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Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|-----------------|---------------------------------|----------|---|
| 12 Volts | Blue/Red (30A); Brown/Red (50A) | + | Driver Kick, gray 10 pin plug, pin 1; BCM in passenger kick, black 22 pin plug (J7), pin 22 |
| Second 12 Volts | Gray/Red (7.5A) | + | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 24 |
| Ground | (chassis ground) | | |
| Ground 2 | Black/Blue | - | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 14 |
| Starter Kill | Brown/Green | + | Junction Connector, engine passenger side, 34 pin plug, pin 14 --or-- Underhood Fuse Box |
| Ignition Sense | White | + | BCM in passenger kick, black 22 pin plug (J1), pin 16 |
| PTS 1 | Brown/Violet | + | Start Stop Button --or-- BCM in passenger kick, black 52 pin plug (J2), pin 51 |
| PTS 2 | Yellow/Orange | - | Start Stop Button --or-- BCM in passenger kick, black 52 pin plug (J2), pin 5 |
| CAN Bus High | Blue (HS CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 20 |
| CAN Bus Low | White (HS CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 19 |
| CAN Bus High 2 | Gray (MS CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 23 |
| CAN Bus Low 2 | Violet (MS CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 22 |
| CAN Bus High 3 | Green (HS2 CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 18 |

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|--------------------------|---|----------|--|
| CAN Bus Low 3 | Gray (HS2 CAN) | Data | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 17 |
| OBD 12 Volts | White/Red (10A) | + | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 13 |
| OBD Ground | Black/Gray | - | Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 1 |
| OBD Connector | Black | | Under Driver Dash, Left of Steering Column |
| IMMO Antenna | (PATS antenna is under rubber cover in cupholder) | | |
| Power Lock | Blue (w/o memory) | - | Driver Kick --or-- BCM in passenger kick, blue 52 pin plug (J5), pin 17 |
| Power Unlock | Yellow (w/o memory) | - | Driver Kick --or-- BCM in passenger kick, blue 52 pin plug (J5), pin 4 |
| Power Lock2 | Blue/Green (with memory) | - | Driver Door Lock Switch, black 8 pin plug, pin 2 |
| Power Unlock2 | Yellow/Violet (with memory) | - | Driver Door Lock Switch, black 8 pin plug, pin 1 |
| Lock Motor | Gray/Brown | Reverse | Driver Kick --or-- BCM in passenger kick, 36 pin plug (J3), pin 35 |
| Driver Unlock Motor | Blue/Green | Reverse | Driver Kick --or-- BCM in passenger kick, 36 pin plug (J3), pin 27 |
| Passenger Unlock Motor | Violet/Gray | Reverse | BCM in passenger kick, 36 pin plug (J3), pin 32 |
| Factory Alarm Arm | (arms on lock) | | |
| Factory Alarm Disarm | (proximity key and push button) | | |
| Parking Lights | Violet/White (F); Violet/White (R) | + | BCM in passenger kick, black 22 pin plug (J7), pin 3 (F); 36 pin plug (J3), pin 12 (R) |
| Parking Lights - | Gray | - | Headlight Switch, black 16 pin plug, pin 11 |
| Parking Lights Interrupt | Black/Blue | Cut | Headlight Switch, black 16 pin plug, pin 4 |
| Hazards | Brown | - | Hazard Switch --or-- BCM in passenger kick, black 52 pin plug (J2), pin 19 |

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| Turn Signal (Left) | Blue/Green (LF); White/Green (LR1); Brown/Violet (LR2); Gray/Brown (LR3) | + | BCM in passenger kick, black 40 pin plug (J6), pin 39 (LF); BCM B in trunk right side, black 24 pin plug, pins 2, 3, 4 (LR) |
| Turn Signal (Right) | Yellow/Violet (RF); Gray/Violet (RR1); Brown (RR2); Violet/Orange (RR3) | + | BCM in passenger kick, black 40 pin plug (J6), pin 38 (RF); BCM B in trunk right side, black 24 pin plug, pins 14, 15, 16 (RR) |
| Headlight | Blue | - | Headlight Switch, black 16 pin plug, pin 12 |
| AutoLights | Violet | Cut | Headlight Switch, black 16 pin plug, pin 13 |
| Reverse Light | Green/Brown | + | BCM in passenger kick, 36 pin plug (J3), pin 11 |
| Left Front Door Trigger | Green | - N.C. | Driver Kick --or-- BCM in passenger kick, blue 52 pin plug (J5), pin 33 |
| Right Front Door Trigger | White | - N.C. | BCM in passenger kick, blue 52 pin plug (J5), pin 21 |
| Dome Light | Gray/Violet | + | BCM in passenger kick, 36 pin plug (J3), pin 13 |
| Trunk/Hatch Pin | Gray | - N.C. | BCM in passenger kick, blue 52 pin plug (J5), pin 34 |
| Hood Pin | Blue/Orange | - N.C. | BCM in passenger kick, black 40 pin plug (J6), pin 14 |
| Trunk/Hatch Release | Brown/White | - | Release Switch --or-- BCM in passenger kick, black 52 pin plug (J2), pin 1 |
| Trunk Release Motor | Brown/Blue | Reverse | BCM in passenger kick, 36 pin plug (J3), pin 33 |
| Tachometer | Brown/Blue (2.3L) | AC | Camshaft Position Sensor, engine driver side rear, gray 3 pin plug, pin 3 |
| Tachometer 2 | Green/Violet (5.0L) | AC | Camshaft Position Sensor, engine driver side rear, black 3 pin plug, pin 3 |
| Tachometer 3 | Green/Violet (5.2L) | AC | Camshaft Position Sensor, engine driver side rear, black 2 pin plug, pin 2 |
| Clutch Pedal | Blue/Orange (bottom); Green/Violet (top) | - | Inline Harness near clutch switch, gray 4 pin plug, pin 1 (bottom); pin 2 (top) |

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| Item | Wire Color | Polarity | Wire Location |
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| Fuel Pump | Yellow or Yellow/Violet | - | BCM in passenger kick, black 40 pin plug (J6), pin 26 |
| Rear Defroster | White | - Latched | Climate Control Switch, black 26 pin plug, pin 7 |
| Mirror Defroster | (same as rear defroster, w/o memory); (MS CAN, with memory) | | |
| Left Front Heated Seat | (MS CAN) | | |
| Right Front Heated Seat | (MS CAN) | | |
| Speed Sense | Brown/Green (2.3L) | AC | PCM next to underhood fuse box, black 95 pin plug, pin 68 |
| Speed Sense 2 | Brown/Green (5.0L) | AC | PCM next to underhood fuse box, black 90 pin plug, 51 |
| Speed Sense 3 | Yellow/Orange (5.2L) | AC | PCM next to underhood fuse box, black 95 pin plug, pin 26 |
| Brake Wire | Violet/White | + | Brake Switch --or-- BCM in passenger kick, black 22 pin plug (J1), pin 1 |
| Parking Brake | White/Violet | - | Parking Brake Switch --or-- BCM in passenger kick, blue 52 pin plug (J5), pin 47 |
| Horn Trigger | Green/White | - | Horn Switch --or-- BCM in passenger kick, black 52 pin plug (J2), pin 18 |
| Wipers | (LIN) | | |
| Left Front Window (Up/Down) | (motor is part of module); Green/Violet (global open) | - | Driver Kick --or-- BCM B in trunk right side, black 24 pin plug, pin 10 |
| Right Front Window (Up/Down) | (motor is part of module); Green/Violet (global open) | - | Passenger Kick --or-- BCM B in trunk right side, black 24 pin plug, pin 22 |
| Left Rear Window (Up/Down) | (motor is part of module) (convertible) | | |
| Right Rear Window (Up/Down) | (motor is part of module) (convertible) | | |
| Convertible Top Open-Close | Green - Blue/Orange (function with ignition on only) | - | Passenger Kick, 40 pin plug, pins 19 - 18 |
| Memory Seat 1 | Violet/White | - | Memory Set Switch, black 8 pin plug, pin 5 |
| Memory Seat 2 | Yellow/Violet | - | Memory Set Switch, black 8 pin plug, pin 6 |
| Memory Seat 3 | Blue/Orange | - | Memory Set Switch, black 8 pin plug, pin 7 |

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| Item | Wire Color | Polarity | Wire Location |
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| Radio 12V | Red | + | Radio, black 24 pin plug, pin 1 |
| Radio Ground | Black/Gray | - | Radio, black 24 pin plug, pin 13 |
| Radio Ignition | Brown/Yellow (delayed accessory) | + | Driver Kick, door harness --or-- BCM in passenger kick, 36 pin plug (J3), pin 30 |
| Factory Amp Turn-on | Blue/Green | + | Radio, black 24 pin plug, pin 7 |
| Power Antenna | Yellow/Green | + | Radio, black 24 pin plug, pin 2 |
| Left Front Speaker (+/-) | White - White/Brown or Green - Gray | +,- | Radio, black 24 pin plug, pins 22 - 10 |
| Right Front Speaker (+/-) | White/Violet - White/Orange or Violet - Yellow | +,- | Radio, black 24 pin plug, pins 23 - 11 |
| Left Rear Speaker (+/-) | White/Green - Brown/Yellow or Green/White - Brown | +,- | Radio, black 24 pin plug, pins 21 - 9 |
| Right Rear Speaker (+/-) | Brown/White - Brown/Blue or Violet/White - Blue | +,- | Radio, black 24 pin plug, pins 24 - 12 |
| Center Channel (+/-) | Green - Gray/Yellow | +,- | Radio, black 24 pin plug, pins 20 - 8 |
| Left Front Speaker - With Amp | White - White/Brown (low) | +,- | Amplifier above driver kick, gray 16 pin plug, pins 14 - 13 |
| Right Front Speaker - With Amp | White/Violet - White/Orange (low) | +,- | Amplifier above driver kick, gray 16 pin plug, pins 6 - 5 |
| Left Front Tweeter - With Amp | Green/Blue - Gray/Blue (mid/high) | +,- | Amplifier above driver kick, 14 pin plug, pins 8 - 9 |
| Right Front Tweeter - With Amp | Violet/Gray - Yellow/Gray (mid/high) | +,- | Amplifier above driver kick, 14 pin plug, pins 4 - 5 |
| Left Rear Speaker - With Amp | White/Green - Brown/Yellow | +,- | Amplifier above driver kick, gray 16 pin plug, pins 16 - 15 |
| Right Rear Speaker - With Amp | Brown/White - Brown/Blue | +,- | Amplifier above driver kick, gray 16 pin plug, pins 8 - 7 |
| Center Channel - With Amp | Green - Gray/Yellow | +,- | Amplifier above driver kick, 14 pin plug, pins 2 - 3 |
| Subwoofer - With Amp | Violet/Green - Green/White (preamp); Violet/Red (amp turn-on) | +,-; + | Amplifier above driver kick, gray 16 pin plug, pins 1 - 2 (preamp); pin 9 (amp turn-on) |
| Aux. Audio Input Left (+/-) | Blue - Gray (SYNC audio) | +,- | Radio, black 26 pin plug, pins 12 - 25 |

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| Aux. Audio Input Right (+/-) | Violet - Brown/White (SYNC audio) | +,- | Radio, black 26 pin plug, pins 13 - 26 |
| Rearview Camera Video | White/Green - Brown/Violet | +,- | Front Control-Display, black 12 pin plug, pins 6 - 12 --or-- SYNC Module-Display, black 54 pin plug, pins 14 - 15 |



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What Fits

| Item | Size | Depth | Location |
|------|------|-------|----------|
|------|------|-------|----------|



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Additional Wiring Notes

| Item | Note |
|--------------------------|-------------------|
| Parking Lights Interrupt | See Tech Doc 1096 |
| Parking Lights - | See Tech Doc 1096 |