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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Blue (40A)	+	Dash Fuse Box, white 1 pin plug (2F), pin 1
Ground	(chassis ground)		
Starter	Lt. Green	+	Hybrid Vehicle Control ECU right of dash fuse box, gray 35 pin plug, pin 9
Ignition	Yellow	+	Dash Fuse Box, white 32 pin plug (2C), pin 12
Accessory	Gray	+	Junction Connector left of dash fuse box, blue 22 pin plug, pin 7
Telematics Interrupt	Yellow	Cut	Dash Fuse Box, rear, white 56 pin plug (2A), pin 33
PTS 1	Pink	-	Power Start Stop Switch, black 10 pin plug, pin 5
PTS 2	Violet	-	Power Start Stop Switch, black 10 pin plug, pin 1
SLP	Gray	-	Steering Lock Actuator on steering column, black 7 pin plug, pin 4
CAN Bus High	Lt. Blue	Data	Network Gateway ECU behind glove box, black 24 pin plug, pin 6
CAN Bus Low	White	Data	Network Gateway ECU behind glove box, black 24 pin plug, pin 21
CAN Bus High 2	Red (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low 2	White (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 14
CAN Bus High 3	Blue	Data	Body ECU on dash fuse box, white 30 pin plug, pin 14
CAN Bus Low 3	White	Data	Body ECU on dash fuse box, white 30 pin plug, pin 13
IMMO Data	Black (IMO)	Data	Hybrid Vehicle Control ECU right of dash fuse box, gray 31 pin plug, pin 23
IMMO Data 2	Black (IMI)	Data	Hybrid Vehicle Control ECU right of dash fuse box, gray 31 pin plug, pin 22

2017 Lexus RX350h(SmartKey)EU - Requested by: ampire.de



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Item	Wire Color	Polarity	Wire Location
Security Light	Blue	+	Certification ECU behind glove box, white 27 pin plug, pin 20
Power Lock	black (passenger door switch)	-	dash fuse box, rear, white 32 pin plug (2B), pin 16
Power Unlock	gray (passenger door switch)	-	dash fuse box, rear, white 56 pin plug (2A), pin 39
Lock Motor	black	5 wire	dash fuse box, white 36 pin plug (2D), pin 18
Driver Unlock Motor	beige	5 wire	driver kick, white 62 pin plug, pin 12
Passenger Unlock Motor	white	5 wire	dash fuse box, white 36 pin plug (2D), pin 8
Factory Alarm Arm	Pink (driver door key lock)	-	Body ECU on dash fuse box, white 30 pin plug, pin 29
Factory Alarm Disarm	Violet (driver door key unlock)	Double -	Body ECU on dash fuse box, white 30 pin plug, pin 2
Disarm No Unlock	(proximity key and push-button)		
Parking Lights	black (rear only on models with 3 beam LED headlight)	+	dash fuse box, white 36 pin plug (2D), pin 30
Parking Lights -	violet	-	Body ECU on dash fuse box, white 30 pin plug, pin 22
Hazards	gray	-	radio, white 16 pin plug, pin 9
Turn Signal (Left)	black (F); pink (R)	+	driver kick, white 62 pin plug, pin 9; dash fuse box, white 36 pin plug (2D), pin 13
Turn Signal (Right)	pink (F); blue (R)	+	passenger kick, blue 10 pin plug, pin 8; dash fuse box, white 36 pin plug (2D), pin 16
Headlight	yellow	-	Body ECU on dash fuse box, white 30 pin plug, pin 12
AutoLights	Green	Cut	Body ECU on dash fuse box, white 30 pin plug, pin 8
Reverse Light	red	+	dash fuse box, white 36 pin plug (2D), pin 10
Left Front Door Trigger	pink	-	Body ECU on dash fuse box, white 30 pin plug, pin 6
Right Front Door Trigger	red	-	Body ECU on dash fuse box, white 30 pin plug, pin 27



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Item	Wire Color	Polarity	Wire Location
Left Rear Door Trigger	white	-	dash fuse box, white 36 pin plug (2D), pin 24
Right Rear Door Trigger	red	-	dash fuse box, rear, white 56 pin plug (2A), pin 31
Dome Light	gray	-	dash fuse box, rear, white 32 pin plug (2B), pin 29
Trunk/Hatch Pin	lavender/red	-	left luggage compartment light, white 2 pin plug, pin 1
Hood Pin	red	-	Body ECU on dash fuse box, white 30 pin plug, pin 11
Power Liftgate	red	-	Body ECU on dash fuse box, white 28 pin plug, pin 5
Fuel Door Release	black	-	fuel lid switch, white 18 pin plug, pin 6 or driver kick, gray 63 pin plug, pin 47
Tachometer	(program engine checking off)		
Fuel Pump	red	+	driver kick, gray 12 pin plug, pin 1
Rear Defroster	pink	-	driver kick, gray 63 pin plug, pin 44
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	(LIN bus)		
Right Front Heated Seat	(LIN bus)		
Speed Sense	lt. blue	ac	radio, white 59 pin plug, pin 56
Brake Wire	yellow or lt. blue	+	brake switch, white 5 pin plug, pin 2 or driver kick, blue 18 pin plug, pin 7
Parking Brake	lt. blue (electric parking brake indicator)	-	electric parking brake switch, black 16 pin plug, pin 5
Horn Trigger	green	-	dash fuse box, white 32 pin plug (2C), pin 27
Wipers	(LIN bus)		
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Left Rear Window (Up/Down)	(see left front window)		
Right Rear Window (Up/Down)	(see left front window)		

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Sun Roof (Open/Close)	(use factory alarm arm/disarm)		
Memory Seat 1	green	-	seat memory switch, black 8 pin plug, pin 8
Memory Seat 2	violet	-	seat memory switch, black 8 pin plug, pin 6
Memory Seat 3	red	-	seat memory switch, black 8 pin plug, pin 3
Radio 12V	lavenger/beige	+	radio, white 59 pin plug, pin 17
Radio Ground	white/black	-	radio, white 59 pin plug, pin 12
Radio Ignition	lt. blue	+	radio, white 59 pin plug, pin 16
Radio Illumination	lt. green	+	radio, white 59 pin plug, pin 14
Left Front Speaker (+/-)	blue - lt. green (woofer); red - brown (tweeter)	+,-	amplifier under rear of center console, white 30 pin plug, pins 4 - 19; 12 - 27
Right Front Speaker (+/-)	green - red (woofer); lt. green - blue (tweeter)	+,-	amplifier under rear of center console, white 30 pin plug, pins 5 - 20; 13 - 28
Left Rear Speaker (+/-)	black - yellow (door speaker); pink - red (surround)	+,-	amplifier under rear of center console, white 30 pin plug, pins 14 - 29; 10 - 25
Right Rear Speaker (+/-)	red - white (door speaker); white - gray (surround)	+,-	amplifier under rear of center console, white 30 pin plug, pins 15 - 30; 11 - 26
Center Channel (+/-)	blue - pink or blue - violet	+,-	amplifier under rear of center console, white 30 pin plug, pins 7 - 22
Subwoofer (+/-)	gray - white	+,-	amplifier under rear of center console, white 30 pin plug, pins 6 - 21
Aux. Audio Input Left (+/-)	green - pink	+,-	radio, white 16 pin plug, pin 8 - 15
Aux. Audio Input Right (+/-)	blue - pink	+,-	radio, white 16 pin plug, pin 7 - 15
RSE Video (+/-)	lt. green - pink or brown - lt. blue (rear view camera video)	+,-	driver kick, white 62 pin plug, pins 27 - 26
RSE Audio Left (+/-)	(MOST)		
RSE Audio Right (+/-)	(MOST)		
Satellite Radio 12 Volts	(built into radio)		



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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	7.1 or 7x10		left front door
Left Front Tweeter	2.6 or 3.5		left front dash
Right Front Speaker	7.1 or 7x10		right front door
Right Front Tweeter	2.6 or 3.5		right front dash
Left Rear Speaker	6.3 or 6.7		left rear door
Left Rear Tweeter	0.9 (tweeter); 3.5 (surround)		left rear door; left rear pillar
Right Rear Speaker	6.3 or 6.7		right rear door
Right Rear Tweeter	0.9 (tweeter); 3.5 (surround)		right rear door; right rear pillar
Center Channel	2.6 or 3.5		top center of dash
Subwoofer	7.8		left rear quarter panel
Satellite Radio Tuner	(built into radio)		