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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Yellow (40A)	+	Front BCM under driver dash, 4 pin plug (A), pin 1
Ground	(chassis ground)		
Starter Kill	Black	+	Front BCM under driver dash, blue 42 pin plug (C), pin 38
Starter	Yellow/Blue	-	Electronic Ignition Switch, black 16 pin plug, pin 10
Ignition	Blue/Black	-	Electronic Ignition Switch, black 16 pin plug, pin 9
Ignition Sense	Black/White	+	Front BCM under driver dash, 42 pin plug (D), pin 14
Accessory	Yellow/Gray and Black/Blue	-	Electronic Ignition Switch, black 16 pin plug, pins 6, 12
Keysense	Blue/Yellow and Violet/Yellow	-	Electronic Ignition Switch, black 16 pin plug, pins 5, 11
Key Release	Yellow/Red	+	Electronic Ignition Switch, black 16 pin plug, pin 14
Data Bus	(IMMOBILIZER AND ELECTRONIC IGNITION SWITCH INTERFACE NEEDED)		
CAN Bus High	Orange/Green (Comfort CAN)	Data	Front BCM under driver dash, blue 42 pin plug (C), pin 42
CAN Bus Low	Orange/Brown (Comfort CAN)	Data	Front BCM under driver dash, blue 42 pin plug (C), pin 34
CAN Bus High 2	Orange/Black (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 2	Orange/Brown (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
OBD 12 Volts	Red/Yellow (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown/White	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Violet	+	OBD-Data Link Connector, black 16 pin plug, pin 1
IMMO Data	Green/Black (LIN)	Data	Electronic Ignition Switch, black 16 pin plug, pin 1

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Item	Wire Color	Polarity	Wire Location
Power Lock	Violet/Yellow	-	Central Lock Switch, 6 pin plug, pin 3 --or-- A/C Control Unit, 40 pin plug, pin 15
Power Unlock	(same as power lock)	-	
Lock Motor	Violet/Green	Reverse	Driver Door Control Unit, 20 pin plug, pin 13
Driver Unlock Motor	Green/Yellow	Reverse	Driver Door Control Unit, 20 pin plug, pin 11
Passenger Unlock Motor	Green/Yellow	Reverse	Passenger Door Control Unit, 20 pin plug, pin 11
Factory Alarm Arm	Blue/Yellow (key lock)	-	Driver Door Control Unit, 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	- 250 Ohms	
Parking Lights	Gray/Green (LF); Gray/Red (RF)	+	Front BCM under driver dash, 42 pin plug (D), pin 26 (LF); pin 4 (RF)
Parking Lights 2	Gray/Black (LR); Gray (RR)	+	Rear BCM under driver seat, 42 pin plug (B), pin 4 (LR); pin 26 (RR)
Parking Lights -	(LIN)		
Hazards	Violet	-	Front BCM under driver dash, blue 42 pin plug (C), pin 16
Turn Signal (Left)	Black/White (LF); Black/White (LR)	+	Front BCM under driver dash, blue 42 pin plug (C), pin 24 (LF); 42 pin plug (D), pin 5 (LR)
Turn Signal (Right)	Black/Green (RF); Black/Green (RR)	+	Front BCM under driver dash, blue 42 pin plug (C), pin 25 (RF); 42 pin plug (D), pin 25 (RR)
Headlight	Yellow/Red		Front BCM under driver dash, 42 pin plug (D), pin 18
AutoLights	(LIN)		
Reverse Light	Black/Yellow	+	Rear BCM under driver seat, 42 pin plug (B), pin 2
Left Front Door Trigger	Red/Blue	-	Driver Door Control Unit, 20 pin plug, pin 5
Right Front Door Trigger	Red/Blue	-	Passenger Door Control Unit, 20 pin plug, pin 5
Dome Light	(LIN)		
Trunk/Hatch Pin	Black/Yellow (front)	-	Front BCM under driver dash, 42 pin plug (D), pin 38

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Item	Wire Color	Polarity	Wire Location
TrunkHatch Pin2	Green/Black (rear)	-	Rear BCM under driver seat, 42 pin plug (B), pin 38
Trunk/Hatch Release	Yellow/Violet (front)	-	Rear BCM under driver seat, 42 pin plug (B), pin 15
Trunk-Hatch Release2	Yellow/Blue (rear)	-	Rear BCM under driver seat, 42 pin plug (A), pin 17
Trunk Release Motor	Black/Yellow (front); Blue (rear)	Reverse	Front BCM under driver dash, blue 42 pin plug (C), pin 5 (front); Rear BCM under driver seat, 42 pin plug (A), pin 5 (rear)
Fuel Door Release	Yellow/White - Red/Blue (lock/unlock)	Reverse	Front BCM under driver dash, 12 pin plug (B), pins 5, 3
Tachometer	Red (camshaft position sensor)	AC	ECM in left front of engine room, 105 pin plug (A), pin 69
Clutch Pedal	Yellow/Violet	-	Clutch Switch, 6 pin plug, pin 3
Fuel Pump	Green/Black (RWD); White/Red (AWD)	+	Fuel Pump Relay, front trunk driver side rear (RWD); Rear Fuse Box, row B, pin 12 (AWD)
Rear Defroster	Black/Blue	+ Latched	Rear BCM under driver seat, 42 pin plug (A), pin 36
Mirror Defroster	(Comfort CAN)		
Left Front Heated Seat	Red/Violet	Reverse	A/C Control Unit, 3 pin plug, pin 1
Right Front Heated Seat	Red/Yellow	Reverse	A/C Control Unit, 3 pin plug, pin 3
Heated Steering Wheel	(inside steering wheel)		
Speed Sense	(wheel speed sensor)		
Brake Wire	Green/Red	+	Brake Switch, 4 pin plug, pin 3 --or-- Rear BCM under driver seat, 42 pin plug (B), pin 27
Parking Brake	Violet/Green (EPB indicator)	-	Electric Parking Brake Switch, black 12 pin plug, pin 8
Horn Trigger	Yellow/Green	+	Front BCM under driver dash, blue 42 pin plug (C), pin 36
Horn - Factory Alarm	(LIN)		

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Item	Wire Color	Polarity	Wire Location
Wipers	(LIN)		
All Windows Up-Down	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	(LIN or Comfort CAN)		
Memory Seat 1	Blue/Green	- Resistor	Driver Door Control Unit, 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)	- Resistor	
Memory Seat 3	(same as memory seat 1)	- Resistor	
Radio 12V	Red/Yellow	+	Radio, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio, black 8 pin plug, pin 7
Radio Ignition	(INfo CAN)		
Factory Amp Turn-on	(MOST)		
Left Front Speaker (+/-)	White - White/Black	+,-	Radio, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Gray - Gray/Black	+,-	Radio, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Green - Green/Black	+,-	Radio, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Violet - Violet/Black	+,-	Radio, brown 8 pin plug, pins 1 - 5
Subwoofer (+/-)	White/Red - White/Brown (L); Gray/Red - Gray/Brown (R) (front woofer)	+,-	Radio, black 8 pin plug, pins 2 - 6 (L); pins 1 - 5 (R)
Left Front Speaker - With Amp	White/Red - White/Brown (low); White - White/Black (mid)	+,-	Amplifier under passenger seat, 38 pin plug, pins 12 - 11; 21 - 9 (Bose); 32 pin plug, pins 3 - 15; 11 - 12 (Burmester)
Right Front Speaker - With Amp	Gray/Red - Gray/Brown (low); Gray - Gray/Black (mid)	+,-	Amplifier under passenger seat, 38 pin plug, pins 14 - 13; 22 - 10 (Bose); 32 pin plug, pins 4 - 16; 14 - 13 (Burmester)
Left Front Tweeter - With Amp	White - White/Black (Bose); White/Yellow - White/Blue (Burmester)	+,-	Amplifier under passenger seat, 38 pin plug, pins 36 - 35 (Bose); 32 pin plug, pins 26 - 31 (Burmester)
Right Front Tweeter - With Amp	Gray - Gray/Black (Bose); Gray/Yellow - Gray/Blue (Burmester)	+,-	Amplifier under passenger seat, 38 pin plug, pins 33 - 34 (Bose); 32 pin plug, pins 27 - 32 (Burmester)

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Item	Wire Color	Polarity	Wire Location
Left Rear Speaker - With Amp	Green - Green/Black	+,-	Amplifier under passenger seat, 38 pin plug, pins 19 - 7 (Bose); 32 pin plug, pins 7 - 19 (Burmester)
Right Rear Speaker - With Amp	Violet - Violet/Black	+,-	Amplifier under passenger seat, 38 pin plug, pins 20 - 8 (Bose); 32 pin plug, pins 8 - 20 (Burmester)
Left Rear Tweeter - With Amp	Green - Green/Black (Bose); Green/Yellow - Green/Blue (Burmester)	+,-	Amplifier under passenger seat, 38 pin plug, pins 37 - 38 (Bose); 32 pin plug, pins 23 - 28 (Burmester)
Right Rear Tweeter - With Amp	Violet - Violet/Black (Bose); Violet/Yellow - Violet/Blue (Burmester)	+,-	Amplifier under passenger seat, 38 pin plug, pins 26 - 27 (Bose); 32 pin plug, pins 24 - 29 (Burmester)
Center Channel - With Amp	Blue - Blue/Black	+,-	Amplifier under passenger seat, 38 pin plug, pins 31 - 32 (Bose); 32 pin plug, pins 25 - 30 (Burmester)
Subwoofer - With Amp	Yellow/Red - Yellow/Brown	+,-	Amplifier under passenger seat, 38 pin plug, pins 16 - 4 (Bose); 12 pin plug, pins 1 - 2 (Burmester)
Subwoofer - With Amp 2	Red/White (Burmester sub amp turn-on)	+	Amplifier under passenger seat, 12 pin plug, pin 6 (Burmester)
Aux. Audio Input Left (+/-)	Green - Brown	+,-	Radio, green 12 pin plug, pins 7 - 1
Aux. Audio Input Right (+/-)	Violet - Brown	+,-	Radio, green 12 pin plug, pins 2 - 1
Rearview Camera Video	White - Black	+,-	Radio, blue 12 pin plug, pins 6 - 12

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What Fits

Item	Size	Depth	Location
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