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Subject: Driver Removal

Posted by [NWCgrad](#) on Tue, 25 Oct 2011 04:18:13 GMT

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What is the best way to safely pull the woofer from the 4 Pi enclosure? The driver is flush mounted with the baffle with no room to grab the frame.

I received a soldering iron and solder from a co-worker and will repair the connector that was broken on a crossover during transnational shipping of the speaker.

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Subject: Re: Driver Removal

Posted by [Wayne Parham](#) on Tue, 25 Oct 2011 14:44:53 GMT

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I use an Allen wrench to lift the woofer (or horn) from the mounting holes. Remove all the screws, and put a decent size Allen wrench in the hole. Tilt until it catches and lift out, basically using the wrench as a prybar.

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Subject: Re: Driver Removal

Posted by [tom-m](#) on Tue, 25 Oct 2011 16:32:56 GMT

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It will depend on how tight the woofer is in the recessed cutout. I had a woofer that was very snug. I could not get it out. I made a handle that stretched across the face of the woofer to pull it out. For a 15 inch woofer, you would need a piece of wood that is about 17 or 18 inches long. I used a wood screw at each end of the wood, to screw through the woofer frame. Then the wood bar acts like a handle to pull the woofer out. Not sure if my description is clear.

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Subject: Re: Driver Removal

Posted by [Bill Epstein](#) on Wed, 26 Oct 2011 02:17:55 GMT

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Had that same issue 10 years ago. Waynes method works, Toms may be necessary.

When the Allan wrench doesn't work, I reach for a screwdriver and a piece of 2x4. Ever since my first stuck woofer, I make certain the terminal plate is directly behind the woofer. In extremis, I can, and have, pushed on the back of the woofer to make it pop out.

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Subject: Re: Driver Removal

Posted by [NWCgrad](#) on Wed, 26 Oct 2011 06:19:32 GMT

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Wayne, Tom and Bill,

Thanks for the advice, I am optimistic that the allen wrench will do the job as the woofer is not touching the edges of the cut out (~1/16th inch gap). If not, I am pretty sure I can pull the terminal plate and push it out as suggested by Bill.

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Subject: Re: Driver Removal

Posted by [NWCgrad](#) on Tue, 08 Nov 2011 06:19:25 GMT

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Wayne Parham wrote on Tue, 25 October 2011 09:44

I use an Allen wrench to lift the woofer (or horn) from the mounting holes. Remove all the screws, and put a decent size Allen wrench in the hole. Tilt until it catches and lift out, basically using the wrench as a prybar.

Worked well once the driver frame broke free from the butyl rubber gasket I made. Repair on the broken terminal on the crossover complete!

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