front Speaker (+/-)

Notes:

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.

Wiring Notes: Left Rear Speaker (+/-)

Notes:

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.

Wiring Notes: Right Rear Speaker (+/-)

Notes:

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.

Wiring Notes: Center Channel (+/-)

Notes:

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.

Wiring Notes: Subwoofer (+/-)

Notes:

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.

Wiring Notes: Aux. Audio Input Left (+/-)

Notes:

On vehicles with navigation, they are in the 12 pin plug, pins 8 and 2.

Wiring Notes: Aux. Audio Input Right (+/-)

Notes:

On vehicles with navigation, they are in the 12 pin plug, pins 9 and 2.

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