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### Wiring Information

| Item               | Wire Color       | Polarity | Wire Location   |
|--------------------|------------------|----------|---|
| 12 Volts           | Red (60A)        | +        | IGPM-Dash Fuse Box, black 4 pin plug (B), pin 1         |
| Ground             | (chassis ground) |          |   |
| Starter            | Orange           | +        | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 4        |
| Ignition           | Pink             | +        | Driver Kick, black 82 pin plug (EM11), pin 2            |
| Accessory          | Green            | +        | Driver Kick, black 82 pin plug (EM11), pin 26           |
| Second Accessory   | Blue             | +        | Driver Kick, black 82 pin plug (EM11), pin 68           |
| Ignition Interrupt | Pink             | Cut      | IGPM-Dash Fuse Box, rear, white 40 pin plug (F), pin 18 |
| PTS 1              | Yellow/Black     | -        | Start Stop Button Switch, gray 12 pin plug, pin 1       |
| PTS 2              | Yellow/Orange    | -        | Start Stop Button Switch, gray 12 pin plug, pin 8       |
| CAN Bus High       | Pink (D-CAN)     | Data     | OBD-Data Link Connector, black 16 pin plug, pin 6       |
| CAN Bus Low        | Gray (D-CAN)     | Data     | OBD-Data Link Connector, black 16 pin plug, pin 14      |
| CAN Bus High 2     | Red (B-CAN)      | Data     | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 5  |
| CAN Bus Low 2      | Blue (B-CAN)     | Data     | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 6  |
| CAN Bus High 3     | Orange (P-CAN)   | Data     | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 2  |
| CAN Bus Low 3      | Green (P-CAN)    | Data     | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 1  |
| OBD 12 Volts       | Red (10A)        | +        | OBD-Data Link Connector, black 16 pin plug, pin 16      |
| OBD Ground         | Black            | -        | OBD-Data Link Connector, black 16 pin plug, pin 4       |
| OBD Ignition       | Gray             | +        | OBD-Data Link Connector, black 16 pin plug, pin 3       |

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| Item                       | Wire Color   | Polarity    | Wire Location  |
|----------------------------|--|-------------|--|
| OBD Connector              | Black  |             | Under Driver Dash, Below Fuse Panel  |
| IMMO Data                  | Brown/Orange (EMS COM)                                   | Data        | Driver Kick, black 82 pin plug (EM11), pin 55  |
| Power Lock                 | Pink/Black (w/o memory); (or use factory alarm arm)      | -           | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 17  |
| Power Unlock               | Yellow/Black (w/o memory); (or use factory alarm disarm) | -           | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 18  |
| Power Unlock - Driver Door | Yellow   | -           | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 16                                    |
| Lock Motor                 | Gray   | Reverse     | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 26  |
| Driver Unlock Motor        | White  | Reverse     | Driver Kick, white 48 pin plug (MF11), pin 1   |
| Passenger Unlock Motor     | Brown  | Reverse     | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 48  |
| Factory Alarm Arm          | Pink/Black (see Tech Doc 1300)                           | -           | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 20  |
| Factory Alarm Disarm       | Red (see Tech Doc 1300)                                  | Double -    | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 36  |
| Lock Detection             | Brown (see Tech Doc 1300)                                | Open        | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 22  |
| Unlock Detection           | (same as lock detection)                                 | -           |  |
| Parking Lights             | Red/Orange (LF); Red/Orange (RF)                         | +           | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 44 (LF); pin 35 (RF)                        |
| Parking Lights 2           | Green/Black (LR); Brown/Black (RR)                       | +           | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 18 (LR); pin 40 (RR)                        |
| Parking Lights -           | Blue   | - 1680 Ohms | Headlight-Wiper Switch, black 16 pin plug, pin 14  |
| Parking Lights MUX         | Blue   | MUX         | Headlight-Wiper Switch, black 16 pin plug, pin 14  |
| Hazards                    | Red  | -           | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 13                                    |
| Turn Signal (Left)         | Blue/Orange (LF); Blue/Orange (LR)                       | +           | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 20 (LF); black 51 pin plug (C), pin 19 (LR) |

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|--------------------------|-----------------------------------|------------------|---|
| Turn Signal (Right)      | Blue/Orange (RF); Red/Orange (RR) | +                | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 2 (RF); black 51 pin plug (C), pin 11 (RR) |
| Headlight                | Yellow                            | -                | Headlight-Wiper Switch, black 16 pin plug, pin 15   |
| AutoLights               | Blue                              | - 680 Ohms (Off) | Headlight-Wiper Switch, black 16 pin plug, pin 14   |
| Reverse Light            | Brown                             | +                | Driver Kick, white 48 pin plug (MF11), pin 6  |
| Left Front Door Trigger  | Green                             | -                | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 28   |
| Right Front Door Trigger | Gray                              | -                | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 29   |
| Left Rear Door Trigger   | Pink                              | -                | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 1  |
| Right Rear Door Trigger  | Orange                            | -                | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 25   |
| Dome Light               | Yellow                            | -                | Left Front Pillar, white 36 pin plug (MR11), pin 6  |
| Trunk/Hatch Pin          | Blue                              | -                | IGPM-Dash Fuse Box, white 32 pin plug (D), pin 16   |
| Hood Pin                 | Green                             | -                | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 18   |
| Trunk/Hatch Release      | Pink (rear handle switch)         | -                | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 30   |
| Trunk Release Motor      | Red                               | +                | IGPM-Dash Fuse Box, black 51 pin plug (C), pin 10   |
| Rear Defroster           | Black                             | - Latched        | IGPM-Dash Fuse Box, black 46 pin plug (A), pin 14   |
| Mirror Defroster         | (same as rear defroster)          |                  |   |
| Left Front Heated Seat   | White                             | -                | Left Console Switch, white 16 pin plug, pin 12  |
| Right Front Heated Seat  | Blue                              | -                | Right Console Switch, white 24 pin plug, pin 19   |
| Heated Steering Wheel    | Blue                              | -                | Right Console Switch, white 24 pin plug, pin 1  |
| Speed Sense              | Yellow                            | AC               | Radio, white 38 pin plug, pin 38  |

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| Item                         | Wire Color   | Polarity | Wire Location   |
|------------------------------|--|----------|---|
| Brake Wire                   | Green  | +        | Driver Kick, black 82 pin plug (EM11), pin 27   |
| Brake Wire 2                 | Green (alternate location)                                     | +        | Brake Switch, white 4 pin plug, pin 4   |
| Parking Brake                | (electric parking brake)                                       |          |   |
| Horn Trigger                 | White  | -        | Driver Kick, black 82 pin plug (EM11), pin 77   |
| Horn Trigger 2               | White (alternate location)                                     | -        | Horn Switch-Clock Spring, white 14 pin plug, pin 8  |
| Horn - Factory Alarm         | White  | -        | IGPM-Dash Fuse Box, rear, white 16 pin plug (G), pin 15   |
| Wipers                       | Red/Black  | +        | Passenger Kick, black 82 pin plug (EM61), pin 34  |
| Left Front Window (Up/Down)  | (motor is part of module)                                      |          |   |
| Right Front Window (Up/Down) | Brown - White (w/o auto); (with auto, motor is part of module) | A        | Driver Kick, door harness, black 50 pin plug, pins 41 - 40 (w/o auto)   |
| Left Rear Window (Up/Down)   | Blue - Orange (w/o memory); Yellow - White (with memory)       | A        | Driver Kick, door harness, black 50 pin plug, pins 11 - 10 (w/o memory); Left Rear Window Switch, white 12 pin plug, pins 8 - 11 (with memory)  |
| Right Rear Window (Up/Down)  | Green - Yellow (w/o memory); Brown - Gray (with memory)        | A        | Driver Kick, door harness, black 50 pin plug, pins 31 - 30 (w/o memory); Right Rear Window Switch, white 12 pin plug, pins 8 - 11 (with memory) |
| Sun Roof (Open/Close)        | Orange and Gray (open) (functions with ignition on only)       | Both -   | Sunroof Switch, white 6 pin plug, pins 2, 3   |
| Sun Roof (Limit/Close)       | Gray and Yellow (close) (functions with ignition on only)      | Both -   | Sunroof Switch, white 6 pin plug, pins 3, 4   |
| Memory Seat 1                | Yellow/Orange  | -        | Driver Kick, door harness, black 50 pin plug, pin 43  |
| Memory Seat 2                | Brown  | -        | Driver Kick, door harness, black 50 pin plug, pin 48  |
| Radio 12V                    | Red  | +        | Radio, gray 35 pin plug, pins 10, 11  |
| Radio Ground                 | Black  | -        | Radio, gray 35 pin plug, pins 12, 13  |
| Radio Ignition               | Blue   | +        | Radio, gray 35 pin plug, pin 22   |
| Radio Illumination           | Blue (parking lights); Gray (dimmer)                           | +,-      | Radio, gray 35 pin plug, pin 6 (parking lights); pin 19 (dimmer)  |

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| Item                           | Wire Color                                  | Polarity | Wire Location  |
|--------------------------------|---|----------|--|
| Factory Amp Turn-on            | (M-CAN) (audio is SPDIF)                    |          |  |
| Power Antenna                  | Red   | +        | Radio, gray 35 pin plug, pin 5   |
| Left Front Speaker (+/-)       | White - Black                               | +,-      | Radio, white 38 pin plug, pins 13 - 14   |
| Right Front Speaker (+/-)      | Red - Green                                 | +,-      | Radio, white 38 pin plug, pins 16 - 15   |
| Left Rear Speaker (+/-)        | Yellow - Brown                              | +,-      | Radio, white 38 pin plug, pins 1 - 2   |
| Right Rear Speaker (+/-)       | Orange - Green                              | +,-      | Radio, white 38 pin plug, pins 28 - 27   |
| Left Front Speaker - With Amp  | White - Brown                               | +,-      | Amplifier above driver kick, black 28 pin plug, pins 4 - 19                                |
| Right Front Speaker - With Amp | Red - Green                                 | +,-      | Amplifier above driver kick, black 28 pin plug, pins 3 - 18                                |
| Left Rear Speaker - With Amp   | Yellow - Brown                              | +,-      | Amplifier above driver kick, black 28 pin plug, pins 13 - 26                               |
| Right Rear Speaker - With Amp  | Orange - Gray                               | +,-      | Amplifier above driver kick, black 28 pin plug, pins 12 - 25                               |
| Center Channel - With Amp      | Yellow - Black                              | +,-      | Amplifier above driver kick, black 28 pin plug, pins 14 - 27                               |
| Subwoofer - With Amp           | Brown - White (coil 1); Red - Blue (coil 2) | +,-      | Amplifier above driver kick, black 28 pin plug, pins 2 - 17 (coil 1); pins 1 - 16 (coil 2) |
| Rearview Camera Video          | Red - Black                                 | +,-      | Radio, white 38 pin plug, pins 7 - 21  |

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***What Fits***

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