

2001 Chrysler Voyager

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	lt. blue/red (10A)	+	ignition harness
Second 12 Volts			
Starter	yellow	+	ignition harness
Second Starter	purple/brown	-	ignition harness
Ignition	pink/white	+	ignition harness
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	not required for remote start		
Second Accessory	N/A		
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	purple/green	-	conn. 3, pin 21 @ BCM
Power Unlock	same wire as power lock		
Lock Motor	tan/white		conn. 2, pin 10 @ BCM
Unlock Motor	tan/lt. green		conn. 2, pin 28 @ BCM
Disarm Defeat	tan/brown		conn. 2, pin 26 @ BCM
Parking Lights (+)	DO NOT USE		
Parking Lights (-)	white/brown	-	headlight switch
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/brown	-	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger		-	conn. 3 @ BCM
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	use door trigger		
Trunk/Hatch Pin	purple/orange	-	conn. 3, pin 29 @ BCM
Rear Glass Pin			
Hood Pin	purple/lt. blue	-	conn. 3, pin 30 @ BCM
Trunk Hatch/Release	purple/tan	-	conn. 2, pin 6 @ BCM
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	purple/blue	-	conn. 3, pin 1 @ BCM
Power Sliding Door (Right)			
Factory Alarm Arm	purple/lt. blue	-	conn. 3, pin 14 @ BCM
Factory Alarm Disarm	same wire as alarm arm		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer			ignition coil pack
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	blue/orange		PCM
Brake Wire	white/tan	+	brake pedal switch
Parking Brake			
Horn Trigger	green/purple	-	steering column
Wipers	brn/wht & brn/org	+	windshield wiper motor
Left Front Window (Up/Down)	org/lt grn - org/wht	A	driver window switch
Right Front Window (Up/Down)	org/tan - org/gry	A	driver kick panel
Left Rear Window (Up/Down)	org/blu - org/lt blu	A	driver kick panel
Right Rear Window (Up/Down)	org/gry - org/grn	A	driver kick panel
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V	gray/red	+	radio harness
Radio Ground			
Radio Ignition	blue/pink	+	radio harness
Radio Illumination	orange/tan	+	radio harness
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)	green - grn/brn		radio harness
Right Front Speaker (+/-)	gray - gray/brn		radio harness
Left Rear Speaker (+/-)	grn/blu - grn/org		radio harness
Right Rear Speaker (+/-)	gry/blu - gry/org		radio harness
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:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Sentry Key
Part #:	555CW
Alternate Part #'s:	556UW, DesignTech 20402, DesignTech 29402

Notes:
Only vehicles with gray keys have the immobilizer.

Door Lock Interface Module

Required:	No
Type:	Multiplex
Part #:	456LW
Alternate Part #'s:	

Notes:

Additional Wiring Notes

Item	Note
Headlight	Headlights are negative trigger thru a 790 ohm resistor. There is a rest resistance on the wire, so MUST use a relay to isolate away from the switch. See directfax document #1082 for wiring information.
Trunk Hatch/Release	Hatch release is negative trigger thru a 1.69K ohm resistor. MUST use a relay. The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Power Sliding Door (Left)	Left power sliding door is negative trigger thru a 1.5K ohm resistor. Right pwer sliding door is negative trigger thru a 2.7K ohm resistor. MUST use relays. The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Second Starter	The second start wire is negative trigger thru a 180 ohm resistor. MUST use a relay. Refer to directfax document #1083 for wiring information.
12 Volts	This wire is rated at 10 amps only. If installing any system with high current outputs, go to battery for 12v.
Passenger Unlock Motor	The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Left Front Door Trigger	There are separate door triggers for each door, they are all in connector 3 at the BCM. The driver door trigger is purple in pin 6, the passenger door is purple/white in pin 7, the left sliding door is purple/gray in pin 8, and the right sliding door is purple/yellow in pin 5. Use all four and diode isolate each. See directfax document #1076 for wiring information. The BCM is in the drivers kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Driver Unlock Motor	The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Factory Alarm Arm	Arm is negative trigger thru a 1.5K ohm resistor, this will also lock the doors. Disarm is negative trigger thru a 9.1K ohm resistor, if use double pulse this will also unlock the doors. MUST use relays. The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Hood Pin	The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Lock Motor	The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Parking Lights (-)	The parking lights are negative trigger thru a 2.1K ohm resistor. The headlights are negative trigger thru a 790 ohm resistor. There is a rest resistance on the wire, so MUST use a relay to isolate away from the switch. See directfax document #1082 for wiring information.
Power Lock	Lock is negative trigger thru a 5.3K ohm resistor. Unlock is negative trigger thru a 2.0K ohm resistor. MUST use relays. The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Tachometer	On the 2.4L use blue/green or blue/tan. On the 3.3L/3.8L use blue/green, blue/tan or blue/orange.
Trunk/Hatch Pin	A diode must be placed inline on this wire to avoid problems with the dome lights and parking lights. The BCM (Body Control Module) is in the driver kick panel near the parking brake. It has 5 plugs in it, one 6 pin plug and four 34 pin plugs.
Speed Sense	The PCM is behind the driver side headlight. VSS is in the gray plug, pin 66.