





## Wiring Information

| Item                | Wire Color                               | Polarity | Wire Location                                  |  |
|---------------------|--|----------|--|--|
| 12 Volts            | white (40A)                              | +        | ignition switch                                |  |
| Second 12 Volts     | N/A                                      |          |  |  |
| Starter             | black/white                              | +        | ignition switch                                |  |
| Second Starter      | N/A                                      |          |  |  |
| Ignition            | black/yellow                             | +        | ignition switch                                |  |
| Second Ignition     | N/A                                      |          |  |  |
| Third Ignition      | N/A                                      |          |  |  |
| Accessory           | yellow                                   | +        | ignition switch                                |  |
| Second Accessory    | white/black (not required)               | +        | ignition switch                                |  |
| Third Accessory     | N/A                                      |          |  |  |
| Key Sense           | blue/white to lt. blue                   | -        | ignition key switch                            |  |
| Data Bus            | red (data), blue (synchro)               | data     | Immobilizer Module                             |  |
| Can Bus High        |  |          |  |  |
| Can Bus Low         |  |          |  |  |
| Can Bus Sw          |  |          |  |  |
| Power Lock          | black/white (passenger door lock switch) | -        | driver kick, larger of two attached gray plugs |  |
| Power Unlock        | black/red (passenger door lock switch)   | -        | driver kick, larger of two attached gray plugs |  |
| Lock Motor          | white/red                                | 5 wire   | driver kick panel                              |  |
| Unlock Motor        | yellow/red                               | 5 wire   | motor in driver door                           |  |
| Disarm Defeat       | yellow/red                               | 5 wire   | driver kick panel                              |  |
| Parking Lights (+)  | red/black                                | +        | above fuse box, green plug                     |  |
| Parking Lights (-)  | green/yellow                             | -        | factory alarm (if equipped)                    |  |
| Hazards             |  |          |  |  |
| Turn Signal (Left)  |  |          |  |  |
| Turn Signal (Right) |  |          |  |  |

## Wiring Information (Continued)

| Item                       | Wire Color                                 | Polarity  | Wire Location                                  |  |
|----------------------------|--|-----------|--|--|
| Headlight                  | red/wht (low) 12awg                        | +         | + steering column                              |  |
| AutoLights                 |  |           |  |  |
| Reverse Light              |  |           |  |  |
| Left Front Door Trigger    | It. green/red -                            |           | driver kick, larger of two attached gray plugs |  |
| Right Front Door Trigger   |  |           |  |  |
| Left Rear Door Trigger     |  |           |  |  |
| Right Rear Door Trigger    |  |           |  |  |
| Dome Supervision           | use door trigger                           |           |  |  |
| Trunk/Hatch Pin            | green                                      | -         | top center of fuse box, blue 12 pin plug       |  |
| Rear Glass Pin             |  |           |  |  |
| Hood Pin                   | yellow/red                                 | -         | driver kick panel                              |  |
| Trunk Hatch/Release        | blue/white (functions with doors unlocked) | -         | hatch opener relay, left side of trunk         |  |
| Trunk Release Motor        | yellow/red                                 | +         | hatch opener relay, left side of trunk         |  |
| Fuel Door Release          |  |           |  |  |
| Power Sliding Door (Left)  |  |           |  |  |
| Power Sliding Door (Right) |  |           |  |  |
| Factory Alarm Arm          | factory remote only                        |           |  |  |
| Factory Alarm Disarm       | factory remote only                        |           |  |  |
| Disarm No Unlock           |  |           |  |  |
| Trunk Alarm Shunt          |  |           |  |  |
| Tachometer                 | blue                                       | ac        | test tachometer connector                      |  |
| Wait to Start              |  |           |  |  |
| Neutral Safety             |  |           |  |  |
| Clutch Pedal               | black (input), blue/black (output)         | - N.O.    | clutch switch, 2 pin plug, pins 2 and 1        |  |
| Fuel Pump                  |  |           |  |  |
| Rear Defroster             | blue/yellow                                | - latched | rear defroster switch                          |  |
| Mirror Defroster           |  |           |  |  |
| Left Front Heated Seat     |  |           |  |  |
| Right Front Heated Seat    |  |           |  |  |

## Wiring Information (Continued)

| Item<br>Speed Sense<br>Brake Wire<br>Parking Brake<br>Horn Trigger<br>Wipers | Wire Color<br>orange<br>green/white<br>green/red<br>blue/green<br>blue and blue/yellow | Polarity<br>ac<br>+<br>- | Wire Location<br>instrument cluster<br>brake switch<br>parking brake switch or fuse box |  |
|--|--|--------------------------|---|--|
| Brake Wire<br>Parking Brake<br>Horn Trigger<br>Wipers                        | green/white<br>green/red<br>blue/green<br>blue and blue/yellow                         | +                        | brake switch  |  |
| Parking Brake<br>Horn Trigger<br>Wipers                                      | green/red<br>blue/green<br>blue and blue/yellow  | -                        |   |  |
| Horn Trigger<br>Wipers   | blue/green<br>blue and blue/yellow   |                          | parking brake switch or fuse box  |  |
| Wipers   | blue and blue/yellow   | -                        |   |  |
|  | •  |                          | steering column   |  |
|  |  | -                        | steering column   |  |
| Left Front Window (Up/Down)  | red/blu - red/yel  | A                        | in drivers door   |  |
| Right Front Window (Up/Down)   | blu/yel - blu/grn  | A                        | in drivers door or dkp  |  |
| Left Rear Window (Up/Down)   | green - grn/yel  | A                        | in drivers door or dkp  |  |
| Right Rear Window (Up/Down)  | yel/grn - yellow   | A                        | in drivers door or dkp  |  |
| Sun Roof (Open/Close)  | grn/red - grn/yel  | A                        | sun roof switch   |  |
| Sun Roof (Limit/Close)   |  |                          |   |  |
| Memory Seat 1  |  |                          |   |  |
| Memory Seat 2  |  |                          |   |  |
| Memory Seat 3  |  |                          |   |  |
| Radio 12V  | white/blue   | +                        | radio   |  |
| Radio Ground   | black  | -                        | radio   |  |
| Radio Ignition   | yellow/red   | +                        | radio   |  |
| Radio Illumination   | red/black  | +                        | radio   |  |
| Factory Amp Turn-on  |  |                          |   |  |
| Power Antenna  | yellow/green   | +                        | radio   |  |
| Left Front Speaker (+/-)   | blue/green - gray/black  | +,-                      | radio   |  |
| Right Front Speaker (+/-)  | red/green - brown/black  | +,-                      | radio   |  |
| Left Rear Speaker (+/-)  | blue/yellow - gray/white   | +,-                      | radio   |  |
| Right Rear Speaker (+/-)   | red/yellow - brown/white   | +,-                      | radio   |  |
| Center Channel (+/-)   |  |                          |   |  |
| Subwoofer (+/-)  |  |                          |   |  |
| Aux. Audio Input Left (+/-)  |  |                          |   |  |
| Aux. Audio Input Right (+/-)   |  |                          |   |  |
| RSE Video (+/-)  |  |                          |   |  |
| RSE Audio Left (+/-)   |  |                          |   |  |
| RSE Audio Right (+/-)  |  |                          |   |  |
| Satellite Radio 12 Volts   |  |                          |   |  |
| Satellite Radio Ground   |  |                          |   |  |
| Satellite Radio Ignition   |  |                          |   |  |
| Satellite Radio Antenna  |  |                          |   |  |
| Satellite Audio Left (+/-)   |  |                          |   |  |
| Satellite Audio Right (+/-)  |  |                          |   |  |

#### DirectWire Vehicle Information - 4/8/2013 6:44:39 AM

What Fits

| Item                  | Size | Depth | Location |
|-----------------------|------|-------|----------|
| Headunit              |      |       |          |
| Left Front Speaker    |      |       |          |
| Left Front Tweeter    |      |       |          |
| Right Front Speaker   |      |       |          |
| Right Front Tweeter   |      |       |          |
| Left Rear Speaker     |      |       |          |
| Left Rear Tweeter     |      |       |          |
| Right Rear Speaker    |      |       |          |
| Right Rear Tweeter    |      |       |          |
| Center Channel        |      |       |          |
| Subwoofer             |      |       |          |
| Left Front Headrest   |      |       |          |
| Right Front Headrest  |      |       |          |
| Left Right Headrest   |      |       |          |
| Right Rear Headrest   |      |       |          |
| Satellite Radio Tuner |      |       |          |

# Additional Wiring Notes

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|--------------------|---|--|
| Item               | Note  |  |
| Parking Lights (-) | The factory alarm is under the driver dash.   |  |
| Data Bus           | The Immobilizer Module is around the ignition key switch. The immobilizer ignition is yellow/black, and ground is brown/black.  |  |
|                    | Looks like 14 awg wire but mostly insulation. If equipped with cruise control, the plugs are behind the module. To access, remove the lower bolt on the bracket holding the module and pull it up out of the way. |  |
| Parking Lights (+) | Also a male blade terminal is available in fuse box.  |  |
| Power Lock         | If equipped with cruise control, the plugs are behind the module. To access, remove the lower bolt on the bracket holding the module and pull it up out of the way.   |  |
|                    | If equipped with cruise control, the plugs are behind the module. To access, remove the lower bolt<br>on the bracket holding the module and pull it up out of the way.  |  |
| Tachometer         | The test tachometer connector is a 2 pin connector in the driver side rear corner of the engine compartment. Also found in a 16 pin white or gray plug to the left of the fusebox.                                |  |