2003 Dodge/Ram RAM - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	pink/black	+	ignition harness
Second 12 Volts	red/white	+	ignition harness
Ground	(chassis ground)		
Starter	yellow	+	ignition harness
Ignition	blue (16 awg)	+	ignition harness
Second Ignition	red or red/white	+	ignition harness
Accessory	green	+	ignition harness
Second Accessory	orange	+	ignition harness
Third Accessory	blue	+	ignition harness
Fourth Accessory	black/white (not required)	+	ignition harness
Ignition Interrupt	lt. green/black	cut	Sentry Key Immobilizer Module, black 6 pin plug, pin 4
Keysense	lt. blue	-	ignition harness
J1850	lt. blue/violet (PCI BUS)	data	data link connector, black 16 pin plug, pin 2
IMMO Data	violet/white (PCI BUS)	data	Sentry Key Immobilizer Module, black 6 pin plug, pin 2
Power Lock	white/green	- 820 ohms	driver kick, door harness
Power Unlock	same as power lock	- 330 ohms	
Lock Motor	tan/pnk or tan/blk		driver kick panel
Driver Unlock Motor	blue		driver kick panel
Passenger Unlock Motor	tan/white		passenger kick panel
Factory Alarm Arm	lt. green/orange	-2000 ohms	driver kick, door harness
Factory Alarm Disarm	same as factory alarm arm	- 480 ohms	
Disarm No Unlock	see factory alarm disarm		
Parking Lights	black/yellow	+	relay under hood at pwr ctr
Parking Lights -	violet/yellow (see Tech Doc 1082)	- 330 or - 1400 ohms	headlight switch, black 8 pin plug, pin 8
Headlight	violet/yellow (need to relay isolate from switch)	- 470 ohms	headlight switch, black 8 pin plug, pin 8
Reverse Light	violet/black	+	automatic day/night mirror
Left Front Door Trigger	tan	-	driver kick panel
Right Front Door Trigger	tan/red	-	passenger kick panel
Left Rear Door Trigger	tan/orange or violet/orange	-	driver kick panel

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Item	Wire Color	Polarity	Wire Location
Right Rear Door Trigger	tan/yellow	-	passenger kick panel
Dome Light	brown	-	driver A pillar or cluster
Tachometer	NOT green/orange	ac	ign coi, coil pack, or injector
Wait to Start	(see Tech Doc 1091)		
Speed Sense	white/orange		conn. 2, pin 27 @ PCM
Brake Wire	white/tan	+	brake pedal switch
Parking Brake	white/lt. green	-	parking brake switch
Horn Trigger	black/red	-	steering column
Wipers	brn/wht (L), red/yel (H)	+	wiper motor
Left Front Window (Up/Down)	lt. blue - white	A	driver window switch
Right Front Window (Up/Down)	brn/wht - pur/wht	A	driver kick panel
Left Rear Window (Up/Down)	red/blk - blu/wht	A	driver kick panel
Right Rear Window (Up/Down)	grn/wht - gry/blk	A	driver kick panel
Radio 12V	pink	+	radio harness
Radio Ground	black/green	-	radio harness
Radio Ignition	brown/red	+	radio harness
Radio Illumination	orange/blue (dimmer)	+	radio harness
Left Front Speaker (+/-)	lt. grn/red - lt. grn/grn		radio harness or amplifier
Right Front Speaker (+/-)	lt. blu/pur - lt. blu/blk		radio harness or amplifier
Left Rear Speaker (+/-)	wht/red - wht/blk		radio harness or amplifier
Right Rear Speaker (+/-)	tan/pur - tan/blk		radio harness or amplifier

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What Fits

Item	Size	Depth	Location

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Additional Wiring Notes

Item	Note
Left Front Door Trigger	Use all door trigger wires and diode isolate each. See Tech Doc 1076 for wiring information.
Left Front Speaker (+/-)	The amplifier is located behind the glove box.
Left Rear Speaker (+/-)	The amplifier is located behind the glove box.
Right Front Speaker (+/-)	The amplifier is located behind the glove box.
Right Rear Speaker (+/-)	The amplifier is located behind the glove box.
Tachometer	Diesel tach wire use blue/red at the PCM, black plug towards front of engine, pin 24.
Speed Sense	The PCM (Powertrain Control Module) is on the passenger side firewall. On the 4.7L motor, the VSS is white/orange in conn. 1, pin 13. On the 5.7L motor, the VSS is dk. green/yellow in conn. 1, pin 13.
Wait to Start	On the remote start, make sure to program the Accessory State During Wait To Start to ON.