Here is the wiring info for the vehicle. There are no RCAs to go to the factory amplifier.

|  |
| --- |
| ***2005* Chrysler *300* Boston Acoustics Systems** |
| Image |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **FUNCTION** | **PIN** | **WIRE COLOR** | | **Accessory 12 Volt** | SEE NOTE ¹ | | | **Constant 12 Volt** | 1,12 | GY/L.GN (2X) | | **Chassis Ground** | 11,22 | BK/GN (2X) | | **Power Antenna** |  |  | | **Remote** | SEE NOTE ² | | | **Illumination** |  |  | | **Dimmer** |  |  | | |  |  |  | | --- | --- | --- | | **FUSE VALUE** | **FUSE LABEL** | **FUSEBOX LOCATION** | |  | | | | 20 AMP | #36 | IN TRUNK BESIDE SPARE | |
| |  |  |  | | --- | --- | --- | | **Left + to Amp** | 18 | D.GN/D.BU ² | | **Left - to Amp** | 19 | D.GN/OG ² | | **Right + to Amp** | 21 | GY/D.BU ² | | **Right - to Amp** | 20 | GY/OG ² | | **Hands Free Cellular** | 4 16 17 | GY/OG GN/YW GN | | **PCI Bus Data** | 5 | WT/OG | | **PCI Bus Data** | 6 | WT |   DO NOT USE THESE WIRES! |

|  |  |
| --- | --- |
| **Amplifier Wiring** | |
| Image | Image |
| |  |  |  | | --- | --- | --- | | **FUNCTION** | **PIN** | **WIRE COLOR** | | **L/F Door Spkr +** | 1 | GY/VT | | **R/F Door Spkr +** | 2 | D.GN/VT | | **Left Rear Spkr +** | 3 | D.GN/TN | | **Right Rear Spkr +** | 4 | D.GN/BN | | **Deck Subwoofer +** | 5 | GY/BN\* | | **L/F Door Spkr -** | 7 | GY/YW | | **R/F Door Spkr -** | 8 | D.GN/YW | | **Left Rear Spkr -** | 9 | D.GN/GY | | **Right Rear Spkr -** | 12 | YW/GY | | **Deck Subwoofer -** | 13 | D.GN/BN\* |   The amplifier is protected by a 20A fuse labeled #44 that is located in the fusebox beside the spare tire.  \*These wires are only present in the eight-speaker system. | |  |  |  | | --- | --- | --- | | **FUNCTION** | **PIN** | **WIRE COLOR** | | **Left Dash Spkr +** | 15 | GY/OG | | **Right Dash Spkr +** | 16 | GY/D.GN | | **Center Dash Spkr +** | 17 | GY/BN\* | | **Constant 12 Volt** | 18 | D.GN/GY | | **PCI Bus Data Line** | 20 | WT/OG | | **Left + Input** | 21 | D.GN/D.BU | | **Right + Input** | 22 | GY/D.BU | | **Chassis Ground** | 23 | BK/TN | | **Left Dash Spkr -** | 24 | GY/YW | | **Right Dash Spkr -** | 25 | GY/L.GN | | **Center Dash Spkr -** | 26 | GY/OG\* | | **Constant 12 Volt** | 27 | D.GN/GY | | **PCI Bus Data Line** | 31 | WT | | **Left - Input** | 32 | D.GN/OG | | **Right - Input** | 33 | GY/OG | | **Chassis Ground** | 34 | BK/TN | |

|  |
| --- |
| **Video and Navigation Wires** |
| |  |  |  | | --- | --- | --- | | **FUNCTION** | **LOCATION** | **COLOR** | | **Vehicle Speed Sensor** | (V6 models only)-Pin #32 of 38 pin plug at PCM (conn. color is black/green) PCM located on passengers rear of engine compartment (V8 models use Data system, must add speed pulse generator) | D.GN/BN (V6 only) | | **Reverse Light ( + )** | Pin #17 of 26-pin plug located high in RH kickpanel | WT/L.GN | | **Parking Brake ( - )** | At parking brake switch | GY/BK | | **Brake Light ( + )** | At brake pedal switch | D.GN/WT | |

The factory radio does not have a traditional Accessory 12 Volt lead, rather the radio turns on and off via the data lines in pins #5 and #6. If an aftermarket stereo is installed, a wire must be run to the fusebox to an Accessory 12 Volt fuse.  
  
The amplifier receives a two channel signal from the receiver. The PCI Bus data lines control fading and amp remote functions.  
  
There are two Boston Acoustics Systems available. The six-speaker system has corner dash, front door and rear deck speakers powered by an amplifier (total system power is rated at 288 Watts). The eight-speaker system adds a center dash speaker and rear deck subwoofer also powered by an amplifier (total system power increases to 380 Watts). The amplifier in both systems is located above the driver's side kickpanel.  
  
  
Read more: <http://www.justanswer.com/car-electronics/5o9iz-need-help-installing-pioneer-x930bt-chrysler-300c.html#ixzz3gRfL7CKt>