2017 Infiniti Q60(SmartKey) - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	White (40A)	+	BCM in passenger kick, white 15 pin plug, pin 11
Ground	(chassis ground)		
Starter	Red	-	BCM in passenger kick, black 40 pin plug, pin 22
Ignition	White/Black	+	BCM in passenger kick, black 40 pin plug, pin 27
Second Ignition	Black	-	BCM in passenger kick, black 40 pin plug, pin 30
Accessory	Black	+	BCM in passenger kick, black 40 pin plug, pin 26
Second Accessory	Lt. Blue	+	BCM in passenger kick, black 24 pin plug, pin 9
PTS 1	Red	-	BCM in passenger kick, green 40 pin plug, pin 1
CAN Bus High	Blue	Data	BCM in passenger kick, black 40 pin plug, pin 20
CAN Bus Low	Pink	Data	BCM in passenger kick, black 40 pin plug, pin 19
CAN Bus High 2	Blue	Data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low 2	Pink	Data	OBD-Data Link Connector, white 16 pin plug, pin 14
OBD 12 Volts	White (5A)	+	OBD-Data Link Connector, white 16 pin plug, pin 16
OBD Ground	Black	-	OBD-Data Link Connector, white 16 pin plug, pin 4
OBD Ignition	White	+	OBD-Data Link Connector, white 16 pin plug, pin 8
IMMO Antenna	(NATS antenna is on push button ignition switch)		
Security Light	Blue	-	BCM in passenger kick, green 40 pin plug, pin 18
Power Lock	(use factory alarm arm)		
Power Unlock	(use factory alarm disarm)		
Lock Motor	Violet	Reverse	BCM in passenger kick, white 15 pin plug, pin 7
Driver Unlock Motor	Lt. Green	Reverse	BCM in passenger kick, white 15 pin plug, pin 9
Passenger Unlock Motor	Pink	Reverse	BCM in passenger kick, white 15 pin plug, pin 2

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Item	Wire Color	Polarity	Wire Location
Factory Alarm Arm	Violet (key lock)	-	Power Window Main Switch, white 16 pin plug, pin 15
Factory Alarm Disarm	Yellow (key unlock)	Double -	Power Window Main Switch, white 16 pin plug, pin 16
Parking Lights	Red	+	Dash Fuse Box, white 40 pin plug, pin 16
Hazards	Green	-	BCM in passenger kick, green 40 pin plug, pin 36
Turn Signal (Left)	White/Black (LF); Yellow (LR)	+	BCM in passenger kick, black 24 pin plug, pin 13 (LF); gray 24 pin plug, pin 23 (LR)
Turn Signal (Right)	Violet (RF); White (RR)	+	BCM in passenger kick, black 24 pin plug, pin 1 (RF); gray 24 pin plug, pin 12 (RR)
Headlight	Lt. Blue or Violet (LO L); Red (LO R); Pink (HI L); Brown (HI R)	+	Underhood Fuse Box, white 8 pin plug, pin 3 (LO L); pin 2 (LO R); pin 8 (HI L); pin 7 (HI R)
Reverse Light	Tan	+	Passenger Kick, harness to rear
Left Front Door Trigger	Violet	-	BCM in passenger kick, gray 24 pin plug, pin 16
Right Front Door Trigger	Gray	-	BCM in passenger kick, gray 24 pin plug, pin 14
Dome Light	Violet	-	BCM in passenger kick, white 15 pin plug, pin 8
Trunk/Hatch Pin	Red	-	BCM in passenger kick, gray 24 pin plug, pin 17
Hood Pin	Pink or Lt. Blue	-	Underhood Fuse Box, white 16 pin plug, pin 15
Trunk/Hatch Release	Blue	-	BCM in passenger kick, black 40 pin plug, pin 40
Trunk Release Motor	Gray	Reverse	BCM in passenger kick, gray 24 pin plug, pin 11
Fuel Door Release	(locks/unlocks with driver door)		
Tachometer	Pink (w/o Bose); White (with Bose)	AC	Passenger Kick, harness to rear
Fuel Pump	Brown or Blue	+	Above Driver Kick, white 6 pin plug, pin 2 or 4
Rear Defroster	Green	- Latched	BCM in passenger kick, black 40 pin plug, pin 21
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	(CAN)		

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Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	(CAN)		
Speed Sense	Red	8-Pulse	Display Control Unit, white 24 pin plug, pin 21
Brake Wire	Pink	+	BCM in passenger kick, green 40 pin plug, pin 27
Parking Brake	Lt. Green	-	Parking Brake Switch, white 1 pin plug, pin 1
Horn Trigger	Lt. Green	-	Horn Switch-Clock Spring, yellow 6 pin plug, pin 1 or white 24 pin plug, pin 17
Wipers	Violet (LO); Blue (HI)	+	Underhood Fuse Box, white 12 pin plug, pin 5 (LO); pin 12 (HI)
All Windows Up-Down	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	Pink - Lt. Blue (function with ignition on only)	-	Sunroof Switch, white 12 pin plug, pins 4 - 9
Memory Seat 1	Brown	-	Driver Kick, harness to rear
Memory Seat 2	Violet	-	Driver Kick, harness to rear
Radio 12V	Yellow	+	Radio, white 20 pin plug, pin 19
Radio Ground	Black	-	Radio, white 20 pin plug, pin 20
Radio Ignition	Lt. Blue	+	Radio, white 20 pin plug, pin 7
Power Antenna	(no wire color listed in service manual)	+	Radio, 3 pin plug, pin 1
Left Front Speaker (+/-)	Blue - Red	+,-	Radio, white 20 pin plug, pins 2 - 3
Right Front Speaker (+/-)	Lt. Green - Pink	+,-	Radio, white 20 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	Lt. Green - Lt. Blue	+,-	Radio, white 20 pin plug, pins 4 - 5
Right Rear Speaker (+/-)	Blue - Pink	+,-	Radio, white 20 pin plug, pins 13 - 14
Left Front Speaker - With Amp	Pink - Violet (woofer-tweeter)	+,-	Amplifier in right rear side panel, brown 14 pin plug, pins 4 - 13
Right Front Speaker - With Amp	Blue - Yellow (woofer-tweeter)	+,-	Amplifier in right rear side panel, brown 14 pin plug, pins 8 - 9
Left Front Tweeter - With Amp	Green - Red (door midrange); Pink - Violet (dash midrange)	+,-	Amplifier in right rear side panel, brown 23 pin plug, pins 20 - 8 (door); pins 12 - 2 (dash)

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Item	Wire Color	Polarity	Wire Location
Right Front Tweeter - With Amp	White - Black (door midrange); Pink - Blue (dash midrange)	+,-	Amplifier in right rear side panel, brown 23 pin plug, pins 15 - 5 (door); pins 4 - 3 (dash)
Left Rear Speaker - With Amp	Red - Blue (woofer)	+,-	Amplifier in right rear side panel, brown 14 pin plug, pins 6 - 7
Right Rear Speaker - With Amp	Brown - Red (woofer)	+,-	Amplifier in right rear side panel, brown 14 pin plug, pins 10 - 11
Left Rear Tweeter - With Amp	White - Black (midrange)	+,-	Amplifier in right rear side panel, brown 23 pin plug, pins 18 - 6
Right Rear Tweeter - With Amp	Blue - Pink (midrange)	+,-	Amplifier in right rear side panel, brown 23 pin plug, pins 19 - 7
Center Channel - With Amp	Brown - Gray	+,-	Amplifier in right rear side panel, brown 23 pin plug, pins 13 - 14
Aux. Audio Input Left (+/-)	White - Red	+,-	Radio, white 12 pin plug, pins 6 - 11
Aux. Audio Input Right (+/-)	Black - Red	+,-	Radio, white 12 pin plug, pins 12 - 11
Rearview Camera Video	Black - (Shield)	+,-	Display Control Unit, white 40 pin plug, pins 24 - 4
RSE Video (+/-)	Blue - Violet (aux. video); Brown - Lt. Green (display video)	+,-	Radio, white 40 pin plug, pins 16 - 36 (aux.); pins 18 - 19 (display)

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What Fits

Item	Size	Depth	Location
Headunit	Irregular		Center of Dash
Left Front Speaker	6.5 or 10 (woofer); 3 (midrange)		Left Front Door (woofer); Left Front Dash and Door (midrange)
Left Front Tweeter	1		Left Front Door
Right Front Speaker	6.5 or 10 (woofer); 3 (midrange)		Right Front Door (woofer); Right Front Dash and Door (midrange)
Right Front Tweeter	1		Right Front Door
Left Rear Speaker	6 x 9		Left Rear Shelf
Left Rear Tweeter	3		Left Rear Side Panel
Right Rear Speaker	6 x 9		Right Rear Shelf
Right Rear Tweeter	3		Right Rear Side Panel
Center Channel	3		Top Center of Dash