

## 2014 Lexus IS 350



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	blue (30A)	+	dash fuse box, white 36 pin plug (4D), pin 13
<b>Second 12 Volts</b>	black (80A)	+	dash fuse box, gray 1 pin plug (4F), pin 1
<b>Starter</b>	gray (SS1); blue (SS2)	-	engine start/stop switch, black 10 pin plug, pins 5, 1
<b>Second Starter</b>	blue	+	Certification ECU behind glove box, white 16 pin plug, pin 10
<b>Ignition</b>	purple	+	dash fuse box, white 32 pin plug (4C), pin 22
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	pink	+	dash fuse box, rear, white 32 pin plug (4B), pin 19
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	N/A		
<b>Data Bus</b>	black (RX); green (TX)	data	engine start/stop switch, black 10 pin plug, pins 8, 7
<b>Can Bus High</b>	white	data	data link connector, white 16 pin plug, pin 6
<b>Can Bus Low</b>	black	data	data link connector, white 16 pin plug, pin 14
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	green (passenger door switch)	-	dash fuse box, rear, white 32 pin plug (4B), pin 25
<b>Power Unlock</b>	yellow (passenger door switch)	-	dash fuse box, rear, white 32 pin plug (4B), pin 24
<b>Lock Motor</b>	red	5 wire	dash fuse box, white 36 pin plug (4D), pin 7
<b>Unlock Motor</b>	blue	5 wire	driver kick, white 67 pin plug, pin 11
<b>Disarm Defeat</b>	pink	5 wire	dash fuse box, white 36 pin plug (4D), pin 10
<b>Parking Lights (+)</b>	purple	+	dash fuse box, white 36 pin plug (4D), pin 28
<b>Parking Lights (-)</b>	black	-	Body ECU on dash fuse box, white 30 pin plug, pin 22
<b>Hazards</b>	white	-	A/C control assembly, black 16 pin plug, pin 9
<b>Turn Signal (Left)</b>	lt. green	+	dash fuse box, white 36 pin plug (4D), pin 17
<b>Turn Signal (Right)</b>	red	+	dash fuse box, white 36 pin plug (4D), pin 18

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow	-	Body ECU on dash fuse box, white 30 pin plug, pin 12
AutoLights	pink (interrupt to turn off autolights)	-	Body ECU on dash fuse box, white 30 pin plg, pin 8
Reverse Light	black	+	dash fuse box, white 36 pin plug (4D), pin 22
Left Front Door Trigger	purple	-	Body ECU on dash fuse box, white 30 pin plug, pin 6
Right Front Door Trigger	purple	-	Body ECU on dash fuse box, wht 30 pin plug, pin 27
Left Rear Door Trigger	beige	-	dash fuse box, white 36 pin plug (4D), pin 25
Right Rear Door Trigger	beige	-	dash fuse box, rear, white 32 pin plg (4B), pin 17
Dome Supervision	lt. green	-	dash fuse box, rear, white 32 pin plug (4B), pin 10
Trunk/Hatch Pin	green	-	dash fuse box, white 36 pin plug (4D), pin 16
Rear Glass Pin	N/A		
Hood Pin	white	-	Body ECU on dash fuse box, white 30 pin plug, pin 11
Trunk Hatch/Release	pink	-	Body ECU on dash fuse box, white 28 pin plug, pin 5
Trunk Release Motor	black	5 wire	dash fuse box, white 36 pin plug (4D), pin 1
Fuel Door Release	(unlocks along with driver door)		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue (driver door key lock)	-	Body ECU on dash fuse box, white 30 pin plug, pin 29
Factory Alarm Disarm	lt. green (driver door key unlock)	-	Body ECU on dash fuse box, white 30 pin plug, pin 2
Disarm No Unlock	(smart key and ignition)		
Trunk Alarm Shunt	N/A		
Tachometer	white	ac	data link connector, white 16 pin plug, pin 9
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	green	+	above driver kick, white 14 pin plug, pin 1
Rear Defroster	green	-	driver kick, white 64 pin plug, pin 23
Mirror Defroster	(same as rear defroster, w/o mem) (CAN bus, w/mem)		
Left Front Heated Seat	pink	+	driver kick, white 20 pin plug, pin 3
Right Front Heated Seat	blue	+	passenger kick, white 18 pin plug, pin 3

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	blue	ac	radio, white 28 pin plug, pin 17, or white 59 pin plug, pin 56
<b>Brake Wire</b>	red	+	brake switch, white 5 pin plug, pin 2
<b>Parking Brake</b>	gray	-	dash fuse box, white 32 pin plug (4C), pin 15
<b>Horn Trigger</b>	blue	-	dash fuse box, white 32 pin plug (4C), pin 24
<b>Wipers</b>	black	-	driver kick, white 64 pin plug, pin 48
<b>Left Front Window (Up/Down)</b>	(use factory alarm arm/disarm)		
<b>Right Front Window (Up/Down)</b>	(see left front window)		
<b>Left Rear Window (Up/Down)</b>	(see left front window)		
<b>Right Rear Window (Up/Down)</b>	(see left front window)		
<b>Sun Roof (Open/Close)</b>	(use factory alarm arm/disarm)		
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	beige	-	seat memory switch, white 5 pin plug, pin 1
<b>Memory Seat 2</b>	lt. green	-	seat memory switch, white 5 pin plug, pin 2
<b>Memory Seat 3</b>	red	-	seat memory switch, white 5 pin plug, pin 3
<b>Radio 12V</b>	purple	+	radio, white 10 pin plug, pin 4, or white 59 pin plug, pin 17
<b>Radio Ground</b>	white/black	-	radio, white 10 pin plug, pin 7, or white 59 pin plug, pin 12
<b>Radio Ignition</b>	beige	+	radio, white 10 pin plug, pin 3, or white 59 pin plug, pin 16
<b>Radio Illumination</b>	N/A		
<b>Factory Amp Turn-on</b>	N/A		
<b>Power Antenna</b>	N/A		
<b>Left Front Speaker (+/-)</b>	red - black (door); white - pink (dash)	+,-	amplifier in trunk right side, white 30 pin plug, pins 4 - 19; 12 - 27
<b>Right Front Speaker (+/-)</b>	blue - black (door); beige - pink (dash)	+,-	amplifier in trunk right side, white 30 pin plug, pins 5 - 20; 13 - 28
<b>Left Rear Speaker (+/-)</b>	beige - pink (door); black - purple (surround)	+,-	amplifier in trunk right side, white 30 pin plug, pins 14 - 29; 10 - 25
<b>Right Rear Speaker (+/-)</b>	lt. green - white (door); white - gray (surround)	+,-	amplifier in trunk right side, white 30 pin plug, pins 15 - 30; 11 - 26
<b>Center Channel (+/-)</b>	gray - purple	+,-	amplifier in trunk right side, white 30 pin plug, pins 7 - 22
<b>Subwoofer (+/-)</b>	gray - blue	+,-	amplifier in trunk right side, white 30 pin plug, pins 6 - 21
<b>Aux. Audio Input Left (+/-)</b>	black - red	+,-	radio, wh 28P plg, pins28-27; wh 16P plg, pins8-15
<b>Aux. Audio Input Right (+/-)</b>	white - red	+,-	radio, wh 28P plg, pins26-27; wh 16P plg, pins7-15
<b>RSE Video (+/-)</b>	pink - blue (aux. video)	+,-	radio, wh 28P plg, pins13-24; wh 16P plg, pins6-14
<b>RSE Audio Left (+/-)</b>	N/A		
<b>RSE Audio Right (+/-)</b>	N/A		
<b>Satellite Radio 12 Volts</b>	N/A		
<b>Satellite Radio Ground</b>	N/A		
<b>Satellite Radio Ignition</b>	N/A		
<b>Satellite Radio Antenna</b>	N/A		

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DirectWire Vehicle Information - 1/27/2014 4:41:00 PM			
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>	7.1		left front door
<b>Left Front Tweeter</b>	2 or 3.5		left front dash
<b>Right Front Speaker</b>	7.1		right front door
<b>Right Front Tweeter</b>	2 or 3.5		right front dash
<b>Left Rear Speaker</b>	6.2 or 7		left rear door
<b>Left Rear Tweeter</b>	0.9 (tweeter); 3.5 (surround)		left rear door; left rear deck
<b>Right Rear Speaker</b>	6.2 or 7		right rear door
<b>Right Rear Tweeter</b>	0.9 (tweeter); 3.5 (surround)		right rear door; right rear deck
<b>Center Channel</b>	2.5 or 3.5		top center of dash
<b>Subwoofer</b>	7.8		top center of rear deck
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>	(built into radio)		