2013 Audi A3 - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/blue (30A)	+	VESCM, relay box under driver dash, brown 52 pin plug, pin 42
Ground	(chassis ground)		
Starter	red/black	+	Steering Column Module, black 20 pin plug, pin 18
Ignition	black/green	+	Steering Column Module, black 20 pin plug, pin 17
Accessory	black/blue (for accessory sense only) (some models)	+	VESCM, relay box under driver dash, white 52 pin plug, pin 28
CAN Bus High	orange/red	data	data link connector, black 16 pin plug, pin 6
CAN Bus Low	orange/brown	data	data link connector, black 16 pin plug, pin 14
CAN Bus High 2	orange/green	data	Steering Column Module, black 20 pin plug, pin 14
CAN Bus Low 2	orange/brown	data	Steering Column Module, black 20 pin plug, pin 15
IMMO Antenna	blue	RF	Immobilizer Reader Coil on ignition switch, 2 pin plug, pin 1
Power Lock	violet/blue	-	Driver Door Module, gray 32 pin plug, pin 32
Power Unlock	same as power lock		
Lock Motor	brown/blue	5 wire	Driver Door Module, black 20 pin plug, pin 13
Driver Unlock Motor	gray/green	5 wire	Driver Door Module, black 20 pin plug, pin 12
Passenger Unlock Motor	gray/green	5 wire	Passenger Door Module, black 20 pin plug, pin 12
Factory Alarm Arm	blue/white (driver door key lock)	-	Driver Door Module, black 20 pin plug, pin 16
Factory Alarm Disarm	same as factory alarm arm	- 260 ohms	
Disarm No Unlock	Transponder and ignition		
Parking Lights	gry/bk (LF), gry/rd (RF), gry/bk (LR); gry/rd (RR)	+	VESCM, black 52 pin plug, pins 7, 8, 27; brown 52 pin plug, pin 3
Parking Lights -	gray/yellow	-	VESCM, relay box under driver dash, black 52 pin plug, pin 19
Hazards	brown/red	-	VESCM, relay box under driver dash, brown 52 pin plug, pin 7

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Turn Signal (Left)	black/white (F); black/white (R)	+	VESCM, black 52 pin plug, pin 10; brown 52 pin plug, pin 51
Turn Signal (Right)	black/green (F); black/green (R)	+	VESCM, brown 52 pin plug, pin 50; black 52 pin plug, pin 9
Headlight	blue	-	VESCM, relay box under driver dash, black 52 pin plug, pin 22
AutoLights	yellow/blue (interrupt to turn off autolights)	-	VESCM, rly box under dr dash, bk 52 pin plg, pin20
Reverse Light	blue/red	+	VESCM, relay box under driver dash, black 52 pin plug, pin 28
Left Front Door Trigger	gray/violet	-	Driver Door Module, black 20 pin plug, pin 7
Right Front Door Trigger	gray/violet	-	Passenger Door Module, black 20 pin plug, pin 7
Left Rear Door Trigger	gray/yellow	-	Left Rear Door Module, black 20 pin plug, pin 15
Right Rear Door Trigger	gray/yellow	-	Right Rear Door Module, black 20 pin plug, pin 15
Dome Light	blue/green	-	VESCM, relay box under driver dash, brown 52 pin plug, pin 10
Trunk/Hatch Pin	black/red	-	VESCM, relay box under driver dash, black 52 pin plug, pin 29
Hood Pin	brown/red	-	VESCM, relay box under driver dash, black 52 pin plug, pin 14
Trunk/Hatch Release	black/brown (rear handle switch)	-	VESCM, relay box under driver dash, black 52 pin plug, pin 13
Trunk Release Motor	yellow/red	5 wire	VESCM, relay box under driver dash, white 52 pin plug, pin 11
Fuel Door Release	white/black	-	Driver Door Module, gray 32 pin plug, pin 13
Tachometer	gray (camshaft position sensor)	ac	lower front of engine, black 6 pin plug, pin 5
Clutch Pedal	violet/black	-	VESCM, rly box under dr dash, bn 52 pin plg, pin30
Fuel Pump	black/gray or red/yellow	+	driver kick, harness to rear
Rear Defroster	red/white	- latched	VESCM, relay box under driver dash, white 52 pin plug, pin 22
Mirror Defroster	(CAN bus)		

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Item	Wire Color	Polarity	Wire Location
Left Front Heated Seat	(CAN bus)		
Right Front Heated Seat	(CAN bus)		
Speed Sense	(wheel speed sensor)		
Brake Wire	black/yellow	+	VESCM, relay box under driver dash, brown 52 pin plug, pin 17
Parking Brake	yellow/brown	-	VESCM, relay box under driver dash, black 52 pin plug, pin 12
Horn Trigger	black	-	VESCM, relay box under driver dash, white 52 pin plug, pin 41
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		
Radio 12V	red/black or red/white	+	radio, black 16 pin plug, pins 15 and 16
Radio Ground	brown	-	radio, black 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	white (base) or blue/green (BOSE)	+	radio, black 16 pin plug, pin 13
Left Front Speaker (+/-)	red - brown/red (base); gray - brown (BOSE)	+,-	radio, brn 8 pin plug, pins 3 and 7; blk 12 pin plug, pins 3 and 8
Right Front Speaker (+/-)	gray - brown/gray (base); yellow - brown (BOSE)	+,-	radio, brn 8 pin plug, pins 2 and 6; blk 12 pin plug, pins 9 and 8
Left Rear Speaker (+/-)	green - gray (base); green - brown (BOSE) (preamp)	+,-	radio, black 12 pin plug, pins 5 and 8
Right Rear Speaker (+/-)	yellow - gray (base); white - brown (BOSE)(preamp)	+,-	radio, black 12 pin plug, pins 11 and 8
Center Channel (+/-)	uses left front (+), right front (-) (base)		
Subwoofer (+/-)	red/grn - brn/grn (1); blu/wht - brn/wht (2)(BOSE)	+,-	amplifier in RR qrtr panel, 32 pin plug, pins 3 and 15; 11 and 12

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Item	Wire Color	Polarity	Wire Location
Aux. Audio Input Left (+/-)	violet - blue	+,-	radio, blue 12 pin plug, pins 7 and 3
Aux. Audio Input Right (+/-)	white - blue	+,-	radio, blue 12 pin plug, pins 1 and 3
RSE Audio Left (+/-)	violet - blu or yellow - green (sat/CD/iPod audio)	+,-	radio, blue 12 pin plug, pins 8 and 2
RSE Audio Right (+/-)	white - blue or gray - green (sat/CD/iPod audio)	+,-	radio, blue 12 pin plug, pins 9 and 2
Satellite Radio 12 Volts	red/white	+	Satellite Radio in LR qrtr panel, 8 pin plg, pin 2
Satellite Radio Ground	brown	-	Satellite Radio in LR qrtr panel, 8 pin plg, pin 1
Satellite Radio Ignition	(CAN bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	violet - blue	+,-	Satellite Radio, 8 pin plug, pins 6 and 5
Satellite Audio Right (+/-)	white - blue	+,-	Satellite Radio, 8 pin plug, pins 7 and 5

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	2.5	left front door
Left Front Tweeter	0.75	0.5	left front pillar
Right Front Speaker	6.5	2.5	right front door
Right Front Tweeter	0.75	0.5	right front pillar
Left Rear Speaker	6.5	2	left rear door
Left Rear Tweeter	0.75	0.5	left rear door
Right Rear Speaker	6.5	2	right rear door
Right Rear Tweeter	0.75	0.5	right rear door
Center Channel	2.5	1.5	top center of dash
Subwoofer			left rear quarter panel
Satellite Radio Tuner			left rear quarter panel

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Additional Wiring Notes

Item	Note
Center Channel (+/-)	On BOSE systems, the speaker wires are red/gray - brown/gray at the amplifier in right rear quarter panel, 32 pin plug, pins 14 and 13.
Left Front Speaker (+/-)	On BOSE systems, the speaker wires are red - brown/red at the amplifier in right rear quarter panel, 32 pin plug, pins 31 and 32.
Left Rear Speaker (+/-)	The speaker wires are red/yellow - brown/yellow at the amplifier in left rear quarter panel, 23 pin plug, pins 17 and 18 (base), or at the amplifer in right rear quarter panel, 32 pin plug, pins 16 and 4 (BOSE).
Right Front Speaker (+/-)	On BOSE systems, the speaker wires are gray - brown/gray at the amplifier in right rear quarter panel, 32 pin plug, pins 27 and 26.
Right Rear Speaker (+/-)	The speaker wires are white/black - blue/black at the amplifier in left rear quarter panel, 23 pin plug, pins 20 and 21 (base), or at the amplifier in right rear quarter panel, 32 pin plug, pins 5 and 17 (BOSE).