

SDS Mod for the RNS-E with MFSW and BLUETOOTH

I successfully did the mod today ☺

Other good source of info including software is available from MARC at <http://www.vagoc.co.uk/vb/showthread.php?t=151>

I decided to write it up of the 'wiring' of the microphone from the Bluetooth 'through' the RNS-E with 'pictures' as there can be some confusion in the understanding of the practical side of this mod. Ok here's how:

Buy 2x wires part no 000 979 009 'E'

Remove CD Changer, Remove Glove box, Pull forward/remove RNS-E

Remove passenger side kick panel to expose microphone wires

Cut above wires in half and extend using speaker wire to allow enough (approx 2x 5ft lengths of speaker wire needed) to reach from the back of the RNS-E to the Passenger side kick panel.

Parts needed: 2x wires part no 000 979 009 'E' and 2x 5 ft length speaker wire

Tools needed: Radio removal tool, 8mm socket on ratchet, wire cutters/strippers, soldering iron, heat shrink insulation,

Procedure:

Remove Glove box and CD Changer: Use 8mm socket to remove 6 8mm bolts, Note 1 hidden bolt behind CD Changer



Hidden Bolt

Remove side cover

Separate Yellow connector

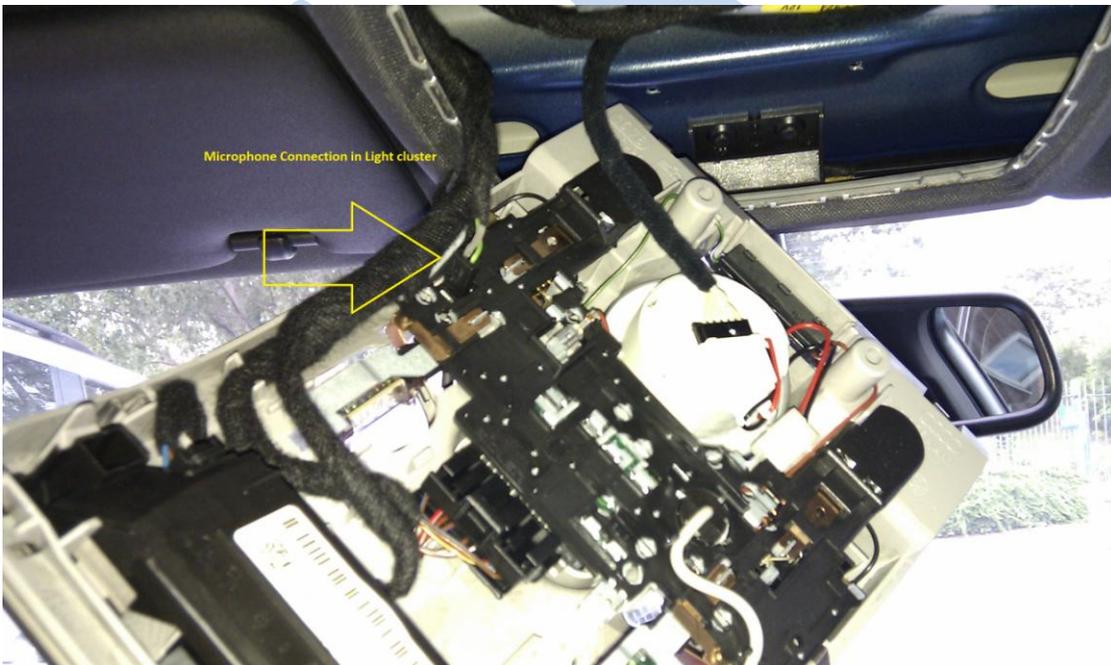


Glove Box Removed

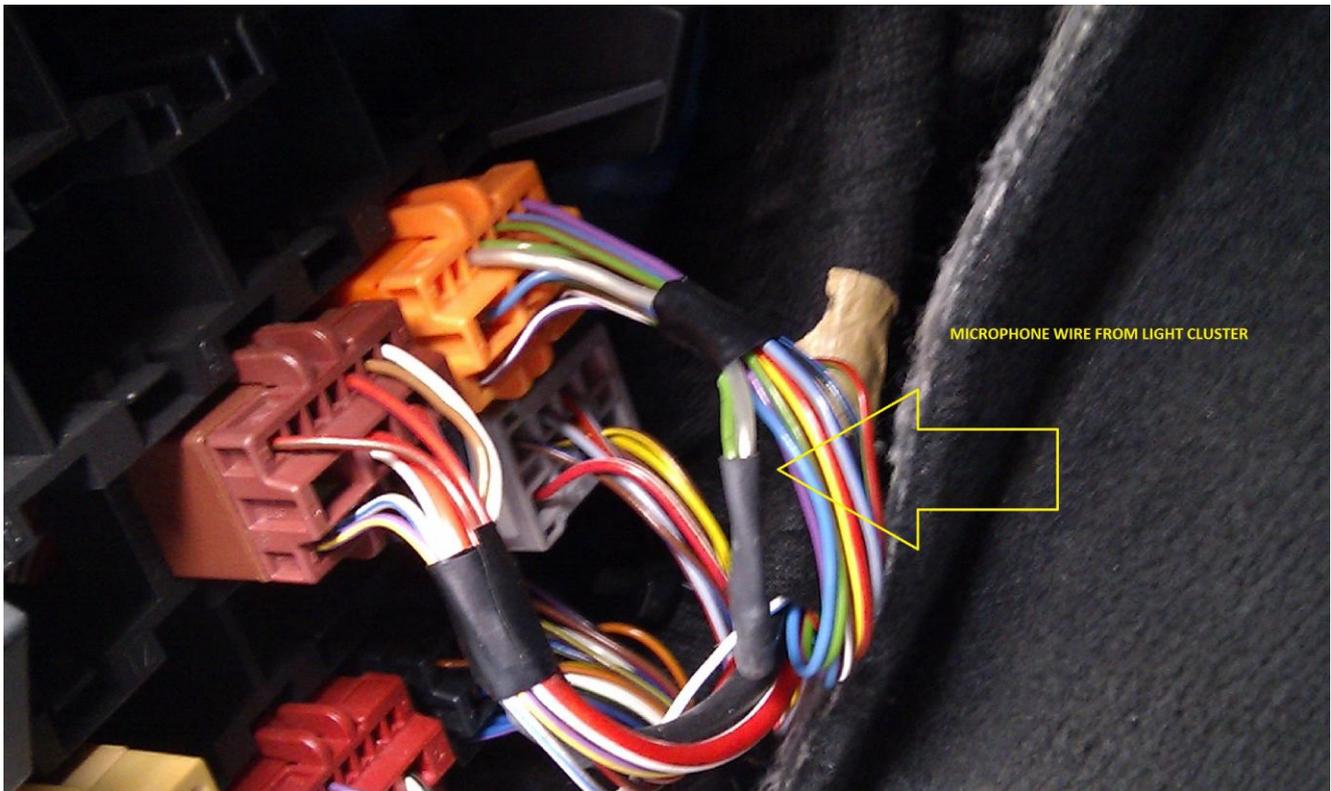


Wires you bought cut in half

Wires extended with Speaker cable



YOU DO NOT NEED TO DO THIS! I DID IT TO SHOW YOU WHERE THE CABLE IS IN THE LIGHT CLUSTER, GREEN AND CLEAR WIRES IN THE PLUG



Passengers kick panel, Microphone wire from light cluster, cut wire connect extension wires to mic in and mic out on RNS-E, simply put, your looping it through the RNS-E.

OKZ AN1 0001
Made in Japan

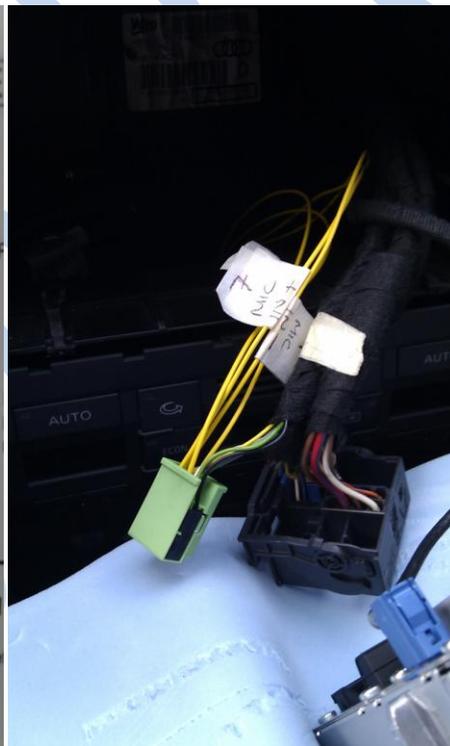
Put in Trash-hazardous Waste.

CONNECTOR		C:EXT CONTROL CONNECTOR	D:F
1	MIC In(-)	9	
2	RFSL	10	
3	Line Out FL	11	
4	MIC Out(-)	12	
5	Line Out RL	13	
6	TEL NF In(-)	14	
7	Mic In(+)	15	
8	Line Out GND	16	
9	Line Out FR		
10	Mic Out(+)		
11	Line Out RR		
12	TEL NF In(+)		

21	20	19	18	17
5	4	3	2	1

32 Pin AM

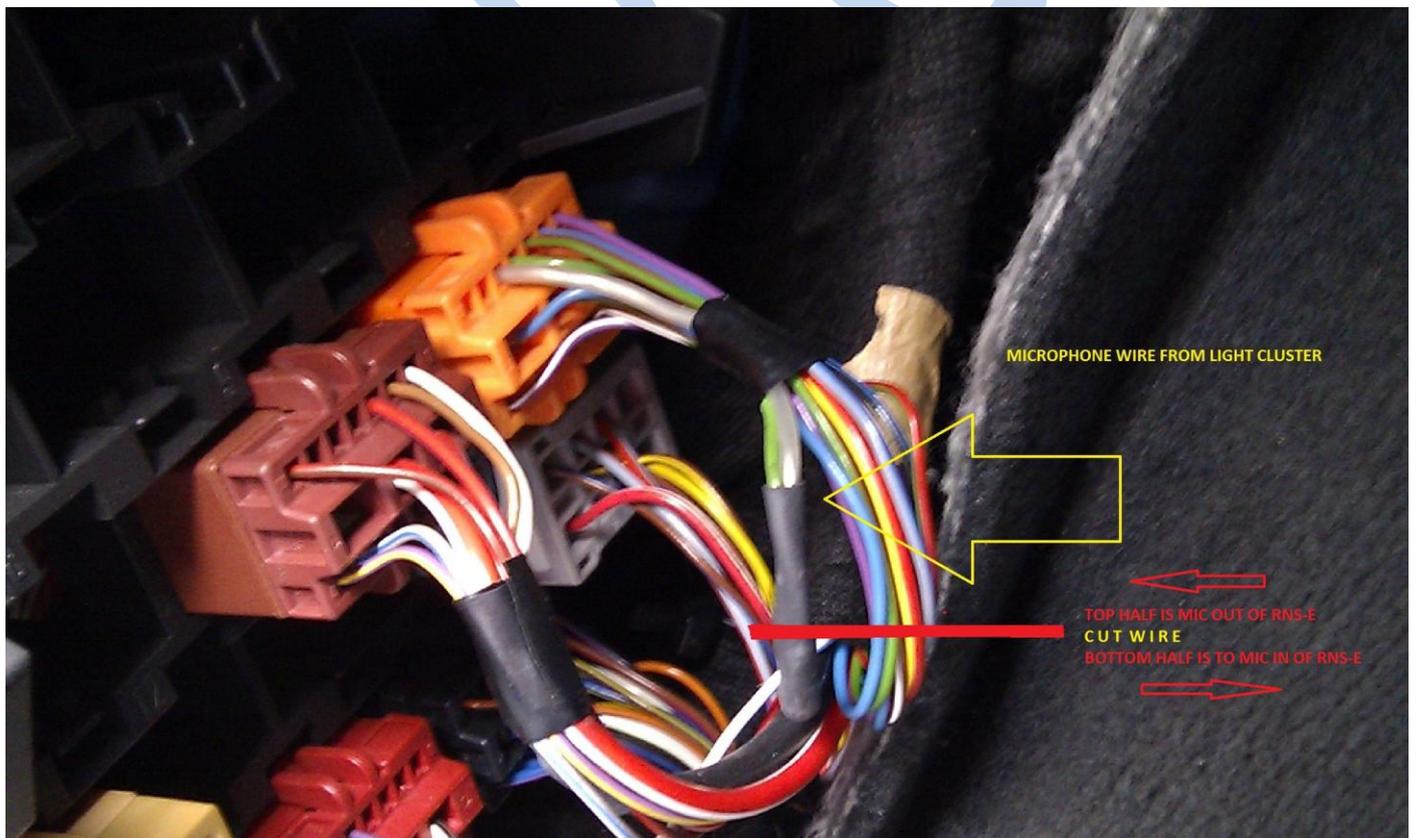
15	In-sync	22	AUX-NF-In-Le
16	In-G	23	N. C.
17	N. C.	24	N. C.
18	N. C.	25	N. C.



Connecting wires to the back of RNS-E



Wires routed (White speaker cable), soldered and connected to microphone wires in Orange connector.



To clarify this, Cut the microphone wire, once this is cut then the top half will then connect to the RNS-E where is says Mic out pins 4 (-) and 10 (+) (the Green is Plus at the kick panel) and the bottom half will connect to the RNS-E where is says Mic in pins 1 (-) and 7 (+).



SO, now go talk to your Car 😊

THANKS
SARGE

SARGE