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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Black (100A)	+	Dash Fuse Box, white 1 pin plug (3E), pin 1
Ground	(chassis ground)		
Ignition	Pink	+	Power Management ECU left of dash fuse box, gray 35 pin plug, pin 2
Second Ignition	Lt. Blue	+	Power Management ECU left of dash fuse box, gray 31 pin plug, pin 2
Accessory	Blue	+	Power Management ECU left of dash fuse box, gray 31 pin plug, pin 1
PTS 1	Violet	-	Power Start Stop Switch, white 10 pin plug, pin 5
PTS 2	Lt. Blue	-	Power Start Stop Switch, white 10 pin plug, pin 1
SLP	Pink	-	Steering Lock Actuator on steering column, black 7 pin plug, pin 4
CAN Bus High	Gray	Data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low	White	Data	OBD-Data Link Connector, white 16 pin plug, pin 14
CAN Bus High 2	Red	Data	Body ECU on dash fuse box, white 30 pin plug, pin 14
CAN Bus Low 2	White	Data	Body ECU on dash fuse box, white 30 pin plug, pin 13
OBD 12 Volts	Lt. Blue (7.5A)	+	OBD-Data Link Connector, white 16 pin plug, pin 16
OBD Ground	Pink	-	OBD-Data Link Connector, white 16 pin plug, pin 4
OBD Connector	White		Under Driver Dash, Next to Hood Release
RX DATA	Red (BRX)	Data	Body ECU on dash fuse box, white 30 pin plug, pin 26
TX DATA	Black (BTX)	Data	Body ECU on dash fuse box, white 30 pin plug, pin 25
IMMO Data	Tan (IMO)	Data	Power Management ECU left of dash fuse box, gray 31 pin plug, pin 20

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Item	Wire Color	Polarity	Wire Location
IMMO Data 2	Lt. Green (IMI)	Data	Power Management ECU left of dash fuse box, gray 31 pin plug, pin 21
IMMO Antenna	(inside power start stop switch)		
PKE Module 12 Volts	Tan (7.5A)	+	Certification ECU behind glove box, gray 16 pin plug, pin 5
PKE Module Ground	White/Black	-	Certification ECU behind glove box, black 16 pin plug, pin 1
Driver LF Antenna	Blue	RF	Driver Kick, white 14 pin plug (JG2), pin 9
Driver LF Antenna 2	Blue	RF	Certification ECU behind glove box, black 16 pin plug, pin 5
Driver Door Handle Lock	Lt. Green	-	Driver Kick, white 14 pin plug (JG2), pin 2
Driver Door Handle Lock 2	Lt. Green	-	Certification ECU behind glove box, gray 16 pin plug, pin 7
Driver Door Handle Unlock	Yellow	-	Driver Kick, white 14 pin plug (JG2), pin 10
Driver Door Handle Unlock 2	Tan	-	Certification ECU behind glove box, black 16 pin plug, pin 3
Passenger LF Antenna	Blue	RF	Passenger Kick, white 14 pin plug (HG2), pin 9
Passenger LF Antenna 2	Blue	RF	Certification ECU behind glove box, black 16 pin plug, pin 13
Passenger Door Handle Lock	Lt. Green	-	Passenger Kick, white 14 pin plug (HG2), pin 2
Passenger Door Handle Lock 2	Lt. Green	-	Certification ECU behind glove box, gray 16 pin plug, pin 8
Passenger Door Handle Unlock	Red	-	Passenger Kick, white 14 pin plug (HG2), pin 10
Passenger Door Handle Unlock 2	Red	-	Certification ECU behind glove box, black 16 pin plug, pin 2
Rear LF Antenna	White	RF	Passenger Kick, white 20 pin plug (MG1), pin 2
Rear LF Antenna 2	Violet	RF	Certification ECU behind glove box, black 24 pin plug, pin 2
Rear Handle Switch	Green	-	Driver Kick, white 20 pin plug (MG2), pin 16

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Item	Wire Color	Polarity	Wire Location
Rear Handle Switch 2	Blue	-	Certification ECU behind glove box, black 24 pin plug, pin 22
Security Light	Lt. Green	+	Instrument Cluster, white 40 pin plug, pin 13
Power Lock	Blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 9
Power Unlock	White	-	Body ECU on dash fuse box, white 30 pin plug, pin 10
Lock Motor	Yellow	Reverse	Driver Kick, white 20 pin plug, pin 7
Driver Unlock Motor	Blue	Reverse	Driver Kick, white 20 pin plug, pin 12
Passenger Unlock Motor	Lt. Green	Reverse	Dash Fuse Box, white 36 pin plug (3D), pin 7
Factory Alarm Arm	Lt. Blue (key lock)	-	Body ECU on dash fuse box, white 30 pin plug, pin 11
Factory Alarm Disarm	Green (key unlock)	Double -	Body ECU on dash fuse box, white 30 pin plug, pin 24
Disarm No Unlock	(proximity key and push button)		
Parking Lights	Green	+	Dash Fuse Box, white 36 pin plug (3D), pin 10
Parking Lights -	Lt. Blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 30
Hazards	Black	-	Hazard Switch, gray 4 pin plug, pin 4
Turn Signal (Left)	Yellow	+	Dash Fuse Box, white 36 pin plug (3D), pin 18
Turn Signal (Right)	Lt. Blue	+	Dash Fuse Box, white 36 pin plug (3D), pin 5
Headlight	Blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 29
AutoLights	Red	Cut	Body ECU on dash fuse box, white 30 pin plug, pin 28
Reverse Light	Brown	+	Dash Fuse Box, white 36 pin plug (3D), pin 28
Left Front Door Trigger	Red	-	Dash Fuse Box, white 36 pin plug (3D), pin 36
Right Front Door Trigger	Red	-	Body ECU on dash fuse box, white 30 pin plug, pin 19

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Item	Wire Color	Polarity	Wire Location
Left Rear Door Trigger	Blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 1
Right Rear Door Trigger	Green	-	Body ECU on dash fuse box, white 30 pin plug, pin 6
Dome Light	Black	-	Dash Fuse Box, rear, white 40 pin plug (3B), pin 6
Trunk/Hatch Pin	Black	-	Dash Fuse Box, white 36 pin plug (3D), pin 35
Trunk/Hatch Release	Green (rear handle switch)	-	Driver Kick, white 20 pin plug, pin 16
Trunk Release Motor	Yellow	Reverse	Dash Fuse Box, white 36 pin plug (3D), pin 9
Tachometer	(program engine checking off)		
Tachometer 2	Lt. Green	AC	OBD-Data Link Connector, white 16 pin plug, pin 9
Fuel Pump	Black	+	Above Driver Kick, white 18 pin plug, pin 18
Rear Defroster	Black	- Latched	High Behind Dash Fuse Box, gray 20 pin plug, pin 8
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	Lt. Green	+ Latched	Seat Heater Switch, black 8 pin plug, pin 6
Right Front Heated Seat	Blue	+ Latched	Seat Heater Switch, black 8 pin plug, pin 3
Speed Sense	Lt. Blue	AC	Radio, white 28 pin plug, pin 17
Brake Wire	Blue	+	Dash Fuse Box, white 36 pin plug (3D), pin 19
Parking Brake	Red	-	Dash Fuse Box, rear, white 56 pin plug (3A), pin 28
Horn Trigger	Lt. Green	-	Dash Fuse Box, white 40 pin plug (3C), pin 19
Wipers	Yellow (LO); Lt. Blue (HI)	+	Wiper Switch, white 10 pin plug, pin 3 (LO); pin 4 (HI)
Wipers Protection	Black (ignition)	Cut	Wiper Switch, white 10 pin plug, pin 2
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	White - Pink	A	Driver Kick, white 20 pin plug, pins 11 - 16

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Left Rear Window (Up/Down)	Violet - Blue	A	Driver Kick, white 14 pin plug, pins 7 - 13
Right Rear Window (Up/Down)	Violet - Green	A	Driver Kick, white 14 pin plug, pins 8 - 14
Sun Roof (Open/Close)	White - Pink (function with ignition on only)	-	Roof Console, white 12 pin plug, pins 1 - 2
Sun Roof (Limit/Close)	Green - Blue (up/down) (function with ignition on only)	-	Roof Console, white 12 pin plug, pins 7 - 8
Radio 12V	Black	+	Radio, white 10 pin plug, pin 4
Radio Ground	Brown	-	Radio, white 10 pin plug, pin 7
Radio Ignition	Red	+	Radio, white 10 pin plug, pin 3
Radio Illumination	Lt. Green (parking lights); White (dimmer)	+, -	Radio, white 10 pin plug, pin 10 (parking lights); white 6 pin plug, pin 5 (dimmer)
Left Front Speaker (+/-)	Pink - Violet	+, -	Radio, white 10 pin plug, pins 2 - 6
Right Front Speaker (+/-)	Lt. Green - Blue	+, -	Radio, white 10 pin plug, pins 1 - 5
Left Rear Speaker (+/-)	Black - Yellow	+, -	Radio, white 6 pin plug, pins 2 - 6
Right Rear Speaker (+/-)	Red - White	+, -	Radio, white 6 pin plug, pins 1 - 3
Aux. Audio Input Left (+/-)	Black - White	+, -	Radio, white 28 pin plug, pins 28 - 27
Aux. Audio Input Right (+/-)	Red - White	+, -	Radio, white 28 pin plug, pins 26 - 27
RSE Audio Left (+/-)	Black - Green (USB audio with navigation)	+, -	Radio, white 12 pin plug, pins 4 - 5
RSE Audio Right (+/-)	Red - White (USB audio with navigation)	+, -	Radio, white 12 pin plug, pins 2 - 3

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Item	Size	Depth	Location
Headunit	Irregular		Center of Dash
Left Front Speaker	6.3		Left Front Door
Left Front Tweeter	1.0		Left Front Door
Right Front Speaker	6.3		Right Front Door
Right Front Tweeter	1.0		Right Front Door
Left Rear Speaker	6.3		Left Rear Door
Right Rear Speaker	6.3		Right Rear Door