

Re: Diagnosing reversing trigger switch on drill

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From: NSM (*nowrite_at_to.me*)

Date: 01/07/05

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"jbclem" <jbclem1@charter.net> wrote in message
news:wIIDd.330\$Y4.14@fe04.lga...
| I have a Porter Cable hammer drill (#7750) and the reverse isn't working.
I have opened
| up the handle and accessed the trigger switch, but there are a few too
many wires going
| into it for me to figure out where to test. I see the main current
wires(one white and
| one black) coming into it, and the two wires(one black and one red) going
to the two
| brushes. But I don't understand how the reversing action occurs. Is it a
simple
| reversing of the polarity going to the brushes? If so, how to test? Do I
have to test
| it live, or energize the wires with a small battery? I'd like to ask for
some ideas on
| this.

An AC/DC motor can be reversed by reversing the current flow to the armature
OR the field but not both (since it IS an AC motor).

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