

2006 Porsche 911 Carrera 997



Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|----------------------------|---------------------------------------|----------|--|
| 12 Volts | red/blue (80A) | + | ignition relay above driver kick |
| Second 12 Volts | red/gray (150A) | + | driver dash fuse holder A |
| Starter | red/gray (for starter kill only) | + | starter relay above driver kick |
| Second Starter | N/A | | |
| Ignition | black (for ignition sense only) | + | ignition relay above driver kick |
| Second Ignition | | | |
| Third Ignition | | | |
| Accessory | black/gray (for accessory sense only) | + | heater relay above driver kick |
| Second Accessory | | | |
| Third Accessory | | | |
| Key Sense | N/A | | |
| Data Bus | | | |
| Can Bus High | yellow | data | VEBCM, 42 pin plug (A), pin 37 |
| Can Bus Low | black | data | VEBCM, 42 pin plug (A), pin 38 |
| Can Bus Sw | N/A | | |
| Power Lock | black/white | - | central lock switch or Rear Control Unit, 23 pin plug (A), 12 |
| Power Unlock | same as power lock | - | |
| Lock Motor | brown/red | 5 wire | Driver Door Control Unit, 20 pin plug, pin 2 |
| Unlock Motor | black/red | 5 wire | Driver Door Control Unit, 20 pin plug, pin 1 |
| Disarm Defeat | black/red | 5 wire | Passenger Door Control Unit, 20 pin plug, pin 1 |
| Parking Lights (+) | gray | + | headlight sw or Front End Control Unit, 42 pin plug (A), pin 29 |
| Parking Lights (-) | N/A | | |
| Hazards | black/orange | - | hazard switch or Front End Control Unit, 42 pin plug (A), pin 28 |
| Turn Signal (Left) | black/white (F); black/white (R) | + | Front End Control Unit, 42 pin plg (B), pin 34; 42 pin plg (A), pin 11 |
| Turn Signal (Right) | black/green (F); black/green (R) | + | Front End Control Unit, 42 pin plg (B), pin 21; 42 pin plg (A), pin 42 |

Wiring Information (Continued)

| Item | Wire Color | Polarity | Wire Location |
|-----------------------------------|---|------------|---|
| Headlight | red | + | headlight sw or Front End Control Unit, 42 pin plug (A), pin 38 |
| AutoLights | yellow/red (interrupt to turn off autolights) | + | headlight switch or VESCM, 42 pin plug (A), pin 33 |
| Reverse Light | black/blue | + | Rear Control Unit, 23 pin plug (A), pin 22 |
| Left Front Door Trigger | green/black | - | Driver Door Control Unit, 20 pin plug, pin 13 |
| Right Front Door Trigger | green/black | - | Passenger Door Control Unit, 20 pin plug, pin 13 |
| Left Rear Door Trigger | N/A | | |
| Right Rear Door Trigger | N/A | | |
| Dome Supervision | brown/purple | - | VESCM, 42 pin plug (A), pin 35 |
| Trunk/Hatch Pin | brown/white | - | Rear Control Unit, 23 pin plug (A), pin 5 |
| Rear Glass Pin | N/A | | |
| Hood Pin | yellow/white | - | Front End Control Unit, 42 pin plug (B), pin 19 |
| Trunk Hatch/Release | white/red (front), red/black (rear) | - | release switch or VESCM, 42 pin plug (A), pins 12 and 13 |
| Trunk Release Motor | blue (rear) | 5 wire | Rear Control Unit, 23 pin plug (A), pin 19 |
| Fuel Door Release | blue | 5 wire | VESCM, 42 pin plug (A), pin 25 |
| Power Sliding Door (Left) | N/A | | |
| Power Sliding Door (Right) | N/A | | |
| Factory Alarm Arm | brown/black | - | Driver Door Control Unit, 20 pin plug, pin 15 |
| Factory Alarm Disarm | same as factory alarm arm | - 250 ohms | |
| Disarm No Unlock | Transponder and ignition | | |
| Trunk Alarm Shunt | N/A | | |
| Tachometer | brown/striped | ac | any fuel injector or ECM, 52 pin plug (C), pins 2, 15, 27, 28, 40, 41 |
| Wait to Start | N/A | | |
| Neutral Safety | N/A | | |
| Clutch Pedal | brown (in), yellow/purple (out) | - N.O. | clutch switch, 2 pin plug, pins B and A |
| Fuel Pump | green/black | + | fuel pump relay above driver kick |
| Rear Defroster | brown/red | + latched | VESCM, 42 pin plug (B), pin 10 |
| Mirror Defroster | white/green | 5 wire | Driver and Passenger Door Control Unit, 12 pin plug, pin 7 |
| Left Front Heated Seat | red/brown | 5 wire | VESCM, 42 pin plug (B), pin 25 |
| Right Front Heated Seat | red/brown | 5 wire | VESCM, 42 pin plug (A), pin 1 |

Wiring Information (Continued)

| Item | Wire Color | Polarity | Wire Location |
|-------------------------------------|--|------------|--|
| Speed Sense | white/brown | ac | Front End Control Unit, 42 pin plug (A), pin 37 |
| Brake Wire | black/yellow (functions with ignition on only) | + | brake switch or Rear Control Unit, 23 pin plug (A), pin 6 |
| Parking Brake | yellow | - | parking brake switch, 2 pin plug, pin 1 |
| Horn Trigger | black/yellow (L), black/orange (H) | + | Front End Control Unit, 42 pin plug (B), pins 22 and 1 |
| Wipers | black/orange (L), black (H) | + | VEBCM, 42 pin plug (B), pins 1 and 4 |
| Left Front Window (Up/Down) | use factory alarm arm/disarm | | |
| Right Front Window (Up/Down) | see left front window | | |
| Left Rear Window (Up/Down) | N/A | | |
| Right Rear Window (Up/Down) | N/A | | |
| Sun Roof (Open/Close) | gray/brown (functions with ignition on only) | - resistor | convertible top/glass roof switch |
| Sun Roof (Limit/Close) | N/A | | |
| Memory Seat 1 | blue/black | - resistor | Driver Door Control Unit, 28 pin plug, pin 27 |
| Memory Seat 2 | same as memory seat 1 | - resistor | |
| Memory Seat 3 | N/A | | |
| Radio 12V | red/green | + | radio, 8 pin plug (A), pin 4 |
| Radio Ground | brown | - | radio, 8 pin plug (A), pin 8 |
| Radio Ignition | (CAN bus) | | |
| Radio Illumination | (CAN bus) | | |
| Factory Amp Turn-on | black/red (base amp), MOST bus (BOSE amp) | + | radio, 8 pin plug (A), pin 2 |
| Power Antenna | white | + | radio, 8 pin plug (A), pin 5 |
| Left Front Speaker (+/-) | gray - gray/brown | +,- | radio, 8 pin plug (B), pins 5 and 6 |
| Right Front Speaker (+/-) | red - red/brown | +,- | radio, 8 pin plug (B), pins 3 and 4 |
| Left Rear Speaker (+/-) | white - white/brown | +,- | radio, 8 pin plug (B), pins 7 and 8 |
| Right Rear Speaker (+/-) | blue - blue/brown | +,- | radio, 8 pin plug (B), pins 1 and 2 |
| Center Channel (+/-) | yellow - yellow/brown | +,- | amp, 20 pin plg, pins 13, 3 (base), 32 pin plg, pins 23, 28 (BOSE) |
| Subwoofer (+/-) | orange - orange/brown (BOSE amp) | +,- | amplifier, 32 pin plug, pins 10 and 22 |
| Aux. Audio Input Left (+/-) | N/A | | |
| Aux. Audio Input Right (+/-) | N/A | | |
| RSE Video (+/-) | N/A | | |
| RSE Audio Left (+/-) | N/A | | |
| RSE Audio Right (+/-) | N/A | | |
| Satellite Radio 12 Volts | N/A | | |
| Satellite Radio Ground | N/A | | |
| Satellite Radio Ignition | N/A | | |
| Satellite Radio Antenna | N/A | | |

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|---|-----|--|--|
| DirectWire Vehicle Information - 3/22/2013 1:11:56 AM | | | |
| Satellite Audio Left (+/-) | N/A | | |
| Satellite Audio Right (+/-) | N/A | | |

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What Fits

| Item | Size | Depth | Location |
|------------------------------|---|-------|---|
| Headunit | irregular | | center of dash |
| Left Front Speaker | 8.0 | | left front door |
| Left Front Tweeter | 1.0 (tweeter), 3.0 (midrange) | | left front dash (tweeter), door (midrange) |
| Right Front Speaker | 8.0 | | right front door |
| Right Front Tweeter | 1.0 (tweeter), 3.0 (midrange) | | right front dash (tweeter), door (midrange) |
| Left Rear Speaker | 3.0 | | left rear side panel |
| Left Rear Tweeter | 1.0 | | left rear side panel |
| Right Rear Speaker | 3.0 | | right rear side panel |
| Right Rear Tweeter | 1.0 | | right rear side panel |
| Center Channel | 2.5 | | top center of dash |
| Subwoofer | 5.25 (x2 in coupe, x1 in cabriolet and targa) | | behind rear seats in enclosure |
| Left Front Headrest | | | |
| Right Front Headrest | | | |
| Left Right Headrest | | | |
| Right Rear Headrest | | | |
| Satellite Radio Tuner | N/A | | |

Additional Wiring Notes

| Item | Note |
|----------------------------------|--|
| Left Front Heated Seat | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Right Front Heated Seat | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Speed Sense | The Front End Control Unit is in the right side of the front luggage compartment. |
| Horn Trigger | The Front End Control Unit is in the right side of the front luggage compartment. |
| Wipers | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Trunk Hatch/Release | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Power Lock | The Rear Control Unit is under the driver seat. |
| Trunk Release Motor | The Rear Control Unit is under the driver seat. The front trunk release motor wire is brown/black (5 wire) at the Front End Control Unit, 42 pin plug (B), pin 36. The Front End Control Unit is in the right side of the front luggage compartment. |
| Hood Pin | The Front End Control Unit is in the right side of the front luggage compartment. |
| Trunk/Hatch Pin | The Rear Control Unit is under the driver seat. |
| Reverse Light | The Rear Control Unit is under the driver seat. |
| Brake Wire | The Rear Control Unit is under the driver seat. |
| Hazards | The Front End Control Unit is in the right side of the front luggage compartment. |
| Turn Signal (Left) | The Front End Control Unit is in the right side of the front luggage compartment. |
| Turn Signal (Right) | The Front End Control Unit is in the right side of the front luggage compartment. |
| AutoLights | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Parking Lights (+) | The Front End Control Unit is in the right side of the front luggage compartment. |
| Headlight | The Front End Control Unit is in the right side of the front luggage compartment. |
| Dome Supervision | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Fuel Door Release | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Factory Alarm Arm | Meter this wire while turning the key in the driver door key cylinder. |
| Can Bus High | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Can Bus Low | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Tachometer | The ECM (Engine Control Module) is in the left front corner of the engine compartment. |
| Rear Defroster | The VESCM (Vehicle Electrical System Control Module) is under the driver dash. |
| Left Front Speaker (+/-) | If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the low range wires are gray - gray/brown at the amplifier, 20 pin plug, pins 9 and 19 (base amp), or green - green/brown, 32 pin plug, pins 5 and 17 (BOSE amp). The high range wires are gray - gray/brown at the amplifier, 32 pin plug, pins 27 and 32 (BOSE amp). |
| Right Front Speaker (+/-) | If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the low range wires are red - red/brown at the amplifier, 20 pin plug, pins 10 and 20 (base amp), or purple - purple/brown, 32 pin plug, pins 4 and 16 (BOSE amp). The high range wires are red - red/brown at the amplifier, 32 pin plug, pins 24 and 29 (BOSE amp). |
| Subwoofer (+/-) | If equipped, the amplifier is in the front luggage compartment. The subwoofer amp turn on wire is white/yellow at the amplifier, 32 pin plug, pin 8. |
| Center Channel (+/-) | If equipped, the amplifier is in the front luggage compartment. |
| Left Rear Speaker (+/-) | If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the speaker wires are white - white/brown at the amplifier, 32 pin plug, pins 25 and 30 (BOSE amp). |
| Right Rear Speaker (+/-) | If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the speaker wires are blue - blue/brown at the amplifier, 32 pin plug, pins 26 and 31 (BOSE amp). |