

2010 Jeep Compass

Jeep



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	battery or TIPM
Second 12 Volts	red/orange (10A)	+	ignition switch, black 5 pin plug, pin 5
Starter	yellow/gray (for starter kill only)	+	driver fender, 8 pin plug, pin 6
Second Starter	purple/brown	- 180 ohms	ignition switch, black 5 pin plug, pin 2
Ignition	pink/white	+	ignition switch, black 5 pin plug, pin 3
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	same as second starter	- 610 ohms	
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	same as second starter	-8.5K ohms	
Data Bus	N/A		
Can Bus High	white/orange (CAN B BUS)	data	SKREEM, black 8 pin plug, pin 6
Can Bus Low	white/pink (CAN B BUS)	data	SKREEM, black 8 pin plug, pin 7
Can Bus Sw	N/A		
Power Lock	lt. green/dk. green	- 330 ohms	driver kick or instrument cluster, brown 20 pin plug, pin 18
Power Unlock	same as power lock	- 100 ohms	
Lock Motor	tan/dk. blue	5 wire	driver kick or instrument cluster, black 10 pin plug, pin 9
Unlock Motor	tan/dk. green	5 wire	driver kick or instrument cluster, black 10 pin plug, pin 5
Disarm Defeat	tan/white	5 wire	driver kick or instrument cluster, black 10 pin plug, pin 7
Parking Lights (+)	white/purple	+	driver kick, harness to rear
Parking Lights (-)	(LIN BUS)		
Hazards	(LIN BUS)		
Turn Signal (Left)	white/red (F); dk. green/red (R)	+	turn signal light (F); driver kick, harness to rear (R)
Turn Signal (Right)	white/tan (F); white/yellow (R)	+	turn signal light (F); driver kick, harness to rear (R)

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/dk. blue (L), purple/red (R)	+	headlights
AutoLights	N/A		
Reverse Light	white/lt. green	+	driver kick, harness to rear
Left Front Door Trigger	purple/dk. blue	-	dr kick or instr cluster, brown 20 pin plug, pin 3
Right Front Door Trigger	purple/white	-	dr kick or instr cluster, brown 20 pin plg, pin 11
Left Rear Door Trigger	purple/gray	-	dr kick or instr cluster, brown 20 pin plug, pin 5
Right Rear Door Trigger	purple/yellow	-	dr kick or instr cluster, brown 20 pin plug, pin 6
Dome Supervision	yellow/white	+	driver A pillar or instrument cluster, brown 20 pin plug, pin 4
Trunk/Hatch Pin	purple/orange	-	driver kick or instrument cluster, brown 20 pin plug, pin 13
Rear Glass Pin	N/A		
Hood Pin	purple/lt. blue (export model only)	-	hood switch
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	arms on lock with door open		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock	Sentry Key, ignition, and keysense		
Trunk Alarm Shunt	N/A		
Tachometer	yellow/brn, brn/dk. blue, brn/lt. blue, or brn/tan	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	black/yellow (in), yellow/red (out)	- N.O.	clutch switch, 3 pin plug, pins 2 and 3
Fuel Pump	dk. blue/orange	+	driver kick, harness to rear
Rear Defroster	lt. blue/orange	5 wire	driver kick, harness to rear
Mirror Defroster	dk. blue/gray	5 wire	driver kick, door harness
Left Front Heated Seat	lt. green/brown	5 wire	Heated Seats Module, black 10 pin plug, pin 4
Right Front Heated Seat	lt. green/purple	5 wire	Heated Seats Module, black 10 pin plug, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. blue/orange (M/T)	ac	PCM, black 58 pin plug, pin 38 (M/T)
Brake Wire	dk. green/white	+	brake switch or instrument cluster, brown 20 pin plug, pin 8
Parking Brake	dk. green/lt. blue	-	parking brake switch or instrument cluster, brown 20 pin plug, pin 7
Horn Trigger	dk. green/purple	-	horn switch or instrument cluster, black 20 pin plug, pin 10
Wipers	brown/white (L), brown/lt. blue (H)	+	wiper motor, 5 pin plug, pins 1 and 4
Left Front Window (Up/Down)	orange/lt. green - orange/white	A	driver power window switch, lt. gray 8 pin plug, pins 7 and 6
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/lt. blue - orange/dk. blue	A	driver kick, door harness
Sun Roof (Open/Close)	org/tan - org/lt. blue (function with ign on only)	+	sunroof switch, 4 pin plug, pins 3 and 4
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red/lt. blue	+	radio, gray 22 pin plug, pin 1
Radio Ground	black/yellow	-	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	N/A		
Left Front Speaker (+/-)	gray/purple - gray/yellow	+,-	radio, gray 22 pin plug, pins 21 and 22
Right Front Speaker (+/-)	dk. green/purple - dk. green/yellow	+,-	radio, gray 22 pin plug, pins 19 and 20
Left Rear Speaker (+/-)	dk. green/dk. blue - dk. green/brown	+,-	radio, gray 22 pin plug, pins 8 and 9
Right Rear Speaker (+/-)	gray/dk. blue - gray/orange	+,-	radio, gray 22 pin plug, pins 10 and 11
Center Channel (+/-)	N/A		
Subwoofer (+/-)	same as rear speakers		
Aux. Audio Input Left (+/-)	gray/white - gray/orange	+,-	radio, gray 22 pin plug, pins 16 and 15
Aux. Audio Input Right (+/-)	dk. green/white - gray/orange	+,-	radio, gray 22 pin plug, pins 17 and 15
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		

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DirectWire Vehicle Information - 3/2/2012 1:58:46 AM			
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
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	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 door
Left Rear Tweeter	6.5		left rear liftgate
Right Rear Speaker	6 x 9		right rear door
Right Rear Tweeter	6.5		right rear liftgate
Center Channel	N/A		
Subwoofer			right rear quarter panel
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Second Starter	If interface module is not available, see Tech Doc 1084 for wiring information.
Speed Sense	The PCM (Powertrain Control Module) is in the engine compartment, by the driver side strut tower. On automatic transmission vehicles, the VSS wire is dk. green/white at the Transmission Control Module under the driver dash, lt. gray 24 pin plug, pin 5.
Right Front Speaker (+/-)	If equipped, the amplifier is in the right side of the cargo area. On vehicles with amplifier, the door speaker wires are gray/lt. blue - gray/yellow at the amplifier, white 14 pin plug, pins 8 and 2. The dash speaker wires are gray/dk. green - gray/lt. green at the amplifier, white 20 pin plug, pins 2 and 11.
Right Rear Speaker (+/-)	If equipped, the amplifier is in the right side of the cargo area. On vehicles with amplifier, the door speaker wires are dk. green/lt. green - dk. green/gray at the amplifier, white 14 pin plug, pins 4 and 12. The liftgate speaker wires are gray/dk. blue - gray/tan at the amplifier, white 14 pin plug, pins 6 and 14.
Left Front Speaker (+/-)	If equipped, the amplifier is in the right side of the cargo area. On vehicles with amplifier, the door speaker wires are dk. green/purple - dk. green/black at the amplifier, white 14 pin plug, pins 1 and 7. The dash speaker wires are gray/tan - gray/brown at the amplifier, white 20 pin plug, pins 1 and 10.
Left Rear Speaker (+/-)	If equipped, the amplifier is in the right side of the cargo area. On vehicles with amplifier, the door speaker wires are gray/lt. green - gray/dk. green at the amplifier, white 14 pin plug, pins 3 and 9. The liftgate speaker wires are dk. green/dk. blue - dk. green/tan at the amplifier, white 14 pin plug, pins 5 and 13.
Left Front Heated Seat	The Heated Seats Module is under the driver seat.
Right Front Heated Seat	The Heated Seats Module is under the driver seat.
12 Volts	The TIPM (Totally Integrated Power Module) is in the engine compartment, on the driver fender.
Can Bus High	The SKREEM (Sentry Key Remote Entry Module) is around the ignition switch.
Can Bus Low	The SKREEM (Sentry Key Remote Entry Module) is around the ignition switch.