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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (40A)	+	above driver kick, green 43 pin plug, pin 4
Second 12 Volts	red (10A)	+	Sentry Key Module on ignition switch, black 8 pin plug, pin 5
Ground	(chassis ground)		
Starter	yellow/violet (for starter kill only)	+	driver fender, black 20 pin plug, pin 12 (I-4); black 14 pin plug, pin 6 (V6)
Second Starter	violet/brown (see Tech Doc 1084)	- 180 ohms	ignition switch, black 5 pin plug, pin 2
Ignition	pink	+	Sentry Key Module on ignition switch, black 8 pin plug, pin 3
Accessory	same as second starter	- 610 ohms	
MUX Ignition	violet/brown	MUX	Sentry Key Module on ignition switch, black 8 pin plug, pin 1
Keysense	same as second starter	-8500 ohms	
CAN Bus High	white/orange (CAN B BUS)	data	Sentry Key Module on ignition switch, black 8 pin plug, pin 6
CAN Bus Low	white (CAN B BUS)	data	Sentry Key Module on ignition switch, black 8 pin plug, pin 7
CAN Bus High 2	white/lt. blue (Diagnostic CAN C)	data	OBD-data link connector, black 16 pin plug, pin 6
CAN Bus Low 2	white/dk. blue (Diagnostic CAN C)	data	OBD-data link connector, black 16 pin plug, pin 14
Power Lock	lt. green/violet	- 330 ohms	under driver dash, lt. gray 43 pin plug, pin 28
Power Unlock	same as power lock	- 100 ohms	
Lock Motor	tan/dk. blue	5 wire	under driver dash, lt. gray 43 pin plug, pin 31
Driver Unlock Motor	tan/dk. green	5 wire	under driver dash, lt. gray 43 pin plug, pin 22
Passenger Unlock Motor	tan/white	5 wire	under driver dash, lt. gray 43 pin plug, pin 29
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	see disarm no unlock		
Disarm No Unlock	Sentry Key, ignition, and keysense		
Parking Lights	white/violet	+	driver kick, harness to rear
Parking Lights -	(LIN BUS)		
Hazards	(LIN BUS)		

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	white/lt. green (F); white/dk. green (R)	+	turn signal light (F); above driver kick, green 43 pin plug, pin 18 (R)
Turn Signal (Right)	white/tan (F); white/yellow (R)	+	turn signal light (F); above driver kick, green 43 pin plug, pin 9 (R)
Headlight	white/dk. blue (L), white/tan (R)	+	headlights
AutoLights	(LIN BUS)		
Reverse Light	white/lt. green	+	above driver kick, green 43 pin plug, pin 30
Left Front Door Trigger	violet	-	under driver dash, lt. gray 43 pin plug, pin 14
Right Front Door Trigger	violet/white	-	under driver dash, lt. gray 43 pin plug, pin 13
Left Rear Door Trigger	violet/gray	-	under driver dash, lt. gray 43 pin plug, pin 15
Right Rear Door Trigger	violet/yellow	-	under driver dash, lt. gray 43 pin plug, pin 12
Dome Light	yellow/white	+	under driver dash, lt. gray 43 pin plug, pin 7
Trunk/Hatch Pin	violet/orange	-	under driver dash, lt. gray 43 pin plug, pin 37
Hood Pin	violet/lt. blue	-	hood switch, black 2 pin plug, pin 1
Trunk/Hatch Release	lt. green/white	-	release switch, black 2 pin plug, pin 2
Trunk Release Motor	tan/yellow	5 wire	under driver dash, lt. gray 43 pin plug, pin 36
Tachometer	NOT brown/yellow	ac	any fuel injector
Clutch Pedal	black (in), yellow/dk. blue (out)	- N.O.	clutch switch, black 3 pin plug, pins 2 and 3
Fuel Pump	dk. blue/orange	+	above driver kick, green 43 pin plug, pin 7
Rear Defroster	lt. blue/orange	5 wire	above driver kick, green 43 pin plug, pin 3
Mirror Defroster	dk. blue/gray	5 wire	above driver kick, green 43 pin plug, pin 19
Left Front Heated Seat	(LIN BUS)		
Right Front Heated Seat	(LIN BUS)		
Speed Sense	dk. green/brown	ac	PCM, 96 pin plug, pin 89 (I-4); black/green plug, pin 32 (V6)
Brake Wire	dk. green/white	+	above driver kick, green 43 pin plug, pin 31

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Item	Wire Color	Polarity	Wire Location
Parking Brake	dk. green/white	-	under driver dash, lt. gray 43 pin plug, pin 38
Horn Trigger	dk. green/violet	-	horn switch, white 6 pin plug, pin 3
Wipers	brown/white (L), brown/orange (H)	+	wiper motor, black 4 pin plug, pins 2 and 1
Left Front Window (Up/Down)	orange/lt. green - orange/white	A	driver window switch, lt. gray 8 pin plug, pins 7 and 6
Right Front Window (Up/Down)	orange/tan - orange/yellow	A	driver kick, door harness
Left Rear Window (Up/Down)	orange/white - orange/gray	A	driver kick, door harness
Right Rear Window (Up/Down)	orange/lt. green - orange/dk. blue	A	driver kick, door harness
Sun Roof (Open/Close)	org/tan - org/lt. blue (function with ign on only)	+	sunroof switch, black 4 pin plug, pins 3 and 4
Radio 12V	red/brown	+	radio, gray 22 pin plug, pin 1
Radio Ground	black	-	radio, gray 22 pin plug, pin 12
Radio Ignition	(CAN B BUS)		
Radio Illumination	(CAN B BUS)		
Factory Amp Turn-on	(CAN B BUS)		
Power Antenna	gray/orange	+	radio, gray 22 pin plug, pin 7
Left Front Speaker (+/-)	gray/violet - gray/yellow	+,-	radio, gray 22 pin plug, pins 21 and 22
Right Front Speaker (+/-)	dk. green/violet - gray/lt. green	+,-	radio, gray 22 pin plug, pins 19 and 20
Left Rear Speaker (+/-)	dk. green/tan - dk. green/gray	+,-	radio, gray 22 pin plug, pins 8 and 9
Right Rear Speaker (+/-)	dk. green/brown - yellow/gray	+,-	radio, gray 22 pin plug, pins 10 and 11
RSE Video (+/-)	gry/lt blu - gry/org (1); gry/lt blu - gry/org (2)	+,-	radio, white 22 pin plug, pins 6 and 7; 9 and 10
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			left front dash
Right Front Speaker	6 x 9		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	6 x 9		left rear deck
Right Rear Speaker	6 x 9		right rear deck
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	If equipped, the amplifier is behind the glove box. On vehicles with amplifier, the door speaker wires are gray/purple - gray/yellow at the amplifier, white 14 pin plug, pins 1 and 7. The dash speaker wires are gray/orange - gray/yellow at the amplifier, white 20 pin plug, pins 1 and 10.
Left Front Window (Up/Down)	On the vehicles with one-touch UP power windows, you have to go into the driver door and use orange/lt. blue - orange/dk. blue at the motor.
Left Rear Speaker (+/-)	If equipped, the amplifier is behind the glove box. On vehicles with amplifier, the speaker wires are dk. green/tan - dk. green/gray at the amplifier, white 14 pin plug, pins 3 and 9.
Right Front Speaker (+/-)	If equipped, the amplifier is behind the glove box. On vehicles with amplifier, the door speaker wires are dk. green/purple - dk. green/yellow at the amplifier, white 14 pin plug, pins 2 and 8. The dash speaker wires are gray/dk. green - gray/lt. green at the amplifier, white 20 pin plug, pins 2 and 11.
Right Front Window (Up/Down)	On the vehicles with one-touch UP power windows, you have to go into the passenger door and use dk. blue/orange - lt. green/orange at the motor.
Right Rear Speaker (+/-)	If equipped, the amplifier is behind the glove box. On vehicles with amplifier, the speaker wires are dk. green/brown - yellow/gray at the amplifier, white 14 pin plug, pins 4 and 12.
RSE Audio Left (+/-)	Audio 1: dk. green/tan (left), dk. green/white (right), gray/tan (common) at radio, white 22 pin plug, pins 18, 20, and 19. Audio 2: dk. green/lt. blue (left), dk. green/dk. blue (right), gray/dk. green (common) at radio, white 22 pin plug, pins 21, 22, and 12. Audio 3: dk. green/purple (left), dk. green/yellow (right), gray/purple (common) at radio, white 22 pin plug, pins 13, 14, and 1.
Speed Sense	The PCM (Powertrain Control Module) is in the driver side rear corner of the engine compartment. On manual transmission vehicles, use dk. blue/orange at the PCM, 58 pin plug, pin 38.