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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	green (40A)	+	ignition switch, white 6 pin plug, pin 3
Ground	(chassis ground)		
Starter	brown	+	ignition switch, white 6 pin plug, pin 2
Second Starter	lt. green	+	ignition switch, white 6 pin plug, pin 6
Ignition	black/red	+	ignition switch, white 6 pin plug, pin 1
Accessory	red	+	ignition switch, white 6 pin plug, pin 4
Second Accessory	violet	+	ignition switch, white 6 pin plug, pin 5
Keysense	black/red	+	key switch, white 4 pin plug, pin 4
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 right of steering column, white 40 pin plug, pin 39
CAN Bus Low 2	pink	data	BCM right of steering column, white 40 pin plug, pin 40
IMMO Data	brown	data	NATS Antenna Amp on ignition switch, white 4 pin plug, pin 4
IMMO Data 2	brown	data	BCM right of steering column, white 40 pin plug, pin 25
IMMO Clock	green	data	NATS Antenna Amp on ignition switch, white 4 pin plug, pin 2
IMMO Clock 2	green	data	BCM right of steering column, white 40 pin plug, pin 21
Security Light	green/orange	-	BCM right of steering column, white 40 pin plug, pin 23
Door Lock Data	white/violet (power window switch communication)	data	BCM right of steering column, white 40 pin plug, pin 22
Power Lock	(use factory alarm arm)		
Power Unlock	(use factory alarm disarm)		



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Item	Wire Color	Polarity	Wire Location
Lock Motor	violet	5 wire	driver kick or BCM right of steering column, black 15 pin plug, pin 10
Driver Unlock Motor	green	5 wire	driver kick or BCM right of steering column, black 15 pin plug, pin 4
Passenger Unlock Motor	green/yellow	5 wire	driver kick or BCM right of steering column, black 15 pin plug, pin 11
Factory Alarm Arm	(insert pin)	-	BCM right of steering column, white 40 pin plug, pin 8
Factory Alarm Disarm	(insert pin)	-	BCM right of steering column, white 40 pin plug, pin 7
Factory Alarm Arm2	blue (driver door key lock) (use this if not inserting pin to BCM)	-	power window main switch, white 16 pin plug, pin 4
Factory Alarm Disarm2	red (driver door key unlock) (use this if not inserting pin to BCM)	double -	power window main switch, white 16 pin plug, pin 6
Parking Lights	red/blue	+	driver kick, white 24 pin plug, pin 12
Hazards	white/black	-	BCM right of steering column, white 40 pin plug, pin 29
Turn Signal (Left)	green/black	+	BCM right of steering column, black 15 pin plug, pin 5
Turn Signal (Right)	green/yellow	+	BCM right of steering column, black 15 pin plug, pin 6
Headlight	blue (L); red/yellow (R)	+	headlights or underhood fuse box, brown 8 pin plug, pins 4, 6
AutoLights	red/yellow	-	BCM right of steering column, white 40 pin plug, pin 33
Reverse Light	green/white	+	passenger kick, white 8 pin plug, pin 4
Left Front Door Trigger	lt. blue	-	BCM right of steering column, white 15 pin plug, pin 7
Right Front Door Trigger	red/blue	-	BCM right of steering column, white 40 pin plug, pin 12
Left Rear Door Trigger	red/yellow	-	BCM right of steering column, white 15 pin plug, pin 8

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Item	Wire Color	Polarity	Wire Location
Right Rear Door Trigger	gray	-	BCM right of steering column, white 40 pin plug, pin 13
Dome Light	blue (dome lamps); red/white (step lamps)	-	BCM right of steering column, black 15 pin plug, pins 8, 7
Trunk/Hatch Pin	red/black	-	BCM right of steering column, white 15 pin plug, pin 3
Rear Glass Pin	gray	-	BCM right of steering column, white 15 pin plug, pin 2
Hood Pin	yellow/black	-	hood switch or underhood fuse box, white 12 pin plug, pin 5
Trunk/Hatch Release	yellow/brown (glass hatch) (rear handle switch); blue/white (power liftgate)	-	BCM right of steering column, white 40 pin plug, pin 30; power liftgate switch, gray 6 pin plug, pin 1
Trunk Release Motor	blue/white (glass hatch)	5 wire	BCM right of steering column, white 15 pin plug, pin 13
Tachometer	NOT white	ac	any fuel injector
Fuel Pump	black/yellow	+	underhood fuse box, white 16 pin plug, pin 11
Rear Defroster	yellow/black	-	BCM right of steering column, white 40 pin plug, pin 9
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	gray	5 wire	left front heated seat switch, brown 6 pin plug, pin 2
Right Front Heated Seat	gray/blue	5 wire	right front heated seat switch, brown 6 pin plug, pin 2
Speed Sense	white/red	8-Pulse	display control unit behind display, white 24 pin plug, pin 16
Brake Wire	red/black	+	driver kick, white 24 pin plug, pin 13
Parking Brake	green	-	parking brake switch, black 1 pin plug, pin 1
Horn Trigger	red/white	-	horn switch, gray 8 pin plug, pin 2
Wipers	blue (LO); blue/black (HI)	+	wiper motor or underhood fuse box, brown 12 pin plug, pins 8, 11

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Item	Wire Color	Polarity	Wire Location
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Left Rear Window (Up/Down)	orange - brown	A	left rear power window motor, gray 6 pin plug, pins 2 - 1
Right Rear Window (Up/Down)	orange - brown	A	right rear power window motor, gray 6 pin plug, pins 2 - 1
Sun Roof (Open/Close)	pink - pink/white (function with ignition on only)	-	sunroof switch, gray 6 pin plug, pins 3 - 1
Memory Seat 1	lt. green/black	-	driver kick, brown 24 pin plug, pin 5
Memory Seat 2	pink/blue	-	driver kick, brown 24 pin plug, pin 1
Radio 12V	yellow	+	radio harness
Radio Ground	(chassis)		
Radio Ignition	violet	+	radio harness
Radio Illumination	red/blue	+	radio harness
Factory Amp Turn-on	green/white	+	radio harness
Power Antenna	green/white	+	radio harness
Left Front Speaker (+/-)	blue/white - blue/red	+,-	radio harness or amplifier to right of steering column
Right Front Speaker (+/-)	white/black - blue/black	+,-	radio harness or amplifier to right of steering column
Left Rear Speaker (+/-)	lt. blue - black/yellow	+,-	radio harness or amplifier to right of steering column
Right Rear Speaker (+/-)	orange/blue - red/blue	+,-	radio harness or amplifier to right of steering column

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What Fits

Item	Size	Depth	Location
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Additional Wiring Notes

Item	Note
Right Rear Window (Up/Down)	The rear power vent windows open/close wires are red (5 wire) - brown (5 wire) at the relays under the driver dash, to the left of the steering column.