

2013 Land Rover Range Rover Sport



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	brown/red (50A)	+	passenger dash fuse box, green 41 pin plug, pin 22
Second 12 Volts	brown/gray (50A)	+	passenger dash fuse box, green 41 pin plug, pin 21
Starter	white/blue (SS1), blue/white (SS2)	- 250 ohms	start/stop sw or pass dash fuse box, bottom, gry 28 pin plg, pins 18, 17
Second Starter	white/green	+	passenger dash fuse box, rear, green 32 pin plug, pin 18
Ignition	lt. green (for ignition sense only)	+	passenger dash fuse box, green 41 pin plug, pin 10
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	lt. green/white (for accessory sense only)	+	front cigar lighter or pass dash fuse box, blue 46 pin plug, pin 30
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	blue/red (LIN bus)	data	Immobilizer Antenna Mod in strng column, green 3 pin plug, pin 2
Can Bus High	yellow/white (MS CAN); yellow/brown (HS CAN)	data	data link connector, black 16 pin plug, pins 3, 6
Can Bus Low	yellow/blue (MS CAN); yellow/black (HS CAN)	data	data link connector, black 16 pin plug, pins 11, 14
Can Bus Sw	N/A		
Power Lock	pink/red	-	passenger dash fuse box, bottom, gray 28 pin plug, pin 9
Power Unlock	yellow/pink	-	passenger dash fuse box, bottom, gray 28 pin plug, pin 8
Lock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 10
Unlock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 7
Disarm Defeat	black	5 wire	Passenger Door Module, gray 22 pin plug, pin 7
Parking Lights (+)	red/black (L); red/orange (R)	+	passenger dash fuse box, green 41 pin plug, pins 12, 11
Parking Lights (-)	red/orange	-	headlight sw or pass dash fuse box, bottom, gry 32 pin plg, pin 24
Hazards	lt. green/red	-	hazard sw or passenger dash fuse box, bottom, gry 28 pin plg, pin 19
Turn Signal (Left)	green/red (F); green/red (R)	+	pass dash fuse box, grn 41 pin plg, pin 32; brn 46 pin plg, pin 9
Turn Signal (Right)	green/white (F); green/white (R)	+	pass dash fuse box, grn 41 pin plg, pin 37; brn 46 pin plg, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	red/orange	-	headlight sw or pass dash fuse box, bottom, gry 32 pin plg, pin 23
AutoLights	same as headlight		
Reverse Light	green/brown	+	passenger dash fuse box, brown 46 pin plug, pin 40
Left Front Door Trigger	black/brown	-	passenger dash fuse box, rear, brown 32 pin plug, pin 11
Right Front Door Trigger	white	-	pass dash fuse box, rear, brown 32 pin plg, pin 12
Left Rear Door Trigger	purple/lt. green	-	pass dash fuse box, rear, brown 32 pin plg, pin 25
Right Rear Door Trigger	purple/lt. green	-	pass dash fuse box, rear, brown 32 pin plg, pin 26
Dome Supervision	purple	+	footwell lamp or passenger dash fuse box, blue 46 pin plug, pin 2
Trunk/Hatch Pin	pink/red	-	passenger dash fuse box, rear, brown 32 pin plug, pin 23
Rear Glass Pin	N/A		
Hood Pin	black	-	passenger dash fuse box, rear, green 32 pin plug, pin 5
Trunk Hatch/Release	black/gray (rear handle switch); red (dash switch)	-	passenger dash fuse box, bottom, gray 32 pin plug, pins 15, 19
Trunk Release Motor	white/orange	5 wire	passenger dash fuse box, brown 46 pin plug, pin 6
Fuel Door Release	black (unlock only)	5 wire	passenger dash fuse box, brown 46 pin plug, pin 32
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	black (driver door key lock)	-	Driver Door Module, black 22 pin plug, pin 21
Factory Alarm Disarm	black (driver door key unlock)	double -	Driver Door Module, black 24 pin plug, pin 22
Disarm No Unlock	Smart Key and push-button start		
Trunk Alarm Shunt	N/A		
Tachometer	gn/bu, gy/yl, pu, yl/og, bn, gn/wh, gy/bn or pu/og	ac	any fuel injector, black 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	blue/purple	-	pass dash fuse box, rear, green 32 pin plg, pin 13
Rear Defroster	brown/purple	+ latched	passenger dash fuse box, brown 46 pin plug, pin 23
Mirror Defroster	(MS CAN)		
Left Front Heated Seat	(LIN bus)		
Right Front Heated Seat	(LIN bus)		

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Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	green/purple	+	brake sw or passenger dash fuse box, rear, brown 32 pin plug, pin 6
Parking Brake	(electric parking brake)		
Horn Trigger	brown/green	-	horn switch or passenger dash fuse box, rear, grn 32 pin plug, pin 28
Wipers	red	-	passenger dash fuse box, rear, green 32 pin plug, pin 25
Left Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Left Rear Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Rear Window (Up/Down)	(not recommended because of factory auto up/down)		
Sun Roof (Open/Close)	green/white - orange/yellow (func w/ign on only)	-	sun roof switch, black 4 pin plug, pins 1 - 3
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	gray/purple	- resistor	driver kick, harness to rear
Memory Seat 2	same as memory seat 1	- resistor	
Memory Seat 3	same as memory seat 1	- resistor	
Radio 12V	purple/blue	+	radio, gray 14 pin plug, pin 1
Radio Ground	black	-	radio, gray 14 pin plug, pin 8
Radio Ignition	(MS CAN)		
Radio Illumination	N/A		
Factory Amp Turn-on	(MOST bus)		
Power Antenna	blue	+	radio, gray 14 pin plug, pin 2
Left Front Speaker (+/-)	white - white/brn (low); grn/org - gry/org (high)	+,-	amplifier under passenger seat, gray 16 pin plug, pins 2 - 10; 1 - 9
Right Front Speaker (+/-)	wht/pur - wht/org (low); pur/org - yel/org (high)	+,-	amplifier under passenger seat, gray 16 pin plg, pins 4 - 12; 3 - 11
Left Rear Speaker (+/-)	wht/grn - brn/yel (low); grn/brn - gry/brn (high)	+,-	amplifier under passenger seat, gray 16 pin plg, pins 6 - 14; 5 - 13
Right Rear Speaker (+/-)	brn/wht - brn/blu (low); blu/wht - pur/blu (high)	+,-	amplifier under passenger seat, gray 16 pin plg, pins 8 - 16; 7 - 15
Center Channel (+/-)	green - gray/purple	+,-	amplifier under passenger seat, blue 16 pin plug, pins 7 - 15
Subwoofer (+/-)	brown/purple - gray (1); purple - yellow (2)	+,-	amplifier under passenger seat, blue 16 pin plg, pins 3 - 11; 4 - 12
Aux. Audio Input Left (+/-)	red - blue	+,-	radio, gray 14 pin plug, pins 5 - 7
Aux. Audio Input Right (+/-)	blue - blue	+,-	radio, gray 14 pin plug, pins 6 - 7
RSE Video (+/-)	(coaxial cable)		
RSE Audio Left (+/-)	(MOST bus)		

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DirectWire Vehicle Information 12/18/2013 6:59:09 AM			
RSE Audio Right (+/-)	(MOST bus)		
Satellite Radio 12 Volts	red	+	SDARS Mod in RR qrtr panel, black 4 pin plg, pin 1
Satellite Radio Ground	black	-	SDARS Mod in RR qrtr panel, black 4 pin plg, pin 4
Satellite Radio Ignition	(MOST bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	2.5	left front door
Left Front Tweeter	1 (tweeter); 3 (midrange)	1; 1.5	left front door
Right Front Speaker	6.5	2.5	right front door
Right Front Tweeter	1 (tweeter); 3 (midrange)	1; 1.5	right front door
Left Rear Speaker	6.5	2.5	left rear door
Left Rear Tweeter	1 (tweeter); 3 (midrange)	1; 1.5	left rear door; left rear pillar (surround)
Right Rear Speaker	6.5	2.5	right rear door
Right Rear Tweeter	1 (tweeter); 3 (midrange)	1; 1.5	right rear door; right rear pillar (surround)
Center Channel	3	1.5	top center of dash
Subwoofer	8	2.5	
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			right rear quarter panel

Additional Wiring Notes

Item	Note
Right Rear Speaker (+/-)	The surround speaker wires are brown/white - brown/blue at the amplifier, blue 16 pin plug, pins 6 - 14.
Left Front Speaker (+/-)	The mid range speaker wires are brown/blue - gray/blue at the amplifier, blue 16 pin plug, pins 1 - 9.
Right Front Speaker (+/-)	The mid range speaker wires are purple/gray - yellow/gray at the amplifier, blue 16 pin plug, pins 2 - 10.
Left Rear Speaker (+/-)	The surround speaker wires are white/green - brown/yellow at the amplifier, blue 16 pin plug, pins 5 - 13.