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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Blue/Red (common 20A)	+	Ignition Switch, gray 10 pin plug, pin 8
Second 12 Volts	Blue/Red or White/Violet (common 20A)	+	Ignition Switch, gray 10 pin plug, pin 9
Ground	(chassis ground)		
Starter	Blue/White	+	Ignition Switch, gray 10 pin plug, pin 10
Ignition	White/Orange	+	Ignition Switch, gray 10 pin plug, pin 1
Accessory	Brown/Yellow or Yellow/Orange	+	Ignition Switch, gray 10 pin plug, pin 7
Second Accessory	Violet/Green	+	Ignition Switch, gray 10 pin plug, pin 5
Keysense	Blue/Gray	+	Ignition Switch, gray 10 pin plug, pin 3
CAN Bus High	White/Blue (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	White (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Gray/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Violet/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
RX DATA	Violet/Gray	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	Yellow/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	blue/green	-	driver kick or SJB in passenger kick, gray 26 pin plug (C), pin 17
Power Unlock	yellow/violet	-	driver kick or SJB in passenger kick, gray 26 pin plug (C), pin 4
Lock Motor	gray/brown	5 wire	driver kick or SJB in passenger kick, black 32 pin plug (D), pin 6
Driver Unlock Motor	violet/gray	5 wire	driver kick or SJB in passenger kick, black 32 pin plug (D), pin 28

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Passenger Unlock Motor	brown/green	5 wire	SJB in passenger kick, black 32 pin plug (D), pin 27
Factory Alarm Arm	violet/green and yellow/green (driver door keypad)	both -	driver kick or SJB in passenger kick, gray 26 pin plug (C), pins 18, 6
Parking Lights	violet/white	+	SJB in passenger kick, gray 13 pin plug (E), pin 6
Parking Lights -	gray	-	headlight switch, gray 10 pin plug, pin 3
Parking Lights Interrupt	black/gray (see Tech Doc 1096)	cut	headlight switch, gray 10 pin plug, pin 1
Hazards	brown/yellow	-	hazard switch or SJB in passenger kick, black 52 pin plug (B), pin 48
Turn Signal (Left)	blue/green (F); gray/brown (R)	+	SJB, black 26 pin plug (F), pin 21; black 32 pin plug (D), pin 25
Turn Signal (Right)	yellow/violet (F); violet/orange (R)	+	SJB, black 26 pin plug (F), pin 23; black 32 pin plug (D), pin 26
Headlight	yellow/blue (headlight); black/gray (switch ground)	- and cut	headlight switch, gray 10 pin plug, pins 8, 1
AutoLights	violet/green	cut	headlight switch, gray 10 pin plug, pin 9
Reverse Light	green/brown	+	under steering column, left black 59 pin plug, pin 41 --or-- reversing light relay in battery junction box under hood
Left Front Door Trigger	green/violet	- N.C.	driver kick or SJB in passenger kick, gray 26 pin plug (C), pin 14
Right Front Door Trigger	white	- N.C.	SJB in passenger kick, gray 26 pin plug (C), pin 2
Left Rear Door Trigger	green	- N.C.	SJB in passenger kick, gray 26 pin plug (C), pin 3
Right Rear Door Trigger	yellow	- N.C.	SJB in passenger kick, gray 26 pin plug (C), pin 15
Dome Light	yellow/gray (dome lamp); pur (running board lamp)	+	SJB, gray 14 pin plug (A), pin 9; gray 26 pin plug (C), pin 12
Tachometer	blue	ac	Customer Access Harness behind data link connector
Wait to Start	(program wait to start timer or see Tech Doc 1091)		
Clutch Pedal	blue/orange (gas); green/white (diesel)	-	clutch pedal switch, gray 6 pin plug, pin 5

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Fuel Pump	violet/white	+	fuel shutoff sw abv pass kick, gy 3 pin plg, pin 1
Mirror Defroster	white/orange	- latched	HVAC Control Mod, black 26 pin plg, pin 3 or blu 26 pin plg, pin 23
Left Front Heated Seat	white/blue	- latched	HVAC Control Mod, black 26 pin plg, pin 1 or blue 26 pin plg, pin 6
Right Front Heated Seat	gray/yellow	- latched	HVAC Control Mod, black 26 pin plg, pin 5 or blue 26 pin plg, pin 3
Speed Sense	violet/orange	ac	Customer Access Harness behind data link connector
Brake Wire	violet/white	+	brake switch or SJB in passenger kick, black 52 pin plug (B), pin 40
Parking Brake	white/violet	-	park brake sw or SJB in passenger kick, gray 26 pin plug (C), pin 1
Horn Trigger	yellow/red	-	horn switch or SJB in passenger kick, black 52 pin plug (B), pin 41
Wipers	blue/orange (LO); violet/org (HI); blk/gry (grnd)	-	wiper switch, black 16 pin plug, pins 16, 9, 15
Left Front Window (Up/Down)	blue/gray - yellow/violet	A	master window switch, blue 8 pin plug, pins 5 - 1
Right Front Window (Up/Down)	brown/yellow - green/orange	A	driver kick, door harness
Left Rear Window (Up/Down)	blue/orange - yellow	A	driver kick, door harness
Right Rear Window (Up/Down)	gray/violet - brown/green	A	driver kick, door harness
Sun Roof (Open/Close)	violet/brown - yellow/orange (funct w/ign on only)	-	sun roof switch, green 8 pin plug, pins 6 - 2
Memory Seat 1	violet/white	-	driver kick, door harness
Memory Seat 2	yellow	-	driver kick, door harness
Radio 12V	white/red	+	radio, gray 24 pin plug, pin 1
Radio Ground	black/blue	-	radio, gray 24 pin plug, pin 13
Radio Ignition	blue	+	radio, gray 24 pin plug, pin 2
Radio Illumination	violet/gray (dimmer)	+	radio, gray 24 pin plug, pin 3
Factory Amp Turn-on	violet/red (subwoofer amp)	+	radio, gray 8 pin plug, pin 4

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Left Front Speaker (+/-)	white - white/brown	+,-	radio, gray 24 pin plug, pins 8 - 21
Right Front Speaker (+/-)	white/violet - white/orange	+,-	radio, gray 24 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	white/green - brown/yellow	+,-	radio, gray 24 pin plug, pins 9 - 22
Right Rear Speaker (+/-)	brown/white - brown/blue	+,-	radio, gray 24 pin plug, pins 10 - 23
Subwoofer (+/-)	violet/green - green/white	+,-	radio, gray 8 pin plug, pins 1 - 2
Aux. Audio Input Left (+/-)	blue - yellow/green	+,-	radio, gray 16 pin plug, pins 7 - 8
Aux. Audio Input Right (+/-)	blue/green - white/green	+,-	radio, gray 16 pin plug, pins 6 - 14
RSE Audio Left (+/-)	green - gray	+,-	radio, gray 16 pin plug, pins 1 - 2
RSE Audio Right (+/-)	violet - yellow	+,-	radio, gray 16 pin plug, pins 9 - 10
Satellite Radio 12 Volts	violet/red	+	Sat Radio under driv dash, black 12 pin plg, pin 9
Satellite Radio Ground	black/blue	-	Sat Radio under driv dash, black 12 pin plg, pin 3
Satellite Radio Ignition	(CAN BUS)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	green - gray	+,-	Satellite Radio, black 12 pin plug, pins 5 - 11
Satellite Audio Right (+/-)	violet - yellow	+,-	Satellite Radio, black 12 pin plug, pins 6 - 12



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What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6 x 8		left front door
Left Front Tweeter			left front door
Right Front Speaker	6 x 8		right front door
Right Front Tweeter			right front door
Left Rear Speaker	6 x 8		left rear door or side panel
Left Rear Tweeter			left rear door
Right Rear Speaker	6 x 8		right rear door or side panel
Right Rear Tweeter			right rear door
Subwoofer	8		under rear seat
Satellite Radio Tuner			under driver dash



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Additional Wiring Notes

Item	Note
Brake Wire	It is also under the steering column, right black 59 pin plug, pin 18.
Right Rear Window (Up/Down)	The rear power sliding window open - close are yellow/orange - purple/brown (5 wire) at the switch on the dash, gray 6 pin plug, pins 2 - 5 or in the passenger kick, harness to rear.