

DirectWire

2005 Dodge/Ram Viper SRT/10 - North America

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (30A)	+	ignition harness
Ground	(chassis ground)		
Starter	yellow/orange or pink/orange	+	starter switch or BCM in driver kick, conn. C3, pin 27
Ignition	red/orange	+	ignition harness
J1850	white/violet (PCI bus)	data	data link connector, black 16 pin plug, pin 2
Power Lock	lt. green/yellow	-1500 ohms	BCM in driver kick, conn. C3, pin 21
Power Unlock	same as power lock wire	- 249 ohms	
Lock Motor	no door lock motor in doors		
Driver Unlock Motor	no door lock motor in doors		
Passenger Unlock Motor	no door lock motor in doors		
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	violet/lt. blue (driver door key unlock)	-1970 ohms	BCM in driver kick, conn. C3, pin 14
Parking Lights	white/yellow	+	BCM in driver kick, conn. C2, pin 33
Parking Lights -	white/black	-	BCM in driver kick, conn. C4, pin 21
Hazards	same as turn signal wires		
Turn Signal (Left)	lt. green (F), wht/dk. grn (R)	+	turn signal switch
Turn Signal (Right)	tan (F), white/red (R)	+	turn signal switch
Headlight	white/brown	-	BCM in driver kick, conn. C2, pin 24
Reverse Light	white/lt. green	+	reverse light in trunk
Left Front Door Trigger	violet	-	BCM in driver kick, conn. C3, pin 6
Right Front Door Trigger	violet/white	-	BCM in driver kick, conn. C3, pin 16
Dome Light	black/brown	+	BCM in driver kick, conn. C4, pin 12
Trunk/Hatch Pin	violet/orange	-	BCM in driver kick, conn. C3, pin 8
Hood Pin	violet/lt. blue	-	BCM in driver kick, conn. C4, pin 32
Trunk/Hatch Release	white/tan to white	+	BCM in driver kick, conn. C2, pin 32
Tachometer	NOT brown/white	ac	ign. coil pack or any fuel injector
Clutch Pedal	pink/orange	+	clutch switch, green 2 pin plug, pin 2 or BCM in driver kick, conn. C3, pin 27
Speed Sense	violet/orange		PCM, white plug, pin 27
Brake Wire	white/tan	+	brake pedal switch
Parking Brake	violet/tan	-	parking brake switch or cluster
Horn Trigger	dk. green/white	-	BCM in driver kick, conn. C2, pin 17
Wipers	brown (L), brown/orange (H)	+	windshield wiper switch
Left Front Window (Up/Down)	orange/dk. blue - orange/white	A	BCM in driver kick, conn. C2, pins 29 and 31
Right Front Window (Up/Down)	orange/brown - orange/yellow	A	passenger window relays near column
Radio 12V	gray/red	+	radio harness
Radio Ground	black/lt. green	-	radio harness
Radio Ignition	red/white	+	radio harness
Radio Illumination	orange/brown (dimmer)	+	radio harness
Factory Amp Turn-on	same as power antenna wire		
Power Antenna	dk. green/red	+	radio harness
Left Front Speaker (+/-)	gray/violet - gray/yellow	+,-	amplifier under passenger seat
Right Front Speaker (+/-)	dk. green/pur - dk. green/yel	+,-	amplifier under passenger seat
Left Rear Speaker (+/-)	dk. green/tan - dk. green/gray	+,-	amplifier under passenger seat
Right Rear Speaker (+/-)	dk. green/orange - yellow/gray	+,-	amplifier under passenger seat

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Additional Wiring Notes

Item	Note
Power Lock	To pop open the driver door use a negative trigger thru a 3570 ohms resistor on the same wire. To pop open the passenger door use a negative trigger thru a 3570 ohms resistor on a lt. green/lt. blue wire in conn. C3, pin 22 at the BCM in driver kick.
Speed Sense	The PCM (Powertrain Control Module) is in the left front of the engine compartment.
Left Front Window (Up/Down)	May not be possible to install window automation systems because of the smart glass feature on the vehicle.
Right Front Window (Up/Down)	May not be possible to install window automation systems because of the smart glass feature on the vehicle.
Left Front Speaker (+/-)	The left dash speaker wires are gray/orange - gray.
Right Front Speaker (+/-)	The right dash speaker wires are gray/dk. green - gray/lt. green.
Left Rear Speaker (+/-)	The left rear woofer wires are gray/brown - dk. green/brown.
Right Rear Speaker (+/-)	The right rear woofer wires are gray/white - dk. green/white.