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### ***Wiring Information***

| Item           | Wire Color       | Polarity | Wire Location   |
|----------------|------------------|----------|---|
| 12 Volts       | Red/Gray (35A)   | +        | VEBCM above driver kick, right black/white 73 pin plug, pin 1             |
| Ground         | (chassis ground) |          |   |
| Starter Kill   | Red/Black        | +        | Engine Compartment, passenger side rear, black 2 pin plug, pin 1          |
| Ignition       | Black/Violet     | +        | VEBCM 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              |
| CAN Bus High   | Orange/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, right black/white 73 pin plug, pin 40            |
| CAN Bus Low 2  | Orange/Brown     | Data     | VEBCM above driver kick, right black/white 73 pin plug, pin 41            |
| CAN Bus High 3 | Green            | Data     | Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 2 |
| CAN Bus Low 3  | Orange/Brown     | Data     | Comfort System Module in left rear quarter panel, blue 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                         |



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| Item                     | Wire Color   | Polarity   | Wire Location  |
|--------------------------|--|------------|--|
| IMMO Antenna             | White  | RF         | Immobilizer Antenna in center console, behind shifter, black 2 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/Violet or 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)                        | -          |  |
| Disarm No Unlock         | (proximity key and push button)                    |            |  |
| Parking Lights           | (fronts are CAN Bus); Gray (LR); Gray (RR)         | +          | Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 4 (LR); black 17 pin plug, pin 7 (RR) |
| Parking Lights -         | (LIN Bus)  |            |  |
| Hazards                  | Red  | -          | VEBCM above driver kick, left black 54 pin plug, pin 31  |
| Turn Signal (Left)       | (front is CAN Bus); Black/White or White/Gray (LR) | +          | Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 14                                    |
| Turn Signal (Right)      | (front is CAN Bus); Yellow/Gray or Black/Blue (RR) | +          | Comfort System Module in left rear quarter panel, black 17 pin plug, pin 5                                     |
| Headlight                | Yellow/Black (L); Yellow or Yellow/Red (R)         | +          | VEBCM above driver kick, middle black 73 pin plug, pin 64 (L); right black/white 73 pin plug, pin 64 (R)       |
| AutoLights               | (LIN Bus)  |            |  |
| Reverse Light            | Black/Blue   | +          | Next To Left Rear Quarter Panel Fuse Box, black 12 pin plug, pin 2   |
| Left Front Door Trigger  | Brown/Green  | -          | 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  |

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| Item                    | Wire Color                                      | Polarity  | Wire Location  |
|-------------------------|---|-----------|--|
| Right Rear Door Trigger | Gray/Violet                                     | -         | Right Rear Door Module, white 20 pin plug, pin 5                                     |
| Dome Light              | (LIN Bus)                                       |           |  |
| Trunk/Hatch Pin         | Yellow  | -         | Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 28           |
| Hood Pin                | Green/Red                                       | -         | VEBCM above driver kick, middle black 73 pin plug, pin 31                            |
| Trunk/Hatch Release     | Red/Green (door switch)                         | -         | Driver Door Module, blue 32 pin plug, pin 23   |
| Trunk-Hatch Release2    | Brown/Yellow (rear handle switch)               | -         | Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 30           |
| Trunk Release Motor     | Green/Red                                       | Reverse   | Comfort System Module in left rear quarter panel, black 20 pin plug, pin 11          |
| Fuel Door Release       | Blue/Red - Blue (fuel door lock/unlock motor)   | Reverse   | Comfort System Module in left rear quarter panel, black 32 pin plug, pins 31 - 30    |
| Tachometer              | Green/Violet                                    | AC        | Camshaft Position Sensor, engine driver side rear, black 3 pin plug, pin 2           |
| Fuel Pump               | Black/Yellow                                    | +         | Driver Kick, harness to rear --or-- Driver Kick Fuse Box, brown fuse holder, fuse 16 |
| Rear Defroster          | Green/Violet                                    | + Latched | Comfort System Module in left rear quarter panel, black 32 pin plug, pin 32          |
| Mirror Defroster        | (CAN Bus)                                       |           |  |
| Left Front Heated Seat  | (CAN Bus)                                       |           |  |
| Right Front Heated Seat | (CAN Bus)                                       |           |  |
| Speed Sense             | (wheel speed sensor)                            |           |  |
| Brake Wire              | Black   | +         | Driver Firewall, harness to engine compartment                                       |
| Parking Brake           | Green/Violet (electric parking brake indicator) | -         | Electric Parking Brake Button, red 10 pin plug, pin 8                                |
| Horn Trigger            | Violet/Red                                      | Reverse   | VEBCM above driver kick, right black/white 73 pin plug, pin 5                        |
| Wipers                  | (LIN Bus)                                       |           |  |
| All Windows Up-Down     | (use factory alarm arm/disarm)                  |           |  |

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| Item                         | Wire Color  | Polarity   | Wire Location                                     |
|------------------------------|---|------------|---|
| 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               | (CAN Bus)   |            |   |
| Left Front Speaker (+/-)     | Gray - Gray/Black                                     | +,-        | Radio in glove box, brown 8 pin plug, pins 3 - 7  |
| Right Front Speaker (+/-)    | White - White/Black                                   | +,-        | Radio in glove box, brown 8 pin plug, pins 2 - 6  |
| Left Rear Speaker (+/-)      | Black/Red - White/Red                                 | +,-        | Radio in glove box, brown 8 pin plug, pins 4 - 8  |
| Right Rear Speaker (+/-)     | Red/Yellow - Brown/Yellow                             | +,-        | 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  |
| Aux. Audio Input Left (+/-)  | Green - Gray  | +,-        | Radio in glove box, green 12 pin plug, pins 7 - 1 |
| Aux. Audio Input Right (+/-) | Yellow - Gray   | +,-        | Radio in glove box, green 12 pin plug, pins 2 - 1 |
| Rearview Camera Video        | White - White or Black (without surround view camera) | +,-        | Radio in glove box, blue 12 pin plug, pins 6 - 12 |

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***What Fits***

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



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***Additional Wiring Notes***

| Item         | Note   |
|--------------|--|
| IMMO Antenna | Also found at the Comfort System Module in left rear quarter panel, black 20 pin plug, pin 10. |
| PTS 1        | Also found at the Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 25.  |
| PTS 2        | Also found at the Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 26.  |
| PTS 3        | Also found at the Comfort System Module in left rear quarter panel, blue 32 pin plug, pin 10.  |