

2010 Dodge/Ram Charger - Requested by: ampire.de



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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/white (40A)	+	passenger kick, harness to rear
Second 12 Volts	lt. blue/red (15A)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 1
Ground	(chassis ground)		
Starter	lt. green or yellow/gray (for starter kill only)	+	starter or TIPM/underhood fuse box, green 26 pin plug, pin 23
Ignition	pink/white (for ignition sense only)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 3
Accessory	red/orange (for accessory sense only)	+	cigar lighter
Data Bus	INTERFACE MODULE IS REQUIRED FOR REMOTE START		
CAN Bus High	white/black (CAN C BUS)	data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 5
CAN Bus Low	white/lt. blue (CAN C BUS)	data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 6
CAN Bus High 2	white/orange (CAN B BUS)	data	steering column harness
CAN Bus Low 2	white (CAN B BUS)	data	steering column harness
Power Lock	violet/dk. green	- 330 ohms	driver kick or instrument cluster, gray 26 pin plug, pin 5
Power Unlock	same as power lock	- 100 ohms	
Lock Motor	lt. green	5 wire	driver kick or instrument cluster, gray 26 pin plug, pin 12
Driver Unlock Motor	tan/lt. green	5 wire	driver kick or instrument cluster, gray 26 pin plug, pin 11
Passenger Unlock Motor	tan	5 wire	driver kick or instrument cluster, gray 26 pin plug, pin 26
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	see disarm no unlock		
Disarm No Unlock	Sentry Key and ignition		
Parking Lights	white/violet	+	passenger kick, harness to rear
Parking Lights -	white/brown (see Tech Doc 1082)	- 1670 ohms	headlight switch, black 10 pin plug, pin 1
Hazards	white/dk. blue	-	hazard switch, black 12 pin plug, pin 1

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Turn Signal (Left)	white/lt. green (F); white/dk. green (R)	+	TIPM/underhood fuse box, green 16 pin plug, pin 10; green 26 pin plug, pin 10
Turn Signal (Right)	white/tan (F); white/yellow (R)	+	TIPM/underhood fuse box, green 16 pin plug, pin 3; green 26 pin plug, pin 4
Headlight	white/brown	- 1200 ohms	headlight switch, black 10 pin plug, pin 1
AutoLights	same as headlight		
Reverse Light	white/lt. green	+	passenger kick, harness to rear
Left Front Door Trigger	violet	-	driver kick or instrument cluster, white 26 pin plug, pin 3
Right Front Door Trigger	violet/white	-	pass kick or instr cluster, wht 26 pin plug, pin 16
Left Rear Door Trigger	violet/yellow to violet/gray	-	dr kick or instr cluster, gray 26 pin plug, pin 10
Right Rear Door Trigger	violet/yellow	-	pass kick or instr cluster, gry 26 pin plug, pin 9
Dome Light	yellow/white	+	passenger A pillar or instrument cluster, white 26 pin plug, pin 12
Trunk/Hatch Pin	violet/orange	-	passenger kick or instrument cluster, gray 26 pin plug, pin 23
Hood Pin	violet/lt. blue	-	hood switch or TIPM/underhood fuse box, blue 26 pin plug, pin 10
Trunk/Hatch Release	pur/tan (except police); use trnk rls mtr (police)	-	release switch or instrument cluster, gray 26 pin plug, pin 22
Trunk Release Motor	tan/yellow or black/white	5 wire	passenger kick or instrument cluster, white 26 pin plug, pin 24
Tachometer	NOT brown/yellow	ac	any fuel injector
Fuel Pump	dk. blue/orange	+	passenger kick, harness to rear
Rear Defroster	dk. blue	- latched	passenger kick, harness to rear
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	lt. green/gray	-	heated seat switch or instrument cluster, white 26 pin plug, pin 18

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Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	lt. green/lt. blue	-	heated seat switch or instrument cluster, white 26 pin plug, pin 19
Speed Sense	dk. green/brown	ac	PCM on passenger side firewall, black/green 38 pin plug (C4), pin 32
Brake Wire	dk. green/white	+	brake switch, gray 6 pin plug, pin 5
Parking Brake	gray/black	-	parking brake switch or instrument cluster, gray 26 pin plug, pin 18
Horn Trigger	dk. green/orange	+	horns or TIPM/underhood fuse box, black 15 pin plug, pin 3
Wipers	brown/white (L), brown/orange (H)	+	wiper motor or TIPM/underhood fuse box, black 15 pin plug, pins 13 and 12
Left Front Window (Up/Down)	orange/white - orange/lt. green (base models)	A	power window main switch, lt. gray 8 pin plug, pins 6 and 7
Right Front Window (Up/Down)	orange/gray - orange/tan (base models)	A	driver kick, door harness
Left Rear Window (Up/Down)	orange/gray - orange/white	A	driver kick, door harness
Right Rear Window (Up/Down)	orange/dk. blue - orange/lt. blue	A	driver kick, door harness
Sun Roof (Open/Close)	org/tan - org/lt. blue (function with ign on only)	+	sunroof switch, black 4 pin plug, pins D and C
Memory Seat 1	violet/brown	-7000 ohms	memory switch, black 4 pin plug, pin C
Memory Seat 2	same as memory seat 1	-2000 ohms	
Radio 12V	red/orange	+	radio, gray 22 pin plug, pin 1
Radio Ground	black/lt. green	-	radio, gray 22 pin plug, pin 12
Radio Ignition	(CAN B BUS)		
Radio Illumination	(CAN B BUS)		
Factory Amp Turn-on	(CAN B BUS)		
Power Antenna	gray/orange	+	radio, gray 22 pin plug, pin 7
Left Front Speaker (+/-)	gray/violet - gray/yellow	+,-	radio, gray 22 pin plug, pins 21 and 22
Right Front Speaker (+/-)	dk. green/violet - dk. green/yellow	+,-	radio, gray 22 pin plug, pins 19 and 20
Left Rear Speaker (+/-)	dk. green/tan - dk. green/gray	+,-	radio, gray 22 pin plug, pins 8 and 9

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Item	Wire Color	Polarity	Wire Location
Right Rear Speaker (+/-)	dk. green/brown - yellow/gray	+,-	radio, gray 22 pin plug, pins 10 and 11
Center Channel (+/-)	gray/brown - gray/orange	+,-	amplifier above driver kick, white 20 pin plug, pins 3 and 12
Subwoofer (+/-)	gray/brown - dk. green/brown	+,-	amplifier above driver kick, white 14 pin plug, pins 5 and 13
Aux. Audio Input Left (+/-)	white - tan	+,-	radio, gray 22 pin plug, pins 16 and 15
Aux. Audio Input Right (+/-)	red - tan	+,-	radio, gray 22 pin plug, pins 17 and 15
RSE Video (+/-)	gray/brown - gray (1); gray/lt. blue - gray (2)	+,-	radio, white 22 pin plug, pins 6 and 7; 9 and 10
RSE Audio Left (+/-)	see notes		
RSE Audio Right (+/-)	see RSE audio left		



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What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6 x 9		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6 x 9		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	6 x 9		left rear deck
Right Rear Speaker	6 x 9		right rear deck
Center Channel			top center of dash
Subwoofer			top center of rear deck
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	If equipped, the amplifier is above the driver kick. On vehicles with amplifier, the door speaker wires are gray/purple - gray/yellow at the amplifier, white 14 pin plug, pins 1 and 7. The dash speaker wires are gray/orange - gray/yellow at the amplifier, white 20 pin plug, pins 1 and 10.
Left Front Window (Up/Down)	Except base models, use orange/lt. green - orange/white at the LF window motor in the door. Use the 529T only on these models.
Left Rear Speaker (+/-)	If equipped, the amplifier is above the driver kick. On vehicles with amplifier, the speaker wires are dk. green/tan - dk. green/gray at the amplifier, white 14 pin plug, pins 3 and 9.
Right Front Speaker (+/-)	If equipped, the amplifier is above the driver kick. On vehicles with amplifier, the door speaker wires are dk. green/purple - dk. green/yellow at the amplifier, white 14 pin plug, pins 2 and 8. The dash speaker wires are gray/dk. green - gray/lt. green at the amplifier, white 20 pin plug, pins 2 and 11.
Right Front Window (Up/Down)	Except base models, use orange/brown - orange/purple at the RF window motor in the door. Use the 529T only on these models.
Right Rear Speaker (+/-)	If equipped, the amplifier is above the driver kick. On vehicles with amplifier, the speaker wires are dk. green/brown - yellow/gray at the amplifier, white 14 pin plug, pins 4 and 12.
RSE Audio Left (+/-)	Audio 1: dk. green/tan (left), dk. green/white (right), gray/purple (common) at radio, white 22 pin plug, pins 18, 20, and 19. Audio 2: dk. green/lt. blue (left), dk. green/dk. blue (right), gray/orange (common) at radio, white 22 pin plug, pins 21, 22, and 12. Audio 3: dk. green/purple (left), dk. green/yellow (right), gray/lt. blue (common) at radio, white 22 pin plug, pins 13, 14, and 1.