

2012 Honda CR-Z



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white (50A)	+	ignition switch, brown 7 pin plug, pin 1
Second 12 Volts	N/A		
Starter	red	+	ignition switch, brown 7 pin plug, pin 3
Second Starter	N/A		
Ignition	yellow	+	ignition switch, brown 7 pin plug, pin 5
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	orange	+	ignition switch, brown 7 pin plug, pin 7
Second Accessory	red	+	ignition switch, brown 7 pin plug, pin 6
Third Accessory	N/A		
Key Sense	gray	-	ignition key switch, green 6 pin plug, pin 6
Data Bus	pink (S-NET immobilizer data)	data	Immobilizer Control Unit around ign key sw, green 7 pin plug, pin 5
Can Bus High	green (F-CAN)	data	data link connector, 16 pin plug, pin 6
Can Bus Low	pink (F-CAN)	data	data link connector, 16 pin plug, pin 14
Can Bus Sw	green (B-CAN)	data	Immobilizer Control Unit around ign key sw, green 7 pin plug, pin 4
Power Lock	green	-	dash fuse box, green 12 pin plug (F), pin 11
Power Unlock	lt. green	-	dash fuse box, green 12 pin plug (F), pin 6
Lock Motor	purple	5 wire	dash fuse box, green 6 pin plug (G), pin 1
Unlock Motor	lt. green	5 wire	below dash fuse box, white 18 pin plug, pin 10
Disarm Defeat	pink	5 wire	dash fuse box, rear, 10 pin plug (N), pin 9
Parking Lights (+)	red	+	dash fuse box, green 49 pin plug (D), pin 37
Parking Lights (-)	gray	-	headlight switch, 12 pin plug, pin 8
Hazards	pink	+	hazard switch, 5 pin plug, pin 4
Turn Signal (Left)	blue	+	dash fuse box, green 49 pin plug (D), pin 8
Turn Signal (Right)	white	+	dash fuse box, green 49 pin plug (D), pin 38

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	red	-	headlight switch, 12 pin plug, pin 9
AutoLights	blue (ground to turn off autolights)	-	headlight switch, 12 pin plug, pin 10
Reverse Light	lt. green	+	dash fuse box, green 49 pin plug (D), pin 29
Left Front Door Trigger	pink	-	dash fuse box, green 49 pin plug (D), pin 46
Right Front Door Trigger	brown	-	dash fuse box, green 49 pin plug (D), pin 47
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	pink	-	dash fuse box, green 8 pin plug (H), pin 5
Trunk/Hatch Pin	orange	-	dash fuse box, green 49 pin plug (D), pin 28
Rear Glass Pin	N/A		
Hood Pin	purple	-	dash fuse box, blue 36 pin plug (A), pin 29
Trunk Hatch/Release	pink (rear handle switch)	-	dash fuse box, green 49 pin plug (D), pin 4
Trunk Release Motor	red	5 wire	below dash fuse box, blue 12 pin plug, pin 6
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	pink (driver door key lock)	-	dash fuse box, green 12 pin plug (F), pin 4
Factory Alarm Disarm	gray (driver door key unlock)	-	dash fuse box, green 12 pin plug (F), pin 3
Disarm No Unlock	(see factory alarm disarm)		
Trunk Alarm Shunt	N/A		
Tachometer	(program engine checking off)		
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	blue	-	clutch switch, 2 pin plug, pin 1
Fuel Pump	orange	+	below dash fuse box, white 20 pin plug, pin 2
Rear Defroster	purple	- latched	dash fuse box, rear, 10 pin plug (N), pin 3
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	lt. green (LO); orange (HI)	+ latched	driver seat heater switch, 6 pin plug, pins 4, 1
Right Front Heated Seat	blue (LO); lt. blue (HI)	+ latched	passenger seat heater switch, 7 pin plug, pins 4, 1

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	blue	ac	below dash FB, wht 20 pin plg, pin 16, or radio, 24 pin plug, pin 22
Brake Wire	white	+	brake switch or dash fuse box, green 49 pin plug (D), pin 7
Parking Brake	orange	-	parking brake switch, 1 pin plug, pin 1
Horn Trigger	orange	-	horn switch or below dash fuse box, white 20 pin plug, pin 12
Wipers	orange (LO); red (HI); black (ground)	-	wiper switch, 8 pin plug, pins 3, 1, 8
Left Front Window (Up/Down)	lt. blue - pink	A	power window master switch, 22 pin plug, pins 2 - 3
Right Front Window (Up/Down)	white - yellow	A	below dash fuse box, white 18 pin plug, pins 11 - 12
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)	N/A		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	pink	+	radio, 24 pin plug, pin 13
Radio Ground	black	-	radio, 24 pin plug, pin 1
Radio Ignition	purple	+	radio, 24 pin plug, pin 23
Radio Illumination	red (parking lights); white (dimmer)	+,-	radio, 24 pin plug, pins 24 - 12
Factory Amp Turn-on	white	+	radio, 24 pin plug, pin 20
Power Antenna	black	+	radio, 3 pin plug, pin 1
Left Front Speaker (+/-)	lt. blue - gray or yellow - pink	+,-	radio, 24 pin plug, pins 14 - 15
Right Front Speaker (+/-)	blue - red or green - orange	+,-	radio, 24 pin plug, pins 18 - 19
Left Rear Speaker (+/-)	gray - brown or red - green	+,-	radio, 24 pin plug, pins 2 - 3
Right Rear Speaker (+/-)	blue - orange or lt. green - white	+,-	radio, 24 pin plug, pins 6 - 7
Center Channel (+/-)	N/A		
Subwoofer (+/-)	red - lt. blue	+,-	amplifier left of radio, 20 pin plug, pins 6 - 16
Aux. Audio Input Left (+/-)	yellow - brown (with navigation)	+,-	radio, 24 pin plug (B), pins 24 - 12
Aux. Audio Input Right (+/-)	orange - brown (with navigation)	+,-	radio, 24 pin plug (B), pins 23 - 12
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	white - green or white - black (USB and XM audio)	+,-	radio, 14 pin plug, pins 1 - 7
RSE Audio Right (+/-)	black - red or red - green (USB and XM audio)	+,-	radio, 14 pin plug, pins 2 - 8
Satellite Radio 12 Volts	lt. blue	+	XM Receiver behind glove box, 14 pin plug, pin 6
Satellite Radio Ground	purple	-	XM Receiver behind glove box, 14 pin plug, pin 10
Satellite Radio Ignition	brown	+	XM Receiver behind glove box, 14 pin plug, pin 5
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	white - black	+,-	XM Receiver, 14 pin plug, pins 1 - 7
Satellite Audio Right (+/-)	red - green	+,-	XM Receiver, 14 pin plug, pins 2 - 8

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	6.5		left rear side panel
Left Rear Tweeter	N/A		
Right Rear Speaker	6.5		right rear side panel
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	8		left rear quarter panel
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			behind glove box

Additional Wiring Notes

Item	Note
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are gray - brown at the amplifier left of radio, 20 pin plug, pins 3 - 13.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are blue - orange at the amplifier left of radio, 20 pin plug, pins 4 - 14.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are white - gray (woofer); lt. blue - gray (tweeter) at the amplifier left of radio, 20 pin plug, pins 8 - 18; 7 - 17.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are blue - red (woofer); blue - red (tweeter) at the amplifier left of radio, 20 pin plug, pins 9 - 19; 10 - 20.