

2016 Nissan GT-R (Smart Key) - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	white or gray (40A)	+	BCM in passenger kick, black 3 pin plug, pin 1
Second 12 Volts	red (80A)	+	dash fuse box, rear, white 1 pin plug, pin 1
Ground	(chassis ground)		
Starter	lt. blue	-	BCM in passenger kick, gray 40 pin plug, pin 21
Ignition	red	+	BCM in passenger kick, black 40 pin plug, pin 11
Second Ignition	yellow	-	BCM in passenger kick, gray 40 pin plug, pin 16
Accessory	orange	+	BCM in passenger kick, black 40 pin plug, pin 31
Second Accessory	orange	+	BCM in passenger kick, black 40 pin plug, pin 24
PTS 1	brown	-	Push-Button Ignition Switch, brown 8 pin plug, pin 4 --OR-- BCM in passenger kick, black 40 pin plug, pin 18
Keysense	red	+	Key Slot, white 12 pin plug, pin 11 --OR-- BCM in passenger kick, green 40 pin plug, pin 10
CAN Bus High	blue	data	OBD-data link connector, white 16 pin plug, pin 6
CAN Bus Low	pink	data	OBD-data link connector, white 16 pin plug, pin 14
CAN Bus High 2	blue	data	BCM in passenger kick, black 40 pin plug, pin 20
CAN Bus Low 2	pink	data	BCM in passenger kick, black 40 pin plug, pin 19
IMMO Data	blue	data	Key Slot, white 12 pin plug, pin 3 --OR-- BCM in passenger kick, black 40 pin plug, pin 10
IMMO Clock	gray	data	Key Slot, white 12 pin plug, pin 2 --OR-- BCM in passenger kick, black 40 pin plug, pin 9
Security Light	green	-	BCM in passenger kick, green 40 pin plug, pin 30
Power Lock	pink	-	BCM in passenger kick, green 40 pin plug, pin 17
Power Unlock	brown	-	BCM in passenger kick, green 40 pin plug, pin 20

2016 Nissan GT-R (Smart Key) - North America



Item	Wire Color	Polarity	Wire Location
Lock Motor	violet	5 wire	BCM in passenger kick, white 16 pin plug, pin 5
Driver Unlock Motor	green	5 wire	BCM in passenger kick, white 16 pin plug, pin 6
Passenger Unlock Motor	green	5 wire	BCM in passenger kick, white 16 pin plug, pin 2
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	see disarm no unlock		
Disarm No Unlock	proximity key and push-button		
Parking Lights	red	+	dash fuse box, white 10 pin plug, pin 8 or driver kick, harness to rear
Hazards	green	-	BCM in passenger kick, black 40 pin plug, pin 39
Turn Signal (Left)	orange (F); violet (R)	+	BCM in passenger kick, wht 16 pin plug, pin 15; wht 12 pin plg, pin 6
Turn Signal (Right)	white (F); lt. blue (R)	+	BCM in passenger kick, wht 16 pin plug, pin 14; wht 12 pin plg, pin 1
Headlight	pink (L), red (R)	+	headlights or underhood fuse box, white 8 pin plug, pins 2 and 1
Reverse Light	orange	+	radio, white 32 pin plug, pin 21
Left Front Door Trigger	gray	-	BCM in passenger kick, green 40 pin plug, pin 39
Right Front Door Trigger	lt. green	-	BCM in passenger kick, green 40 pin plug, pin 13
Dome Light	violet	-	BCM in passenger kick, white 16 pin plug, pin 16
Trunk/Hatch Pin	red	-	BCM in passenger kick, gray 40 pin plug, pin 19
Hood Pin	lt. green	-	hood switch or underhood fuse box, white 16 pin plug, pin 14
Trunk/Hatch Release	green	-	BCM in passenger kick, gray 40 pin plug, pin 36
Trunk Release Motor	green	5 wire	BCM in passenger kick, white 12 pin plug, pin 4
Fuel Door Release	unlocks along with driver door		
Tachometer	lt. blue	ac	Power Steering Ctrl Unit behind glove box, wht 12 pin plug, pin 10
Fuel Pump	yellow	+	passenger kick, harness to rear

2016 Nissan GT-R (Smart Key) - North America



Item	Wire Color	Polarity	Wire Location
Rear Defroster	green	- latched	BCM in passenger kick, green 40 pin plug, pin 40
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	blue/red	5 wire	driver heated seat switch, brown 6 pin plug, pin 5
Right Front Heated Seat	blue/red	5 wire	passenger heated seat switch, brown 6 pin plug, pin 5
Speed Sense	violet	8-Pulse	radio, white 32 pin plug, pin 22
Brake Wire	pink	+	BCM in passenger kick, green 40 pin plug, pin 7
Parking Brake	violet or red	-	parking brake switch or radio, white 32 pin plug, pin 5
Horn Trigger	white	-	horn switch, gray 8 pin plug, pin 8
Wipers	violet (L), blue (H)	+	wiper motor or underhood fuse box, wht 36 pin plug, pins 2 and 3
Left Front Window (Up/Down)	motor part of module		
Right Front Window (Up/Down)	motor part of module		
Radio 12V	yellow	+	radio, white 20 pin plug, pin 19
Radio Ground	black	-	radio, white 20 pin plug, pin 20
Radio Ignition	violet	+	radio, white 20 pin plug, pin 7
Radio Illumination	red	+	radio, white 32 pin plug, pin 19
Factory Amp Turn-on	violet	+	radio, white 20 pin plug, pin 1
Power Antenna		+	radio, 3 pin plug, pin 1
Left Front Speaker (+/-)	red - green or blue - pink	+,-	radio, white 20 pin plug, pins 2 - 3
Right Front Speaker (+/-)	orange/blue - white/blue or red - green	+,-	radio, white 20 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	black - white	+,-	radio, white 20 pin plug, pins 4 - 5
Right Rear Speaker (+/-)	blue/green - blue/yellow	+,-	radio, white 20 pin plug, pins 13 - 14
Center Channel (+/-)	violet - white (BOSE audio)	+,-	amplifier under driver seat, brown 23 pin plug, pins 13 - 14

2016 Nissan GT-R (Smart Key) - North America



Item	Wire Color	Polarity	Wire Location
Subwoofer (+/-)	pink - lt. blue (preamp); white (turn-on) (BOSE)	+,-	amplifier under driver seat, brown 14 pin plug, pins 20 - 8; 11
Aux. Audio Input Left (+/-)	white - black	+,-	radio, white 28 pin plug, pins 4 - 19
Aux. Audio Input Right (+/-)	red - black	+,-	radio, white 28 pin plug, pins 18 - 19
RSE Video (+/-)	red - white (front display video)	+,-	radio, white 32 pin plug, pins 8 - 7
Satellite Radio 12 Volts	(built into radio)		

2016 Nissan GT-R (Smart Key) - North America

**What Fits**

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	4	left front door
Left Front Tweeter	1 (tweeter); 3.25 (midrange)	1; 2.85	left front door
Right Front Speaker	6.5	4	right front door
Right Front Tweeter	1 (tweeter); 3.25 (midrange)	1; 2.85	right front door
Left Rear Speaker	6.5 or 3.25	3.5 or 3	between rear seats or left rear deck
Right Rear Speaker	6.5 or 3.25	3.5 or 3	between rear seats or right rear deck
Center Channel	3.25	3	top center of dash
Subwoofer	9 (x2)	3.5	between rear seats
Satellite Radio Tuner	(built into radio)		

2016 Nissan GT-R (Smart Key) - North America***Additional Wiring Notes***

Item	Note
Aux. Audio Input Right (+/-)	The auxiliary video input wires are green - red at the radio, white 40 pin plug, pins 6 - 26.
Left Front Speaker (+/-)	The speaker wires are red - green at the amplifier under driver seat, white 10 pin plug, pins 8 - 7 (base audio) or brown 14 pin plug, pins 10 - 11 (BOSE audio). The tweeter wires are orange - gray at the amplifier, brown 14 pin plug, pins 4 - 13 (BOSE audio).
Left Rear Speaker (+/-)	The speaker wires are blue - white at the amplifier under driver seat, white 10 pin plug, pins 4 - 3 (base audio) or purple - lt. green in the brown 23 pin plug, pins 12 - 2 (BOSE audio).
Right Front Speaker (+/-)	The speaker wires are yellow - lt. green at the amplifier under driver seat, white 10 pin plug, pins 8 - 7 (base audio) or brown 14 pin plug, pins 6 - 7 (BOSE audio). The tweeter wires are lt. blue - brown at the amplifier, brown 14 pin plug, pins 8 - 9 (BOSE audio).
Right Rear Speaker (+/-)	The speaker wires are lt. green - orange at the amplifier under driver seat, white 10 pin plug, pins 4 - 3 (base audio) or brown 23 pin plug, pins 4 - 3 (BOSE audio).