

Installation manual

AUX input for SAAB 9-5 original stereo

AUX input for SAAB 9-5 original stereo instead of TAPE player. During the installation Tape unit will be removed from STEREO unit and will be no longer available. Instead AUX input is used and Tape functionality will be simulated to head unit to avoid audio cut off and tape error.

The product includes tape simulator hardware and software, 3.5 mm audio input connector, necessary cables and fastenings.

NB! Wherever possible we recommend to order installation from manufacturer, please contact with info@ittgroup.ee or by phone +3726566614 for more information. Following this manual is in your own risk and ITT Group is not taking any responsibilities of damage your unit or even car data communication system.



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ITT Group

Akadeemia tee 21, Tallinn, Estonia

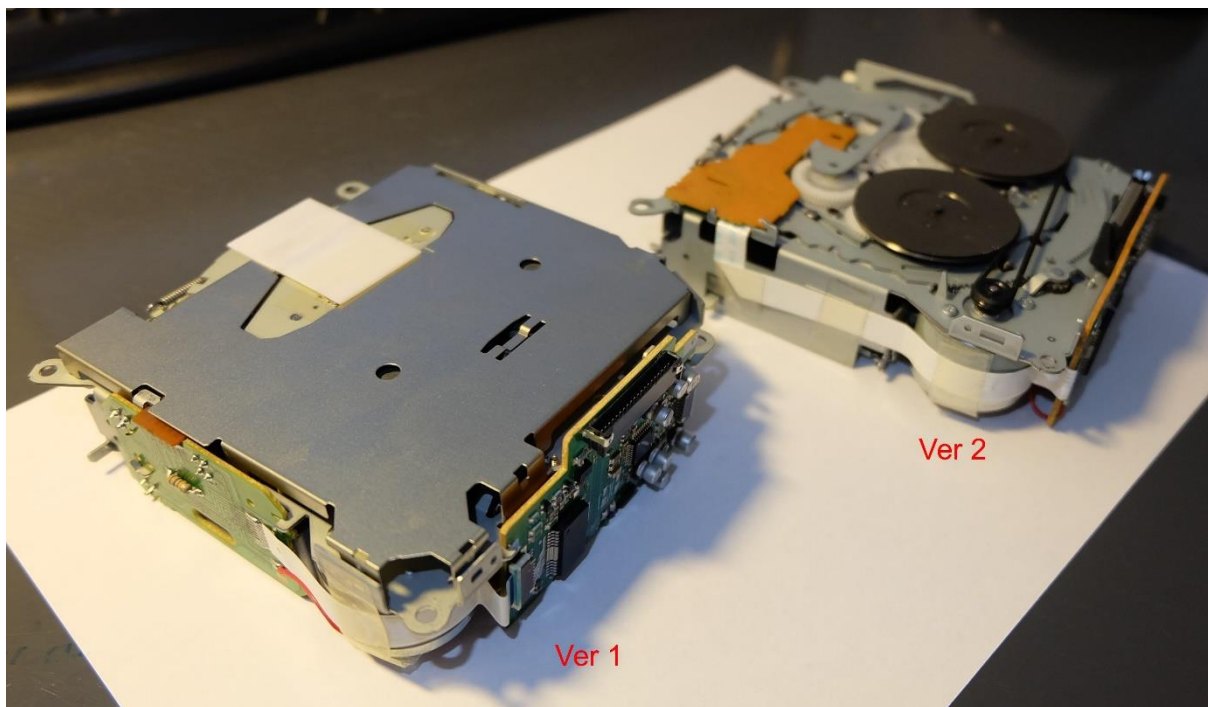
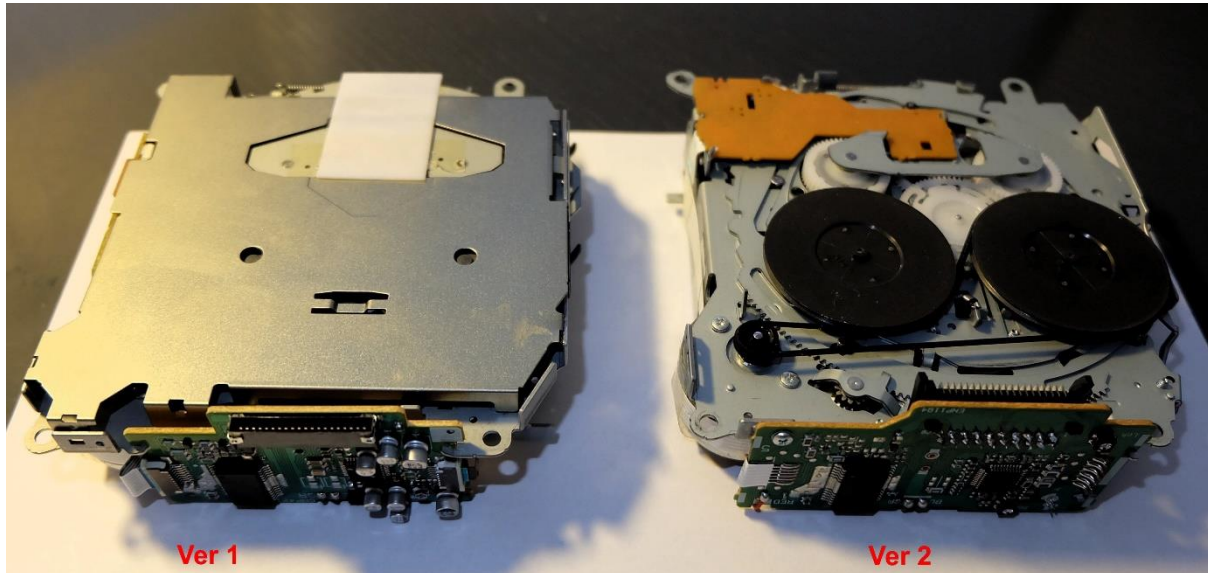
+3725163560, info@ittgroup.ee

Video guide is available in youtube channel: www.youtube.com/ittgrouptallinn

STEP 1. Identify TAPE version and unsolder main connector plug

Before the installation (and order) one must identify the TAPE version fitted into STEREO unit. Older versions (Ver 1) have different signal logic and tape connector compared with newer version (Ver 2). According to the version different TAPE simulator software is needed for controller. This information have to be sent to manufacturer before product can be sent out to customer.

Images below help to identify the TAPE version inside the STEREO unit.



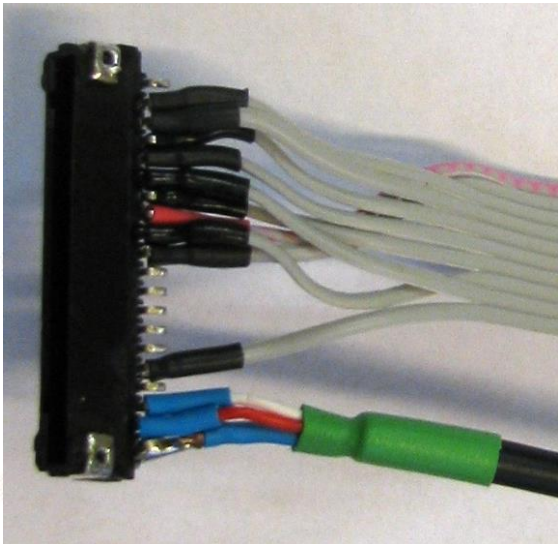
After removing TAPE player unsolder the main connector on the deck board. TAPE player itself is not needed anymore.

STEP 2. Solder TAPE Simulator cable

Solder the ribbon cable to the connector using the following table (Heat-shrinkable tubs are included):

Ver 1 (older version)

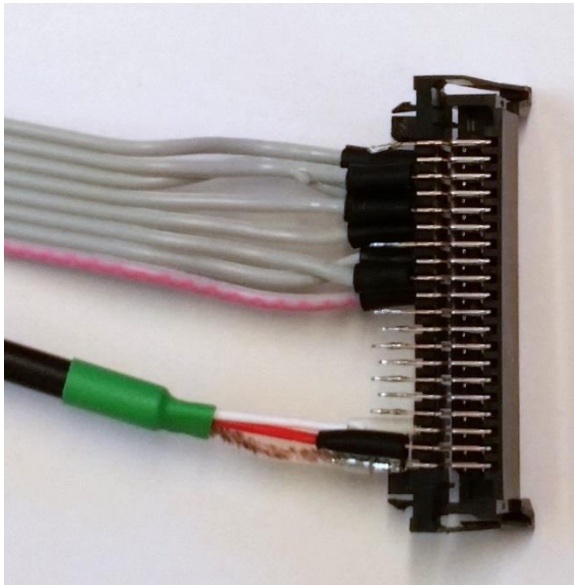
Connector	Ribbon cable	Notes
1		
2	3	
3	4	
4	5	
5	6	
6	9	
7	7	
8	1	
9	8	
10	2	Extra pull-up
11		
12		
13		
14		
15		
16	10	Resistor
17		
18	CH1	
19	CH2	
20	Audio GND	



The red wire is the number one. It should be soldered to the connector pin 8 (Ver 1) and pin 10

Ver 2 (newer version)

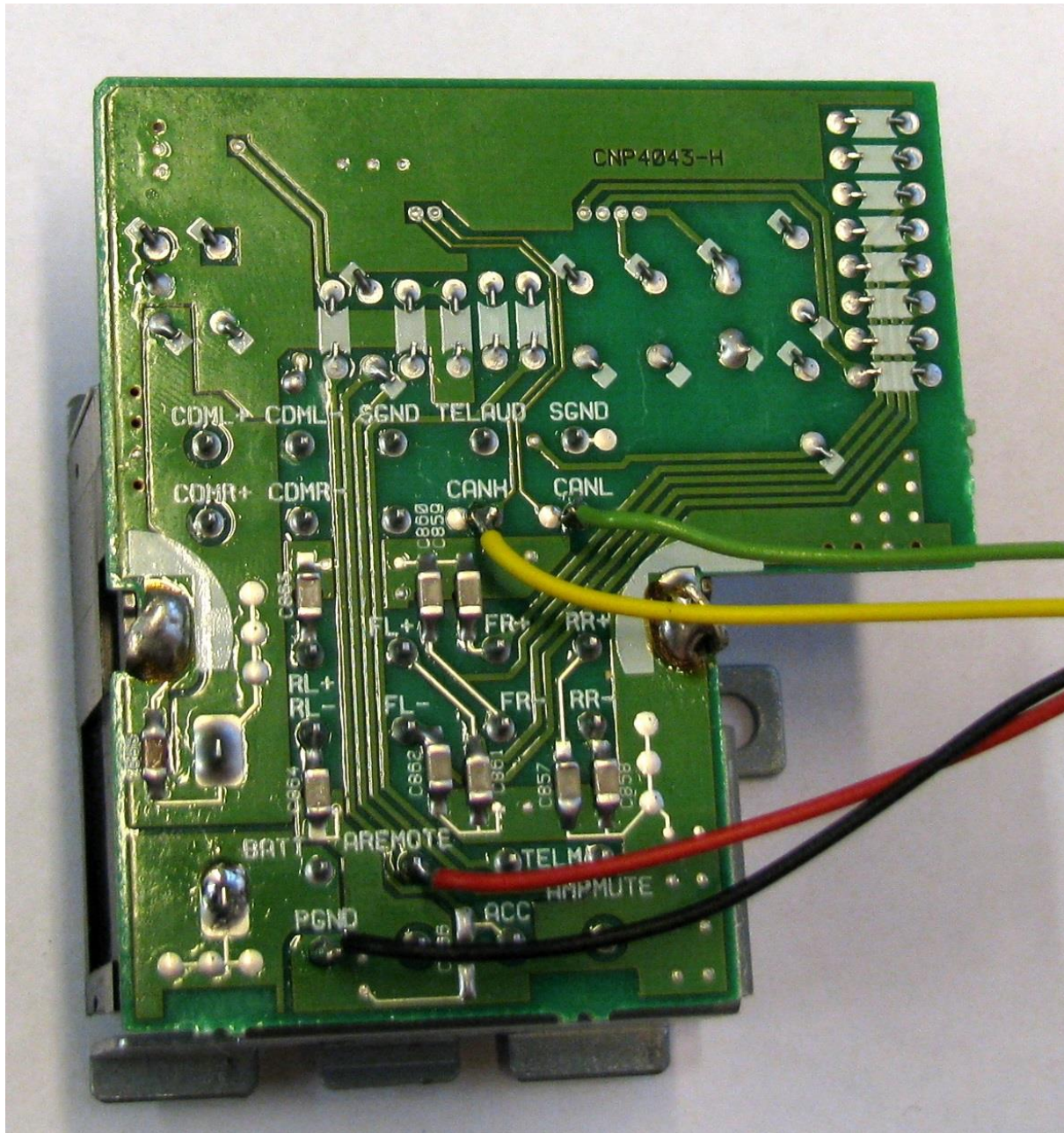
1	
2	8
3	7
4	6
5	5
6	4
7	
8	2
9	3
10	1
11	
12	
13	
14	
15	
16	
17	
18	CH1
19	CH2
20	Audio GND



STEP 3 Solder power cables

Power is taken from remote antenna output. Power cables are soldered to the main STEREO connector board on the back side of unit.

NB! CAN cables are not needed for this case as seen in picture!



STEP 4 Connect simulator plug and install the controller board

Insert the connector to its socket. Audio cable is located in control panel (head unit buttons) side

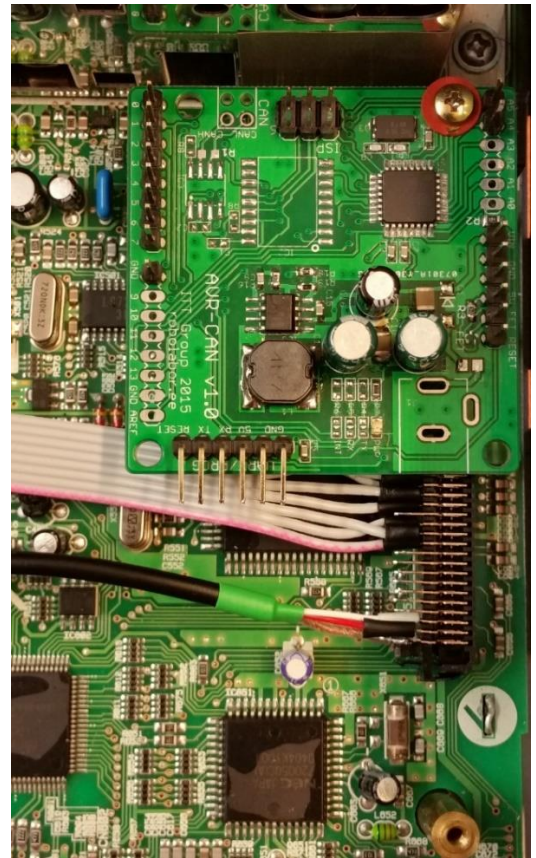
Ver 1



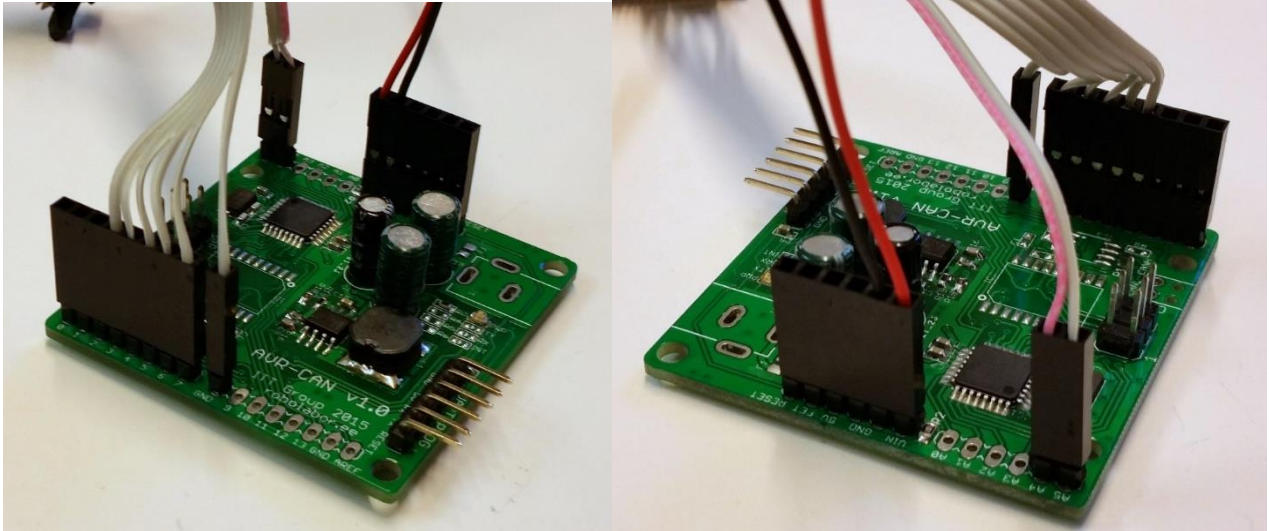
Ver 2



2. Screw the controller board in place, using included washer



STEP 5 Connect all wires to controller board



STEP 6 Drill hole for Audio input and assemble STEREO UNIT

Use drill 8 mm hole into back side of unit (see picture for approximate location)



Clue the TAPE cover to avoid accidentally inserting tape cassette into empty slot.

Make frontend socket for AUX IN (e.g. empty button slot)

Example:



Assembly remaining parts and test the system.