

2004 Land Rover Discovery II



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	brown (50A)	+	ignition switch
Second 12 Volts	N/A		
Starter	white/red	+	ignition switch
Second Starter	N/A		
Ignition	yellow	+	ignition switch
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	white	+	ignition switch
Second Accessory	lt. green/white	+	ignition switch
Third Accessory	N/A		
Key Sense	white/purple	+	ignit key sw or Body Control Unit under pass dash, 16 pin plg, pin 2
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	pink/red	-	switch or Body Control Unit under pass dash, 26 pin plug, pin 16
Power Unlock	yellow/pink	-	switch or Body Control Unit under pass dash, 16 pin plug, pin 7
Lock Motor	pink/purple	5 wire	fuse/relay box under driver dash
Unlock Motor	pink/red	5 wire	fuse/relay box under driver dash
Disarm Defeat	pink/red	5 wire	fuse/relay box under driver dash
Parking Lights (+)	red	+	headlight switch
Parking Lights (-)	N/A		
Hazards	lt. green/red	-	switch or Body Control Unit under pass dash, 12 pin plug, pin 12
Turn Signal (Left)	green/red	+	fuse/relay box under driver dash
Turn Signal (Right)	green/white	+	fuse/relay box under driver dash

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue/red	+	headlight switch
AutoLights			
Reverse Light	green/brown or gray/brown	+	Body Control Unit under passenger dash, 22 pin plug, pin 8
Left Front Door Trigger	purple/white	-	Body Control Unit under passenger dash, 26 pin plug, pin 17
Right Front Door Trigger	purple/lt. green	-	Body Cntrl Unit under pass dash, 26 pin plg, pin 4
Left Rear Door Trigger	same as right front door trigger		
Right Rear Door Trigger	same as right front door trigger		
Dome Supervision	purple/blue	+	Body Control Unit under passenger dash, 12 pin plug, pin 9
Trunk/Hatch Pin	same as right front door trigger		
Rear Glass Pin			
Hood Pin	purple/orange	-	hood sw or Body Cntrl Unit under pass dash, 26 pin plug, pin 15
Trunk Hatch/Release			
Trunk Release Motor			
Fuel Door Release	purple/red	+	release switch
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	blue/green (driver door key lock)	-	dr kick or Body Control Unit under pass dash, 26 pin plug, pin 5
Factory Alarm Disarm	blue/gray (driver door key unlock)	double -	dr kick or Body Control Unit under pass dash, 22 pin plug, pin 22
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	white/gray	ac	Engine Control Module under pass dash, 40 pin plug, pin 17
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	pink/green	8-Pulse	Engine Control Module under pass dash, 40 pin plug, pin 22
Brake Wire	green/purple (functions with ignition on only)	+	brake switch
Parking Brake	pink/orange	-	parking brake switch
Horn Trigger	purple/orange	-	horn sw or Body Control Unit under pass dash, 16 pin plug, pin 4
Wipers	red/lt. green (L), blue/lt. green (H)	+	wiper switch
Left Front Window (Up/Down)	gray/black - gray/red	A	Body Control Unit under passenger dash, 7 pin plug, pins 4 and 1
Right Front Window (Up/Down)	gray/blue - gray/pink	A	Body Control Unit under passenger dash, 7 pin plug, pins 2 and 6
Left Rear Window (Up/Down)	gray/yellow - gray/white	B	switch in center console
Right Rear Window (Up/Down)	gray/yellow - gray/brown	B	switch in center console
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	purple	+	radio harness
Radio Ground	black	-	radio harness
Radio Ignition	lt. green/purple	+	radio harness
Radio Illumination	red/brown (dimmer)	+	radio harness
Factory Amp Turn-on	same as power antenna wire		(amplifier is under driver seat)
Power Antenna	red/blue	+	radio harness
Left Front Speaker (+/-)	black/white - black/brown	+,-	radio harness
Right Front Speaker (+/-)	black/pink - black/red	+,-	radio harness
Left Rear Speaker (+/-)	black/yellow - black/orange	+,-	radio harness
Right Rear Speaker (+/-)	black/green - black/blue	+,-	radio harness
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			

DirectWire Vehicle Information - 10/17/2013 6:23:00 AM			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

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What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Factory Alarm Arm	If using the power lock and factory alarm arm, they cannot be pulsed at the same time. There has to be a delay.
Tachometer	Can also go to one of the ignition coil packs and use the wire that is NOT green/brown or green/yellow, or to one of the fuel injectors and use the wire that is NOT brown/orange.