

DIRECTWIRE™ WIRING INFORMATION - DODGE / RAM PICKUP / 2005 / Remote Start

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<u>12volts</u>	red (40A), red (40A)	+	ignition harness
<u>Starter</u>	yellow	+	ignition harness
<u>Second Starter</u>	N/A		
<u>Ignition</u>	pink/white	+	ignition harness
<u>Second Ignition</u>	pink/lt. green	+	ignition harness
<u>Third Ignition</u>	pink/yellow (10 AWG)(3rd acc)	+	ignition harness
Notes: This wire is not required for remote start. It only provides power to the power window circuit.			
<u>Accessory</u>	dk. blue and pink/yel (16 AWG)	+	ignition harness
<u>Second Accessory</u>	pink/yellow (14 AWG)	+	ignition harness
<u>Keysense</u>	purple/tan	-	ignition harness
<u>Power Lock</u>	purple/dk. green	-	driver kick, door harness
Notes: Lock is negative trigger thru an 820 ohm resistor. Unlock is negative trigger thru a 330 ohm resistor. MUST use relays.			
Can also use Directed 457C or 456L interface modules.			
<u>Power Unlock</u>	same as power lock wire		
<u>Lock Motor</u>	lt. green	5wi	driver kick, door harness
<u>Unlock Motor</u>	tan/lt. green	5wi	driver kick, door harness
<u>Parking Lights+</u>	white/yel (L), white/gray (R)	+	harness at top of driver fender
<u>Parking Lights-</u>	white/lt. green	-	headlight switch
Notes: Parking lights are negative trigger thru a 590 ohm resistor. MUST use a relay.			
<u>Hazards</u>	white/orange	-	hazard switch
Notes: Hazards are negative trigger thru a 120 ohm resistor. MUST use a relay.			
<u>Turn Signal(L)</u>	use hazards wire		
<u>Turn Signal(R)</u>	use hazards wire		
<u>Reverse Light</u>	white/lt. green	+	inside mirror or plug by PCM
Notes: The PCM is on the passenger side firewall.			
<u>Door Trigger</u>	see notes	-	see notes
Notes: The driver door trigger is purple and the driver side rear door is purple/orange. These wires are in the driver kick panel. The passenger door trigger is purple/white and the passenger side rear door is purple/yellow. These wires are in the passenger kick panel. Use all four wires and diode isolate each. See DirectFax document 1076 for wiring information.			
<u>Dome Supervision</u>	yellow/lt. blue or yellow/org	+	driver A pillar or cluster
<u>Trunk/Hatch Pin</u>	N/A		
<u>Hood Pin</u>	N/A		
<u>Trunk/Hatch Release</u>	N/A		
<u>Power Sliding Door</u>	N/A		
<u>Factory Alarm Arm</u>	purple/lt. blue	-	driver kick, door harness
Notes: This will also do door locks. Arm/lock is negative trigger thru a 644 ohm resistor. Disarm/unlock is negative trigger thru a 1565 ohm resistor. Single pulse will do disarm without unlocking the doors. Unlock requires a double pulse. MUST use relays.			
Can also use Directed 457C or 456L interface modules.			

Factory Alarm Disarm	same as factory alarm arm wire		
Disarm No Unlock	see factory alarm disarm		
Tachometer	dk. blue/gray	ac	PCM, orange plug, pin 34
Notes: The PCM is on the passenger side firewall.			
On SRT-10 models, the tach wire is in the black plug, pin 18.			
On diesel models, the tach wire is at the ECM on the lower driver side of the engine, 60 pin plug, pin 24, or at the camshaft position sensor just left of the ECM, in a 3 pin plug.			
On gas models, can also go to any ignition coil or fuel injector and use the wire that is NOT brown/white.			
Wait to start	see DirectFax document 1091		
Notes: On the remote start, make sure to program the Accessory State During Wait To Start to ON.			
Brake Wire	white/tan	+	brake pedal switch
Parking Brake	dk. green/white	-	parking brake switch
Horn Trigger	dk. green/purple	-	horn switch
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		

Interface Module:	Category: Immobilizer Bypass	Required: Yes	Type: Sentry Key
Part #: 555CW			
Alternate Part1 #: 556UW			
Alternate Part2 #: DesignTech 20402			
Alternate Part3 #: DesignTech 29402			
Notes: Only vehicles with gray keys have the immobilizer.			
Interface Module:	Category: Door Lock Interface	Required: Yes	Type: Data Bus
Part #: 457CW			
Alternate Part1 #: 456LW			
Notes:			

DISCLAIMER

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