

2006 Nissan 350Z (Smart Key) - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	green (40A)	+	ignition harness
Starter	white/red	+	ignition harness
Second Starter	white/green	+	ignition harness
Ignition	black/red	+	ignition harness
Accessory	white/black	+	ignition harness
Keysense	black/red	+	ignition harness
CAN Bus High	blue	data	data link connector, white 16 pin plug, pin 6
CAN Bus Low	pink	data	data link connector, white 16 pin plug, pin 14
CAN Bus High 2	blue	data	BCM in driver kick, white 40 pin plug, pin 39
CAN Bus Low 2	pink	data	BCM in driver kick, white 40 pin plug, pin 40
IMMO Data	brown	data	NATS Antenna Amp on ignition switch, white 4 pin plug, pin 4
IMMO Clock	green/white	data	NATS Antenna Amp on ignition switch, white 4 pin plug, pin 2
Security Light	green/orange	-	BCM in driver kick, white 40 pin plug, pin 23
Door Lock Data	yellow	data	driver kick or BCM in driver kick, white 40 pin plug, pin 22
Power Lock	black/red (driver door key lock)	-	driver door module in door, pin 6
Power Unlock	lt. blue (driver door key unlock)	double -	driver door module in door, pin 7
Lock Motor	purple	5 wire	BCM in driver kick, black 15 pin plug, pin 10
Driver Unlock Motor	yellow	5 wire	BCM in driver kick, black 15 pin plug, pin 4
Passenger Unlock Motor	white/red	5 wire	BCM in driver kick, black 15 pin plug, pin 11
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock	single pulse on power unlock wire		
Parking Lights (+)	red/blue	+	driver kick, harness to rear
Hazards	green/red	-	switch or BCM in driver kick, white 40 pin plug, pin 29

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Turn Signal (Left)	green/white	+	BCM in driver kick, black 15 pin plug, pin 5
Turn Signal (Right)	purple/white	+	BCM in driver kick, black 15 pin plug, pin 6
Headlight	red/white (L), red (R)	+	lights or underhood fuse box, gray 16 pin plug
Reverse Light	orange or lt. green	+	driver kick, harness to rear
Left Front Door Trigger	blue	-	BCM in driver kick, white 15 pin plug, pin 7
Right Front Door Trigger	pink	-	BCM in driver kick, white 40 pin plug, pin 12
Dome Light	pink	-	BCM in driver kick, black 15 pin plug, pin 8
Trunk/Hatch Pin	red/white	-	BCM in driver kick, white 15 pin plug, pin 3 (coupe); 2 (convertible)
Hood Pin	lt. green/black	-	hood pin switch under hood
Trunk/Hatch Release	pink	-	BCM in driver kick, white 40 pin plug, pin 30
Trunk Release Motor	blue/red	+	BCM in driver kick, white 15 pin plug, pin 13
Fuel Door Release	blue/red	-	release switch on dash
Tachometer	NOT white/blue, black, or red	ac	any ignition coil or fuel injector
Clutch Pedal	gray/red	+	clutch switch, blue 2 pin plug, pin 2
Speed Sense	white	8P	Unified Meter and A/C Amp behind A/C controls, gray 16 pin plug, pin 3
Brake Wire	pink/blue	+	brake pedal switch
Parking Brake	purple/red	-	parking brake switch
Horn Trigger	green/black	-	horn switch
Wipers	blue (L), blue/black (H)	+	motor or underhood fuse box, gray 16 pin plug
Left Front Window (Up/Down)	blue - green	A	driver window switch in door
Right Front Window (Up/Down)	blue - green	A	passenger window switch in door
Sun Roof (Open/Close)	blue/black - red/green (soft top) (function with ignition on and brake pressed only)	-	soft top switch on dash
Radio 12V	yellow	+	radio harness
Radio Ground	(chassis)		
Radio Ignition	lt. green	+	radio harness

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Item	Wire Color	Polarity	Wire Location
Radio Illumination	red/blue	+	radio harness
Factory Amp Turn-on	green/yellow	+	radio harness
Power Antenna	green/white	+	radio harness
Left Front Speaker (+/-)	blue/red - black/white	+,-	radio harness
Right Front Speaker (+/-)	yellow/red - red/white	+,-	radio harness
Left Rear Speaker (+/-)	lt. green/red - black/yellow	+,-	radio harness
Right Rear Speaker (+/-)	blue/orange - black/pink	+,-	radio harness

2006 Nissan 350Z (Smart Key) - North America***What Fits***

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	3	left front door
Right Front Speaker	6.5	3	right front door
Left Rear Speaker	6.5	3	left rear panel
Right Rear Speaker	6.5	3	right rear panel

2006 Nissan 350Z (Smart Key) - North America***Additional Wiring Notes***

Item	Note
Factory Amp Turn-on	If equipped, the amplifier is on the driver side of the trunk.
Left Front Speaker (+/-)	Also white - black on some models.
Left Front Window (Up/Down)	Extended triggers on the power lock/unlock wires will also roll the windows up/down.
Left Rear Speaker (+/-)	Also brown - black/red on some models.
Right Front Speaker (+/-)	Also green - red on some models.
Right Rear Speaker (+/-)	Also blue - pink on some models.