

## 2000 Dodge RAM



## Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red and pink/black	+	ignition harness
Second 12 Volts			
Starter	yellow	+	ignition harness
Second Starter			
Ignition	dk. blue	+	ignition harness
Second Ignition			
Third Ignition			
Accessory	black/orange	+	ignition harness
Second Accessory	black/white	+	ignition harness
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	orange/purple	5wi	driver door harness
Power Unlock	pink/purple	5wi	driver door harness
Lock Motor	orange/black		driver door harness
Unlock Motor	pink/black		driver door harness
Disarm Defeat	no progressive unlck		
Parking Lights (+)	black/yellow		headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
Headlight	lt. green	-	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger	yellow	-	headlight switch or DKP
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	use door trigger		
Trunk/Hatch Pin			
Rear Glass Pin			
Hood Pin			
Trunk Hatch/Release			
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	lt. green/orange	-	driver door harness
Factory Alarm Disarm	same wire		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	black/gray		ignition coil
Wait to Start	orange/black	-	center of firewall, black plug
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	white/orange		C2, pin 27 @ PCM
Brake Wire	white/tan	+	brake pedal switch
Parking Brake			
Horn Trigger	black/red	-	steering column
Wipers	red/blk & red/yel	+	steering column
Left Front Window (Up/Down)	lt. blue - white	A	drivers window switch
Right Front Window (Up/Down)	brn/wht - pur/wht	A	driver door harness
Left Rear Window (Up/Down)			
Right Rear Window (Up/Down)			
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V	pink	+	radio
Radio Ground	black/blue	-	radio
Radio Ignition	red/white	+	radio
Radio Illumination	orange (dimmer)	+	radio
Factory Amp Turn-on	lt. green	+	radio
Power Antenna			
Left Front Speaker (+/-)	green - brn/red		radio
Right Front Speaker (+/-)	purple - blu/red		radio
Left Rear Speaker (+/-)	brn/yel - brn/lt blu		radio
Right Rear Speaker (+/-)	blu/wht - blu/org		radio
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*

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Item	Size	Depth	Location
<b>Headunit</b>			
<b>Left Front Speaker</b>			
<b>Left Front Tweeter</b>			
<b>Right Front Speaker</b>			
<b>Right Front Tweeter</b>			
<b>Left Rear Speaker</b>			
<b>Left Rear Tweeter</b>			
<b>Right Rear Speaker</b>			
<b>Right Rear Tweeter</b>			
<b>Center Channel</b>			
<b>Subwoofer</b>			
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			

*Additional Wiring Notes*

Item	Note
<b>Wait to Start</b>	See DirectFax document 1090. There are two black plugs, the wire is in the top plug without the white insert. If using the orange/black for wait to start causes a shifting or cruise control problem then use a pulse timer relay instead. Refer to DirectFax 1091 for wiring information.
<b>Left Front Door Trigger</b>	To avoid dome delay, use tan for the drivers door and black/lt. blue for the passenger door. Both wires are located at the central timer module to the right side of the steering column. Use both wires and diode isolate each.
<b>Headlight</b>	This wire requires a high current negative, must use relay.
<b>Power Lock</b>	Keyless models use positive trigger for lock, and 5-wire for unlock. Can also find wires at the central timer module to the right side of the steering column, lock is orange/green, unlock is pink/green.
<b>Power Unlock</b>	Keyless models use positive trigger for lock, and 5-wire for unlock. Can also find wires at the central timer module to the right side of the steering column, lock is orange/green, unlock is pink/green.
<b>Tachometer</b>	Diesel tach wire is gray/black. The wire is located on the center of the firewall. There are two black plugs, the wire is in the top plug without the white insert. The tach wire can also be found at the ECM on the passenger side firewall in connector C-1, pin 8.
<b>Factory Alarm Arm</b>	Arm is negative trigger thru a 644 ohm resistor. Disarm is negative trigger through a 1.5K (1500) ohm resistor. MUST use relays.
<b>Wait to Start</b>	See DirectFax document 1090. There are two black plugs, the wire is in the top plug without the white insert. If using the orange/black for wait to start causes a shifting or cruise control problem then use a pulse timer relay instead. Refer to DirectFax 1091 for wiring information.