

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) | | |

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|--|---|--|--|
| DirectWire Vehicle Right Front Heated Seat | Information - 2/13/2014 3:13:58 AM (LIN Bus) | | |
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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) | | |

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| DirectWire Vehicle RSE Audio Right (+/-) | Information - 2/13/2014 3:13:58 AM (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. |