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### Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	White (40A)	+	BCM in passenger kick, black 3 pin plug, pin 1
Second 12 Volts	Lt. Green (30A)	+	Driver Kick Fuse Box, rear, black 2 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	Tan	+	BCM in passenger kick, black 40 pin plug, pin 31
Second Accessory	Tan	+	BCM in passenger kick, black 40 pin plug, pin 24
PTS 1	Brown	-	Push Button Ignition Switch, brown 8 pin plug, pin 4
PTS 2	Brown (alternate location)	-	BCM in passenger kick, black 40 pin plug, pin 18
Keysense	Red	+	Key Slot, white 12 pin plug, pin 11
Keysense 2	Red (alternate location)	+	BCM in passenger kick, green 40 pin plug, pin 10
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 (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low 2	White (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 14
OBD 12 Volts	Yellow (10A)	+	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	Green	+	OBD-Data Link Connector, white 16 pin plug, pin 8
OBD Connector	White		Under Driver Dash, Near Hood Release

## 2020 Nissan GT-R(SmartKey) - Requested by: ampire.de



Item	Wire Color	Polarity	Wire Location
IMMO Data	Blue	Data	Key Slot, white 12 pin plug, pin 3
IMMO Data 2	Blue (alternate location)	Data	BCM in passenger kick, black 40 pin plug, pin 10
IMMO Clock	Gray	Data	Key Slot, white 12 pin plug, pin 2
IMMO Clock 2	Gray (alternate location)	Data	BCM in passenger kick, black 40 pin plug, pin 9
Security Light	Green	-	BCM in passenger kick, green 40 pin plug, pin 30
Keyless Data	Yellow	Data	BCM in passenger kick, black 40 pin plug, pin 12
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
Lock Motor	Violet	Reverse	BCM in passenger kick, white 16 pin plug, pin 3
Driver Unlock Motor	Green	Reverse	BCM in passenger kick, white 16 pin plug, pin 2
Passenger Unlock Motor	Green	Reverse	BCM in passenger kick, white 16 pin plug, pin 6
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(proximity key and push button)		
Parking Lights	Red (exterior lights)	+	Driver Kick, harness to rear
Parking Lights 2	Red (interior lights)	+	Driver Kick Fuse Box, white 10 pin plug, pin 8
Hazards	Green	-	BCM in passenger kick, black 40 pin plug, pin 39
Turn Signal (Left)	Tan (LF); Violet (LR)	+	BCM in passenger kick, white 16 pin plug, pin 9 (LF); white 12 pin plug, pin 12 (LR)
Turn Signal (Right)	White (RF); Lt. Blue (RR)	+	BCM in passenger kick, white 16 pin plug, pin 10 (RF); white 12 pin plug, pin 5 (RR)
Headlight	Pink (L); Red (R)	+	Underhood Fuse Box, white 8 pin plug, pin 2 (L); pin 1 (R)
AutoLights	(pulse left front door trigger to turn off)		
Reverse Light	Tan	+	Driver Kick, harness to rear --or-- Radio, white 40 pin plug, pin 36
Left Front Door Trigger	Gray	-	BCM in passenger kick, green 40 pin plug, pin 39

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Item	Wire Color	Polarity	Wire Location
Left Front Door Trigger 2	Lt. Green (alternate location)	-	Driver Kick, harness to rear
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 8
Trunk/Hatch Pin	Red	-	BCM in passenger kick, gray 40 pin plug, pin 19
Hood Pin	Lt. Green	-	Hood Switch, black 2 pin plug, pin 1 --or-- Underhood Fuse Box, white 16 pin plug, pin 14
Trunk/Hatch Release	Blue	-	Trunk Lid Opener Switch, green 8 pin plug, pin 6
Trunk-Hatch Release2	Blue (alternate location)	-	BCM in passenger kick, gray 40 pin plug, pin 36
Trunk Release Motor	Green	Reverse	BCM in passenger kick, white 12 pin plug, pin 2
Fuel Door Release	(locks/unlocks with driver door)		
Tachometer	Lt. Blue	AC	Power Steering Control Unit behind glove box, white 12 pin plug, pin 9
Fuel Pump	Yellow	+	Passenger Kick, harness to rear
Rear Defroster	Violet	- Latched	BCM in passenger kick, green 40 pin plug, pin 40
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	Blue/Red (LO)	Reverse	Driver Heated Seat Switch, brown 6 pin plug, pin 4
Right Front Heated Seat	Blue/Red (LO)	Reverse	Passenger Heated Seat Switch, brown 6 pin plug, pin 4
Speed Sense	Violet	8-Pulse	Radio, white 40 pin plug, pin 37
Brake Wire	Pink	+	BCM in passenger kick, green 40 pin plug, pin 7
Brake Wire 2	White (alternate location)	+	Brake Switch, white 4 pin plug, pin 2
Parking Brake	Violet	-	Parking Brake Switch, black 1 pin plug, pin 1
Parking Brake 2	Pink (alternate location)	-	Radio, white 40 pin plug, pin 16
Horn Trigger	White	-	Horn Switch-Clock Spring, gray 8 pin plug, pin 5
Horn - Factory Alarm	White	-	Underhood Fuse Box, white 8 pin plug, pin 6

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Item	Wire Color	Polarity	Wire Location
Wipers	Violet (LO); Blue (HI)	+	Underhood Fuse Box, white 36 pin plug, pin 35 (LO); pin 34 (HI)
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Radio 12V	Yellow	+	Radio, white 20 pin plug, pin 11
Radio Ground	(chassis ground)		
Radio Ignition	Tan or White	+	Radio, white 20 pin plug, pin 4
Radio Illumination	Gray (parking lights); Pink (dimmer)	+,-	Radio, white 20 pin plug, pin 2 (parking lights); pin 3 (dimmer)
Factory Amp Turn-on	Violet	+	Radio, white 20 pin plug, pin 10
Power Antenna	(no wire color listed in service manual)	+	Radio, 3 pin plug, pin 1
Left Front Speaker (+/-)	Red - Green (w/o Bose); Blue - Pink (Bose) (preamp)	+,-	Radio, white 20 pin plug, pins 9 - 8
Right Front Speaker (+/-)	Red - Blue (w/o Bose); Red - Green (Bose) (preamp)	+,-	Radio, white 20 pin plug, pins 19 - 18
Left Rear Speaker (+/-)	Black - White (w/o Bose); White - Black (Bose, voice) (preamp)	+,-	Radio, white 20 pin plug, pins 7 - 6
Right Rear Speaker (+/-)	Black - Yellow (w/o Bose) (preamp)	+,-	Radio, white 20 pin plug, pins 17 - 16
Left Front Speaker - With Amp	Red - Green	+,-	Amp LH under driver seat, white 10 pin plug, pins 7 - 8 (w/o Bose); Bose Amp under driver seat, brown 14 pin plug, pins 10 - 11 (Bose)
Right Front Speaker - With Amp	Yellow - Lt. Green	+,-	Amp RH under driver seat, white 10 pin plug, pins 7 - 8 (w/o Bose); Bose Amp under driver seat, brown 14 pin plug, pins 6 - 7 (Bose)
Left Front Tweeter - With Amp	Tan - Gray (Bose)	+,-	Bose Amp under driver seat, brown 14 pin plug, pins 4 - 13 (Bose)
Right Front Tweeter - With Amp	Lt. Blue - Brown (Bose)	+,-	Bose Amp under driver seat, brown 14 pin plug, pins 8 - 9 (Bose)
Left Rear Speaker - With Amp	Blue - White (w/o Bose); Violet - Lt. Green (Bose)	+,-	Amp LH under driver seat, white 10 pin plug, pins 1 - 2 (w/o Bose); Bose Amp under driver seat, brown 23 pin plug, pins 12 - 2 (Bose)

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Item	Wire Color	Polarity	Wire Location
Right Rear Speaker - With Amp	Lt. Green - Tan	+,-	Amp RH under driver seat, white 10 pin plug, pins 1 - 2 (w/o Bose); Bose Amp under driver seat, brown 23 pin plug, pins 4 - 3 (Bose)
Center Channel - With Amp	Violet - White (Bose)	+,-	Bose Amp under driver seat, brown 23 pin plug, pins 13 - 14 (Bose)
Subwoofer - With Amp	Pink - Lt. Blue (preamp); White (amp turn-on) (Bose)	+,-; +	Bose Amp under driver seat, brown 23 pin plug, pins 20 - 8 (preamp); pin 11 (amp turn-on) (Bose)
Aux. Audio Input Left (+/-)	White - Black	+,-	Radio, white 40 pin plug, pins 6 - 5
Aux. Audio Input Right (+/-)	Red - Black	+,-	Radio, white 40 pin plug, pins 26 - 5
Rearview Camera Video	White - (shield)	+,-	Radio, white 40 pin plug, pins 1 - 21

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***What Fits***

Item	Size	Depth	Location
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