2012 Dodge/Ram Durango - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/lt. green (25A)	+	driver kick, door harness
Second 12 Volts	lt. blue/red (10A)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 1
Ground	(chassis ground)		
Starter	yellow/gray (for starter kill only)	+	starter or TIPM/underhood fuse box, blue 26 pin plug (C2), pin 8
Ignition	pink/white (for ignition sense only)	+	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 3
Data Bus	(INTERFACE MODULE IS REQUIRED FOR REMOTE START)		
CAN Bus High	white/lt. blue (CAN C bus)	data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 5
CAN Bus Low	white/brown (CAN C bus)	data	Wireless Ignition Node on ignition switch, black 12 pin plug, pin 6
CAN Bus High 3	white/gray (CAN IHS bus)	data	driver kick, door harness
CAN Bus Low 3	white/orange (CAN IHS bus)	data	driver kick, door harness
Power Lock	violet/lt. green (passenger door lock switch)	- 330 ohms	Passenger Door Module, black 10 pin plug, pin 4
Power Unlock	(same as power lock)	- 100 ohms	
Lock Motor	tan/white	5 wire	driver kick, door harness
Driver Unlock Motor	tan/lt. green	5 wire	driver kick, door harness
Passenger Unlock Motor	tan/orange	5 wire	driver rear door harness
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/brown (L); white/orange (R)	+	driver kick, harness to rear
Parking Lights -	white/lt. green (see Tech Doc 1082)	-1130 ohms	headlight switch, black 6 pin plug, pin 3
Hazards	white/dk. blue	-	hazard switch, black 12 pin plug, pin 4
Turn Signal (Left)	white/lt. green (F); white (R)	+	TIPM/underhood fuse box, gray 16 pin plug (C4), pin 9; black 50 pin plug (C7), pin 49

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Right)	white/tan (F); white/yellow (R)	+	TIPM/underhood fuse box, gray 16 pin plug (C4), pin 7; black 50 pin plug (C7), pin 50
Headlight	white/lt. green (need to relay isolate the switch)	- 660 ohms	headlight switch, black 6 pin plug, pin 3
AutoLights	white/lt. green (need to relay isolate the switch)	-2000 ohms (off)	headlight switch, black 6 pin plug, pin 3
Reverse Light	white/lt. green	+	driver kick, harness to rear
Left Front Door Trigger	violet	-	driver kick, door harness
Right Front Door Trigger	violet/white	-	passenger kick, door harness
Left Rear Door Trigger	violet/gray	-	driver kick, harness to rear
Right Rear Door Trigger	violet/yellow	-	passenger kick, harness to rear
Dome Light	yellow/white	+	driver kick, harness to rear
Trunk/Hatch Pin	violet/orange	-	passenger kick, harness to rear
Hood Pin	violet/lt. blue	-	hood switch or TIPM/underhood fuse box, gray 16 pin plug (C4), pin 3
Trunk/Hatch Release	violet/tan (power liftgate)	-4700 ohms	overhead console assembly, black 16 pin plug, pin 15
Fuel Door Release	lt. green/orange	+	fuel door switch, black 2 pin plug, pin 2
Tachometer	NOT brown/white	ac	any fuel injector
Fuel Pump	dk. blue/orange	+	driver kick, harness to rear
Rear Defroster	dk. blue/white	+ latched	driver kick, harness to rear
Mirror Defroster	(CAN IHS bus)		
Left Front Heated Seat	(CAN IHS bus)		
Right Front Heated Seat	(CAN IHS bus)		
Speed Sense	dk. green/brown (some models only)	ac	Powertrain Control Module on front of TIPM/underhood fuse box, black/green 38 pin plug, pin 32

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Item	Wire Color	Polarity	Wire Location
Brake Wire	white/dk. green	+	brake switch or Wireless Ignition Node on ignition switch, black 12 pin plug, pin 8
Parking Brake	dk. green/white	-	parking brake switch, black 1 pin plug, pin 1
Horn Trigger	gray/yellow (1); gray/lt. blue (2)	+	horns or TIPM/underhood fuse box, green 26 pin plug (C3), pins 18, 24
Wipers	brown/white (LO); brown/orange (HI)	+	wiper motor or TIPM/underhood fuse box, brown 40 pin plug (C5), pins 12, 11
Left Front Window (Up/Down)	orange/lt. green - orange/black	A	Driver Door Module, purple 5 pin plug, pins 4 - 5
Right Front Window (Up/Down)	orange/brown - orange/violet	A	Passenger Door Module, purple 5 pin plug, pins 4 - 5
Left Rear Window (Up/Down)	tan/yellow - tan/lt. blue	A	left rear power window switch, lt. gray 6 pin plug, pins 2 - 3
Right Rear Window (Up/Down)	orange/brown - orange/violet	A	right rear power window switch, lt. gray 6 pin plug, pins 2 - 3
Sun Roof (Open/Close)	orange/tan - orange/lt. blue (function with ignition on only)	-	overhead console assembly, black 16 pin plug, pins 9 - 11
Memory Seat 1	violet/brown	- resistor	Driver Door Module, black 10 pin plug, pin 6
Memory Seat 2	(same as memory seat 1)	- resistor	
Radio 12V	yellow/red	+	radio, gray 22 pin plug, pin 1
Radio Ground	black	-	radio, gray 22 pin plug, pin 12
Radio Ignition	(CAN IHS bus)		
Radio Illumination	(CAN IHS bus)		
Factory Amp Turn-on	(CAN IHS 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 - 22
Right Front Speaker (+/-)	dk. green/violet - dk. green/yellow	+,-	radio, gray 22 pin plug, pins 19 - 20
Left Rear Speaker (+/-)	gray/lt. green - gray/dk. green or dk. green/dk. blue - dk. green/orange	+,-	radio, gray 22 pin plug, pins 8 - 9
Right Rear Speaker (+/-)	dk. green/lt. green - dk. green/gray or gray/dk. blue - gray/orange	+,-	radio, gray 22 pin plug, pins 10 - 11

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Item	Wire Color	Polarity	Wire Location
Center Channel (+/-)	gray/brown - gray/orange	+,-	amplifier in LR quarter panel, white 22 pin plug, pins 11 - 22
Subwoofer (+/-)	gray/brown - dk. green/brown (1); gray/white - dk. green/white (2)	+,-	amplifier in LR quarter panel, black 16 pin plug, pins 3 - 11; 14 - 6
RSE Video (+/-)	gray/brown - gray/yellow (1); gray/lt. blue - gray/yellow (2)	+,-	radio, white 22 pin plug, pins 6 - 7; 9 - 10
RSE Audio Left (+/-)	(see notes)		
RSE Audio Right (+/-)	(see RSE audio left)		
Satellite Radio 12 Volts	(built into radio)		

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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	1		left front door
Right Front Speaker	6 x 9		right front door
Right Front Tweeter	1		right front door
Left Rear Speaker	6.5		left rear door
Left Rear Tweeter	2.5		left rear pillar
Right Rear Speaker	6.5		right rear door
Right Rear Tweeter	2.5		right rear pillar
Center Channel	3.5		top center of dash
Subwoofer	8		right rear cargo floor
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are gray/purple - gray/yellow at the amplifier in LR quarter panel, black 16 pin plug, pins 8 - 16. The tweeter wires are gray/orange - gray/yellow at the amplifier, white 22 pin plug, pins 20 - 9.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are gray/lt. green - gray/dk. green at the amplifier in LR quarter panel, black 16 pin plug, pins 13 - 5. The surround wires are dk. green/tan - dk. green/gray at the amplifier, white 22 pin plug, pins 10 - 21.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are dk. green/purple - dk. green/yellow at the amplifier in LR quarter panel, black 16 pin plug, pins 7 - 15. The tweeter wires are gray/dk. green - gray/lt. green at the amplifier, white 22 pin plug, pins 19 - 8.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are dk. green/lt. green - dk. green/gray at the amplifier in LR quarter panel, black 16 pin plug, pins 4 - 12. The surround wires are dk. green/brown - yellow/gray at the amplifier, black 16 pin plug, pins 10 - 2.
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, 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, 12. Audio 3: dk. green/purple (left), dk. green/yellow (right), gray/lt. blue (common) at radio, white 22 pin plug, pins 13, 14, 1.
RSE Video (+/-)	The rearview camera video wires are dk. green/brown - dk. green/orange at the radio, white 22 pin plug, pins 3 - 4.