2015 Nissan 370Z(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, 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	violet	-	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, gray 40 pin plug, pin 29
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	white	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	yellow	-	BCM in passenger kick, green 40 pin plug, pin 30
Door Lock Data	yellow (coupe); violet (convertible) (power window switch communication)	data	BCM in passenger kick, green 40 pin plug, pin 21
Power Lock	(use factory alarm arm or insert pin)	-	BCM in passenger kick, green 40 pin plug, pin 37

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Item	Wire Color	Polarity	Wire Location
Power Unlock	(use factory alarm disarm or insert pin)	-	BCM in passenger kick, green 40 pin plug, pin 15
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	gray (driver door key lock)	-	power window main switch, white 16 pin plug, pin 6
Factory Alarm Disarm	violet (driver door key unlock)	double -	power window main switch, white 16 pin plug, pin 7
Disarm No Unlock	(proximity key and push-button)		
Parking Lights	red	+	dash fuse box, white 10 pin plug, pin 8
Hazards	pink	-	BCM in passenger kick, black 40 pin plug, pin 39
Turn Signal (Left)	orange (F); lt. green (R)	+	BCM in passenger kick, white 16 pin plug, pin 15; white 12 pin plug, pin 6
Turn Signal (Right)	white (F); violet (R)	+	BCM in passenger kick, white 16 pin plug, pin 14; white 12 pin plug, pin 1
Headlight	pink (L); red (R)	+	headlights or underhood fuse box, white 8 pin plug, pins 2, 1
Reverse Light	beige or orange	+	driver kick, harness to rear or 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	pink	-	BCM in passenger kick, white 16 pin plug, pin 16
Trunk/Hatch Pin	red	-	BCM in passenger kick, gray 40 pin plug, pin 35
Hood Pin	lt. green	-	hood switch or underhood fuse box, white 16 pin plug, pin 14
Trunk/Hatch Release	gray (rear handle switch)	-	BCM in passenger kick, gray 40 pin plug, pin 36
Trunk Release Motor	blue (coupe); yellow (convertible)	5 wire	BCM in passenger kick, white 12 pin plug, pin 4
Fuel Door Release	(unlocks along with driver door)		

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Item	Wire Color	Polarity	Wire Location
Tachometer	red	ac	Power Steering Control Unit left of glove box, white 12 pin plug, pin 10
Clutch Pedal	green (input); gray (output)	+	front clutch switch, blue 2 pin plug, pins 1, 2
Clutch Pedal 2	brown (without rev match); lt. blue (with rev match)	cut	back clutch switch, blue 2 pin plug, pin 2; 1
Fuel Pump	pink	+	driver kick, harness to rear
Rear Defroster	green	- latched	BCM in passenger kick, green 40 pin plug, pin 40
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	gray (heated only)	5 wire	left heated seat switch, white 6 pin plug, pin 2
Right Front Heated Seat	orange (heated only)	5 wire	right heated seat switch, brown 6 pin plug, pin 2
Speed Sense	yellow	8-Pulse	radio, white 20 pin plug, pin 18 or white 32 pin plug, pin 22
Brake Wire	pink	+	BCM in passenger kick, green 40 pin plug, pin 7
Parking Brake	orange	-	parking brake switch, blk 1 pin plg, pin 1 or radio, wht 32 pin plg, pin5
Horn Trigger	lt. green	-	horn switch, gray 8 pin plug, pin 8
Wipers	violet (LO); blue (HI)	+	wiper motor or underhood fuse box, wht 36 pin plug, pins 2, 3
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	violet - brown (function with ignition on only)	-	soft top open/close switch, white 6 pin plug, pins 3 - 4
Radio 12V	yellow	+	radio, white 20 pin plug, pin 19
Radio Ground	(chassis) (without navi); black (with navi)	-	radio, white 20 pin plug, pin 20
Radio Ignition	blue	+	radio, white 20 pin plug, pin 7
Radio Illumination	red (parking lights); white (dimmer)	+,-	radio, white 20 pin plug, pins 9, 8
Factory Amp Turn-on	violet	+	radio, white 20 pin plug, pin 1
Power Antenna		+	radio, 3 pin plug, pin 1

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Item	Wire Color	Polarity	Wire Location
Left Front Speaker (+/-)	blue - violet or lt. green - violet	+,-	radio, white 20 pin plug, pins 2 - 3
Right Front Speaker (+/-)	violet - lt. green or blue - pink	+,-	radio, white 20 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	blue - red	+,-	radio, white 20 pin plug, pins 4 - 5
Right Rear Speaker (+/-)	red - yellow (coupe); red - green (convertible)	+,-	radio, white 20 pin plug, pins 13 - 14
Subwoofer (+/-)	lt. blue - violet (coupe)	+,-	amplifier in LF corner of cargo floor, brown 14 pin plug, pins 4 - 5
Aux. Audio Input Left (+/-)	green - yellow or yellow - blue	+,-	radio, wh 32P plg, pins 18-2; wh 28P plg, pins4-19
Aux. Audio Input Right (+/-)	blue - yellow or green - blue	+,-	radio, wh 32P plg, pins 1-2; wh 28P plg, pins18-19
RSE Video (+/-)	green - blue (front display)	+,-	radio, white 32 pin plug, pins 8 - 7
Satellite Radio 12 Volts	(built into radio)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5 or 6 x 9		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6.5 or 6 x 9		right front door
Right Front Tweeter			right front dash
Left Rear Speaker			left rear side panel
Right Rear Speaker			right rear side panel
Subwoofer			spare tire well (cpe), left/right rear panel (cnv)
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Aux. Audio Input Right (+/-)	The aux. video wires are lt. green - purple at the radio, white 40 pin plug, pins 6 - 26.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are blue - purple at the amplifier in LF corner of cargo floor, brown 14 pin plug, pins 1 - 10 (coupe) or pins 4 - 5 (convertible). The tweeter wires are lt. green - gray at the amplifier, brown 14 pin plug, pins 6 - 7.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are blue - pink at the amplifier in LF corner of cargo floor, brown 23 pin plug, pins 1 - 14.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are beige - green at the amplifier in LF corner of cargo floor, brown 14 pin plug, pins 2 - 3 (coupe) or pins 8 - 13 (convertible). The tweeter wires are black - white at the amplifier, brown 23 pin plug, pins 23 - 13.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are red - brown (coupe); lt. green - yellow (convertible) at the amplifier in LF corner of cargo floor, brown 14 pin plug, pins 9 - 14.
Subwoofer (+/-)	On convertible models, the subwoofer wires are blue - purple (L); lt. green - yellow (R) at the amplifier, brown 14 pin plug, pins 1 - 10; 2 - 3.