5/6 Wire Harness

Allows communication from the lower control board to the upper control board

- Test Harness by unplugging from P1 and checking continuity through each wire to chassis ground.
- Test communication with the harness plugged into P1 at the lower board.
- Turn on refrigerator.
- Check DC voltage at the 5/6 wire harness plugged into the P1 terminal on the lower board.
- Check from red to + orange (power up to the eyebrow).
 - Note: If no voltage, check 3 amp fuse and also power at terminal block.
- Check from red to + green (gas down) and
 red to + black (electric down).



Lower Control Boards



- 2 & 3 way compatible
- Uses a separate relay for DC heater
- 3 try ignition system

Integrated Ignition





Universal Lower Control Board

P2 - Thermistor Harness (2 Pin)

P1 – 5/6 Wire Harness (comm)

3AMP 12V Fuse

J1 - 12VDC + from battery

J2 & J3 - Interior Light & Frame Heater

THL-SS
91 940-0
03 99

ASSEMBLED IN
CANADA
CANADA
CANADA
F2 AMP

F2 AMP

GROUND

A.C.
LINE
J3 J2 J3 J10

GROUND

J4 J2 J3 J10

GROUND

J8 J7 J8 J10

J

P3 - Gas Valve Relay (Ground)

5 AMP 120V Fuse

J9 & J10 Grounds

J4 – Negative Thermocouple Lead J5 – AC Line (incoming)

J6 & J7 – AC Neutral in & to Heater J8 – AC Output to Heater



Integrated Ignition Lower Control Board

P1 – 5/6 Wire Harness (comm)

P2 - Thermistor Harness (2 Pin)

3AMP 12V Fuse

SENSOR

SENSOR

CHOC

CH

P3 - Gas Valve Relay (Ground)

Integrated Built in re-igniter

5 AMP 120V Fuse

J10 Ground

J2 - Interior Light & Frame Heater J4 - 12VDC + from battery

J5 – AC Line (incoming)

J6 & J7 – AC Neutral in & to Heater J8 – AC Output to Heater



This manual has been provided courtesy of My RV Works, Inc.

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You can find more RV service manuals here:

www.myrvworks.com/manuals

Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!

DARREN KOEPP - OWNER, MY RV WORKS, INC.

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