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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Yellow (35A)	+	VESCM above driver kick, right black-white 73 pin plug, pin 1
Second 12 Volts	Red/Yellow (20A)	+	Comfort System Module in trunk floor left side, brown 17 pin plug, pin 16
Ground	(chassis ground)		
Starter Kill	Red/Black	+	Starter Relay under hood, on passenger side firewall
Ignition	Black/Violet	+	VESCM above driver kick, middle black 73 pin plug, pin 19
PTS 1	Blue/Yellow	-	Start Stop Button in center console, black 6 pin plug, pin 3
PTS 2	Black/Gray	-	Start Stop Button in center console, black 6 pin plug, pin 6
PTS 3	Black/Violet	-	Start Stop Button in center console, black 6 pin plug, pin 5
PTS 4	Blue/Yellow (PTS 1 alternate)	-	Comfort System Module in trunk floor left side, blue-white 32 pin plug, pin 25
PTS 5	Black/Gray (PTS 2 alternate)	-	Comfort System Module in trunk floor left side, blue-white 32 pin plug, pin 26
PTS 6	Black/Violet (PTS 3 alternate)	-	Comfort System Module in trunk floor 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-- VESCM above driver kick, right black-white 73 pin plug, pin 40
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness --or-- VESCM 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 floor left side, blue-white 32 pin plug, pin 2
CAN Bus Low 3	Orange/Brown	Data	Comfort System Module in trunk floor 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	Red/Blue	+	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 parking brake button, black 2 pin plug, pin 2
IMMO Antenna 2	Yellow (alternate location)	RF	Comfort System Module in trunk floor 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/Green	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Yellow	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Blue/White (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)		
Parking Lights 2	Gray/Blue or Green/Violet (LR); Gray/Blue or Violet/Gray or Gray (RR)	+	Comfort System Module in trunk floor left side, brown 17 pin plug, pin 14 (LR); black 17 pin plug, pin 5 (RR)
Parking Lights -	(LIN)		
Hazards	(LIN)		

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	(CAN, LF); Violet or Blue/Red (LR)	+	Comfort System Module in trunk floor left side, black-white 32 pin plug, pin 6 (LR)
Turn Signal (Right)	(CAN, RF); Gray/Yellow or Green/Brown (RR)	+	Comfort System Module in trunk floor left side, black-white 32 pin plug, pin 7 (RR)
Headlight	(CAN)		
AutoLights	(LIN)		
Reverse Light	Violet/Gray or Green/Violet or Black/Violet	+	Comfort System Module in trunk floor left side, black 17 pin plug, pin 3
Left Front Door Trigger	Brown/Yellow	-	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	Blue	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Blue	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light	(LIN)		
Trunk/Hatch Pin	Blue/Yellow	-	Comfort System Module in trunk floor left side, blue-white 32 pin plug, pin 28
Hood Pin	Yellow/Black	-	VEBCM above driver kick, middle black 73 pin plug, pin 31
Trunk/Hatch Release	Black/Yellow (rear handle switch)	-	Comfort System Module in trunk floor left side, blue-white 32 pin plug, pin 30
Trunk-Hatch Release2	Red/Green (door switch)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk Release Motor	Green/Red	Reverse	Comfort System Module in trunk floor left side, black 20 pin plug, pin 11
Fuel Door Release	Violet/Red (some models)	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Tachometer	Gray/Red (3.0L); Black/Gray (4.0L)	AC	Camshaft Position Sensor, engine driver side top front, black 3 pin plug, pin 2
Fuel Pump	Black/White	+	Driver Kick Fuse Carrier, bottom black fuse panel A, fuse SA16 (30A)

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Item	Wire Color	Polarity	Wire Location
Rear Defroster	Yellow	+ Latched	Comfort System Module in trunk floor left side, black-white 32 pin plug, pin 32
Mirror Defroster	(CAN)		
Wiper Deicer	(LIN)		
Left Front Heated Seat	(CAN)		
Right Front Heated Seat	(CAN)		
Heated Steering Wheel	(inside steering wheel)		
Brake Wire	Black/Blue	+	Driver Firewall, harness to engine compartment
Brake Wire 2	Black/Blue (alternate location)	+	Comfort System Module in trunk floor left side, black-white 32 pin plug, pin 12
Parking Brake	Green/Violet (EPB indicator)	-	Electric Parking Brake button, black 12 pin plug, pin 8
Horn Trigger	Violet/Red	Reverse	VESCM above driver kick, right black-white 73 pin plug, pin 5
Horn - Factory Alarm	(LIN)		
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	+	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	White/Violet	+	12V Socket/Cigarette Lighter, black 3 pin plug, pin 3
Radio Illumination	White	+	12V Socket/Cigarette Lighter, black 3 pin plug, pin 2
Factory Amp Turn-on	(MOST)		
Left Front Speaker (+/-)	Gray/Red - Gray/Brown	+,-	Radio in glove box, brown 8 pin plug, pins 3 - 7

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Item	Wire Color	Polarity	Wire Location
Right Front Speaker (+/-)	White/Black - Blue/Black	+,-	Radio in glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Brown/Blue - Brown/Green	+,-	Radio in glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Brown/Blue - Brown/Green	+,-	Radio in glove box, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	Brown/Black - Blue/Black	+,-	Radio in glove box, black 8 pin plug, pins 2 - 6
Subwoofer (+/-)	Brown/Green - Brown/Blue	+,-	Radio in glove box, black 8 pin plug, pins 1 - 5
Left Front Speaker - With Amp	White/Brown - White/Red (low); Green - Brown/Violet (mid)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 8 - 7 (low); pins 12 - 11 (mid)
Right Front Speaker - With Amp	Red/Blue - Brown/Blue (low); Green - Brown/Violet (mid)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 9 - 10 (low); pins 14 - 13 (mid)
Left Front Tweeter - With Amp	Black - Yellow or Gray/Red - Blue/Red (high); Gray - Gray/Black (mid 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 25 - 33 (high); pins 31 - 23 (mid 2)
Right Front Tweeter - With Amp	Brown - Blue or Green - Green/Black (high); Black - Blue/Black (mid 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 26 - 34 (high); pins 32 - 24 (mid 2)
Left Rear Speaker - With Amp	Blue - Gray or Brown/Blue - Brown/Green	+,-	Amplifier in trunk left side, black 38 pin plug, pins 4 - 5
Right Rear Speaker - With Amp	Blue - Gray or Brown/Blue - Brown/Green	+,-	Amplifier in trunk left side, black 38 pin plug, pins 17 - 16
Left Rear Surround - With Amp	Blue/Black - Black	+,-	Amplifier in trunk left side, black 38 pin plug, pins 35 - 27
Right Rear Surround - With Amp	Red/Green - Brown/Green	+,-	Amplifier in trunk left side, black 38 pin plug, pins 36 - 28
Center Channel - With Amp	Brown/Black - Blue/Black or Red/Yellow - Brown/Yellow (mid)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 18 - 6
Center Channel - With Amp 2	Gray/Red - Blue/Red (high)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 15 - 3
Subwoofer - With Amp	Blue/Black - White/Black (coil 1); Red/Gray - Brown/Gray (coil 2)	+,-	Amplifier in trunk left side, black 38 pin plug, pins 20 - 19 (coil 1); pins 21 - 22 (coil 2)
Rearview Camera Video	(no color available) - Black (w/o peripheral camera)	+,-	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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