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

Universal

• 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
- P3 - Gas Valve Relay (Ground)
- 5 AMP 120V Fuse
- J9 & J10 - Grounds
- J1 - 12VDC + from battery
- J2 & J3 - Interior Light & Frame Heater
- J4 – Negative Thermocouple Lead
- J5 – AC Line (incoming)
- J6 & J7 – AC Neutral in & to Heater
- J8 – AC Output to Heater

Dometic
Integrated Ignition Lower Control Board

- P1 – 5/6 Wire Harness (comm)
- P2 - Thermistor Harness (2 Pin)
- 3AMP 12V Fuse
- 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
- P3 - Gas Valve Relay (Ground)
- Integrated Built in re-igniter
- 5 AMP 120V Fuse
- J10 Ground
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!

All service manuals provided on www.myrvworks.com are believed to be released for distribution and/or in the public domain.