

2009 Dodge Journey

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	battery or TIPM
Second 12 Volts			
Starter	yellow/gry to yellow/purple (not for remote start)	+	starter or TIPM, blue plug, pin 8
Second Starter	N/A		
Ignition	pink/white	+	Wireless Ignition Node, 12 pin plug, pin 3
Second Ignition	N/A		
Third Ignition	N/A		
Accessory			
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	pink/lt. blue	+	Wireless Ignition Node, 12 pin plug, pin 9
Data Bus	N/A		
Can Bus High	white/lt. blue	data	Wireless Ignition Node, 12 pin plug, pin 5
Can Bus Low	white/brown	data	Wireless Ignition Node, 12 pin plug, pin 6
Can Bus Sw	N/A		
Power Lock	purple/dk. green	- 330 ohms	driver kick or TIPM, black plug (C7), pin 2
Power Unlock	same as power lock	- 100 ohms	
Lock Motor	tan/white	5 wire	driver kick or TIPM, gray plug, pin 8
Unlock Motor	tan/lt. green	5 wire	driver kick or TIPM, gray plug, pin 3
Disarm Defeat	tan/orange	5 wire	driver kick or TIPM, brown plug, pin 18
Parking Lights (+)	white/purple	+	passenger kick or TIPM, brown plug, pin 36
Parking Lights (-)	(LIN BUS)		
Hazards	white/dk. blue	-	hazard switch or TIPM, black plug (C7), pin 9
Turn Signal (Left)	white/lt. green (F), white/dk. green (R)	+	TIPM, lt. gray plug, pin 9 (F), black plug (C7), pin 49 (R)
Turn Signal (Right)	white/purple (F), white/yellow (R)	+	TIPM, lt. gray plug, pin 7 (F), black plug (C7), pin 50 (R)

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/dk. blue (L), white/tan (R)	+	headlights or TIPM, green plug, pins 3 (L), and 11 (R)
AutoLights			
Reverse Light	purple/black to white/lt. green	+	driver kick or TIPM, brown plug, pin 15
Left Front Door Trigger	purple	-	driver kick or TIPM, black plug (C7), pin 11
Right Front Door Trigger	purple/white	-	driver kick or TIPM, black plug (C7), pin 12
Left Rear Door Trigger	purple/gray	-	driver kick or TIPM, black plug (C7), pin 16
Right Rear Door Trigger	purple/yellow	-	driver kick or TIPM, black plug (C7), pin 14
Dome Supervision	yellow/white	+	driver A pillar or instrument cluster, black plug, pin 8
Trunk/Hatch Pin	purple/orange	-	driver kick or TIPM, black plug (C7), pin 15
Rear Glass Pin	N/A		
Hood Pin	purple/lt. blue	-	hood switch or TIPM, lt. gray plug, pin 3
Trunk Hatch/Release	N/A		
Trunk Release Motor	N/A		
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	factory remote only		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock	Sentry Key and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	NOT brown/gray or brown/white	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	dk. blue/orange	+	driver kick or TIPM, brown plug, pin 10
Rear Defroster	dk. blue/white	+ latched	driver kick or TIPM, brown plug, pin 32
Mirror Defroster	dk. blue/lt. blue	+ latched	driver kick or TIPM, brown plug, pin 19
Left Front Heated Seat	lt. green/brown	+	heated seat module under driver seat, pin D
Right Front Heated Seat	lt. green/purple	+	heated seat module under driver seat, pin K

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/brown	ac	PCM, 96 pin plug, pin 89 (I-4); black/green plug, pin 32 (V6)
Brake Wire	white/dk. green	+	driver kick or TIPM, black plug (C7), pin 10
Parking Brake	dk. green/white	-	parking brake switch or instrument cluster, brown plug, pin 17
Horn Trigger	dk. green/orange	5 wire	horns or TIPM, green plug, pin 24
Wipers	brown/white (L), brown/orange (H)	+	wiper motor or TIPM, brown plug, pins 12 (L), and 11 (H)
Left Front Window (Up/Down)	orange/lt. green - orange/white	A	driver window switch in door
Right Front Window (Up/Down)	orange/tan - orange/gray	A	driver kick, door harness
Left Rear Window (Up/Down)	orange/white - orange/gray	A	driver kick, door harness
Right Rear Window (Up/Down)	orange/dk. green - orange/dk. blue	A	driver kick, door harness
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	yellow/red	+	radio, gray 22 pin plug, pin 1
Radio Ground	black	-	radio, gray 22 pin plug, pin 12
Radio Ignition	(CAN BUS)		
Radio Illumination	(CAN BUS)		
Factory Amp Turn-on	(CAN BUS)		
Power Antenna	gray/orange	+	radio, gray 22 pin plug, pin 7
Left Front Speaker (+/-)	gray/purple - gray/yellow	+,-	radio, gray 22 pin plug, pins 21, 22 or amplifier
Right Front Speaker (+/-)	dk. green/purple - dk. green/yellow	+,-	radio, gray 22 pin plug, pins 19, 20 or amplifier
Left Rear Speaker (+/-)	gray/lt. green - gray/dk. green	+,-	radio, gray 22 pin plug, pins 8, 9 or amplifier
Right Rear Speaker (+/-)	dk. green/lt. green - dk. green/gray	+,-	radio, gray 22 pin plug, pins 10, 11 or amplifier
Center Channel (+/-)	N/A		
Subwoofer (+/-)	gry/brn - dk grn/brn (1), gry/wht -dk grn/wht (2)	+,-	amplifier in passenger kick
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		

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DirectWire Vehicle Information - 3/9/2010 4:27:40 AM			
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

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What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Additional Wiring Notes

Item	Note
12 Volts	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Starter	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Rear Defroster	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Mirror Defroster	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender. On vehicles with express windows, have to go into each door. The driver heated mirror is dk. blue/gray at the DDM (Driver Door Module), black plug, pin 4. The passenger heated mirror is lt. blue/white at the PDM (Passenger Door Module), black plug, pin 4.
Ignition	The Wireless Ignition Node is part of the ignition switch.
Key Sense	The Wireless Ignition Node is part of the ignition switch.
Parking Lights (+)	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Brake Wire	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Reverse Light	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Turn Signal (Left)	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Turn Signal (Right)	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Headlight	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Left Front Window (Up/Down)	On vehicles with express windows, use orange/lt. green - orange/white at the window motor in the door. Use the 529T only on these.
Right Front Window (Up/Down)	On vehicles with express windows, use orange/brown - orange/purple at the window motor in the door. Use the 529T only on these.
Left Front Speaker (+/-)	If equipped, the amplifier is in the passenger kick. On vehicles with amplifier, the tweeter wires are gray/orange - gray/red at the amplifier.
Right Front Speaker (+/-)	On vehicles with amplifier, the tweeter wires are gray/black - gray/lt. green at the amplifier.
Lock Motor	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Driver Unlock Motor	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Passenger Unlock Motor	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Left Front Door Trigger	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Right Front Door Trigger	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Left Rear Door Trigger	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Right Rear Door Trigger	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Trunk/Hatch Pin	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Power Lock	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender. On vehicles with express windows, have to go into the passenger door and use purple/lt. green at the PDM (Passenger Door Module), blue plug, pin 4.
Fuel Pump	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Can Bus High	The Wireless Ignition Node is part of the ignition switch. The CAN Interior BUS High wire is white/gray in the driver kick or at the TIPM, black plug (C7), pin 26. The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Can Bus Low	The Wireless Ignition Node is part of the ignition switch. The CAN Interior BUS Low wire is white/orange in the driver kick or at the TIPM, black plug (C7), pin 27. The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Speed Sense	The PCM (Powertrain Control Module) is in the engine compartment, on the driver side of the engine.
Hood Pin	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Horn Trigger	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Hazards	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Wipers	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.