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### ***Wiring Information***

Item	Wire Color	Polarity	Wire Location
12 Volts	green (60A)	+	dash fuse box, black 3 pin plug (D), pin 1
Second 12 Volts	red (60A)	+	dash fuse box, black 3 pin plug (D), pin 2
Ground	(chassis ground)		
Starter	green	+	driver kick, white 58 pin plug, pin 49
Ignition	pink	+	driver kick, white 58 pin plug, pin 58
Accessory	white	+	driver kick, white 58 pin plug, pin 32
Second Accessory	blue	+	driver kick, white 58 pin plug, pin 26
PTS 1	yellow/black	-	start stop button switch, white 12 pin plug, pin 1
PTS 2	yellow/orange	-	start stop button switch, white 12 pin plug, pin 8
CAN Bus High	white (C-CAN)	data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	brown (C-CAN)	data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	orange (B-CAN)	data	dash fuse box, rear, white 24 pin plug (G), pin 13
CAN Bus Low 2	blue (B-CAN)	data	dash fuse box, rear, white 24 pin plug (G), pin 1
OBD 12 Volts	red (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	black	-	OBD-Data Link Connector, black 16 pin plug, pin 4
IMMO Data	blue/orange (EMS COM)	data	driver kick, white 58 pin plug, pin 37
Power Lock	pink/black	-	dash fuse box, white 24 pin plug (C), pin 19
Power Unlock	yellow/black	-	dash fuse box, white 24 pin plug (C), pin 20
Lock Motor	gray/black	reverse	dash fuse box, white 39 pin plug (B), pin 30
Driver Unlock Motor	red	reverse	driver kick, white 56 pin plug, pin 19
Passenger Unlock Motor	brown/black	reverse	dash fuse box, white 39 pin plug (B), pin 37

## 2015 Kia Rondo(SmartKey) - Requested by: ampire.de



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Item	Wire Color	Polarity	Wire Location
Factory Alarm Arm	yellow/black (see Tech Doc 1300)	-	dash fuse box, white 24 pin plug (C), pin 23
Factory Alarm Disarm	orange (see Tech Doc 1300)	double -	dash fuse box, white 24 pin plug (C), pin 16
Lock Detection	pink (see Tech Doc 1300)	open	dash fuse box, white 24 pin plug (C), pin 6
Unlock Detection	(same as lock detection)	-	
Parking Lights	green/black (LF/LR); brown/black (RF/RR)	+	dash fuse box, white 39 pin plug (B), pin 9 (LF/LR); pin 10 (RF/RR)
Parking Lights -	pink	-	headlight switch, white 16 pin plug, pin 14
Hazards	red	-	dash fuse box, rear, white 24 pin plug (G), pin 14
Turn Signal (Left)	blue/orange (LF); blue/red (LR)	+	dash fuse box, white 34 pin plug (E), pin 25 (LF); white 39 pin plug (B), pin 7 (LR)
Turn Signal (Right)	red (RF); red/black (RR)	+	dash fuse box, white 34 pin plug (E), pin 16 (RF); white 39 pin plug (B), pin 8 (RR)
Headlight	blue	-	headlight switch, white 16 pin plug, pin 15
AutoLights	green	cut	headlight switch, white 16 pin plug, pin 13
Reverse Light	blue	+	dash fuse box, white 39 pin plug (B), pin 22
Left Front Door Trigger	brown	-	dash fuse box, white 24 pin plug (C), pin 7
Right Front Door Trigger	blue	-	dash fuse box, white 24 pin plug (C), pin 11
Left Rear Door Trigger	gray	-	dash fuse box, white 24 pin plug (C), pin 12
Right Rear Door Trigger	orange	-	dash fuse box, white 24 pin plug (C), pin 15
Dome Light	yellow	-	left front pillar, white 24 pin plug, pin 5
Trunk/Hatch Pin	green	-	dash fuse box, white 24 pin plug (C), pin 21
Hood Pin	green	-	dash fuse box, white 34 pin plug (E), pin 34
Trunk/Hatch Release	white (rear handle switch)	-	dash fuse box, white 24 pin plug (C), pin 5
Trunk Release Motor	red/orange	+	dash fuse box, white 39 pin plug (B), pin 38
Tachometer	gray	ac	driver kick, white 58 pin plug, pin 52

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Item	Wire Color	Polarity	Wire Location
Clutch Pedal	green	-	clutch switch, black 2 pin plug, pin 2
Fuel Pump	pink	+	driver kick, white 24 pin plug, pin 1
Rear Defroster	blue/orange	- latched	dash fuse box, white 34 pin plug (E), pin 12
Mirror Defroster	(same as rear defroster)		
Wiper Deicer	blue/orange	- latched	dash fuse box, white 34 pin plug (E), pin 6
Left Front Heated Seat	brown	+	left seat warmer switch, white 16 pin plug, pin 13
Right Front Heated Seat	brown	+	right seat warmer switch, white 12 pin plug, pin 7
Speed Sense	yellow	4-Pulse	OBD-Data Link Connector, black 16 pin plug, pin 3 --or-- radio, white 24 pin plug, pin 16
Brake Wire	white	+	brake switch, white 4 pin plug, pin 1
Parking Brake	orange (without electric parking brake)	-	dash fuse box, white 24 pin plug (C), pin 22
Horn Trigger	white	-	driver kick, white 58 pin plug, pin 17
Wipers	yellow (LO); white (HI); pink (ignition)	+	wiper switch, white 14 pin plug, pin 5 (LO); pin 8 (HI); pin 7 (ignition)
Left Front Window (Up/Down)	yellow - green (without auto up/down only)	A	power window main switch, white 18 pin plug, pins 7 - 8
Right Front Window (Up/Down)	brown - white (without auto up/down only)	A	driver kick, door harness
Left Rear Window (Up/Down)	blue - gray (without auto up/down only)	A	driver kick, door harness
Right Rear Window (Up/Down)	yellow/black - pink (without auto up/down only)	A	driver kick, door harness
Sun Roof (Open/Close)	orange and gray (open) (functions with ignition on only)	both -	sunroof switch, black 6 pin plug, pins 6, 2
Sun Roof (Limit/Close)	green and gray (close) (functions with ignition on only)	both -	sunroof switch, black 6 pin plug, pins 3, 2
Radio 12V	red	+	radio, white 24 pin plug, pin 12
Radio Ground	black	-	radio, white 24 pin plug, pin 24
Radio Ignition	blue	+	radio, white 24 pin plug, pin 11
Radio Illumination	blue (parking lights); gray (dimmer)	+,-	radio, white 18 pin plug, pin 8 (parking lights); pin 17 (dimmer)

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Item	Wire Color	Polarity	Wire Location
Factory Amp Turn-on	(M-CAN)		
Power Antenna	red	+	radio, white 18 pin plug, pin 18
Left Front Speaker (+/-)	orange - green	+,-	radio, white 18 pin plug, pins 2 - 11
Right Front Speaker (+/-)	yellow - black	+,-	radio, white 18 pin plug, pins 3 - 12
Left Rear Speaker (+/-)	red - blue	+,-	radio, white 18 pin plug, pins 1 - 10
Right Rear Speaker (+/-)	brown - white	+,-	radio, white 18 pin plug, pins 4 - 13
Left Front Speaker - With Amp	orange - green	+,-	amplifier under passenger seat, white 12 pin plug, pins 6 - 12
Right Front Speaker - With Amp	yellow - black	+,-	amplifier under passenger seat, white 12 pin plug, pins 5 - 11
Left Front Tweeter - With Amp	orange - green	+,-	amplifier under passenger seat, white 12 pin plug, pins 4 - 10
Right Front Tweeter - With Amp	white - black	+,-	amplifier under passenger seat, white 12 pin plug, pins 3 - 9
Left Rear Speaker - With Amp	red - blue	+,-	amplifier under passenger seat, white 12 pin plug, pins 2 - 8
Right Rear Speaker - With Amp	brown - white	+,-	amplifier under passenger seat, white 12 pin plug, pins 1 - 7
Subwoofer - With Amp	brown - white (coil 1); blue - red (coil 2)	+,-	amplifier under passenger seat, white 26 pin plug, pins 13 - 26 (coil 1); pins 12 - 25 (coil 2)
Aux. Audio Input Left (+/-)	red - black/orange	+,-	radio, white 24 pin plug, pins 21 - 9
Aux. Audio Input Right (+/-)	black - black/orange	+,-	radio, white 24 pin plug, pins 8 - 9
Rearview Camera Video	green - white	+,-	radio, white 24 pin plug, pins 6 - 18 or white 18 pin plug, pins 2 - 3



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***What Fits***

Item	Size	Depth	Location
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