

2013 Scion FR-S



Remote Start, Security, Keyless Entry, Accessories

Item	Wire Color	Polarity	Wire Location
12 Volts	white/red (40A)	+	ignition switch, white 8 pin plug, pin 7
Second 12 Volts	white/green (7.5A)	+	ignition switch, white 8 pin plug, pin 2
Starter	white/black	+	ignition switch, white 8 pin plug, pin 8
Second Starter	red/white	+	ignition switch, white 8 pin plug, pin 1
Ignition	green/orange	+	ignition switch, white 8 pin plug, pin 6
Second Ignition	white	+	ignition switch, white 8 pin plug, pin 4
Third Ignition	N/A		
Accessory	lt. blue	+	ignition switch, white 8 pin plug, pin 3
Second Accessory	N/A		
Third Accessory	N/A		
Keysense	brown	+	Body ECU, white 30 pin plug, pin 22
Data Bus	lt. green (RX), white (TX), yellow (IMO)	data	Body ECU, white 28 pin plug, pins 5, 15, and 9
Can Bus High	black/yellow	data	data link connector, white 16 pin plug, pin 6
Can Bus Low	lt. green	data	data link connector, white 16 pin plug, pin 14
Can Bus Sw	N/A		
Power Lock	blue	-	driver kick, white 22 pin plug, pin 16
Power Unlock	pink	-	driver kick, white 22 pin plug, pin 15
Lock Motor	red	5 wire	driver kick, white 10 pin plug, pin 2
Driver Unlock Motor	lt. green	5 wire	driver kick, white 10 pin plug, pin 3
Passenger Unlock Motor	lt. green	5 wire	passenger kick, white 10 pin plug, pin 3
Parking Lights (-)	beige	-	Body ECU, white 30 pin plug, pin 25
Parking Lights (+)	red	+	driver kick, white 48 pin plug, pin 7
Hazards	red	-	hazard switch, white 14 pin plug, pin 7
Turn Signal (Left)	yellow/green	+	driver kick, white 48 pin plug, pin 23
Turn Signal (Right)	white	+	driver kick, white 48 pin plug, pin 22
Headlight	white	-	Body ECU, white 30 pin plug, pin 2
AutoLights	N/A		
Reverse Light	pink	+	driver kick, white 48 pin plug, pin 5
Left Front Door Trigger	yellow/black	-	driver kick, white 48 pin plug, pin 18
Right Front Door Trigger	lt. green	-	passenger kick, white 14 pin plug, pin 3
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		

Remote Start, Security, Keyless Entry, Accessories (Continued)

Item	Wire Color	Polarity	Wire Location
Dome Supervision	blue	-	Body ECU, white 30 pin plug, pin 7
Trunk/Hatch Pin	white/black	-	driver kick, white 48 pin plug, pin 19
Rear Glass Pin	N/A		
Hood Pin	N/A		
Trunk/Hatch Release	blue	-	release switch or Body ECU, white 18 pin plug, pin 16
Trunk Release Motor	brown	5 wire	driver kick, white 48 pin plug, pin 4
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	N/A		
Factory Alarm Disarm	N/A		
Disarm No Unlock	N/A		
Trunk Alarm Shunt	N/A		
Tachometer	white, black/yellow, black/red, or black/blue	ac	passenger rear of engine, wht/blk 54 pin plug, pin 54, 53, 52, or 51
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	red (input), yellow/pink (output)	+ N.O.	clutch switch, white 2 pin plug, pins 1 and 2
Fuel Pump	red	+	passenger kick, white 10 pin plug, pin 8
Rear Defroster	white	-	Body ECU, white 18 pin plug, pin 5
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	N/A		
Right Front Heated Seat	N/A		
Speed Sense	pink/green	ac	radio, white 28 pin plug, pin 17
Brake Wire	lt. green	+	driver kick, white 48 pin plug, pin 6
Parking Brake	gray	-	parking brake switch, white 1 pin plug, pin 1
Horn Trigger	blue	-	dash fuse box, white 36 pin plug (3D), pin 32
Wipers	black/blue (L), red/blue (H), yellow/red (ignit)	+	wiper switch, white 10 pin plug, pins 3, 4, and 2
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
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		