2017 Alfa Romeo Giulia (Smart Key) - North America

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Black (70A)	+	BCM-Fuse Box under passenger side footboard, gray 2 pin plug (C1), pin A
Ground	(chassis ground)		
Starter	Red/Green (for starter kill only)	+	BCM-Fuse Box under passenger side footboard, black 20 pin plug (C3), pin 1
Ignition	Dk. Blue/Red (for ignition sense only)	+	BCM-Fuse Box under passenger side footboard, black 20 pin plug (C3), pin 19
Accessory	Dk. Blue (for accessory sense only)	+	BCM-Fuse Box under passenger side footboard, gray 20 pin plug (C7), pin 13
PTS 1	White/Green	+	Steering Column Control Module, black 10 pin plug, pin 4
CAN Bus High	Green (CAN C)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Brown (CAN C)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Dk. Blue (CAN IHS)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	White (CAN IHS)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
IMMO Data	Violet/Green (Security K Line)	Data	Steering Column Control Module, black 10 pin plug, pin 3
Power Lock	White/Dk. Blue	- Resistor	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 14
Power Unlock	(same as power lock)	- Resistor	
Lock Motor	White/Black	Reverse	BCM-Fuse Box under passenger side footboard, black 32 pin plug (C5), pin 1
Driver Unlock Motor	Orange/White	Reverse	BCM-Fuse Box under passenger side footboard, black 32 pin plug (C5), pin 18

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Passenger Unlock Motor	Orange/Green	Reverse	BCM-Fuse Box under passenger side footboard, black 32 pin plug (C5), pin 3
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(factory remote only)		
Parking Lights (+)	Yellow/Green (F); Yellow/Black (R)	+	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 41; dk. red 60 pin plug (C6), pin 54
Parking Lights MUX	White/Yellow	- Resistor	Headlight Switch, black 12 pin plug, pin 4 or BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 42
Hazards	Green/Red	-	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 59
Turn Signal (Left)	Dk. Blue/White (F); DK. Blue/White (R)	+	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 44; dk. red 60 pin plug (C6), pin 50
Turn Signal (Right)	Dk. Blue/White (F); White/Black (R)	+	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 58; dk. red 60 pin plug (C6), pin 34
Headlight	White/Yellow	- Resistor	Headlight Switch, black 12 pin plug, pin 4 or BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 42
AutoLights	White/Yellow	- Resistor	Headlight Switch, black 12 pin plug, pin 4 or BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 42
Reverse Light	Gray/Green	+	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 31
Left Front Door Trigger	White/Violet	-	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 7

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Right Front Door Trigger	White/Red	-	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 8
Left Rear Door Trigger	White/Brown	-	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 24
Right Rear Door Trigger	White/Green	-	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 20
Dome Light	White	+	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 4
Trunk/Hatch Pin	White/Black	-	BCM-Fuse Box under passenger side footboard, dk. red 60 pin plug (C6), pin 23
Hood Pin	White/Black	-	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 8
Trunk/Hatch Release	White/Orange	-	Release Switch, black 3 pin plug, pin 2 or BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pin 9
Trunk Release Motor	Violet	Reverse	BCM-Fuse Box under passenger side footboard, black 32 pin plug (C5), pin 17
Fuel Door Release	(unlocks along with driver door)		
Tachometer	Orange/Brown (2.0L); White/Orange (2.9L)	ac	Fuel Injector 1, black 2 pin plug, pin 2
Clutch Pedal	Gray/Red	-	Clutch Interlock Switch, 4 pin plug, pin 4
Fuel Pump	Red	+	Fuel Pump Control Module under rear driver side seat, black 8 pin plug, pin 4
Rear Defroster	Brown/Dk. Blue	- Latched	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 49
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	(CAN IHS)		

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Right Front Heated Seat	(CAN IHS)		
Speed Sense	Gray/White	ac	Steering Column Lock Module, black 12 pin plug, pin 12
Brake Wire	Green/White	+	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 21
Parking Brake	Green/Orange (electric parking brake indicator)	-	Electric Parking Brake Switch, black 12 pin plug, pin 10
Horn Trigger	Green/White	-	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C4), pin 26
Wipers	White/Dk. Blue (switch mux); Black/Violet (ground)	Resistor; -	BCM-Fuse Box under passenger side footboard, brown 60 pin plug (C8), pins 58, 39
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Left Rear Window (Up/Down)	(motor is part of module)		
Right Rear Window (Up/Down)	(motor is part of module)		
Sun Roof (Open/Close)	Yellow/Dk. Blue - Yellow/Red (function with ignition on only)	-	Electronic Overhead Module, brown 16 pin plug, pins 13 - 14
Memory Seat 1	Gray/Dk. Blue	- Resistor	Memory Set Switch, 2 pin plug, pin 2
Memory Seat 2	(same as memory seat 1)	- Resistor	
Memory Seat 3	(same as memory seat 1)	- Resistor	
Radio 12V	Red/White	+	Radio under driver dash, black 16 pin plug, pin 15
Radio Ground	Black	-	Radio under driver dash, black 16 pin plug, pin 12
Radio Ignition	(CAN IHS)		
Left Front Speaker (+/-)	Yellow - Yellow/Black	+,-	Radio under driver dash, black 16 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Violet - Violet/Orange	+,-	Radio under driver dash, black 16 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Orange - Orange/Black	+,-	Radio under driver dash, black 16 pin plug, pins 4 - 8

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Right Rear Speaker (+/-)	Green - Green/Black	+,-	Radio under driver dash, black 16 pin plug, pins 1 - 5
Center Channel (+/-)	Dk. Blue/Red - Dk. Blue/Black	+,-	Amplifier in trunk left side, white 22 pin plug, pins 15 - 16 or gray 22 pin plug, pins 8 - 19
Subwoofer (+/-)	Violet - Violet/Black	+,-	Amplifier in trunk left side, white 22 pin plug, pins 14 - 13 or gray 22 pin plug, pins 9 - 20
Aux. Audio Input Left (+/-)	White - Black	+,-	Radio under driver dash, black 12 pin plug, pins 2 - 8
Aux. Audio Input Right (+/-)	Green - Black	+,-	Radio under driver dash, black 12 pin plug, pins 7 - 8
Rearview Camera Video	White - Red	+,-	Radio under driver dash, white 12 pin plug, pins 8 - 5
Satellite Radio 12 Volts	(built into radio)		

What Fits

Item	Size	Depth	Location

Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are yellow - yellow/black or dk. blue/red - dk. blue/black (door); yellow - yellow/black (dash) at the amplifier in trunk left side, white 22 pin plug, pins 22 - 21; 6 - 7 (premium 1); gray 22 pin plug, pins 4 - 15; 10 - 21 (premium 2). On premium 2 systems, the door tweeter wires are yellow - yellow/black at the amplifier, gray 22 pin plug, pins 11 - 22.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are orange - orange/black at the amplifier in trunk left side, white 22 pin plug, pins 18 - 17 (premium 1); gray 10 pin plug, pins 5 - 10 (premium 2). On premium 2 systems, the rear shelf speaker wires are gray/dk. blue - gray/green at the amplifier, gray 10 pin plug, pins 4 - 9.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are violet - violet/orange (door); violet - violet/orange (dash) at the amplifier in trunk left side, white 22 pin plug, pins 10 - 11; 9 - 8 (premium 1); gray 22 pin plug, pins 5 - 16; 6 - 17 (premium 2). On premium 2 systems, the door tweeter wires are violet - violet/orange at the amplifier, gray 22 pin plug, pins 7 - 18.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are green - green/black at the amplifier in trunk left side, white 22 pin plug, pins 19 - 20 (premium 1); gray 10 pin plug, pins 3 - 8 (premium 2). On premium 2 systems, the rear shelf speaker wires are gray/yellow - gray/black at the amplifier, gray 10 pin plug, pins 2 - 7.