

# **Australian Appliance Repairs**

**By Lindsay Alford**

Edition 4.0 eBook version(10/4/18)

**(Previous Australian Washing Machine repairs)**

## **Fair Warning**

Every endeavor is made to ensure all information is accurate. The author assumes no responsibility for errors and omissions. Neither is any liability assumed for damages resulting from information contained in this book. Use of the information is at your own risk and no liability is accepted.

I cannot guarantee your skill and knowledge in using the information

Repairing electrical appliances can be dangerous and the risk of electric shock is always present. It can be fatal! Read the section on "A1 Electric Shock". Improper repairs can make the appliance dangerous and can cause a fatal electric shock to the operator.

***Always turn off the power and pull out the plug before removing any covers or touching any components***

If you do not have the skills and knowledge to repair the appliance, do not do it, get an experienced qualified person.

### **About the Author**

Lindsay Alford has been repairing white goods since 1997. Before that I was a Maths, Science (Physics) and Computer Studies teacher. This book is a record of my experiences.

### **Tell Me What You Think**

As a reader you are the most important critic of my book. I value your opinion and want to know what I have done right and what can be improved. Also any experiences that you have had will be welcome.

### **Introduction**

Repairing white goods is dangerous and should only be done when you have the necessary skill and knowledge. Chapter A includes OHS information and for safety should not be skipped. Chapter C, D, E and F contain general information. Chapters G onward contain model specific information. Information is not repeated and a lot of cross references are given. Also experience working on one manufacturer can be carried over to other manufacturer. Repairing Hoover and Simpson machines have a common skill base. The same applies to Simpson and Maytag. The top suspension Hoover and Simpson repairs will help with the Asian washing machine repairs. The front loader washing machines have a lot in common. Therefore a lot of cross references are given.

It is recommended that the book be put into a spring back folder to allow updates (free email / download from my web site) and to allow you to put your own data in. divider can be put in to separate chapters.

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### **Printing (eBook version)**

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Visit my web page and follow the links to information for updates and extra information and pages to be downloaded. Refrigeration section has its own updates.

# Chapters

A	Occupation Health & Safety
B	Workshop Tools
C	Basic AC Electricity
D	General Principles of Fault Finding
E	Components
F	Electric Motors
G	Simpson Top Suspension Washing Machines
GD	Simpson Top Suspension machine Data
H	Hoover Capacitor Run (960+ & 510+)
HX	Hoover Capacitor Run Machine Data
J	Hoover 600 – 900 series
JD	Hoover 600-900 Series Data
K	Simpson 144 – 165 & Delta 10
KD	Simpson 144-165 & Delta Data
L	Japanese & Asian Washing Machines
LD	Japanese & Asian Washing Machines Data
M	Fisher & Paykel
N	Whirlpool (USA Top Loaders)
O	Kleenmaid & SpeedQueen
OD	Kleenmaid & SpeedQueen Data
P	Maytag
R	Front Loader Washing Machines
RA	Refrigeration: General Information
RB	Domestic Refrigerators
RC	12/24VDC Compressor Fridges
RD	Absorption Fridges (Caravan / 3 way Fridges)
S	Dryers
T	Dishwasher
V	Vacuum Cleaners
U	Twin Tubs
Z	Related Matters: Records, customer advice, laundry design ^

## Appendix

A1	In-line ammeter ^
A2	Hoover Timer Wires Colours (available on request)
A3	Some Techniques
A4	Colour Abbreviations (Use in this book)
A5	Binary Numbers (For Fisher & Paykel Error codes)^
A6	Gray Water Use and Your Washing Machine ^
A7	Pumping Gray Water with a Dishwasher #
A8	Ball Bearing ^
A20	Reuse of Washing Machine Motors
A21	Overseas Notes

^ Can be downloaded from my web site .

# Available as an extra