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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Gray (35A)	+	VEBCM above driver kick, right black-white 73 pin plug, pin 1
Second 12 Volts	Red/Yellow (20A)	+	Comfort System Module in trunk left side, brown 17 pin plug, pin 16
Ground	(chassis ground)		
Ground 2	Brown	-	Comfort System Module in trunk left side, brown 17 pin plug, pin 15
Starter Kill	Red/Black	+	Engine Compartment, passenger side rear, black 2 pin plug, pin 1
Ignition	Black/Violet	+	VEBCM above driver kick, middle black 73 pin plug, pin 19
PTS 1	Brown/Red	-	Start Stop Button in center console, black 6 pin plug, pin 3
PTS 2	Yellow/Green	-	Start Stop Button in center console, black 6 pin plug, pin 6
PTS 3	White/Red	-	Start Stop Button in center console, black 6 pin plug, pin 5
PTS 4	Brown/Red (PTS 1 alternate)	-	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 25
PTS 5	Yellow/Green (PTS 2 alternate)	-	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 26
PTS 6	White/Red (PTS 3 alternate)	-	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 10
CAN Bus High	Red	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Orange/Brown	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Green	Data	Driver Kick, door harness --or-- VEBCM above driver kick, right black-white 73 pin plug, pin 40
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness --or-- VEBCM above driver kick, right black-white 73 pin plug, pin 41



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Item	Wire Color	Polarity	Wire Location
CAN Bus High 3	Green	Data	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 2
CAN Bus Low 3	Orange/Brown	Data	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 1
OBD 12 Volts	Red (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Yellow	+	OBD-Data Link Connector, black 16 pin plug, pin 1
OBD Connector	Violet-Black		Under Driver Dash, Above Driver Kick
IMMO Antenna	Yellow	RF	Immobilizer Antenna in center console, behind shifter, black 2 pin plug, pin 2
IMMO Antenna 2	Yellow (alternate location)	RF	Comfort System Module in trunk left side, black 20 pin plug, pin 1
Power Lock	Violet/Red	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Power Unlock	(same as power lock)	-	
Lock Motor	Blue/Brown	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Brown/Violet or Brown/Green	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Green	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Violet/Yellow (key lock)	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	-	
Parking Lights	(CAN, LF-RF); Green/Black or White/Gray (LR); Black/Green or Green (RR)	+	Comfort System Module in trunk left side, brown 17 pin plug, pin 14 (LR); black 17 pin plug, pin 5 (RR)
Parking Lights -	(LIN)		
Hazards	Red	-	VESCM above driver kick, left black 54 pin plug, pin 31
Turn Signal (Left)	(CAN, LF); Blue/Black or Green/Black (LR)	+	Comfort System Module in trunk left side, brown 17 pin plug, pin 2 (LR)

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Right)	(CAN, RF); Black/Blue or Black/Green (RR)	+	Comfort System Module in trunk left side, black 17 pin plug, pin 1 (RR)
Headlight	Yellow/Black (L); Yellow/Red (R)	+	VEBCM above driver kick, middle black 73 pin plug, pin 64 (L); right black-white 73 pin plug, pin 64 (R)
AutoLights	(LIN)		
Reverse Light	Black/Gray or Green/Black	+	Comfort System Module in trunk left side, black 17 pin plug, pin 3
Left Front Door Trigger	Brown/Green	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Brown/Gray	-	Passenger Door Module, white 20 pin plug, pin 5
Left Rear Door Trigger	Gray/Violet (Sportback models)	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Gray/Violet (Sportback models)	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light	(LIN)		
Trunk/Hatch Pin	Yellow	-	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 28
Hood Pin	Green/Red	-	VEBCM above driver kick, middle black 73 pin plug, pin 31
Trunk/Hatch Release	Red/Green (door switch)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk-Hatch Release2	Brown/Yellow (rear handle switch)	-	Comfort System Module in trunk left side, blue-white 32 pin plug, pin 30
Trunk Release Motor	Green/Red	Reverse	Comfort System Module in trunk left side, black 20 pin plug, pin 11
Fuel Door Release	Blue/Red - Blue (lock-unlock)	Reverse	Comfort System Module in trunk left side, black-white 32 pin plug, pins 31 - 30
Tachometer	Green/Violet	AC	Camshaft Position Sensor, engine driver side rear, black 3 pin plug, pin 2
Clutch Pedal	Blue/Gray	-	Clutch Pedal Switch in engine compartment, on driver firewall, black 6 pin plug, pin 3

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Item	Wire Color	Polarity	Wire Location
Fuel Pump	Black/Yellow	+	Driver Kick, harness to rear --or-- Driver Kick Fuse Box, brown fuse holder, fuse 16
Rear Defroster	Green/Violet	+ Latched	Comfort System Module in trunk left side, black-white 32 pin plug, pin 32
Mirror Defroster	(CAN)		
Left Front Heated Seat	(CAN)		
Right Front Heated Seat	(CAN)		
Speed Sense	(wheel speed sensor)		
Brake Wire	Black	+	Driver Firewall, harness to engine compartment
Brake Wire 2	Black (alternate location)	+	Comfort System Module in trunk left side, black-white 32 pin plug, pin 12
Parking Brake	Green/Violet (EPB indicator)	-	Electric Parking Brake Button, red 10 pin plug, pin 8 or black 12 pin plug, pin 8
Horn Trigger	Violet/Red	Reverse	VEBCM above driver kick, right black-white 73 pin plug, pin 5
Wipers	(LIN)		
All Windows Up-Down	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	(use factory alarm arm/disarm)		
Memory Seat 1	Gray	- Resistor	Driver Door Module, blue 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)	- Resistor	
Radio 12V	Red/Yellow	+	Radio in glove box, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio in glove box, black 8 pin plug, pin 7
Radio Ignition	(CAN)		
Factory Amp Turn-on	(MOST)		
Left Front Speaker (+/-)	Red/Green - Brown/Green	+,-	Radio in glove box, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	White - White/Black	+,-	Radio in glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Green - Brown/Violet	+,-	Radio in glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Black - Blue/White	+,-	Radio in glove box, brown 8 pin plug, pins 1 - 5

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Item	Wire Color	Polarity	Wire Location
Center Channel (+/-)	White/Blue - Brown/Blue	+,-	Radio in glove box, black 8 pin plug, pins 2 - 6
Subwoofer (+/-)	Gray/Red - Gray/Brown	+,-	Radio in glove box, black 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	Brown/Yellow - Red/Yellow (low); White/Yellow - White/Blue (mid 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 8 - 7 (low); pins 25 - 33 (mid 2)
Right Front Speaker - With Amp	Yellow/Green - Blue/Green or Red/Green - Brown/Green (low); Green - Green/Black (mid 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 9 - 10 (low); pins 26 - 34 (mid 2)
Left Front Tweeter - With Amp	Red/Green - Brown/Green (mid/high); Blue - Yellow or Gray/Blue - Gray/Yellow (high 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 12 - 11 (mid/high); pins 31 - 23 (high 2)
Right Front Tweeter - With Amp	Red/Blue - Brown/Blue (mid/high); Red/Blue - Brown/Blue (high 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 14 - 13 (mid/high); pins 32 - 24 (high 2)
Left Rear Speaker - With Amp	Brown/Violet - Violet or Green - Brown/Violet	+,-	Amplifier in trunk left side, black 38 pin plug, pins 4 - 5
Right Rear Speaker - With Amp	Brown/Blue - Brown/Gray or Red/Blue - Brown/Blue	+,-	Amplifier in trunk left side, black 38 pin plug, pins 17 - 16
Left Rear Surround - With Amp	Yellow/Brown - Yellow/Red or Blue/Violet - Yellow/Violet	+,-	Amplifier in trunk left side, black 38 pin plug, pins 35 - 27
Right Rear Surround - With Amp	Violet/Yellow - Violet/Blue	+,-	Amplifier in trunk left side, black 38 pin plug, pins 36 - 28
Center Channel - With Amp	Red/Blue - Brown/Blue (high)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 3 - 15
Center Channel - With Amp 2	Red/Blue - White/Blue or Green/Black - Green (mid)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 18 - 6
Subwoofer - With Amp	Brown/Green - Red/Green (coil 1); Brown/Violet - Blue/Yellow (coil 2) (coupe, sportback)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 20 - 19 (coil 1); pins 21 - 22 (coil 2)
Subwoofer - With Amp 2	Black/White - Blue/White (right); Red/Green - Brown/Green (left) (convertible)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 20 - 19 (right); pins 21 - 22 (left)
Aux. Audio Input Left (+/-)	Green - Gray	+,-	Radio in glove box, green 12 pin plug, pins 7 - 1
Aux. Audio Input Right (+/-)	Yellow - Gray	+,-	Radio in glove box, green 12 pin plug, pins 2 - 1



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Item	Wire Color	Polarity	Wire Location
Rearview Camera Video	White - Black (w/o surround view)	+,-	Radio in glove box, blue 12 pin plug, pins 6 - 12

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What Fits

Item	Size	Depth	Location
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