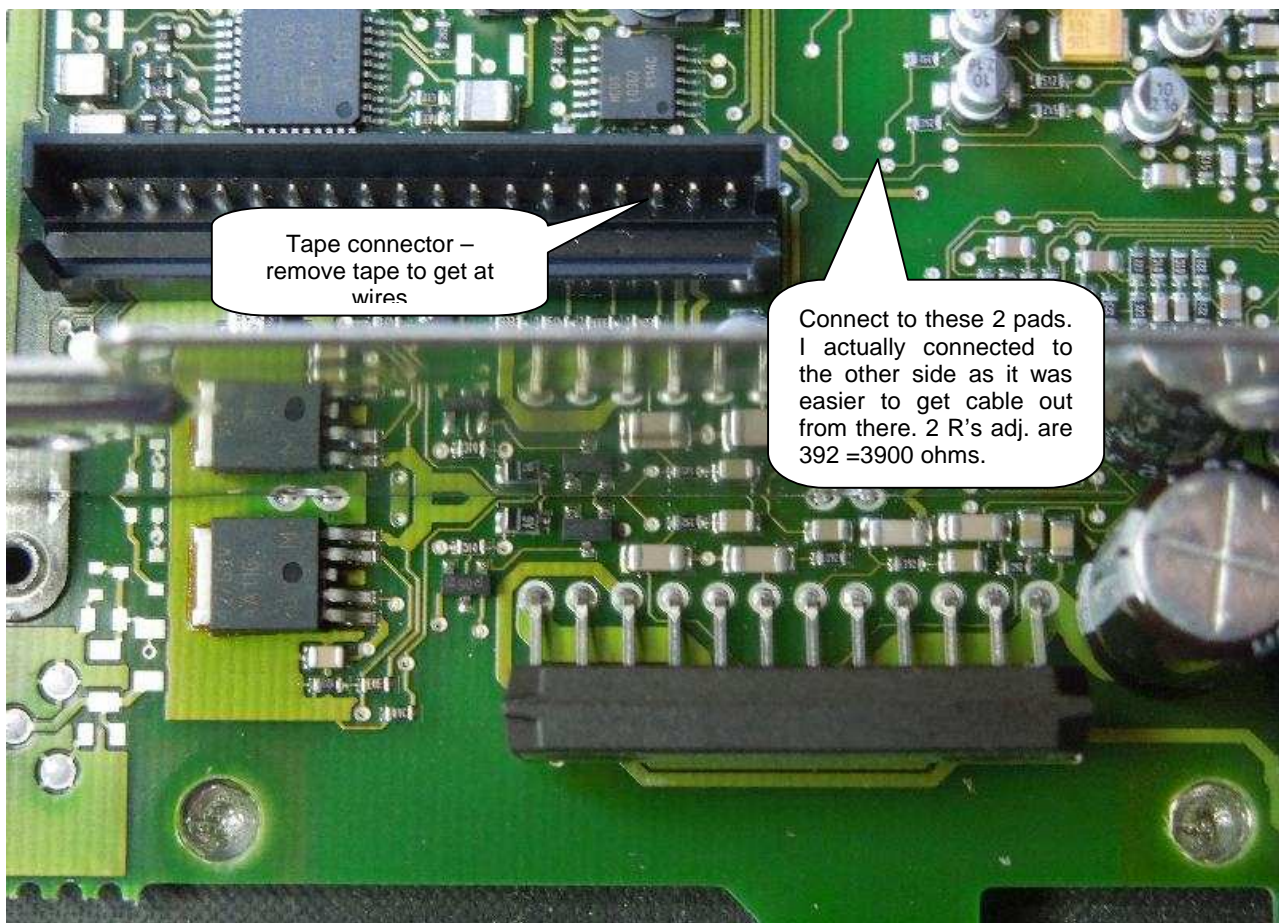
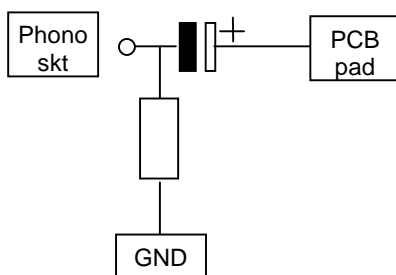


Becker 6019 Aux Input Retrofit



I used following circuit for each signal:

22uf capacitor, 10k resistor to gnd. Values not critical, R just drops that side to DC 0v.



I just used a knibbler to notch the lower cover for the wire exit, and protected the cable from the sharpish edge with a sleeve. Components I chose to put outside the radio in case I decided my guessed values were not ideal once radio was reassembled.

Didn't do a detailed record of the radio disassembly part, but was fairly easy. I had the Ampheatsink off, but this is not required. Was part of my trying to figure where the audio appears on the board, and I can say not many places! Spent a long time hoping to find it on a handy set of pins somewhere.

By the way, this radio will not stay on more than a few seconds without comms over the car canbus id'ing the car. Shuts down again, and not able to be debugged! Had to do my tests in the car with a scope on the passenger seat and all bits everywhere – bit of a mission. But now this is documented will be a lot easier for others !

(Warning – check if you need a code for your radio – mine did not but the Audio 30 needed it every time you repowered it – maybe it has lost a battery that should hold it, but before pulling power off see if you have a 5 digit code. Cost me \$25 at the dealer to get one for the Audio 30 I bought to try some Canbus things on.)

I did have a couple of kohms in series, but this dropped audio way too much. With no series R audio is just a little below radio level, but heaps of adjust on the volume up to get lots of watts!



I didn't take photos from bottom of PCB it seems – sorry- but pads are fairly easy to trace in relation to the holes on the board.

Mounted the mini phono socket in the back of the DIN slot recess / storage thingy below the radio, Iphone sits in there nicely, will get me a shorter cord than the one I had lying around, it's a bit long.

AUDIO 30

I had been asking and even bought an Audio 30 thinking being more recent it would have an aux in, but think it is no better! Have it around if anyone wants it, or wants me to look in it to see if it is similar. It has a cassette also, but the one that sits behind a pop-forward display.

Warning – Audio 30 came from an E class possibly a little earlier than my car, and the Canbus used to manage radio on-off and up/down volume are not compatible !! Flattened my battery twice before I figured what was going on, was leaving a whole heap of stuff on the car drawing current it seems.

Enjoy the great sound from your new audio source !!

Greg Ewing, 8/2/14 Nelson, New Zealand.