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Almost all material houses carry a copy of the 10th edition of the Horolovar 400-day Clock Repair Guide. The book was originally written by Charles Terwilliger who is deceased and is currently edited by H. W. Ellison who is the current owner of Horolovar. Horolovar Co. was initially formed by Mr. Terwilliger and intended to devote its resources to the education, repair, and service of the 400-day or anniversary clock. The book is now in its tenth edition and was last printed in June 1991.

The way this book works is it lists almost every production 400-day back plate. Yes, a sketch of the movement's actual back plate. Once the back plate is found then the exact strength suspension spring is identified. The book goes on to refer you to another section that has a drawing of the suspension spring. The drawing is an exact to-scale representation of the suspension spring that you MUST use for that particular clock.

Additional information in the back plate section is the approximate year of production, the actual manufacturer, the size of the mainspring, the type of pendulum, and other information not the least of which is referrals to the proper appendixes in the back of the book. These appendixes have a wealth of information that the typical owner of the clock couldn't even begin to tell you. They also contain a schematic on every major production 400-day clock.

There are also chapters devoted to the 400-day's history, events, patents, B&W pictures of pre-WWI clocks, how to adjust the escapement, questions and answers concerning repair, myths and facts, names and trademarks, pictures of pendulums, and Horolovar products.

Overall it's probably the best repair book about any type of clock to ever go into print.

If you want to contact Horolovar directly the address is as follows:

The Horolovar Company
P. O. Box 942
Lancaster, OH 43130
740-277-7083
E-mail address: horolovar@gmail.com
Web site address: <http://www.thehorolovarcompany.com/>
Strictly a source for 400-day clock supplies and parts.

The NAWCC has an International chapter devoted to torsion clocks which includes the 400-day and the Atmos.

For more information see the following:

National Association of Watch and Clock Collectors, Inc. (NAWCC)
514 Poplar Street

Columbia, PA 17512-2130 USA
Phone 717-684-8261 or Fax 717-684-0878
E-mail address: patti@nawcc.org
Web site address: <http://www.nawcc.org/home.htm>

And:

International 400-day Clock Chapter # 168
28 Red Sable Place
The Woodlands, TX 77380 USA
Phone: 281-362-0165 or Fax: 281-362-0514
E-mail address" pastimes@juno.com
Web site address: <http://www.atmos-man.com/400daych.html>

Finally, if you do not want to trust your 400-day clock to just anyone then d/l my file 400pub.mcc for a description of my repairs, prices, and turn around time or see my 400-day Web page at "<http://www.atmos-man.com/400pub.html>"

A service from, E-mail address: Mike@atmos-man.com
Mike Murray Founder of Clocksmiths

A specialist in Atmos and 400-day clock repair.
Also, I overhaul most plug in electric clocks.
In continuous horological service since 04/01/1982.

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My main Web site is located at "<http://www.atmos-man.com/>"

Home of AWI's unofficial Web site located at:
"<http://www.atmos-man.com/awi.shtml>"

Main FTP site is located at:
"<http://home.earthlink.net/~atmosman/earthftp.html>"

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