



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	White (10A)	+	BCM behind dash fuse box, tan 28 pin plug, pin 27
Second 12 Volts	White (30A)	+	Dash Fuse Box, green 27 pin plug, pin 1
Ground	(chassis ground)		
Starter	Yellow	+	BCM behind dash fuse box, gray 36 pin plug, pin 6
Ignition	Gray	+	BCM behind dash fuse box, gray 36 pin plug, pin 2
Accessory	Gray	+	BCM behind dash fuse box, black 32 pin plug, pin 32
Second Accessory	Green	+	BCM behind dash fuse box, black 32 pin plug, pin 16
Ignition Interrupt	Gray	Cut	BCM behind dash fuse box, gray 36 pin plug, pin 2
Ignition Interrupt 3	Yellow	Cut	BCM behind dash fuse box, black 32 pin plug, pin 10
Ignition Interrupt 4	Red	Cut	BCM behind dash fuse box, black 32 pin plug, pin 27
PTS 1	Black	-	BCM behind dash fuse box, black 32 pin plug, pin 9
CAN Bus High	Yellow (F-CAN)	Data	BCM behind dash fuse box, blue 36 pin plug, pin 22
CAN Bus Low	Blue (F-CAN)	Data	BCM behind dash fuse box, blue 36 pin plug, pin 23
CAN Bus High 2	Pink (B-CAN)	Data	BCM behind dash fuse box, blue 36 pin plug, pin 20
CAN Bus Low 2	Blue (B-CAN)	Data	BCM behind dash fuse box, blue 36 pin plug, pin 21
CAN Bus High 3	Yellow (DIAG-CAN)	Data	OBD Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low 3	Green (DIAG-CAN)	Data	OBD Data Link Connector, white 16 pin plug, pin 14

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OBD 12 Volts	White (10A)	+	OBD Data Link Connector, white 16 pin plug, pin 16
OBD Ground	Violet	-	OBD Data Link Connector, white 16 pin plug, pin 4
OBD Connector	White		Under Driver Dash, Right of Dash Fuse Box
IMMO Data	Lt. Green (S-NET)	Data	BCM behind dash fuse box, gray 40 pin plug, pin 35
K Line	Lt. Blue	Data	OBD Data Link Connector, white 16 pin plug, pin 7
Power Lock	(use factory alarm arm and lock detection)		
Power Unlock	(use factory alarm disarm and unlock detection)		
Power Lock2	Blue (if needed)	-	BCM behind dash fuse box, blue 36 pin plug, pin 27
Power Unlock2	Pink (passenger doors) (if needed)	-	BCM behind dash fuse box, blue 36 pin plug, pin 32
Power Unlock - Driver Door	Green (if needed)	-	BCM behind dash fuse box, blue 36 pin plug, pin 31
Lock Motor	Pink	Reverse	Driver Kick, door harness
Driver Unlock Motor	Blue	Reverse	Driver Kick, door harness
Passenger Unlock Motor	White	Reverse	Dash Fuse Box, 22 pin plug, pin 16
Factory Alarm Arm	Violet	-	Power Window Master Switch, 37 pin plug, pin 3
Factory Alarm Disarm	Red	Double -	Power Window Master Switch, 37 pin plug, pin 4
Lock Detection	Blue	-	Power Window Master Switch, 37 pin plug, pin 18
Unlock Detection	Lt. Blue	Double -	Power Window Master Switch, 37 pin plug, pin 17
Parking Lights	Violet (L); Red (R)	+	Driver Kick, harness to rear
Parking Lights -	Gray	-	BCM behind dash fuse box, tan 28 pin plug, pin 11
Hazards	Green	-	BCM behind dash fuse box, tan 28 pin plug, pin 2

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	Blue (LF); Lt. Blue (LR)	+	BCM behind dash fuse box, blue 36 pin plug, pin 18 (LF); pin 17 (LR)
Turn Signal (Right)	Brown (RF); Lt. Green (RR)	+	BCM behind dash fuse box, blue 36 pin plug, pin 35 (RF); pin 34 (RR)
Headlight	Pink	-	BCM behind dash fuse box, tan 28 pin plug, pin 9
AutoLights	Pink	- (Off)	BCM behind dash fuse box, tan 28 pin plug, pin 10
Reverse Light	Lt. Green	+	Dash Fuse Box, 22 pin plug, pin 11
Reverse Light 2	White (alternate location) (with 7-inch display)	+	Radio, 32 pin plug, pin 15
Left Front Door Trigger	Green	-	BCM behind dash fuse box, gray 40 pin plug, pin 22
Right Front Door Trigger	Lt. Green	-	BCM behind dash fuse box, gray 40 pin plug, pin 23
Left Rear Door Trigger	Brown	-	BCM behind dash fuse box, gray 40 pin plug, pin 24
Right Rear Door Trigger	Gray	-	BCM behind dash fuse box, gray 40 pin plug, pin 28
Dome Light	White	-	BCM behind dash fuse box, white 14 pin plug, pin 13
Trunk/Hatch Pin	White	-	BCM behind dash fuse box, gray 40 pin plug, pin 27
Hood Pin	Red (at hood switch); Blue (at RCM)	- N.C.	Hood Switch, 2 pin plug, pin 1 --or-- Relay Control Module on underhood fuse box, 6 pin plug, pin 5
Power Liftgate	Lt. Blue and Yellow	Connect With Relay	Driver Power Liftgate Switch, 4 pin plug, pins 3, 4 or 12 pin plug, pins 5, 4
Trunk/Hatch Release	Pink (rear handle switch)	-	BCM behind dash fuse box, tan 28 pin plug, pin 4
Trunk Release Motor	Green (w/o power liftgate)	Reverse	Dash Fuse box, 22 pin plug, pin 8
Tachometer	(program engine checking off)		
Tachometer 2	Yellow (if needed)	AC	Camshaft Position Sensor, engine driver side front, 3 pin plug, pin 3

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Item	Wire Color	Polarity	Wire Location
Fuel Pump	Blue	+	Dash Fuse Box, green 27 pin plug, pin 11
Rear Defroster	Red	+ Latched	Driver Kick, harness to rear
Mirror Defroster	(B-CAN)		
Left Front Heated Seat	(B-CAN)		
Right Front Heated Seat	(B-CAN)		
Heated Steering Wheel	(inside steering wheel)		
Speed Sense	Blue (with 7-inch display)	AC	Radio, 24 pin plug, pin 21
Brake Wire	Green	+	BCM behind dash fuse box, tan 28 pin plug, pin 25
Brake Wire 2	Pink (alternate location)	+	Brake Switch, 4 pin plug, pin 1
Parking Brake	Brown (EPB)	-	BCM behind dash fuse box, black 32 pin plug, pin 23
Horn Trigger	Red	-	Horn Switch-Clock Spring, 20 pin plug, pin 10
Wipers	Violet (INT/LO); White (HI/LO)	-	BCM behind dash fuse box, gray 40 pin plug, pin 2 (INT/LO); pin 3 (HI/LO)
Wipers Protection	Brown (Ground)	Cut	BCM behind dash fuse box, gray 40 pin plug, pin 9
All Windows Up-Down	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	(use factory alarm arm/disarm)		
Memory Seat 1	Gray	-	Power Window Master Switch, 37 pin plug, pin 1
Memory Seat 2	Red	-	Power Window Master Switch, 37 pin plug, pin 2
Radio 12V	Brown	+	Radio, 24 pin plug, pin 13
Radio Ground	Black	-	Radio, 24 pin plug, pin 1
Radio Ignition	Red	+	Radio, 24 pin plug, pin 22
Factory Amp Turn-on	Green (Amp or ANC) (amp audio is S/PDIF)	+	Radio, 24 pin plug, pin 20
Power Antenna	(no wire color listed in service manual)	+	Radio, 3 pin plug, pin 1 (5-inch display); Tuner Unit in right rear quarter panel, 5 pin plug, pin 1 (7-inch display)

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Item	Wire Color	Polarity	Wire Location
Left Front Speaker (+/-)	Pink - Blue	+,-	Radio, 24 pin plug, pins 14 - 15
Right Front Speaker (+/-)	Red - Blue	+,-	Radio, 24 pin plug, pins 16 - 17
Left Rear Speaker (+/-)	Blue - White	+,-	Radio, 24 pin plug, pins 2 - 3
Right Rear Speaker (+/-)	Yellow - Brown	+,-	Radio, 24 pin plug, pins 4 - 5
Left Front Speaker - With Amp	Pink - Blue	+,-	Amplifier behind shifter, 18 pin plug, pins 2 - 3
Right Front Speaker - With Amp	Red - Blue	+,-	Amplifier behind shifter, 18 pin plug, pins 12 - 11
Left Front Tweeter - With Amp	Yellow - Red	+,-	Amplifier behind shifter, 18 pin plug, pins 13 - 14
Right Front Tweeter - With Amp	Blue - White	+,-	Amplifier behind shifter, 18 pin plug, pins 15 - 16
Left Rear Speaker - With Amp	Blue - White	+,-	Amplifier behind shifter, 18 pin plug, pins 7 - 6
Right Rear Speaker - With Amp	Yellow - Brown	+,-	Amplifier behind shifter, 18 pin plug, pins 5 - 4
Subwoofer - With Amp	Red - Black	+,-	Amplifier behind shifter, 18 pin plug, pins 9 - 18
Rearview Camera Video	Green - White	+,-	Radio, 32 pin plug, pins 29 - 30

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What Fits

Item	Size	Depth	Location
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