2013 Land Rover Range Rover

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	green (60A)	+	passenger dash fuse box, green 41 pin plug, pin 22
Second 12 Volts	red/yellow (50A)	+	passenger dash fuse box, green 41 pin plug, pin 21
Starter	brown/purple (SS1), yellow/orange (SS2)	- 250 ohms	start/stop sw or pass dash fuse box, bottom, gry 28 pin plg, pins 18, 17
Second Starter	blue/white	+	passenger dash fuse box, rear, green 32 pin plug, pin 18
Ignition	yellow or orange (for ignition sense only)	+	passenger dash fuse box, green 41 pin plug, pin 10
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	brown/yellow (for accessory sense only)	+	front cigar lighter or pass dash fuse box, blue 46 pin plug, pin 36
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	gray/brown (LIN bus)	data	Immobilizer Antenna Mod in strng column, green 3 pin plug, pin 2
Can Bus High	gray/orange (MS CAN); white/blue (HS CAN)	data	data link connector, black 16 pin plug, pins 3, 6
Can Bus Low	purple/orange (MS CAN); white (HS CAN)	data	data link connector, black 16 pin plug, pins 11, 14
Can Bus Sw	N/A		
Power Lock	gray/yellow	-	passenger dash fuse box, bottom, gray 28 pin plug, pin 9
Power Unlock	purple/gray	-	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 (+)	green/orange (LF); brown/yellow (RF)	+	pass dash fuse box, blu 46 pin plg, pin 7; rear, grn 32 pin plug, pin 32
Parking Lights (-)	(LIN bus)		
Hazards	brown/yellow	-	passenger dash fuse box, bottom, gray 28 pin plug, pin 19
Turn Signal (Left)	blue/green (F); gray/orange (R)	+	pass dash fuse box, green 41 pin plg, pin 4; brown 46 pin plg, pin 9
Turn Signal (Right)	yellow/purple (F); green/orange (R)	+	pass dash fuse box, green 41 pin plg, pin 30; brn 46 pin plg, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	gray/brown (L); purple/orange (R)	+	passenger dash fuse box, green 41 pin plug, pins 38, 29
AutoLights	(LIN bus)		
Reverse Light	green/brown	+	passenger dash fuse box, green 41 pin plug, pin 32
Left Front Door Trigger	gray/purple	-	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	green	-	pass dash fuse box, rear, brown 32 pin plg, pin 25
Right Rear Door Trigger	yellow	-	pass dash fuse box, rear, brown 32 pin plg, pin 26
Dome Supervision	gray/purple	+	footwell lamp or passenger dash fuse box, blue 46 pin plug, pin 2
Trunk/Hatch Pin	green (L), yellow/orange (R) (lower tailgate)	-	passenger dash fuse box, rear, brown 32 pin plug, pins 5, 24
Rear Glass Pin	yellow/orange (upper tailgate)	-	pass dash fuse box, rear, brown 32 pin plg, pin 23
Hood Pin	black	-	passenger dash fuse box, rear, green 32 pin plug, pin 5
Trunk Hatch/Release	black (upper tailgate); black (lower tailgate)	-	passenger dash fuse box, bottom, gray 32 pin plug, pins 15, 16
Trunk Release Motor	black (upper tailgate); black (lower tailgate)	5 wire	pass dash fuse box, brown 46 pin plug, pin 6; blue 46 pin plg, pin 1
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	factory remote only		
Factory Alarm Disarm	see disarm no unlock		
Disarm No Unlock	Smart Key and push-button start		
Trunk Alarm Shunt	N/A		
Tachometer	ye/bu, bu/og, gn/pu, bu, wh/gn, bn/pu, bu/wh, wh/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	yellow/gray	-	pass dash fuse box, rear, green 32 pin plg, pin 13
Rear Defroster	brown/blue	+ 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	purple/brown	+	brake sw or passenger dash fuse box, rear, brown 32 pin plug, pin 6
Parking Brake	(electric parking brake)		
Horn Trigger	purple/green	-	horn switch or passenger dash fuse box, rear, grn 32 pin plug, pin 28
Wipers	purple/white	-	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)	purple/brown - yellow/orange (funct w/ign on only)	-	overhead console, gray 20 pin plug, pins 14 - 15
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	gray/red	+	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	yellow/green	+	radio, gray 14 pin plug, pin 2
Left Front Speaker (+/-)	grn/org - gry/org (high); white - wht/brn (low)	+,-	amplifier under driver seat, gray 16 pin plug, pins 1 - 9; 2 - 10
Right Front Speaker (+/-)	pur/org - yel/org (high); wht/pur - wht/org (low)	+,-	amplifier under driver seat, gray 16 pin plug, pins 3 - 11; 4 - 12
Left Rear Speaker (+/-)	grn/brn - gry/bn (high/mid); wht/gn - brn/ye (low)	+,-	amplifier under driver seat, gray 16 pin plug, pins 5 - 13; 6 - 14
Right Rear Speaker (+/-)	blu/wht - pur/wh (high/mid); brn/wh - brn/bu (low)	+,-	amplifier under driver seat, gray 16 pin plug, pins 7 - 15; 8 - 16
Center Channel (+/-)	white - grn/brn (high); wht/blu - grn/org (mid)	+,-	amplifier under driver seat, blue 16 pin plug, pins 8 - 16; 7 - 15
Subwoofer (+/-)	green/purple - gray (1); purple - yellow (2)	+,-	amplifier under driver seat, blue 16 pin plug, pins 3 - 11; 4 - 12
Aux. Audio Input Left (+/-)	blue - white/green	+,-	radio, gray 14 pin plug, pins 5 - 7
Aux. Audio Input Right (+/-)	blue/green - white/green	+,-	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	blue/red	+	Sat Radio in LR cargo floor, grn 4 pin plug, pin 1
Satellite Radio Ground	black	-	Sat Radio in LR cargo floor, grn 4 pin plug, 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			left front door
Left Front Tweeter			left front door
Right Front Speaker			right front door
Right Front Tweeter			right front door
Left Rear Speaker			left rear door
Left Rear Tweeter			left rear door (high/mid); quarter panel (srrnd)
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door (high/mid); quarter panel (srrnd)
Center Channel			top center of dash
Subwoofer			under passenger seat
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			left rear cargo floor

Additional Wiring Notes

Item	Note
Right Front Speaker (+/-)	The mid range speaker wires are purple/gray - yellow/gray at the amplifier, blue 16 pin plug, pins 2 - 10.
Parking Lights (+)	The LR - RR are purple/green - white/orange at the passenger dash fuse box, brown 46 pin plug, pins 2 - 38.
Left Rear Speaker (+/-)	The surround speaker wires are white/green - brown/yellow at the amplifier, blue 16 pin plug, pins 5 - 13.
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 green/blue - gray/blue at the amplifier, blue 16 pin plug, pins 1 - 9.