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Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|-----------------|--------------------|------------|---|
| 12 Volts | Red/Gray (40A) | + | VEBCM above driver kick, white 73 pin plug, pin 1 |
| Second 12 Volts | Red/Blue (7.5A) | + | Ignition Switch, black 6 pin plug, pin 2 |
| Ground | (chassis ground) | | |
| Starter Kill | Red | + | Underhood Fuse/Relay Box, below fuse SB23 (30A) |
| Starter | Red/Black | + | Ignition Switch, black 6 pin plug, pin 6 |
| Ignition | Black/Red | + | Ignition Switch, black 6 pin plug, pin 4 |
| Second Ignition | Black | + | Ignition Switch, black 6 pin plug, pin 3 |
| Keysense | Yellow/Blue | + | Ignition Switch, black 6 pin plug, pin 5 |
| 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 | VEBCM above driver kick, black 73 pin plug, pin 16 |
| CAN Bus Low 2 | Orange/Brown | Data | VEBCM above driver kick, black 73 pin plug, pin 17 |
| CAN Bus High 3 | Green | Data | Driver Kick, black 17 pin plug, pin 9 |
| CAN Bus Low 3 | Orange/Brown | Data | Driver Kick, black 17 pin plug, pin 8 |
| OBD 12 Volts | Gray/Violet (7.5A) | + | 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 | Green | RF | Immobilizer Reader Coil on ignition switch, black 2 pin plug, pin 1 |
| Power Lock | Violet/Red | - Resistor | Driver Door Module, blue 32 pin plug, pin 28 |

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| Power Unlock | (same as power lock) | - | |
| Lock Motor | Brown/Yellow | Reverse | Driver Door Module, white 20 pin plug, pin 13 |
| Driver Unlock Motor | Blue/Black | Reverse | Driver Door Module, white 20 pin plug, pin 11 |
| Passenger Unlock Motor | Blue/Black | Reverse | Passenger Door Module, white 20 pin plug, pin 11 |
| Factory Alarm Arm | Green/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 | Red/White (LR); Red/Gray (RR) | + | VESCM above driver kick, white 73 pin plug, pin 10 (LR); black 73 pin plug, pin 65 (RR) |
| Parking Lights - | (LIN) | | |
| Hazards | Violet/Red | - | VESCM above driver kick, white 73 pin plug, pin 42 |
| Turn Signal (Left) | (CAN, LF Full LED); Black/Violet (LF LED); Blue/Yellow (LR) | + | VESCM above driver kick, white 46 pin plug, pin 36 (LF); black 73 pin plug, pin 60 (LR) |
| Turn Signal (Right) | (CAN, RF Full LED); Black/Blue (RF LED); Blue (RR) | + | VESCM above driver kick, white 46 pin plug, pin 20 (RF); white 73 pin plug, pin 31 (RR) |
| Headlight | Yellow/Black (L); Yellow (R) | + | VESCM above driver kick, white 73 pin plug, pin 5 (L); white 46 pin plug, pin 1 (R) |
| AutoLights | (LIN) | | |
| Reverse Light | Black/Blue | + | VESCM above driver kick, white 73 pin plug, pin 11 |
| Left Front Door Trigger | Blue/White | - | Driver Door Module, white 20 pin plug, pin 5 |
| Right Front Door Trigger | Brown | - | Passenger Door Module, white 20 pin plug, pin 5 |
| Left Rear Door Trigger | Green/White or Green/Violet (with ambient light) | - | Left Rear Door Module, white 20 pin plug, pin 5 |
| Left Rear Door Trigger 2 | Brown/Violet (w/o ambient light) | - | VESCM above driver kick, black 73 pin plug, pin 50 |
| Right Rear Door Trigger | Green/White (with ambient light) | - | Right Rear Door Module, white 20 pin plug, pin 5 |
| Right Rear Door Trigger 2 | Brown/Yellow (w/o ambient light) | - | VESCM above driver kick, black 73 pin plug, pin 48 |
| Dome Light | Green | - | VESCM above driver kick, white 73 pin plug, pin 67 |

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| Item | Wire Color | Polarity | Wire Location |
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| Trunk/Hatch Pin | White | - | VESCM above driver kick, black 73 pin plug, pin 52 |
| Hood Pin | Brown/Blue | - | VESCM above driver kick, white 46 pin plug, pin 14 |
| Trunk/Hatch Release | Violet/Blue | - | Driver Door Module, blue 32 pin plug, pin 23 |
| Trunk-Hatch Release2 | Black/Gray (rear handle switch) | - | VESCM above driver kick, black 73 pin plug, pin 32 |
| Trunk Release Motor | Red/White | Reverse | VESCM above driver kick, black 73 pin plug, pin 9 |
| Fuel Door Release | Green/White - Green/Black (lock/unlock) | Reverse | VESCM above driver kick, black 73 pin plug, pins 4 - 3 |
| Tachometer | Blue/Gray | AC | Camshaft Position Sensor, engine driver side front, black 3 pin plug, pin 2 |
| Fuel Pump | Red/Blue | + | Passenger Kick, red 17 pin plug, pin 15 |
| Rear Defroster | White/Violet | - Latched | VESCM above driver kick, white 73 pin plug, pin 24 |
| Mirror Defroster | (CAN) | | |
| Left Front Heated Seat | (CAN) | | |
| Right Front Heated Seat | (CAN) | | |
| Speed Sense | (wheel speed sensor) | | |
| Brake Wire | Black/Red | + | Driver Kick, blue 17 pin plug, pin 7 |
| Brake Wire 2 | Black/Red (alternate location) | + | VESCM above driver kick, white 73 pin plug, pin 58 |
| Parking Brake | Violet/Green (EPB indicator) | - | Passenger Kick, red 17 pin plug, pin 8 |
| Parking Brake 2 | Violet/Green (alternate location) | - | Electric Parking Brake Switch, black 12 pin plug, pin 8 |
| Horn Trigger | Red/Brown | - | VESCM above driver kick, white 46 pin plug, pin 24 |
| Horn - Factory Alarm | (LIN) | | |
| Wipers | (LIN) | | |
| All Windows Up-Down | (use factory alarm arm/disarm) | | |
| Sun Roof (Open/Close) | (use factory alarm arm/disarm) | | |
| Radio 12V | Red/Yellow | + | Radio in glove box, black 8 pin plug, pin 8 |

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| 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 (+/-) | Red - Brown/Red | +,- | Radio in glove box, brown 8 pin plug, pins 2 - 6 |
| Left Rear Speaker (+/-) | Blue/White - Brown/White | +,- | Radio in glove box, brown 8 pin plug, pins 4 - 8 |
| Right Rear Speaker (+/-) | Blue - Brown/Blue | +,- | Radio in glove box, brown 8 pin plug, pins 1 - 5 |
| Center Channel (+/-) | Red/Blue - Brown/Blue | +,- | Radio in glove box, black 8 pin plug, pins 2 - 6 |
| Subwoofer (+/-) | White/Gray - Blue/Gray | +,- | Radio in glove box, black 8 pin plug, pins 1 - 5 |
| Left Front Speaker - With Amp | Red/Blue - White/Blue (low); Red/Green - White/Green (mid) | +,- | Amplifier under driver seat, black 38 pin plug, pins 8 - 7 (low); pins 12 - 11 (mid) |
| Right Front Speaker - With Amp | Red/Blue - Brown/Blue (low); Red/Green - Brown/Green (mid) | +,- | Amplifier under driver seat, black 38 pin plug, pins 9 - 10 (low); pins 14 - 13 (mid) |
| Left Front Tweeter - With Amp | Red - Brown/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 31 - 23 |
| Right Front Tweeter - With Amp | Red - White/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 32 - 24 |
| Left Rear Speaker - With Amp | Black/Blue - White/Blue | +,- | Amplifier under driver seat, black 38 pin plug, pins 4 - 5 |
| Right Rear Speaker - With Amp | Black/Blue - Brown/Blue | +,- | Amplifier under driver seat, black 38 pin plug, pins 17 - 16 |
| Left Rear Tweeter - With Amp | White/Red - Black/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 33 - 25 |
| Right Rear Tweeter - With Amp | Brown/Red - Black/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 34 - 26 |
| Left Rear Surround - With Amp | White/Red - Blue/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 35 - 27 |
| Right Rear Surround - With Amp | Gray/White - Green/White | +,- | Amplifier under driver seat, black 38 pin plug, pins 36 - 28 |

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|-----------------------------|--|----------|--|
| Center Channel - With Amp | Black/Yellow - Brown/Red | +,- | Amplifier under driver seat, black 38 pin plug, pins 15 - 3 |
| Center Channel - With Amp 2 | Red/Blue - Brown/Blue | +,- | Amplifier under driver seat, black 38 pin plug, pins 18 - 6 |
| Subwoofer - With Amp | Blue/Gray - White/Gray (coil 1); Brown/White - Red/White (coil 2) | +,- | Amplifier under driver seat, 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 |
|------|------|-------|----------|
|------|------|-------|----------|