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Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|-----------------|--------------------------------|----------|---|
| 12 Volts | Red/Gray (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 center front, brown 17 pin plug, pin 16 |
| Ground | (chassis ground) | | |
| Starter Kill | Red/Black | + | Starter Relay under hood, on center of firewall |
| Ignition | Black/Violet | + | VESCM 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 floor center front, blue-white 32 pin plug, pin 25 |
| PTS 5 | Yellow/Green (PTS 2 alternate) | - | Comfort System Module in trunk floor center front, blue-white 32 pin plug, pin 26 |
| PTS 6 | White/Red (PTS 3 alternate) | - | Comfort System Module in trunk floor center front, 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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| CAN Bus High 3 | Green | Data | Comfort System Module in trunk floor center front, blue-white 32 pin plug, pin 2 |
| CAN Bus Low 3 | Orange/Brown | Data | Comfort System Module in trunk floor center front, 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 parking brake button, black 2 pin plug, pin 2 |
| IMMO Antenna 2 | Yellow (alternate location) | RF | Comfort System Module in trunk floor center front, 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/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) | | |
| Parking Lights 2 | White/Gray (LR); Gray/black (RR) | + | Comfort System Module in trunk floor center front, brown 17 pin plug, pin 14 (LR); black 17 pin plug, pin 5 (RR) |
| Parking Lights - | (LIN) | | |
| Hazards | (LIN) | | |



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| Turn Signal (Left) | (CAN, LF); Blue/Black (LR) | + | Comfort System Module in trunk floor center front, black 17 pin plug, pin 4 (LR) |
| Turn Signal (Right) | (CAN, RF) Black/Blue (RR) | + | Comfort System Module in trunk floor center front, brown 17 pin plug, pin 3 (RR) |
| Headlight | (CAN) | | |
| AutoLights | (LIN) | | |
| Reverse Light | Green/Black | + | Comfort System Module in trunk floor center front, brown 17 pin plug, pin 4 |
| Left Front Door Trigger | White | - | 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 | - | Left Rear Door Module, white 20 pin plug, pin 5 |
| Right Rear Door Trigger | Gray/Violet | - | Right Rear Door Module, white 20 pin plug, pin 5 |
| Dome Light | (LIN) | | |
| Trunk/Hatch Pin | Yellow | - | Comfort System Module in trunk floor center front, 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/Gray or Red/Green | - | Driver Door Module, blue 32 pin plug, pin 23 |
| Trunk-Hatch Release2 | Red/Yellow (rear handle switch) | - | Comfort System Module in trunk floor center front, blue-white 32 pin plug, pin 30 |
| Trunk Release Motor | Green/Red | Reverse | Comfort System Module in trunk floor center front, black 20 pin plug, pin 11 |
| Fuel Door Release | Violet/Red (some models) | - Resistor | Driver Door Module, blue 32 pin plug, pin 28 |
| Tachometer | Black/Gray (4.0L) | AC | Camshaft Position Sensor, engine driver side front, black 3 pin plug, pin 2 |
| Fuel Pump | Black/Yellow | + | Driver Kick Fuse Carrier, top black fuse panel, fuse SA16 (30A) |

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| Rear Defroster | Yellow | + Latched | Comfort System Module in trunk floor center front, 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) | | |
| 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 floor center front, 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 | VEBCM 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/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 | White/Violet | + | 12V Socket/Cigarette Lighter, black 3 pin plug, pin 3 |
| Radio Illumination | Gray/Blue | + | 12V Socket/Cigarette Lighter, black 3 pin plug, pin 2 |
| Factory Amp Turn-on | (MOST) | | |
| Left Front Speaker (+/-) | White/Blue - Black/Blue | +,- | Radio in glove box, brown 8 pin plug, pins 3 - 7 |

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| Right Front Speaker (+/-) | Black/Red - Brown/Red | +,- | Radio in glove box, brown 8 pin plug, pins 2 - 6 |
| Left Rear Speaker (+/-) | Gray - Gray/Black | +,- | Radio in glove box, brown 8 pin plug, pins 4 - 8 |
| Right Rear Speaker (+/-) | Green - Green/Black | +,- | Radio in glove box, brown 8 pin plug, pins 1 - 5 |
| 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 | Red/Yellow - Brown/Yellow (bass); Red/Green - Brown/Green (midrange) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 8 - 7 (bass); pins 12 - 11 (midrange) |
| Right Front Speaker - With Amp | Violet - Brown/Violet (bass); Red/Blue - Brown/Blue (midrange) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 9 - 10 (bass); pins 14 - 13 (midrange) |
| Left Front Tweeter - With Amp | White/Yellow - White/Blue (treble); Yellow - Blue/Yellow (pillar midrange) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 25 - 33 (treble); pins 31 - 23 (pillar midrange) |
| Right Front Tweeter - With Amp | Green - Green/Black (treble); Yellow/Violet - Blue/Violet (pillar midrange) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 26 - 34 (treble); pins 32 - 24 (pillar midrange) |
| Left Rear Speaker - With Amp | Gray - Gray/Black | +,- | Amplifier in trunk left side, black 38 pin plug, pins 4 - 5 |
| Right Rear Speaker - With Amp | Green - Green/Black | +,- | Amplifier in trunk left side, black 38 pin plug, pins 17 - 16 |
| Left Rear Surround - With Amp | Yellow/Brown - Yellow/Red | +,- | 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 - White/Blue | +,- | Amplifier in trunk left side, black 38 pin plug, pins 18 - 6 |
| Subwoofer - With Amp | Yellow - White (coil 1); Green/Black - White/Black (coil 2) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 20 - 19 (coil 1); pins 21 - 22 (coil 2) |
| Subwoofer - With Amp 2 | Green/White - Gray/White (coil 1); Blue/Black - White/Black (coil 2) (alternate colors) | +,- | Amplifier in trunk left side, black 38 pin plug, pins 20 - 19 (coil 1); pins 21 - 22 (coil 2) |

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| 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 |
|------|------|-------|----------|
|------|------|-------|----------|