2006 Chrysler 300/300c

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	lt. blue/red (15A)	+	ignition harness
Second 12 Volts			
Starter	pink/dk. green	+	ignition harness
Second Starter	purple/brown	-	ignition harness
Ignition	pink/white	+	ignition harness
Second Ignition			
Third Ignition			
Accessory	same as second starter wire	-	ignition harness
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	purple/dk. green	-	DKP or cluster, gry 26P plug, pin 5
Power Unlock	same as power lock wire		
Lock Motor	lt. green	5wi	DKP or cluster, gry 26P plug, pin 12
Unlock Motor	tan/lt. green	5wi	DKP or cluster, gry 26P plug, pin 11
Disarm Defeat	tan	5wi	PKP or cluster, gry 26P plug, pin 26
Parking Lights (+)	white/purple	+	pass. kick, brn 26 pin plug, pin 26
Parking Lights (-)	white/brown	-	sw or cluster, gry 26P plug, pin 3
Hazards	white/dk. blue	-	hazard switch
Turn Signal (Left)	use hazards wire		
Turn Signal (Right)	use hazards wire		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	same as parking lights(-) wire	-	sw or cluster, gry 26P plug, pin 3
AutoLights			
Reverse Light	white/lt. green	+	pass. kick, brn 26 pin plug, pin 17
Left Front Door Trigger	see notes	-	each kick or instrument cluster
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	yellow/white	+	instrument cluster, wht plug, pin 12
Trunk/Hatch Pin	purple/orange	-	PKP or cluster, gry 26P plug, pin 23
Rear Glass Pin			
Hood Pin	purple/lt. blue (export only)	-	pin switch under hood
Trunk Hatch/Release	purple/tan	-	sw or cluster, gry 26P plug, pin 22
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock	with ignition and Sentry Key		
Trunk Alarm Shunt			
Tachometer	NOT brown/yellow	ac	any ignition coil or fuel injector
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster	dk. blue	- latched	rear window defogger switch
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	lt. green/gray	-	left heated seat switch
Right Front Heated Seat	lt. green/lt. blue	-	right heated seat switch

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/brown		PCM, bottom plug, pin 32
Brake Wire	dk. green/white	+	brake pedal switch
Parking Brake	gray/black	-	sw or cluster, gry 26P plug, pin 18
Horn Trigger	dk. green/orange	+	horns under hood
Wipers	brown/wht (L), brown/org (H)	+	windshield wiper motor
Left Front Window (Up/Down)	orange/white - orange/lt green	A	driver window switch in door
Right Front Window (Up/Down)	orange/gray - orange/tan	A	driver kick, door harness
Left Rear Window (Up/Down)	orange/gray - orange/white	A	driver kick, door harness
Right Rear Window (Up/Down)	orange/dk blu - orange/lt blu	A	driver kick, door harness
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	purple/brown	-	memory switch in driver door
Memory Seat 2	same as memory seat 1 wire		
Memory Seat 3	N/A		
Radio 12V	gray/lt. green	+	radio harness
Radio Ground	black/lt. green	-	radio harness
Radio Ignition	(CAN Bus)		
Radio Illumination	N/A		
Factory Amp Turn-on	N/A		
Power Antenna	N/A		
Left Front Speaker (+/-)	gray/purple - gray/yellow	+,-	radio harness or amp near column
Right Front Speaker (+/-)	dk. green/pur - dk. green/yel	+,-	radio harness or amp near column
Left Rear Speaker (+/-)	dk. green/tan - dk. green/gray	+,-	radio harness or amp near column
Right Rear Speaker (+/-)	dk. green/brown - yellow/gray	+,-	radio harness or amp near column
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 (+/-)			

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			

Smart Starter Kill Relay

Relay Type:	**Starter Relay**
Part #:	**6404A**
OE Relay Part #:	
Location:	**Engine compartment fusebox, Passenger side, #33**

Notes:
n/a
Alternate Part Notes:
6414A, Fuel Pump Relay #46, Trunk passenger side

Immobilizer Bypass Module

Required:	Yes
Type:	Sentry Key
Part #:	PKU-CH2X
Alternate Part #'s:	556CW, 556UW, DesignTech 20402, DesignTech 29402

Notes:
Standard on all models.

Combo Interface Module

Required:	No
Type:	Data Bus
Part #:	XK532
Alternate Part #'s:	IOM-Chrysler-7

Notes:
When using the combo module it is not necessary to use doc 1084. That part takes care of 2nd starter and accessory, locks, and bypass.

Door Lock Interface Module

Required:	No
Type:	Data Bus
Part #:	XK03
Alternate Part #'s:	456LW

Notes:

Additional Wiring Notes

Item	Note
Accessory	The accessory wire is negative trigger thru a 610 ohm resistor. MUST use a relay. Refer to DirectFax document 1084 for wiring information.
Power Lock	Lock is negative trigger thru a 330 ohm resistor. Unlock is negative trigger thru a 100 ohm resistor. MUST use relays.
Parking Lights (-)	Parking lights are negative trigger thru an 1,670 ohm resistor. There is a rest resistance on the wire, so must use a relay to isolate from the switch.
Headlight	Headlights are negative trigger thru an 1,200 ohm resistor. There is a rest resistance on the wire, so must use a relay to isolate from the switch.
Left Front Door Trigger	The LF door is purple in the white plug, pin 3. The RF door is purple/white in the white plug, pin 16. The LR door is purple/gray in the gray 26 pin plug, pin 10. The RR door is purple/yellow in the gray 26 pin plug, pin 9. Use all four wires and diode isolate each.
Trunk Hatch/Release	The trunk release motor wire is tan/yellow (5wi) in the passenger kick or instrument cluster, white plug, pin 24.
Left Front Window (Up/Down)	The wires listed are for the base models. Except base models, use orange/lt. blue - orange/dk. blue at the LF window motor in the door. Use the 529T only on these models.
Memory Seat 1	Memory seats are negative trigger thru resistors. The resistor values are not known at this time. Cut the wire and meter the values as you press the memory 1 and memory 2 buttons.
Left Rear Speaker (+/-)	On the highline systems, the subwoofer wires are gray/brown - dk. green/brown at the amplifier near the steering column.
Left Front Speaker (+/-)	On the highline systems, the dash speakers are powered separately. The LF dash speaker wires are gray/orange - gray/yellow. The center dash speaker wires are gray/brown - gray/orange. These wires are at the amplifier near the steering column.
Right Front Speaker (+/-)	On the highline systems, the dash speakers are powered separately. The RF dash speaker wires are gray/dk. green - gray/lt. green. These wires are at the amplifier near the steering column.
Second Starter	The second starter wire is negative trigger thru an 180 ohm resistor. MUST use a relay. Refer to DirectFax document 1084 for wiring information.
Dome Supervision	Also found in the passenger side A pillar.
Speed Sense	The PCM (Powertrain Control Module) is on the passenger side firewall.
Right Front Window (Up/Down)	The wires listed are for the base models. Except base models, use dk. blue/orange - lt. green/orange at the RF window motor in the door. Use the 529T only on these models.