

To install electronic brake controller

Here are the answers which I found...and I'm now happily towing my new trailer... 😊

1. There is NO brake controller on a factory installed tow package. A brake controller IS needed if your trailer has electric or hydraulic over [electric brakes](#).
2. It IS wired for an after market brake controller. There is a [wiring harness](#) going from the trailer plug in the rear to a female plug behind the dash in the driver's cockpit (which is where you will set up your brake controller).
3. I bought a [Tekonsha Primus IQ](#) Brake Controller cuz my trailer has electric brakes. Cost \$115 US.
4. I did not buy the Tekonsha Prodigy 2 or P3 cuz those brake controllers are for hydraulic over [electric brakes](#) as well as electric brakes (a few \$ more but you can find deals on [ebay](#), etc, which makes the difference negligible).
5. I bought the following Audi parts...You do not have to buy these parts if you'd rather hard wire your brake controller.

1J0 972 782 - Buy 1 of these (Adapter) Cost \$6 US

000 979 228 - Buy 1 pack of 5 wires Cost \$57 US

Reference following thread...

<http://forums.audiwo...d.php?t=2802089>

6. Attached is the wiring photo for the female plug behind the dash...
7. There are 4 fasteners to get to the [wiring harness](#) behind the dash. 2 at the driver's knees. 1 within the [fuse panel](#). And the last is above the steering wheel. To get to the 4th one...You have to pull off the small panel right above the steering wheel. Be sure to lower the steering wheel all the way and pull it toward you.

Here is a video I made...

<http://youtu.be/y2bLsCdXY7E>

Refer to this thread for more details on the wiring...

<http://www.ozaudi.co...9202#post279202>

I discovered a small wire which I couldn't disconnect from the light switch preventing me from removing the panel...so I brought the Q5 to the dealer and had them remove the dash and to cut and expose the [wiring harness](#). Cost me \$125 US...price didn't bother me cuz if I broke something else it would have cost me much more.

8. I assembled the adapter with the wires which I purchased from Audi...and for the [Tekonsha Primus IQ](#) (check your wiring instructions)  
Refer to the attached photo...

The Audi female plug has the following wires:

Brown  
Red/White  
Black/Red  
Blue

Tekonsha brake controller has the following wires:

Black

White  
Red  
Blue

Audi -> Tekonsha

Red/White -> Black  
Brown -> White  
Black/Red -> Red  
Blue -> Blue

I used Anderson power poles as connectors but you can use anything (i.e. soldering or butt connectors recommended by Tekonsha)

In the photo, the yellow wires are the purchased Audi parts with the correct crimped ends for the adapter.

I cut off one side of these wires to connect them to the Tekonsha wires.

9. I bought a Tekonsha emulator to simulate a trailer being hooked up. It was either broken or didn't work with the Audi so I am returning it.

10. Found a total of 4 fasteners for the [dash panel](#). 2 above the driver's knees. 1 within the [fuse box](#) and one above the steering wheel. (See pictures below)

You have to pull off the small panel right above the steering wheel to get to it the 4th one. Be sure to lower the steering wheel all the way and pull it toward you.

I found the factory connector with its four conductors wrapped with a couple of turns of black-cloth [wiring harness](#) tape and attached to the top of the fuse block wiring (where the small red arrow points in the center of the photo). In the photo, the factory connector has been pulled free and out in front of the sheet metal; you can see welds just left of the arrow. But, it was originally behind the sheet metal, wrapped to the harness behind.

So, if this is a "standard" arrangement, opening the [fuse panel](#) cover might help someone to assess the location of the factory connector and scope the job. As the foam covered the connector, and the wire was wrapped to the other wires with the black wiring tape, I don't think I could have found it with a mirror from underneath as some people have noted. In fact, I actually tried, and failed. 😊

The connector with the yellow wires at the lower left is the one I bought from Bob's parts list. I only bought two of the yellow wires as each wire comes with two connectors which are the same on both ends. I just cut the wires in half and then connected them to the brake controller wiring as per Bob's color code. (OK, I will admit that I verified this with a multi-meter and other sources too; but hey, it was correct as shown above!)

There has been some mention (in another forum post?) that two wires might need to be connected in the wiring area located in the right-rear of the [luggage](#) compartment. I was initially unclear how to open that panel, so delicately pried at it with a 3-inch wide putty knife at the top. It turns out there is a generous handhold if you just reach up under the top pull. In any event, the two wires back there were already connected in mine. They are easy to spot because one is a heavy gauge blue one.

Video of this: <http://youtu.be/y2bLsCdXY7E>

11. No programming/coding was needed for my factory installed tow package.

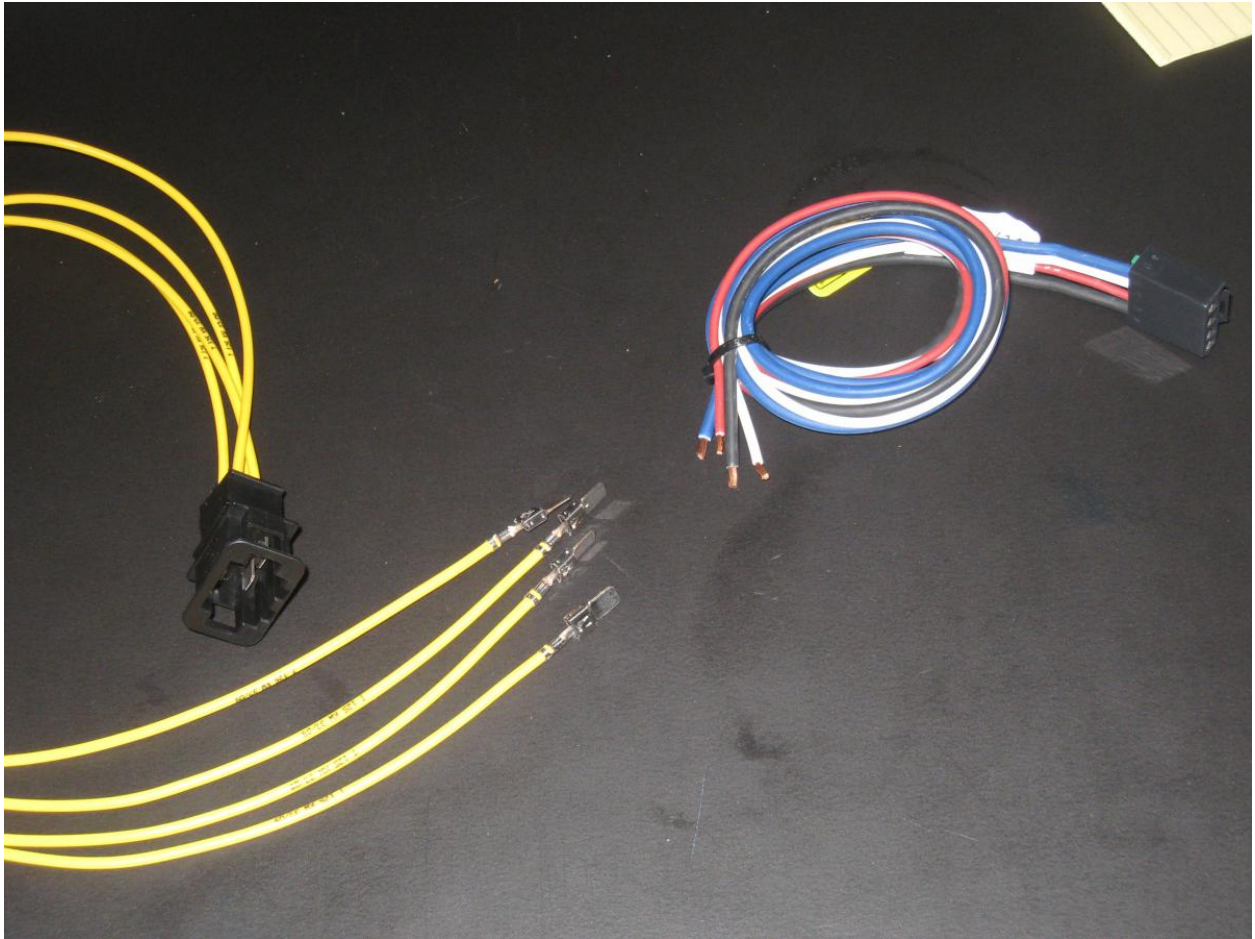
12. And yes, hooking up the trailer, the computer screen shows a silhouette of the trailer when backing up.

Here is my previous thread of questions...

<http://www.myaudiq5....kage-questions/>

I bought a 7X12 Stealth Enclosed Trailer. The trailer dealer set me up with a ball and ball mount. It tows well...and I'm very happy with this set up.

Parts Needed



Location of plug, wrapped in tape.





Location after tape removed



Under dash drivers side  
4 pin Terminal housing  
Part number 1J0 972 772  
Matching counter terminal housing  
Part number 1J0 972 782, with single  
wire 000 979 228 (2.5 ømm)  
Pin one - Brown - earth  
Pin 2 - Red/White - T30 supply (12v)  
Pin 3 - Black/red - From the 2 pin  
connector in the rear (Trailer brake  
light feed)  
Pin 4 - Blue - To the two pin connector  
in the rear, use for the current supply  
to the trailer brakes

October 5th, 2009 02:37 PM

brakeController.jpg

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