

2000 Jeep Grand Cherokee - North America			
Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	ignition harness
Second 12 Volts	pink/black	+	ignition harness
Ground	(chassis ground)		
Starter	yellow	+	ignition harness
Ignition	dk. blue	+	ignition harness
Accessory	red/black	+	ignition harness
Second Accessory	black/orange	+	ignition harness
J1850	yellow/violet (PCI BUS)	data	data link connector, black 16 pin plug, pin 2
IMMO Data	yellow/violet/black (PCI BUS)	data	Sentry Key Immobilizer Module, black 6 pin plug, pin 5
Power Lock	use Directed interface module		
Power Unlock	see power lock		
Lock Motor	orange/black	5wi	driver door lock switch
Driver Unlock Motor	pink/black	5wi	driver door lock switch
Passenger Unlock Motor	pink/violet	5wi	passenger kick panel
Factory Alarm Arm	use Directed interface module		
Factory Alarm Disarm	use Directed interface module		
Parking Lights	use negative wire		
Parking Lights -	yellow (see Tech Doc 1082)	-1300 ohms	headlight switch, white 11 pin plug, pin 11
Hazards	dk. blue/pink	-	hazard switch
Headlight	yellow	- 330 ohms	headlight switch, white 11 pin plug, pin 11
Left Front Door Trigger	see notes	-	see notes
Dome Light	yellow/dk. green	-	BCM, above diagnostic plug
Trunk/Hatch Pin	tan/black	-	BCM, above diagnostic plug
Tachometer	see notes	ac	see notes
Rear Defroster	black/white	-	A/C heater control, white 11 pin plug, pin 5 or black 16 pin plug, pin 14
Mirror Defroster	(same as rear defroster)		
Speed Sense	white/orange		cluster or PCM, pass. side firewall
Brake Wire	white/tan	+	brake pedal switch
Horn Trigger	gray/orange	-	horn switch
Wipers	dk. green/red	-	windshield wiper switch
Left Front Window (Up/Down)	lt. blue - white	A	driver door lock switch
Right Front Window (Up/Down)	brown - violet	A	passenger door lock switch
Left Rear Window (Up/Down)	dk. blue - red/white	B	driver kick panel
Right Rear Window (Up/Down)	gray - dk. green	B	passenger kick panel
Radio 12V	red/white	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	white/red	+	radio harness
Left Front Speaker (+/-)	green/orange - brown/red	+,-	radio harness
Right Front Speaker (+/-)	violet - blue/pink	+,-	radio harness
Left Rear Speaker (+/-)	white/green - green/white	+,-	radio harness
Right Rear Speaker (+/-)	green/white - blue/orange	+,-	radio harness

#### Wiring Photo and Notes: Power Lock

**Wiring Photo and Notes: Power Lock**



Use DEI part number 455J door lock interface control module. This will control door lock, unlock, arm, disarm, dome light supervision and more.

**Wiring Photo and Notes: Factory Alarm Arm**



Can also use DEI part number 455J door lock interface control module. This will control door lock, unlock, arm, disarm, dome light supervision and more.

**Wiring Photo and Notes: Factory Alarm Disarm**

**Wiring Photo and Notes: Factory Alarm Disarm**

There is currently  
no photo for this item.

If an interface module is not available, use lt. green/orange at the driver door lock switch in the door. It is negative trigger thru a 463 ohm resistor. MUST use a relay.

**Wiring Photo and Notes: Hazards**

There is currently  
no photo for this item.

The dk. blue/pink will flash the hazard lights. They will flash even with a latch input to the wire.

**Wiring Photo and Notes: Headlight**

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There is currently  
no photo for this item.

Use 80 ohms to ground on the same wire to operate both the headlights and parking lights.

**Wiring Photo and Notes: Left Front Door Trigger**

There is currently  
no photo for this item.

There are 4 separate door triggers wire, one for each door. Use all 4 wires and diode isolate each together. The drivers door is tan/red at the drivers door lock switch. The passenger door is tan/red at the passengers door lock switch. The drivers rear door is tan/orange and the passengers rear door is tan/yellow at the BCM. WHEN USING A 455J INTERFACE MODULE, IT IS NOT NECESSARY TO USE THE SEPARATE TRIGGER WIRES. USE THE YELLOW WIRE AT THE UNDERDASH LIGHT FOR DOOR TRIGGER.

**Wiring Photo and Notes: Dome Light**

**Wiring Photo and Notes: Dome Light**

There is currently  
no photo for this item.

Can also use DEI part number 455J door lock interface control module. This will control door lock, unlock, arm, disarm, dome light supervision and more.

**Wiring Photo and Notes: Tachometer**

There is currently  
no photo for this item.

The 4.7L motor has a separate coil for each cylinder. Go to any coil and use any wire that is NOT dk. green/orange. On the 4.0L motor use any of the tan/stripe wires at the coil pack, or go to one of the fuel injector and use the wire that is NOT dk. green/orange.

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