
Subject: Hand drill has a stuck chuck
Posted by [lon](#) on Sun, 15 Oct 2006 17:05:34 GMT
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Years ago I got a used Craftsman reversible power drill. The chuck 'teeth' are worn down from using it as a hole saw and I normally remove the chuck to put a drill guide on it. These days I can't get the chuck out to repair or replace the head. The usual tapping of the chuck key on the opposite side with a mallet doesn't work anymore. It's stuck. My directions for the drill guide say that the owner's manual for a reversible drill has the answer to this, but I have none. Any clues on this besides the chuck key tapping trick? Perhaps I had the forward/reverse switch set incorrectly. In any case I can't fix it without maybe going to Sears.

Subject: Re: Hand drill has a stuck chuck
Posted by [gfrederys](#) on Mon, 16 Oct 2006 18:40:26 GMT
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Open the chuck as wide as it'll go and look down inside. Some of the older drills had a set screw you had to remove first before the tapping trick will work. If no set screw, clamp it tightly in a vise, really whack chuck key with dead blow hammer, look up "Power Tools, New" in a search engine.

Subject: Re: Hand drill has a stuck chuck
Posted by [lon](#) on Tue, 17 Oct 2006 15:58:14 GMT
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One thing I don't have being an apartment dweller is a good size vice. I'll see if I can find the screw. So if I'm tapping left and holding the drill in my left hand with the chuck facing out, does the reversible setting make any difference?

Subject: Re: Hand drill has a stuck chuck
Posted by [gfrederys](#) on Tue, 17 Oct 2006 16:24:18 GMT
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If you're behind the drill, like you're drilling something, the drill motor screws into the chuck, (turns to the right). So you want to put the chuck key on the right side of the chuck, (you're still behind it) and rap it fast and hard, in a downward motion, with a dead shot hammer. If it comes off, put a spot of anti-seize grease on the threads before assembling in case you want to take it apart again. I have several drill guides and 2 different size chucks and take the chuck off of my Makita all the

time. P/S, I too live in a condo and have built Lowther Fidelio's this past summer. Boy the neighbor's complain, don't they?

Subject: Re: Hand drill has a stuck chuck
Posted by [lon](#) on Tue, 17 Oct 2006 18:53:55 GMT
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I never hear from the neighbors which is all to the good. But they must wonder what's going on in my extra room. The place is old, the extra room carpet was shot when I got here and there's not even a pad underneath. But it's up on the second floor and my collection of tools is very small. I keep the vacuum handy. What I'd like to see happen here is a revival of the Do It Yourself Shop. That's a place where people can come to use tools they have no room for or can't afford to buy outright. We had such a place when I was a kid-- around 1960. I'm actively engaged in this and think it's a good project for many towns with abandoned buildings of appropriate size. The goal is to have the municipality purchase a space and make it a green development project retrofitted and used as a demonstration of alternate energy systems-- plus whatever revenue comes in from renting time on the machines. In this case the abandoned space is a failed supermarket close to city center.

Subject: Re: Hand drill has a stuck chuck
Posted by [gfrederys](#) on Wed, 18 Oct 2006 12:50:30 GMT
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Sounds like we live in the same place. I do have a 40' terrace which helps a lot. In my "spare room" I've got a small drill press and router table I drag outside. A good friend lives a couple miles away and has a table saw in his garage and gives me free range there. I too think the "Rent-A-Toolshop" is a good idea. There were several gas stations in Detroit years ago that charged fees for a hoist and heavier tools. Those are all gone now. The only issue I can see is unskilled people and insurance. I don't have any idea how you'd get around someone making a bad move and losing a digit. A clever lawyer would find a way to come back after the workshop. Too bad. Maybe do a Workshop Coop. You know, get a group of guys with the same mindset, skillset, and respect for each other's property.

Subject: Re: Hand drill has a stuck chuck
Posted by [lon](#) on Wed, 18 Oct 2006 17:27:20 GMT
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Well, it's like the old joke says: I've been doing this for years and I still have all eight fingers. All

properties have to have insurance: hospitals, senior centers and businesses where machinery is used. It can't be insurmountable. I think the interest just went away or the place wasn't big enough or something. I have no recollection if the Do It Yourself Shop was a chain or a stand alone business. I was a kid. We went there for the soda machine and the name do it yourself shop sounded like all one word to me. I see the idea not much different from a Senior Center: a place to go and do stuff. The senior center here was made from an old supermarket and it's one of the best projects in town: reuse of a private property purchased by the city, architecturally interesting (not a dump) and performs a function.

Subject: Re: Hand drill has a stuck chuck
Posted by [lon](#) on Sun, 22 Oct 2006 19:01:47 GMT
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I'm back here to give the answer to the stuck chuck on a craftsman drill problem. I went to the store. They guy had the chuck removed in a bout 2 minutes. The trick was not in using the chuck key. What he did was use the short end of a large diameter allen wrench in the mouth of the chuck and tighten it down. Then a tap with a hammer got it loose. No vise needed, no sweat. Maybe this is in the instruction manual with new drills. I didn't have the book. :-/

Subject: eh?
Posted by [PakProtector](#) on Sat, 27 Oct 2007 23:09:04 GMT
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I seem to remember hauling them in Lurch. Finished and improved CAF maybe...:) cheers, Dogulas
