

# ***Hard Wire Write-Up for the Mini F56***



*by:  
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Ver. 1.0, July 2014

**Disclaimer:**

Obviously (I hope), you are responsible for doing this install. I accept no liability for damages caused by your actions on your vehicle or the results of.

### *Items Required:*


- 1x ATM Fuse Tap
- 2x 5 amp Fuse
- 1x Hardwire Set for your desired device
- 1x Bundle of Zipties
- 1x 10mm Wrench

## Overview:





1. Remove Door Sill Trim
2. Open Glovebox
3. Remove Lower Kick-panel
4. Remove Door Jam Dash Cover
5. Remove A-pillar Trim

# Fusebox Diagram:




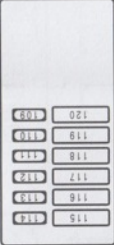

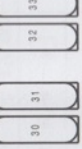
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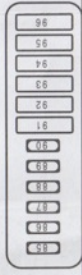
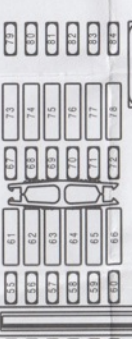



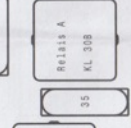
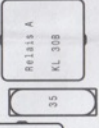


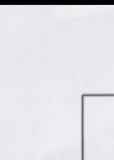
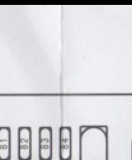
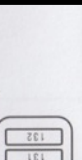
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-01






No.	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Ampere	-	50	40	-	40	50	60	-	5	5	5	5	5	30	-	30	5	-	-	5
No.	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69
Ampere	5	5	5	5	4	-	10	-	5	20	5	20	20	20	7,5	5	7,5	-	-	5
No.	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89
Ampere	5	7,5	5	10	-	10	-	-	5	5	15	5	5	5	5	-	-	-	-	5
No.	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
Ampere	-	15	10	40	5	30	40	-	-	-	-	5	15	20	20	-	-	-	-	5
No.	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129
Ampere	5	-	-	-	-	-	-	-	-	-	20	20	-	-	-	-	-	-	-	30
No.	130	131	132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Ampere	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30

No.	37,40,45,57	42,101	DME/DDE	83
	54,58	35,69		46,66,113
	68,119,120	95,127,128		43
	41,55,61,71,80	73,75,95		36,49,50,81,82,93,112,122,123,124,125,128,130
	52,67,69,85	34		
	60,92	58		42
	47,50,56,60,81,82,84,92,131	OBD		61,68,80,91
	32,103,104	62	MAP	61,68
	70	35		90,93,96,107
	38,42,56	31		79
MEDIA	51,61,68,79,80,87,91,129	39,62,70		36,43,44,94
	52,55	62,70		64,65,100,115,132
	72	A/C		35
	38,42	(P)		37,40

## 2014 Mini Cooper S (F56) Fuse Box Diagram

-glucklichz1

## Door Sill Removal:

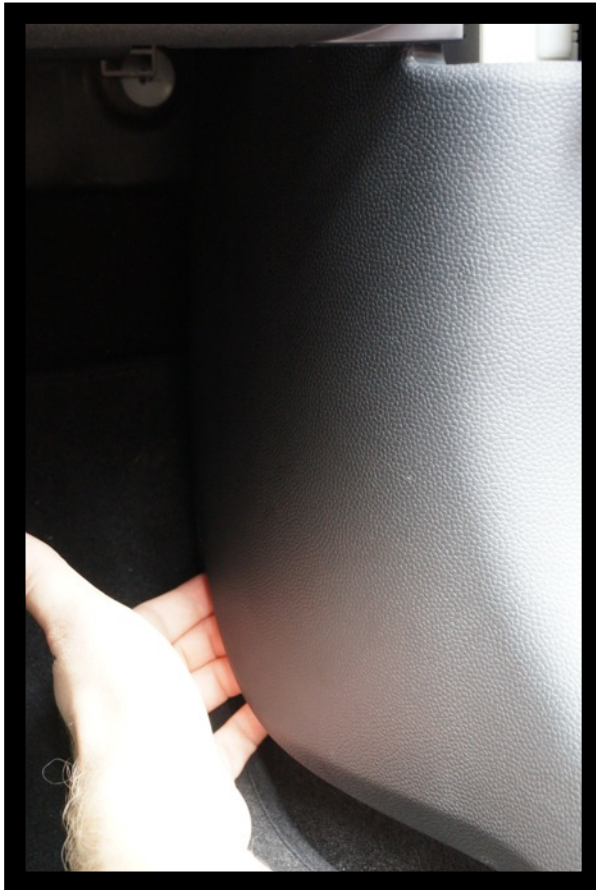


Insert your finger at the edge and gently pull back towards the rear of the car. Complete removal isn't necessary, but helps.



Clips may stay snapped in on the car, no biggie! Just pull upwards with your fingers or a set of pliers. Note the tab that inserts into the kick panel.

## Lower Kick Panel Removal:



To remove the lower kick panel, pull from the front of the panel closest to the firewall. After a few pops it may still be in place.

If the panel is a little stubborn this clip is the culprit. Try pulling from the top of the panel instead.



## Lower Kick Panel Removal:



Insert your finger at the edge and gently pull back towards the rear of the car. Complete removal isn't necessary, but helps.

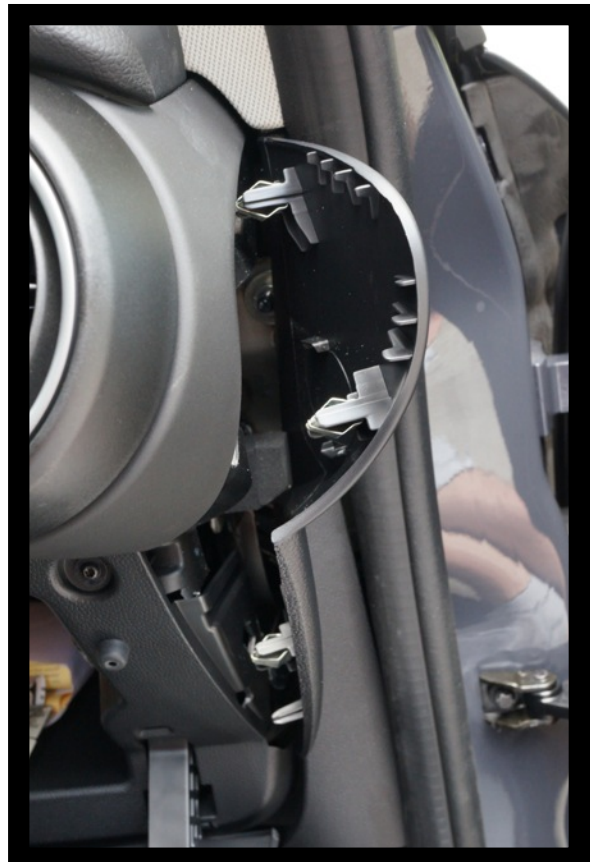


## Door Jam Dash Cover Removal:



Insert your finger at the edge and gently push towards the outside of the car.

The panel should pull out for the most part.



## A-Pillar Removal:



There's an airbag under this panel and caution should be used so that it is not disturbed.

1. Pull the a-pillar trim panel from where the arrows are pointing.
2. After a pop, pull the rest of the panel loose by sliding the trim panel up.

## A-Pillar Removal:



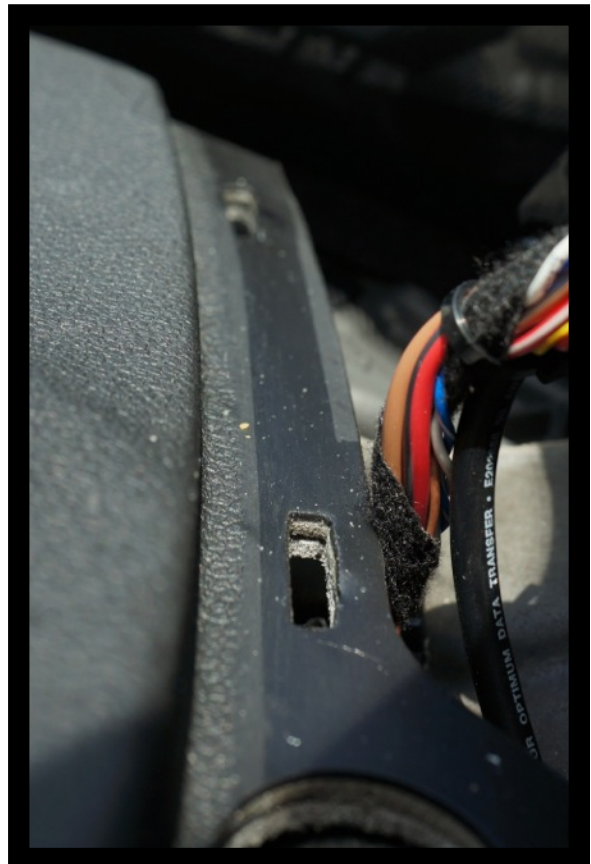
The arrows are pointing towards where the clips go.

## A-Pillar Removal:



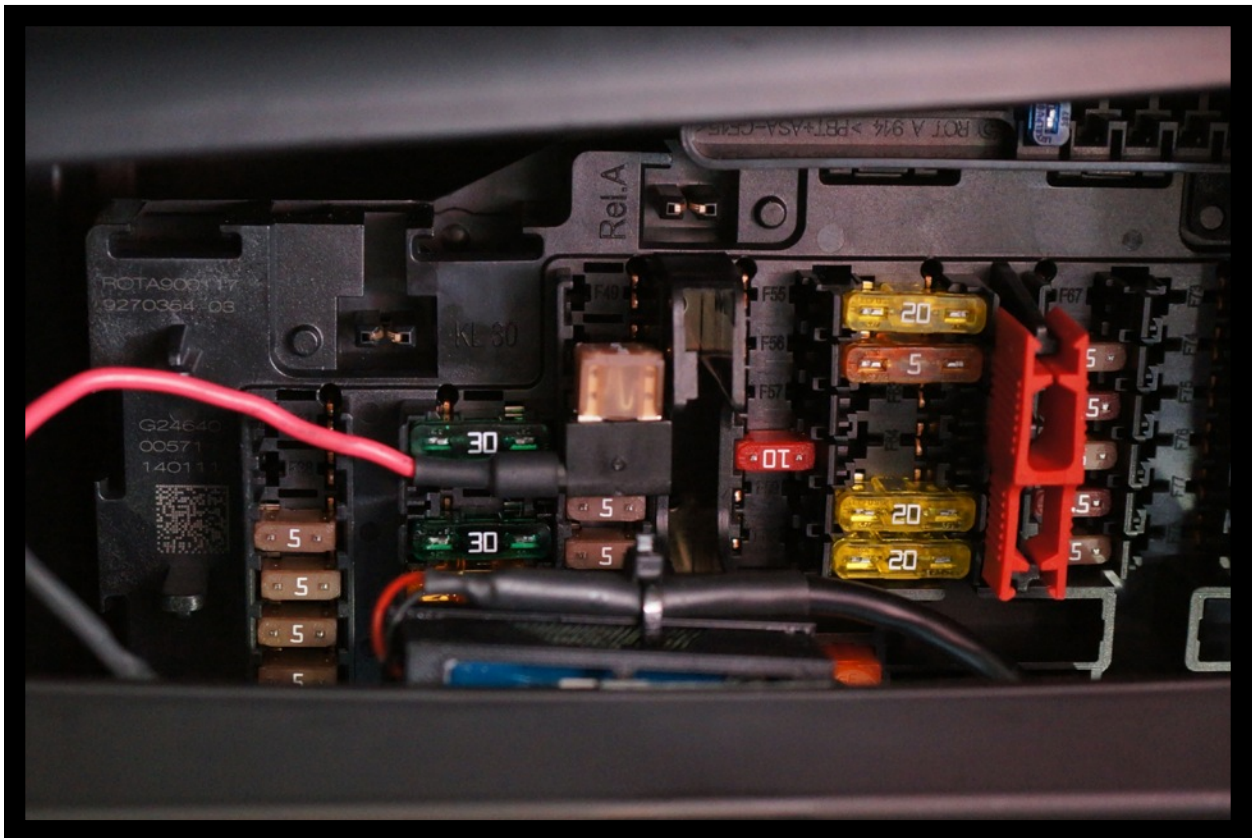
This should give you an idea of where the clips are and how they sit inside the trim piece.

The bottom of the panel sits inside of these slots. They may prove to provide some resistance when pulling the panel out.



## Wiring:

So a couple of things before we get to this part. First off, you need a positive power source and a ground, that part is obvious. What isn't obvious is factoring the start stop function with the wiring. You need a power source that's switched and stays on while the car is off at stop lights. The power outlet in front of the shifter is always on and has momentary pauses when the car starts back up, so this route isn't an option. Tapping into the fuse box for a switched accessory is the next best option. In this case, that is fuse #52. This fuse runs the auto dimming mirror and garage door opener as well as the back up sensors. Refer to the scanned fuse box diagram in the beginning of this PDF for the location.



The fusebox with the tap installed.

## Wiring:

A proper ground is important. Tracing back the brown wires you can find a chassis ground back where the door sill trim piece was removed before behind the carpet. You'll need a 10mm wrench to remove it and install the ground for the accessory you are looking to hardwire.



Chassis ground behind the carpet.

## Wiring:



Secure the connections and power up the device to test everything is how it should be.

Secure your wiring so that it will not interfere with the side airbag or any dash components.



## Reinstall:

Reinstall is the opposite of removal. I've included some pics to help with panel clip locations. These should come in handy when popping things back in place.



Clips on the back of the door jam dash cover.

Clips on the back of the kick panel.





## Reinstall:



Slot on the door sill trim, a tab from the kick panel slips into this hole



A tab that the kick panel slides onto.