

2018 Audi A3 - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Gray (40A)	+	VESCM above driver kick, white 73 pin plug, pin 1
Ground	(chassis ground)		
Starter	Red/Black	+	Steering Column Module, black 16 pin plug, pin 6
Ignition	Black/Red	+	Steering Column Module, black 16 pin plug, pin 16
Second Ignition	Yellow/Green	+	Steering Column Module, black 16 pin plug, pin 14
Keysense	Yellow/Blue	+	Steering Column Module, black 16 pin plug, pin 7
CAN Bus High	Orange/Red	Data	OBD-Data Link Connector, 16 pin plug, pin 6
CAN Bus Low	Orange/Brown	Data	OBD-Data Link Connector, 16 pin plug, pin 14
CAN Bus High 2	Orange/Green	Data	Steering Column Module, black 16 pin plug, pin 4
CAN Bus Low 2	Orange/Brown	Data	Steering Column Module, black 16 pin plug, pin 3
IMMO Antenna	Red	RF	Immobilizer Reader Coil on ignition switch, 2 pin plug, pin 1
Power Lock	Violet/Red	- Resistor	Driver Door Module, 32 pin plug, pin 28
Power Unlock	(same as power lock)	- Resistor	
Lock Motor	Brown/Yellow	Reverse	Driver Door Module, 20 pin plug, pin 13
Driver Unlock Motor	Yellow or Blue/Black	Reverse	Driver Door Module, 20 pin plug, pin 11
Passenger Unlock Motor	White or Blue/Black	Reverse	Passenger Door Module, 20 pin plug, pin 11
Factory Alarm Arm	Green/White (driver door key lock)	-	Driver Door Module, 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	-	
Parking Lights	Gray/Black (LF); Gray/Red (RF); Blue/White (LR); Red/Green or Brown/Red (RR)	+	VESCM above driver kick, white 46 pin plug, pins 10, 21; white 73 pin plug, pin 10; black 73 pin plug, pin 65
Parking Lights -	(LIN Bus)		
Hazards	Violet/Red	-	VESCM above driver kick, white 73 pin plug, pin 42

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	Black/White (F); Blue/Yellow (R)	+	VESCM above driver kick, white 46 pin plug, pin 36; black 73 pin plug, pin 60
Turn Signal (Right)	Black/Green (F); Violet/Brown (R)	+	VESCM above driver kick, white 46 pin plug, pin 20; white 73 pin plug, pin 31
Headlight	Yellow/Black (L); Yellow (R)	+	VESCM above driver kick, white 73 pin plug, pin 5; white 46 pin plug, pin 1
AutoLights	(LIN Bus)		
Reverse Light	Black/Blue	+	VESCM above driver kick, white 73 pin plug, pin 11
Left Front Door Trigger	Blue/White	-	Driver Door Module, 20 pin plug, pin 5
Right Front Door Trigger	Brown	-	Passenger Door Module, 20 pin plug, pin 5
Left Rear Door Trigger	Gray/Yellow (without ambient light); Green/White (with ambient light)	-	VESCM above driver kick, black 73 pin plug, pin 50; Left Rear Door Module, 20 pin plug, pin 5
Right Rear Door Trigger	Brown/Yellow (without ambient light); Green/White (with ambient light)	-	VESCM above driver kick, black 73 pin plug, pin 48; Right Rear Door Module, 20 pin plug, pin 5
Dome Light	Green		VESCM above driver kick, white 73 pin plug, pin 67
Trunk/Hatch Pin	White	-	VESCM above driver kick, black 73 pin plug, pin 52
Hood Pin	Green/Yellow	-	VESCM above driver kick, white 46 pin plug, pin 14
Trunk/Hatch Release	Gray/Green (rear handle switch)	-	VESCM above driver kick, black 73 pin plug, pin 32
Trunk Release Motor	Black/Yellow	Reverse	VESCM above driver kick, black 73 pin plug, pin 9
Fuel Door Release	Green/White or Green/Black (fuel door lock/unlock)	Reverse	VESCM above driver kick, black 73 pin plug, pin 4 or 3
Tachometer	Red/Yellow, Red/Violet, Red/Blue, or Gray/Green	ac	Fuel Injector Harness, black 8 pin plug, pin 2, 4, 6, or 8
Fuel Pump	Blue/Red	+	Driver Kick, red 17 pin plug, pin 15
Rear Defroster	White/Violet	- Latched	VESCM above driver kick, white 73 pin plug, pin 24
Mirror Defroster	(CAN Bus)		
Left Front Heated Seat	(CAN Bus)		

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Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	(CAN Bus)		
Speed Sense	(wheel speed sensor)		
Brake Wire	Black/Red	+	VESCM above driver kick, white 73 pin plug, pin 58 or Driver Kick, red 17 pin plug, pin 7
Parking Brake	Blue/Violet (electric parking brake indicator)	-	Driver Kick, brown 17 pin plug, pin 9
Horn Trigger	Brown	-	VESCM above driver kick, white 46 pin plug, pin 24
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)		
Convertible Top Open-Close	Green/Gray - Red/Gray (function with ignition on only)	-	Power Top Switch, 9 pin plug, pins 8 - 9
Radio 12V	Red/Yellow	+	Radio in glove box, 8 pin plug, pin 8
Radio Ground	Brown	-	Radio in glove box, 8 pin plug, pin 7
Radio Ignition	(Infotainment CAN Bus)		
Radio Illumination	(Infotainment CAN Bus)		
Factory Amp Turn-on	(MOST Bus)		
Left Front Speaker (+/-)	Gray - Gray/Black	+,-	Radio in glove box, 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	White - White/Black	+,-	Radio in glove box, 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Green - Green/Black	+,-	Radio in glove box, 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Violet - Violet/Black	+,-	Radio in glove box, 8 pin plug, pins 1 - 5
Center Channel (+/-)	Red/Blue - Brown/Blue	+,-	Radio in glove box, 8 pin plug, pins 2 - 6
Subwoofer (+/-)	White/Gray - Blue/Gray	+,-	Radio in glove box, 8 pin plug, pins 1 - 5
Aux. Audio Input Left (+/-)	Green - Gray or Brown	+,-	Radio in glove box, 12 pin plug, pins 7 - 1

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Item	Wire Color	Polarity	Wire Location
Aux. Audio Input Right (+/-)	Yellow - Gray or Brown	+,-	Radio in glove box, 12 pin plug, pins 2 - 1

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What Fits

Item	Size	Depth	Location
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**Additional Wiring Notes**

Item	Note
Center Channel (+/-)	On models with amplifier, the speaker wires are red/blue - brown/blue at the amplifier under driver seat, 38 pin plug, pins 18 - 6.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are red/blue - brown/blue (woofer); red/green - brown/green (midrange); gray/black - gray (tweeter) at the amplifier under driver seat, 38 pin plug, pins 8 - 7; 12 - 11; 24 - 32.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are green - green/black (woofer); black - blue/black (tweeter); yellow - blue/yellow (surround) at the amplifier under driver seat, 38 pin plug, pins 20 - 19; 33 - 25; 4 - 5.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are red/yellow - brown/yellow (woofer); green/yellow - green/blue (midrange); white/black - white (tweeter) at the amplifier under driver seat, 38 pin plug, pins 9 - 10; 14 - 13; 23 - 31.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are purple - purple/black (woofer); blue - blue/black (tweeter); white/red - blue/red (surround) at the amplifier under driver seat, 38 pin plug, pins 21 - 22; 34 - 26; 17 - 16.