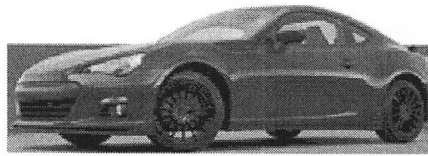


2015 Subaru BRZ (Smart Key)



Remote Start, Security, Keyless Entry, Accessories

Item	Wire Color	Polarity	Wire Location
12 Volts	black/red (140A)	+	dash fuse box, white 1 pin plug (3E), pin 1
Second 12 Volts	N/A		
Starter	green/white (STSW)	+	above passenger kick, white 48 pin plug, pin 16
Second Starter	pink (SS1); beige (SS2)	-	engine start/stop switch, white 10 pin plug, pins 5, 1
Ignition	pink	+	dash fuse box, white 40 pin plug (3C), pin 4
Second Ignition	white	+	dash fuse box, rear, white 56 pin plug (3A), pin 15
Third Ignition	N/A		
Accessory	lt. blue	+	dash fuse box, rear, white 56 pin plug (3A), pin 20
Second Accessory	N/A		
Third Accessory	N/A		
Keysense	N/A		
Data Bus	red (RX); white (TX)	data	engine start/stop switch, white 10 pin plug, pins 8, 7
Can Bus High	black/yellow	data	data link connector, black or white 16 pin plug, pin 6
Can Bus Low	lt. green	data	data link connector, black or white 16 pin plug, pin 14
Can Bus Sw	green (RDA keyless entry data)	data	driver kick, white 48 pin plug, pin 45
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 on dash fuse box, white 30 pin plug, pin 25
Parking Lights (+)	red	+	driver kick, white 48 pin plug, pin 7
Hazards	white	-	turn signal flasher next to steering column, white 8 pin plug, pin 8
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 on dash fuse box, white 30 pin plug, pin 2
AutoLights	lt. blue (interrupt to turn off autolights)	-	Body ECU on dash FB, wht 30 pin plug, pin 23
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)

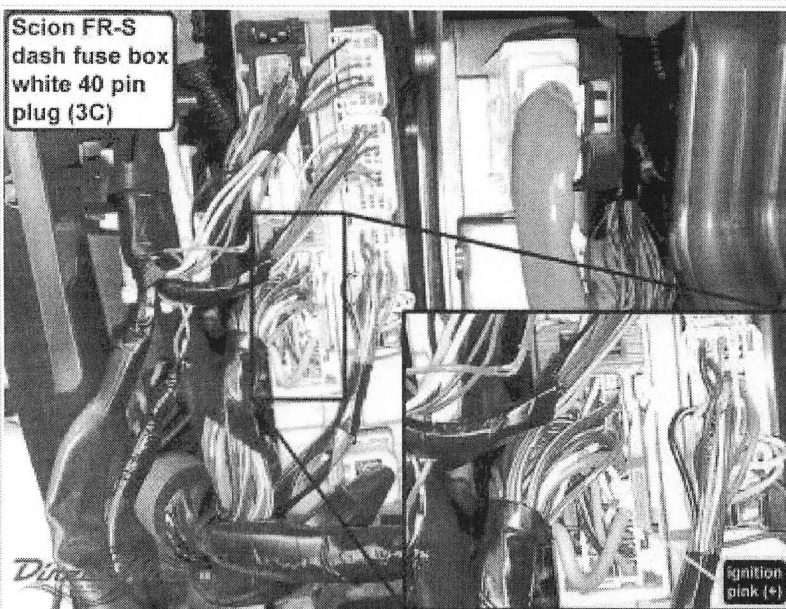
Item	Wire Color	Polarity	Wire Location
Dome Supervision	blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 7
Trunk/Hatch Pin	white/black	-	driver kick, white 48 pin plug, pin 19
Rear Glass Pin	N/A		
Hood Pin	N/A		
Trunk/Hatch Release	blue	-	Body ECU on dash fuse box, white 18 pin plug, pin 16
Trunk 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	gray/red	ac	above passenger kick, white 48 pin plug, pin 37
Wait to Start	N/A		
Neutral Safety	green/black (M/T)	-	ECM behind glove box, white 31 pin plug, pin 16
Clutch Pedal	yellow/pink	+	clutch switch, white 2 pin plug, pin 2
Fuel Pump	red	+	passenger kick, white 10 pin plug, pin 8
Rear Defroster	white	- latched	Body ECU on dash fuse box, white 28 pin plug, pin 24
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	red	5 wire	driver kick, white 48 pin plug, pin 1
Right Front Heated Seat	lt. green	5 wire	passenger kick, white 10 pin plug, pin 6
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 (LO); red/blue (HI); yellow/red (ignit)	+	wiper switch, white 10 pin plug, pins 3, 4, 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		

Audio

Item	Wire Color	Polarity	Wire Location
Radio 12V	orange	+	radio, white 10 pin plug, pin 4
Radio Ground	black/blue	-	radio, white 10 pin plug, pin 7
Radio Ignition	red	+	radio, white 10 pin plug, pin 3
Radio Illumination	purple (parking lights); black/white (dimmer)	+,-	radio, white 10 pin plug, pin 10; white 6 pin plug, pin 5
Factory Amp Turn-on	brown (front door woofer amp)	+	radio, white 10 pin plug, pin 9
Power Antenna	pink	+	radio, white 10 pin plug, pin 8
Left Front Speaker (+/-)	black - yellow	+,-	radio, white 10 pin plug, pins 2 - 6
Right Front Speaker (+/-)	white/blue - black/blue	+,-	radio, white 10 pin plug, pins 1 - 5
Left Rear Speaker (+/-)	purple - pink	+,-	radio, white 6 pin plug, pins 2 - 6
Right Rear Speaker (+/-)	yellow - black	+,-	radio, white 6 pin plug, pins 1 - 3
Center Channel (+/-)	N/A		
Subwoofer (+/-)	(front door woofer amp uses LF- RF spkrs for input)		
Aux. Audio Input Left (+/-)	blue/yellow - blue/orange	+,-	radio, white 28 pin plug, pins 28 - 27
Aux. Audio Input Right (+/-)	white/blue - blue/orange	+,-	radio, white 28 pin plug, pins 26 - 27
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	(built into radio)		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6.3		left front door
Left Front Tweeter	1.0 (tweeter); 3.5 (midrange)		left front dash
Right Front Speaker	6.3		right front door
Right Front Tweeter	1.0 (tweeter); 3.5 (midrange)		right front dash
Left Rear Speaker	3.5		left rear side panel
Left Rear Tweeter	N/A		
Right Rear Speaker	3.5		right rear side panel
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Rear Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Wiring Photo and Notes: Ignition**Notes:**

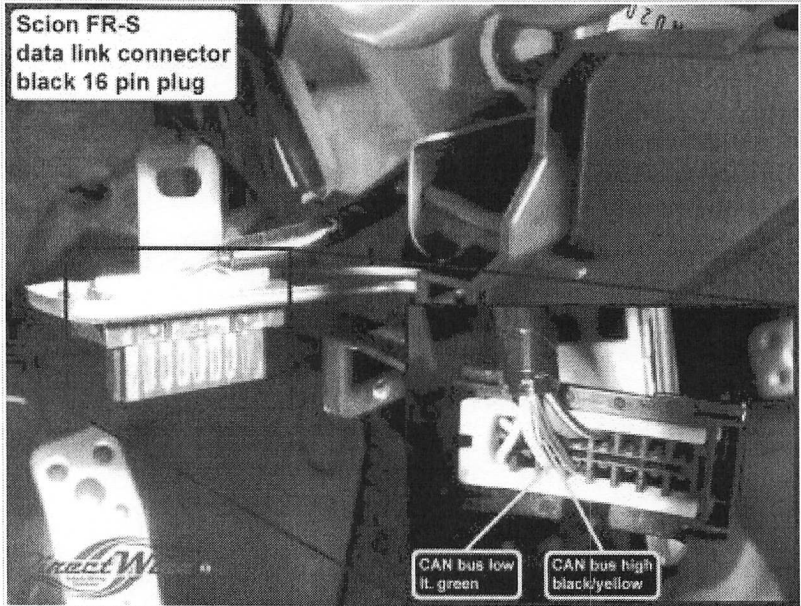
There are currently no notes for this item.

*Wiring Photo and Notes: Data Bus***Notes:**

The IMO is yellow, above passenger kick, white 48 pin plug, pin 32.



Wiring Photo and Notes: Can Bus High



Notes:

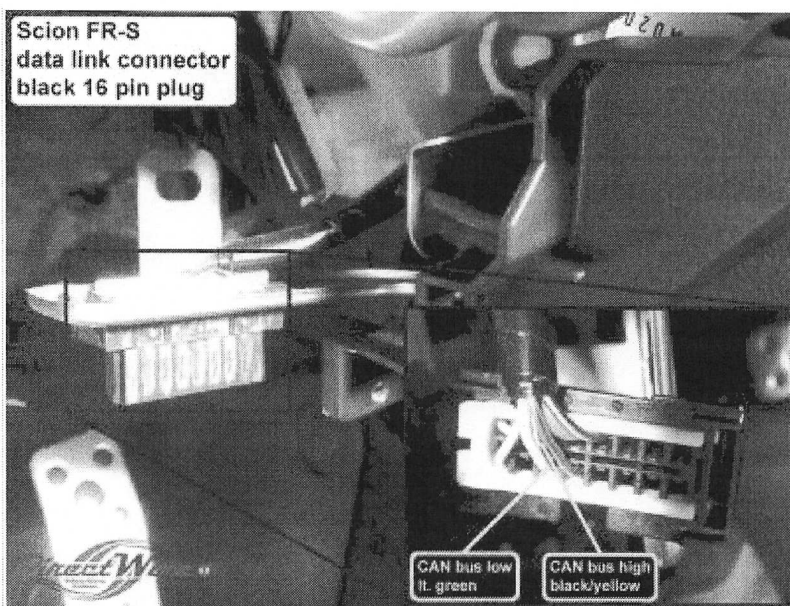
There are currently no notes for this item.

Wiring Photo and Notes: Can Bus Low

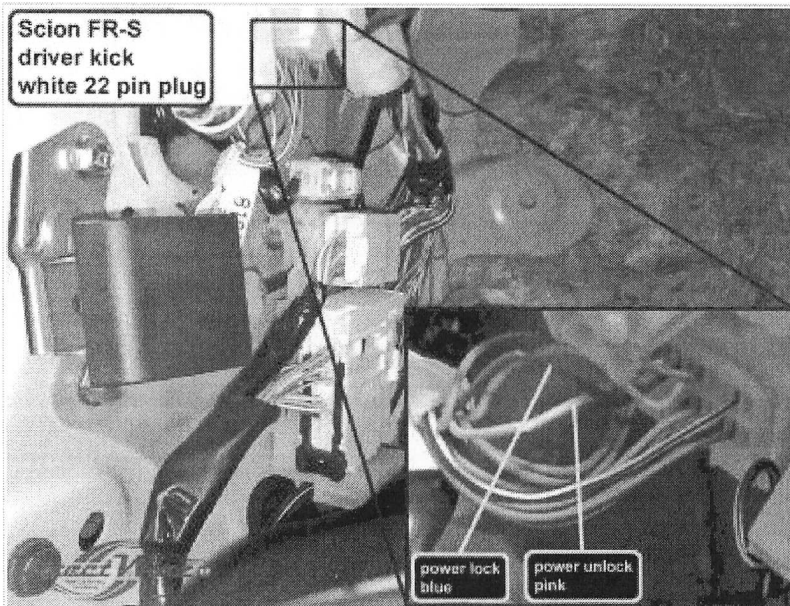


Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Power Lock



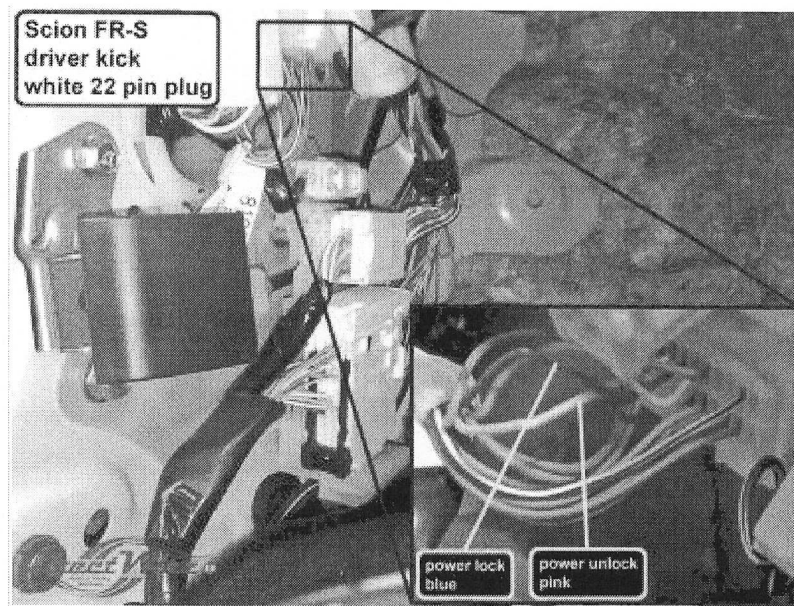
Notes:

There are currently no notes for this item.

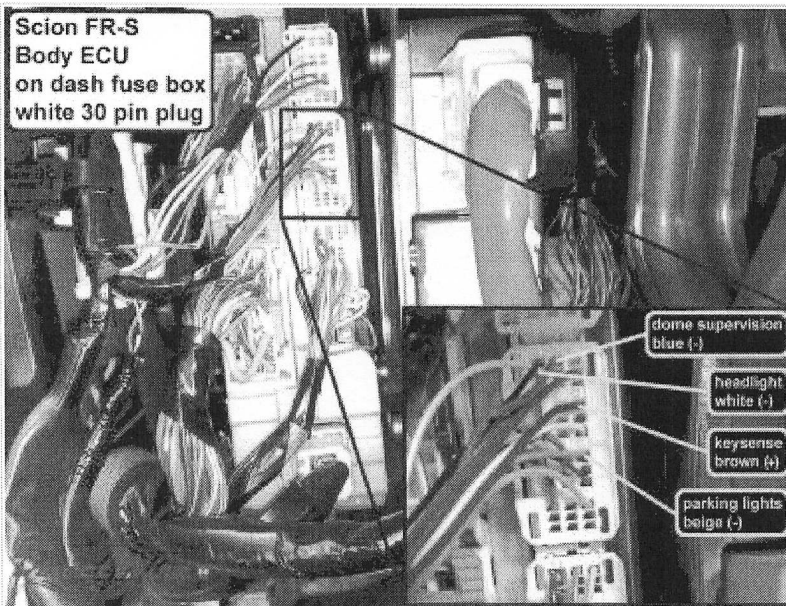
Wiring Photo and Notes: Power Unlock

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Parking Lights (-)



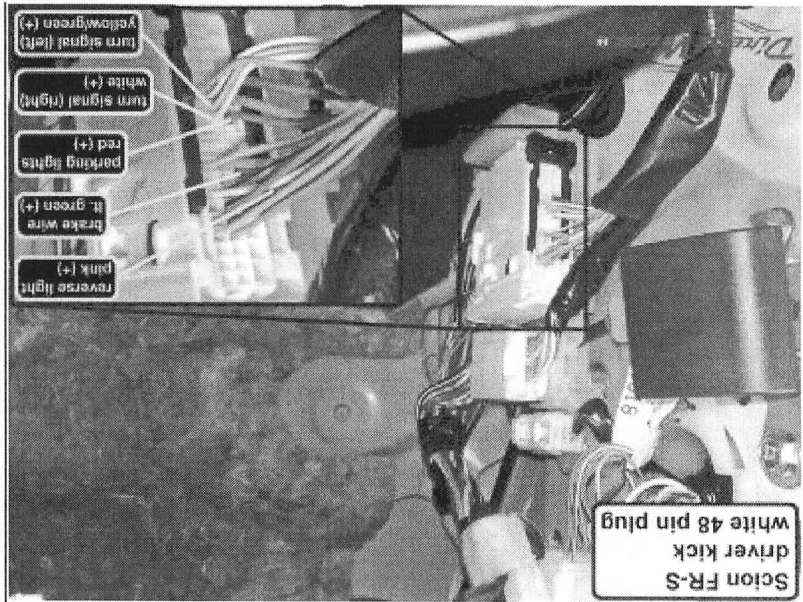
Notes:

There are currently no notes for this item.

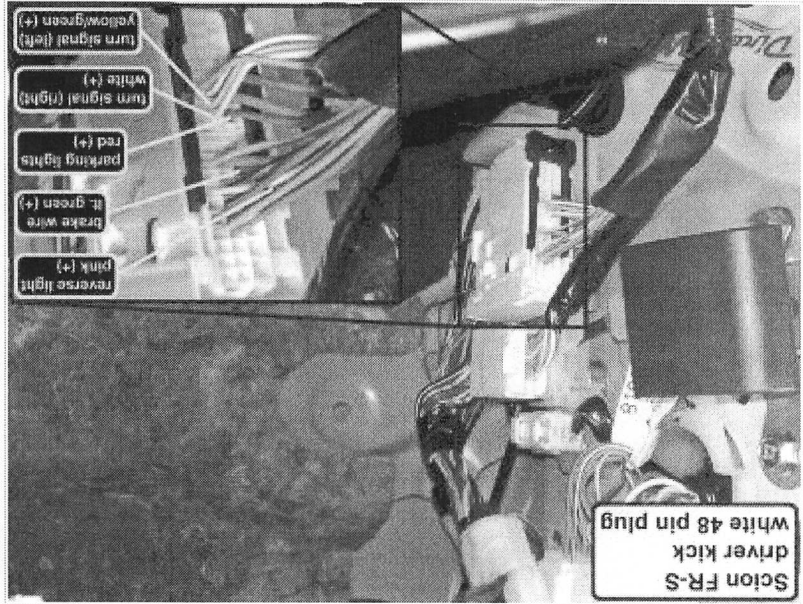
Wiring Photo and Notes: Parking Lights (+)

Notes:

There are currently no notes for this item.



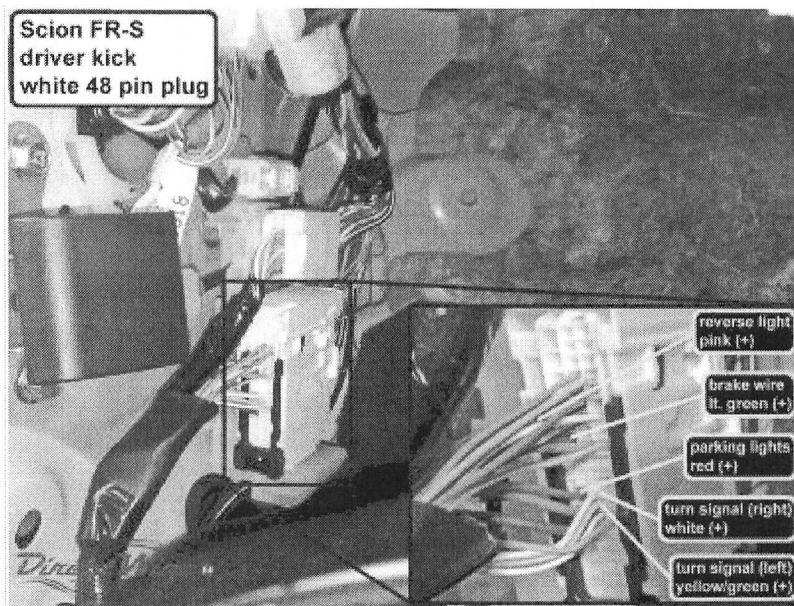
Wiring Photo and Notes: Turn Signal (Left)



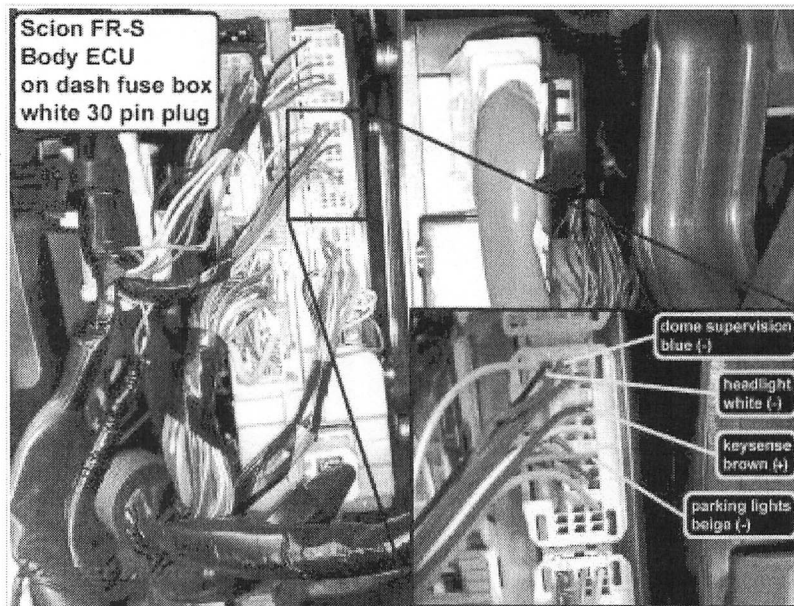
Notes:
There are currently no notes for this item.

Wiring Photo and Notes: Turn Signal (Right)

Notes:
There are currently no notes for this item.



Wiring Photo and Notes: Headlight



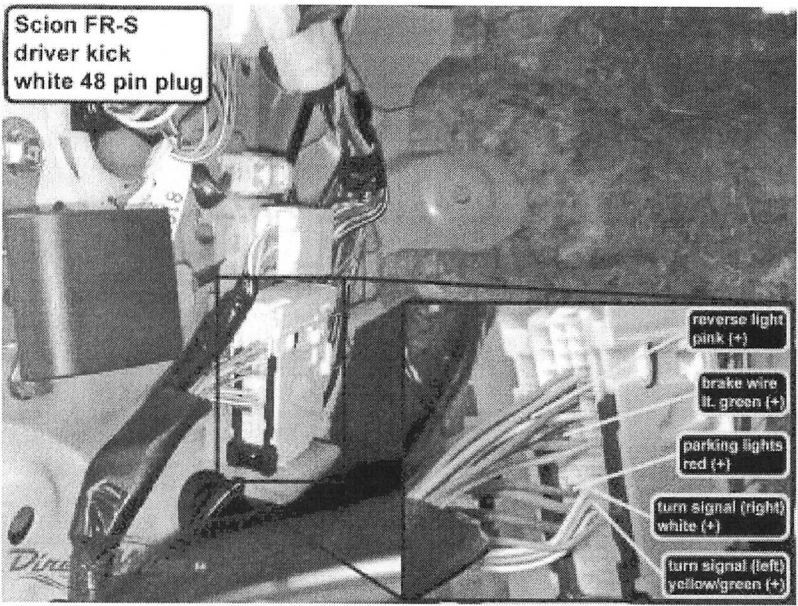
Notes:

There are currently no notes for this item.

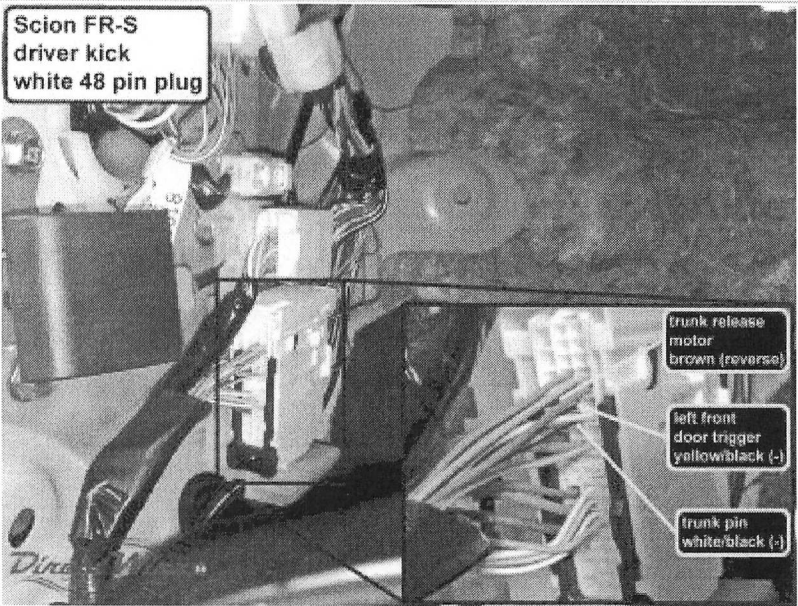
Wiring Photo and Notes: Reverse Light

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Left Front Door Trigger



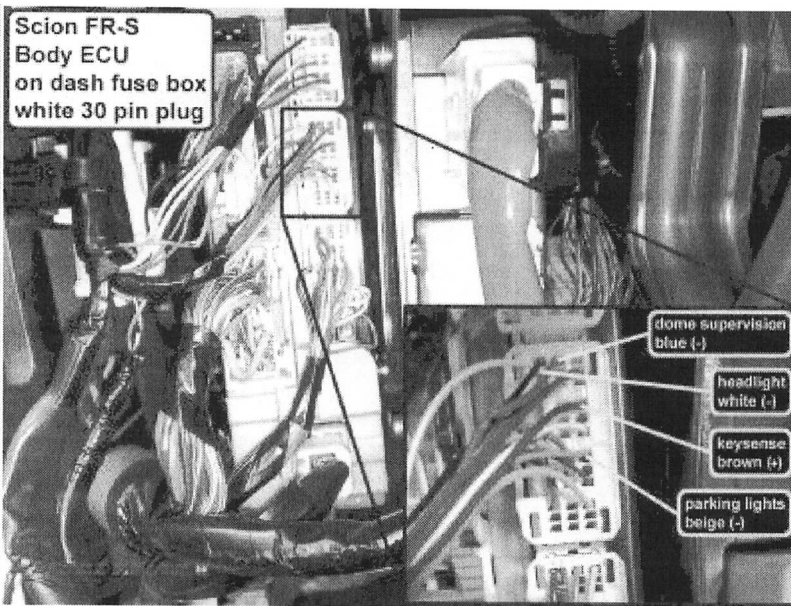
Notes:

There are currently no notes for this item.

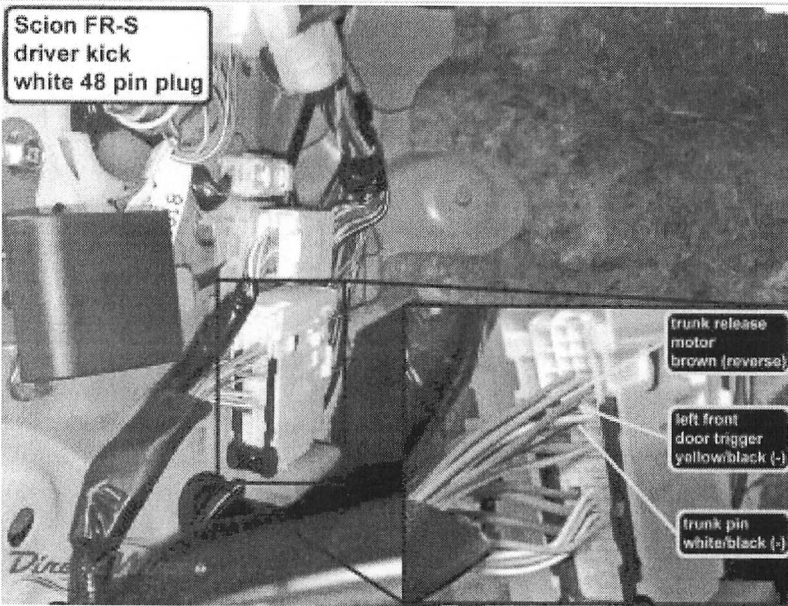
Wiring Photo and Notes: Dome Supervision

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Trunk/Hatch Pin



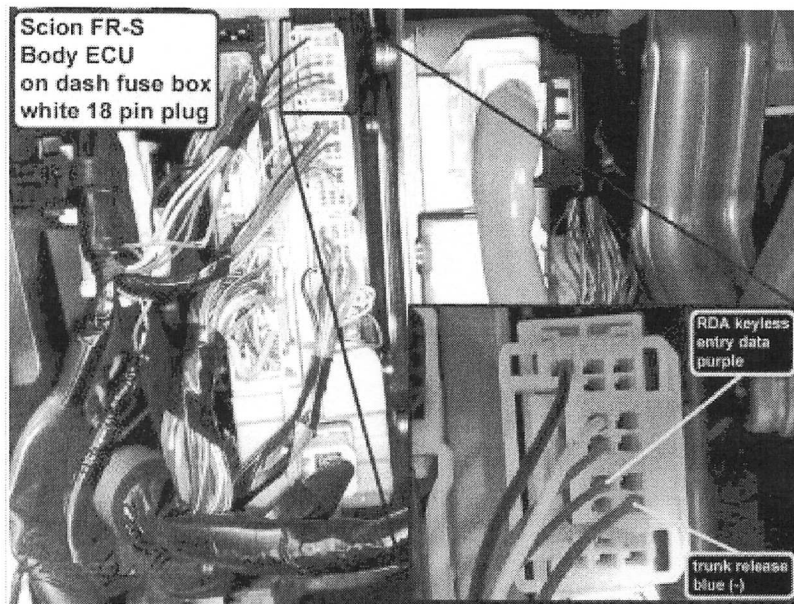
Notes:

There are currently no notes for this item.

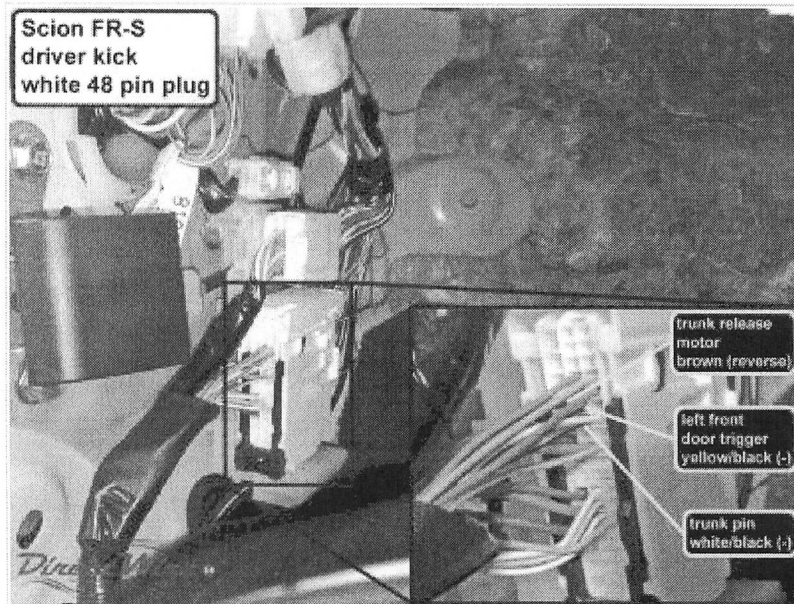
Wiring Photo and Notes: Trunk/Hatch Release

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Trunk Release Motor



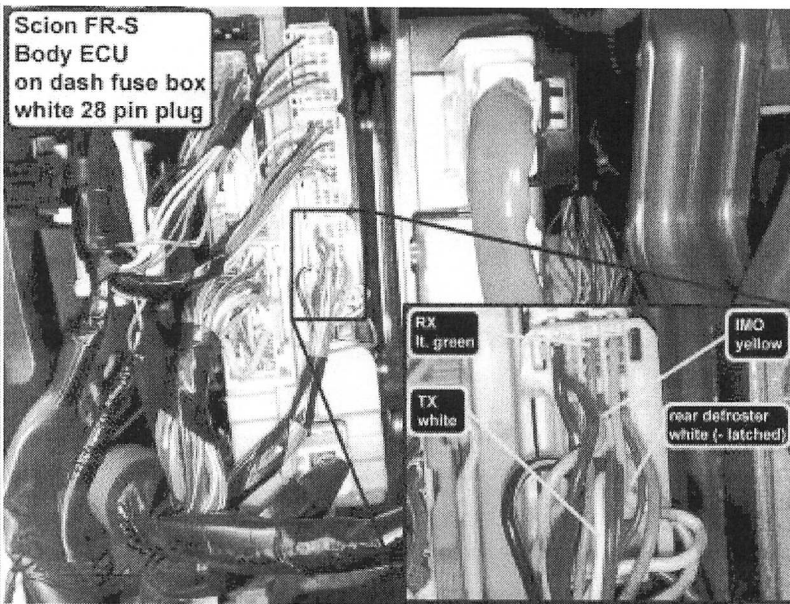
Notes:

There are currently no notes for this item.

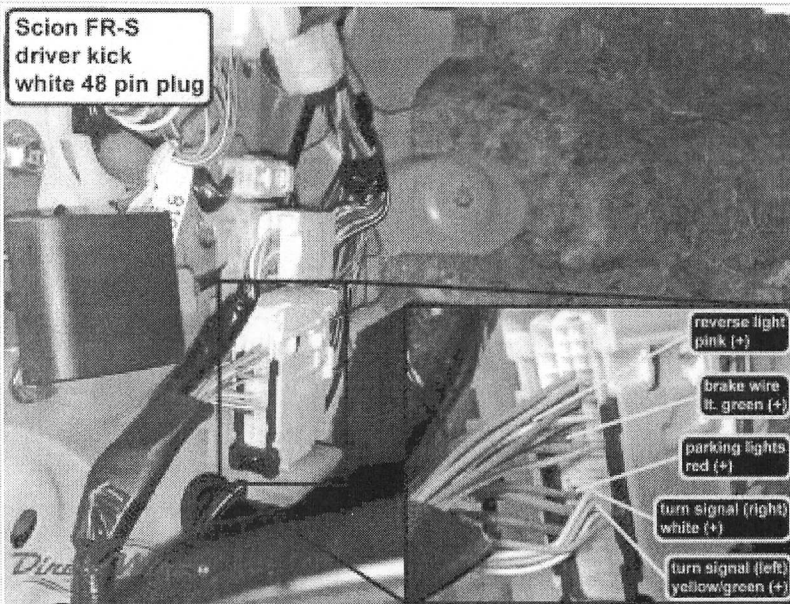
Wiring Photo and Notes: Rear Defroster

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Brake Wire



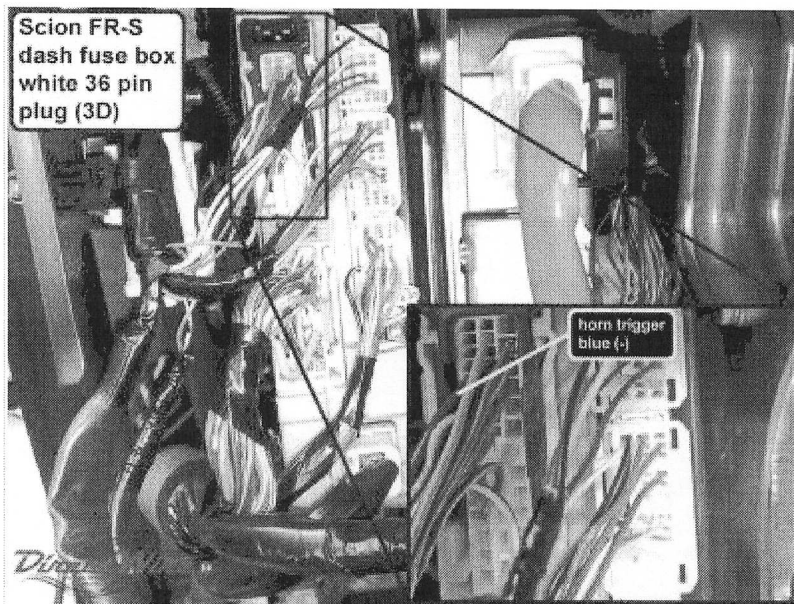
Wiring Photo and Notes: Horn Trigger

Notes:

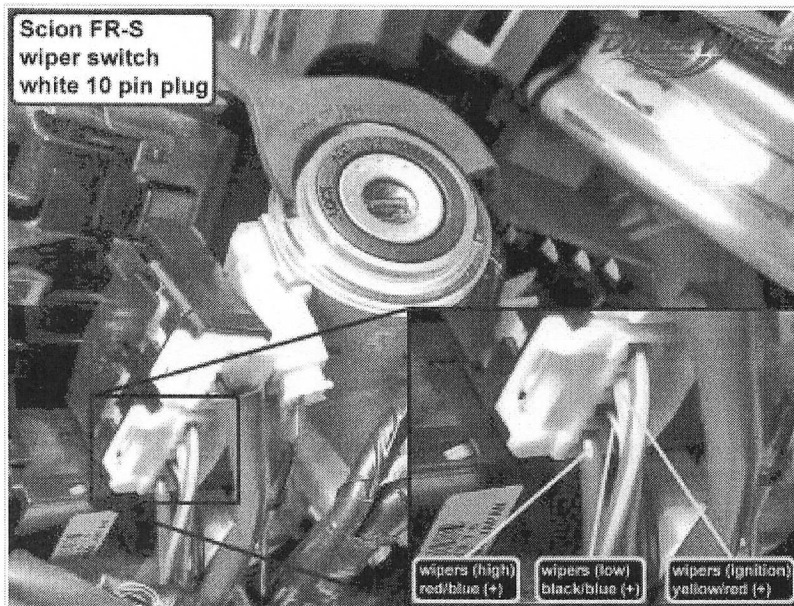
There are currently no notes for this item.

Notes:

There are currently no notes for this item.



Wiring Photo and Notes: Wipers



Notes:

There are currently no notes for this item.



© 2016 Directed. All rights reserved.

DirectWire and its vehicle information are for the sole use of authorized Directed personnel and it's participating dealers and distributors. The information contained on these pages may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited.