2012 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)		

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)		

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)		

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.