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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Yellow/Red (30A)	+	Junction Connector behind parking brake, black 43 pin plug, pin 3
Second 12 Volts	Lt. Blue/Red (10A)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 1
Ground	(chassis ground)		
Ground 2	Black	-	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 4
Starter Kill	Yellow/Gray	+	TIPM-Underhood Fuse Box, blue 26 pin plug (C2), pin 8
Ignition Sense	Pink/White	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 3
Data Bus	(INTERFACE MODULE IS REQUIRED FOR REMOTE START)		
CAN Bus High	White/Lt. Blue (CAN C)	Data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 5
CAN Bus Low	White/Brown (CAN C)	Data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 6
CAN Bus High 3	White/Gray (CAN IHS)	Data	Driver Kick, harness to rear
CAN Bus Low 3	White/Orange (CAN IHS)	Data	Driver Kick, harness to rear
CAN Bus High 4	White/Lt. Blue (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 4	White (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
OBD 12 Volts	Red (15A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black/Red	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Connector	Black		Under Driver Dash, Right of Hood Release
Power Lock	Violet/Dk. Green (base)	- 330 Ohms	Driver Kick, door harness
Power Unlock	(same as power lock)	- 100 Ohms	
Power Lock2	Lt. Green/White (premium)	- 330 Ohms	Passenger Door Lock-Window Switch, green 10 pin plug, pin 8

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Item	Wire Color	Polarity	Wire Location
Power Unlock2	(same as power lock 2)	- 100 Ohms	
Lock Motor	Tan/White	Reverse	Driver Kick, door harness
Driver Unlock Motor	Tan/Lt. Green	Reverse	Driver Kick, door harness
Passenger Unlock Motor	Tan/Brown	Reverse	Driver Kick, harness to rear
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(Sentry Key and ignition)		
Parking Lights	White/Violet	+	Driver Kick, harness to rear
Parking Lights -	White/Lt. Green (see Tech Doc 1082)	- 1130 or - 3300 Ohms	Headlight Switch, black 6 pin plug, pin 3
Parking Lights MUX	White/Lt. Green	MUX	Headlight Switch, black 6 pin plug, pin 3
Hazards	White/Dk. Blue	-	Hazard Switch, black 12 pin plug, pin 1
Turn Signal (Left)	White/Lt. Green (LF); White/Dk. Green (LR)	+	TIPM-Underhood Fuse Box, gray 16 pin plug (C4), pin 9 (LF); black 50 pin plug (C7), pin 49 (LR)
Turn Signal (Right)	White/Tan (RF); White/Yellow (RR)	+	TIPM-Underhood Fuse Box, gray 16 pin plug (C4), pin 7 (RF); black 50 pin plug (C7), pin 50 (RR)
Headlight	White/Lt. Green (relay isolate from switch)	- 660 Ohms	Headlight Switch, black 6 pin plug, pin 3
AutoLights	White/Lt. Green (relay isolate from switch)	- 2000 Ohms (Off)	Headlight Switch, black 6 pin plug, pin 3
Reverse Light	White/Lt. Green	+	Driver Kick, harness to rear
Left Front Door Trigger	Violet	-	Driver Kick, door harness
Right Front Door Trigger	Violet/White	-	Driver Kick, harness to rear
Left Rear Door Trigger	Violet/Gray	-	Driver Kick, harness to rear
Right Rear Door Trigger	Violet/Yellow	-	Driver Kick, harness to rear
Dome Light	Yellow/Violet	+	Passenger Front Pillar --or-- Instrument Cluster, black 10 pin plug, pin 2
Trunk/Hatch Pin	Violet	-	Driver Kick, harness to rear
Hood Pin	Violet/Lt. Blue	-	Hood Switch --or-- TIPM-Underhood Fuse Box, gray 16 pin plug (C4), pin 3

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Item	Wire Color	Polarity	Wire Location
Power Liftgate	Violet/Tan	- 4700 Ohms	Power Liftgate Switch -- or-- Power Liftgate Module in left rear quarter panel, gray 22 pin plug, pin 14
Power Sliding Door (Left)	Violet/Dk. Green (B pillar switch)	- Resistor	Driver Kick, harness to rear
Power Sliding Door (Right)	Violet/Yellow (B pillar switch)	- Resistor	Driver Kick, harness to rear
Tachometer	Dk. Blue/Brown	AC	Camshaft Position Sensor, engine driver side front, black 4 pin plug, pin 1
Fuel Pump	Dk. Blue/Orange	+	Driver Kick, harness to rear
Rear Defroster	Dk. Blue/White	+ Latched	Driver Kick, harness to rear
Mirror Defroster	Pink/Yellow (base models)	+ Latched	Driver Kick, door harness
Left Front Heated Seat	(CAN IHS)		
Right Front Heated Seat	(CAN IHS)		
Speed Sense	Dk. Green/Brown	AC	PCM on driver side of engine, white 96 pin plug, pin 34
Brake Wire	White/Dk. Green	+	Brake Switch, gray 6 pin plug, pin 6
Brake Wire 2	White/Dk. Green (alternate location)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 8
Parking Brake	Dk. Green/White	-	Parking Brake Switch, black 1 pin plug, pin 1
Horn Trigger	Gray/Lt. Blue (1); Gray/Yellow (2)	+	TIPM-Underhood Fuse Box, green 26 pin plug (C3), pin 24 (1); pin 18 (2)
Wipers	Brown/White (LO); Brown/Orange (HI)	+	TIPM-Underhood Fuse Box, brown 40 pin plug (C5), pin 12 (LO); pin 11 (HI)
Left Front Window (Up/Down)	Orange/Lt. Green - Orange/White	A	Driver Window Switch, 14 pin plug, pins 10 - 9 (base); Driver Door Module, red 5 pin plug, pins 4 - 5 (premium)
Right Front Window (Up/Down)	Orange/Tan - Orange/Gray (base); Orange/Brown - Orange/Violet (premium)	A	Driver Kick, door harness (base); Passenger Door Module, red 5 pin plug, pins 4 - 5 (premium)

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Item	Wire Color	Polarity	Wire Location
Left Rear Window (Up/Down)	Orange/White - Orange/Gray (base); Tan/Yellow - Tan/Lt. Blue (premium)	A	Driver Kick, door harness (base); Left Rear Door Module, gray 10 pin plug, pins 10 - 9 (premium)
Right Rear Window (Up/Down)	Orange/Lt. Blue - Orange/Dk. Blue (base); Orange/Brown - Orange/Violet (premium)	A	Driver Kick, door harness (base); Right Rear Door Module, gray 10 pin plug, pins 10 - 9 (premium)
Sun Roof (Open/Close)	Orange/Tan - Orange/Lt. Blue (function with ignition on only)	+	Sunroof Switch, black 4 pin plug, pins 4 - 3
Memory Seat 1	Violet/Brown	- Resistor	Memory Switch --or-- Driver Door Module, black 10 pin plug, pin 6
Memory Seat 2	(same as memory seat 1)	- Resistor	
Radio 12V	Yellow/Red	+	Radio, gray 22 pin plug, pin 1
Radio Ground	Black	-	Radio, gray 22 pin plug, pin 12
Radio Ignition	Dk. Blue/Pink	+	Cigar Lighter
Factory Amp Turn-on	(CAN IHS)		
Left Front Speaker (+/-)	Gray/Violet - Gray/Yellow	+,-	Radio, gray 22 pin plug, pins 21 - 22
Right Front Speaker (+/-)	Dk. Green/Violet - Dk. Green/Yellow	+,-	Radio, gray 22 pin plug, pins 19 - 20
Left Rear Speaker (+/-)	Dk. Green/Tan - Dk. Green/Gray	+,-	Radio, gray 22 pin plug, pins 8 - 9
Right Rear Speaker (+/-)	Dk. Green/Brown - Yellow/Gray	+,-	Radio, gray 22 pin plug, pins 10 - 11
Left Front Speaker - With Amp	Gray/Violet - Gray/Yellow	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 8 - 16
Right Front Speaker - With Amp	Dk. Green/Violet - Dk. Green/Yellow	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 7 - 15
Left Front Tweeter - With Amp	Gray/Orange - Gray/Yellow	+,-	Amplifier in left rear quarter panel, white 22 pin plug, pins 20 - 9
Right Front Tweeter - With Amp	Gray/Dk. Green - Gray/Lt. Green	+,-	Amplifier in left rear quarter panel, white 22 pin plug, pins 19 - 8
Left Rear Speaker - With Amp	Dk. Green/Tan - Dk. Green/Gray	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 13 - 5
Right Rear Speaker - With Amp	Dk. Green/Brown - Yellow/Gray	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 4 - 12
Left Rear Surround - With Amp	Dk. Green/Dk. Blue - Dk. Green/Tan	+,-	Amplifier in left rear quarter panel, white 22 pin plug, pins 10 - 21

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Item	Wire Color	Polarity	Wire Location
Right Rear Surround - With Amp	Gray/Dk. Blue - Gray/Tan	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 10 - 2
Center Channel - With Amp	Gray/Brown - Gray/Orange	+,-	Amplifier in left rear quarter panel, white 22 pin plug, pins 11 - 22
Subwoofer - With Amp	Gray/Brown - Dk. Green/Brown (coil 1); Gray/White - Dk. Green/White (coil 2)	+,-	Amplifier in left rear quarter panel, black 16 pin plug, pins 14 - 6 (coil 1); pins 3 - 11 (coil 2)
Aux. Audio Input Left (+/-)	Gray/Lt. Green - Gray/Dk. Green	+,-	Auxiliary AV Port, white 8 pin plug, pins 1 - 3
Aux. Audio Input Right (+/-)	Dk. Green/Lt. Blue - Gray/Dk. Green	+,-	Auxiliary AV Port, white 8 pin plug, pins 2 - 3
RSE Video (+/-)	Gray/Orange - Gray/Lt. Blue (1); Gray/Orange - Gray/Lt. Blue (2)	+,-	Radio, white 22 pin plug, pins 6 - 7 (1); pins 9 - 10 (2)
RSE Audio Left (+/-)	(see notes)		
RSE Audio Right (+/-)	(see RSE audio left)		

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What Fits

Item	Size	Depth	Location
Headunit	Double DIN		Center of Dash
Left Front Speaker	6 x 9		Left Front Door
Left Front Tweeter	2.5 or 3.5		Left Front Dash
Right Front Speaker	6 x 9		Right Front Door
Right Front Tweeter	2.5 or 3.5		Right Front Dash
Left Rear Speaker	6 x 9		Left Rear Quarter Panel
Left Rear Tweeter	2.5		Left Rear Pillar
Right Rear Speaker	6 x 9		Right Rear Quarter Panel
Right Rear Tweeter	2.5		Right Rear Pillar
Center Channel	3.5		Top Center of Dash
Subwoofer	8		Left Rear Quarter Panel

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Additional Wiring Notes

Item	Note
RSE Audio Left (+/-)	Audio 1: dk. green/tan (left), dk. green/white (right), gray/violet (common) at radio, white 22 pin plug, pins 18, 20, 19. Audio 2: dk. green/lt. blue (left), dk. green/dk. blue (right), gray/orange (common) at radio, white 22 pin plug, pins 21, 22, 12. Audio 3: dk. green/violet (left), dk. green/yellow (right), gray/lt. blue (common) at radio, white 22 pin plug, pins 13, 14, 1.