

### Wiring Information

| Item                      | Wire Color                      | Polarity | Wire Location   |
|---------------------------|---------------------------------|----------|---|
| 12 Volts                  | white (120A or 140A)            | +        | dash fuse box, white 1 pin plug (IG), pin 1                             |
| Starter                   | white or red                    | +        | Body ECU on back of<br>dash fuse box, white 19<br>pin plug, pin 14 or 4 |
| Ignition                  | yellow                          | +        | dash fuse box, white 8 pin plug (IF), pin 4                             |
| Second Ignition           | pink                            | +        | dash fuse box, white 8 pin plug (IF), pin 3                             |
| Accessory                 | white                           | +        | dash fuse box, white 8 pin plug (IF), pin 5                             |
| PTS 1                     | white                           | -        | engine start stop switch,<br>black 14 pin plug, pin 7                   |
| PTS 2                     | black                           | -        | engine start stop switch,<br>black 14 pin plug, pin 2                   |
| CAN Bus High              | black                           | data     | data link connector, white 16 pin plug, pin 6                           |
| CAN Bus Low               | white                           | data     | data link connector, white<br>16 pin plug, pin 14                       |
| RX DATA                   | white                           | data     | engine start stop switch,<br>black 14 pin plug, pin 10                  |
| TX DATA                   | blue                            | data     | engine start stop switch,<br>black 14 pin plug, pin 9                   |
| IMMO Data                 | It. green (IMO)                 | data     | high behind dash fuse<br>box, white 20 pin plug, pin<br>19              |
| IMMO Data 2               | pink (IMI)                      | data     | high behind dash fuse<br>box, white 20 pin plug, pin<br>8               |
| Security Light            | yellow                          | +        | security light, white 14 pin plug, pin 10                               |
| Power Lock                | pink                            | -        | driver kick, white 12 pin plug, pin 3                                   |
| Power Unlock              | black                           | -        | driver kick, white 12 pin plug, pin 8                                   |
| Lock Motor                | red                             | 5 wire   | driver kick, white 12 pin plug, pin 6                                   |
| Driver Unlock Motor       | black                           | 5 wire   | driver kick, white 12 pin plug, pin 11                                  |
| Passenger Unlock<br>Motor | black                           | 5 wire   | dash fuse box, white 18 pin plug (IH), pin 18                           |
| Factory Alarm Arm         | blue (driver door key lock)     | -        | driver kick, white 12 pin plug, pin 4                                   |
| Factory Alarm Disarm      | pink (driver door key unlock)   | double - | driver kick, white 12 pin plug, pin 9                                   |
| Disarm No Unlock          | (proximity key and push button) |          |   |



| Item                        | Wire Color                       | Polarity  | Wire Location  |
|-----------------------------|----------------------------------|-----------|--|
| Parking Lights (+)          | green                            | +         | dash fuse box, white 30 pin plug (IA), pin 10                      |
| Parking Lights (-)          | white                            | -         | headlight switch, white 20 pin plug, pin 18                        |
| Hazards                     | gray                             | -         | hazard switch, gray 4 pin plug, pin 4                              |
| Turn Signal (Left)          | yellow                           | +         | dash fuse box, white 30 pin plug (IA), pin 27                      |
| Turn Signal (Right)         | blue                             | +         | dash fuse box, white 30 pin plug (IA), pin 28                      |
| Headlight                   | blue                             | -         | headlight switch, white 20 pin plug, pin 20                        |
| AutoLights                  | green (interrupt to turn off)    | -         | headlight switch, white 20 pin plug, pin 19                        |
| Reverse Light               | red                              | +         | dash fuse box, white 30 pin plug (IA), pin 30                      |
| Left Front Door<br>Trigger  | white                            | -         | dash fuse box, white 30 pin plug (IA), pin 21                      |
| Right Front Door<br>Trigger | brown                            | -         | dash fuse box, white 16 pin plug (IC), pin 14                      |
| Left Rear Door<br>Trigger   | It. blue                         | -         | driver kick, white 20 pin plug, pin 13                             |
| Right Rear Door<br>Trigger  | It. green                        | -         | dash fuse box, white 14 pin plug (ID), pin 7                       |
| Dome Light                  | white or white/pink              | -         | dash fuse box, white 6 pin plug (IK), pin 2                        |
| Trunk/Hatch Pin             | It. green                        | -         | dash fuse box, white 30 pin plug (IA), pin 7                       |
| Trunk/Hatch Release         | (locks/unlocks along with doors) |           |  |
| Tachometer                  | gray                             | ac        | data link connector, white 16 pin plug, pin 9                      |
| Fuel Pump                   | yellow                           | +         | dash fuse box, white 30 pin plug (IA), pin 8                       |
| Rear Defroster              | black                            | - latched | dash fuse box, rear, white 13 pin plug (IQ), pin 12                |
| Mirror Defroster            | (same as rear defroster)         |           |  |
| Left Front Heated<br>Seat   | red                              | + latched | seat heater switch, black<br>8 pin plug, pin 6                     |
| Right Front Heated<br>Seat  | blue                             | + latched | seat heater switch, black<br>8 pin plug, pin 3                     |
| Speed Sense                 | purple                           | ac        | radio, white 20 pin plug, pin 3                                    |
| Brake Wire                  | blue                             | +         | brake switch or dash fuse<br>box, white 30 pin plug<br>(IA), pin 9 |
| Parking Brake               | black                            | -         | dash fuse box, white 14 pin plug (ID), pin 4                       |



| Item                            | Wire Color                                    | Polarity | Wire Location  |
|---------------------------------|---|----------|--|
| Horn Trigger                    | It. green                                     | -        | horn switch or dash fuse<br>box, white 32 pin plug<br>(IE), pin 25                     |
| Wipers                          | black (LO); red (HI); blue (ignition)         | +        | wiper switch, white 10 pin plug, pins 3, 4, 2  |
| Left Front Window<br>(Up/Down)  | (motor is part of module)                     |          |  |
| Right Front Window (Up/Down)    | green - brown                                 | A        | driver kick, white 18 pin plug, pins 8 - 17  |
| Left Rear Window<br>(Up/Down)   | red - blue                                    | A        | driver kick, white 12 pin plug, pins 5 - 10  |
| Right Rear Window<br>(Up/Down)  | green - brown                                 | A        | driver kick, white 12 pin plug, pins 7 - 12  |
| Sun Roof<br>(Open/Close)        | gray - green (function with ignition on only) | -        | sunroof switch, black 12 pin plug, pins 9 - 8  |
| Radio 12V                       | blue  | +        | radio, white 10 pin plug,<br>pin 4 or white 20 pin plug,<br>pin 1                      |
| Radio Ground                    | brown   | -        | radio, white 10 pin plug,<br>pin 7 or white 20 pin plug,<br>pin 20                     |
| Radio Ignition                  | gray  | +        | radio, white 10 pin plug,<br>pin 3 or white 20 pin plug,<br>pin 11                     |
| Radio Illumination              | green (parking lights); brown (dimmer)        | +,-      | radio, white 10 pin plug,<br>pin 10; white 6 pin plug,<br>pin 5                        |
| Power Antenna                   | black   | +        | radio, white 10 pin plug,<br>pin 8 or white 20 pin plug,<br>pin 13                     |
| Left Front Speaker (+/-)        | pink - purple                                 | +,-      | radio, white 10 pin plug,<br>pins 2 - 6  |
| Right Front Speaker (+/-)       | It. green - blue                              | +,-      | radio, white 10 pin plug, pins 1 - 5   |
| Left Rear Speaker (+/-)         | black - yellow                                | +,-      | radio, white 6 pin plug, pins 2 - 6  |
| Right Rear Speaker (+/-)        | red - white                                   | +,-      | radio, white 6 pin plug, pins 1 - 3  |
| Subwoofer (+/-)                 | black - green (1); pink - purple (2)          | +,-      | amplifier in right rear<br>quarter panel, white 12<br>pin plug, pins 5 - 12; 4 -<br>10 |
| Aux. Audio Input Left (+/-)     | black - red                                   | +,-      | radio, white 20 pin plug,<br>pins 17 - 16  |
| Aux. Audio Input<br>Right (+/-) | white - red                                   | +,-      | radio, white 20 pin plug,<br>pins 15 - 16  |



### What Fits

| Item                  | Size                              | Depth | Location                             |
|-----------------------|-----------------------------------|-------|--------------------------------------|
| Headunit              | irregular                         |       | center of dash                       |
| Left Front Speaker    | 6.3                               |       | left front door                      |
| Left Front Tweeter    | 2.6                               |       | left front door                      |
| Right Front Speaker   | 6.3                               |       | right front door                     |
| Right Front Tweeter   | 2.6                               |       | right front door                     |
| Left Rear Speaker     | 6.3                               |       | left rear door                       |
| Right Rear Speaker    | 6.3                               |       | right rear door                      |
| Subwoofer             | 7.9                               |       | rear tailgate                        |
| Satellite Radio Tuner | (built into radio on some models) |       | under passenger seat (on the others) |



### **Additional Wiring Notes**

| Item                         | Note  |
|------------------------------|---|
| Left Front<br>Speaker (+/-)  | On vehicles with amplifier, the speaker wires are pink - purple at the amplifier in right rear quarter panel, white 12 pin plug, pins 2 - 1. The tweeter wires are pink - purple at the amplifier, white 10 pin plug, pins 8 - 7.       |
| Left Rear<br>Speaker (+/-)   | On vehicles with amplifier, the speaker wires are black - yellow at the amplifier in right rear quarter panel, white 10 pin plug, pins 3 -9.  |
| Power Lock                   | This wire is only needed if the door locks do not function with the aftermarket system while the vehicle is running. All other times just use the factory alarm arm wire.   |
| Power Unlock                 | This wire is only needed if the door locks do not function with the aftermarket system while the vehicle is running. All other times just use the factory alarm disarm wire.  |
| Radio<br>Illumination        | On JBL systems, they are in the white 20 pin plug, pins 2, 12.  |
| Right Front<br>Speaker (+/-) | On vehicles with amplifier, the speaker wires are lt. green - blue at the amplifier in right rear quarter panel, white 12 pin plug, pins 9 - 3. The tweeter wires are lt. green - blue at the amplifier, white 10 pin plug, pins 2 - 6. |
| Right Rear<br>Speaker (+/-)  | On vehicles with amplifier, the speaker wires are red - white at the amplifier in right rear quarter panel, white 10 pin plug, pins 10 - 4.   |