

High Intensity Parts Instruction Sheet

MARK 10DX-117 (35-72) Replacement

Contents

- MARK 10DX-117 (35-72) circuit board.

Related Parts List

- High Voltage Spark Wire. P/N: HVW-18 (sold separately).
- 3-Prong Electrode. P/N: 32-508 (sold separately).
- Wiring Harness. P/N: DRWH-120 (sold separately).

NOTE: To ensure safe operation, circuit board must be replaced with factory supplied parts.

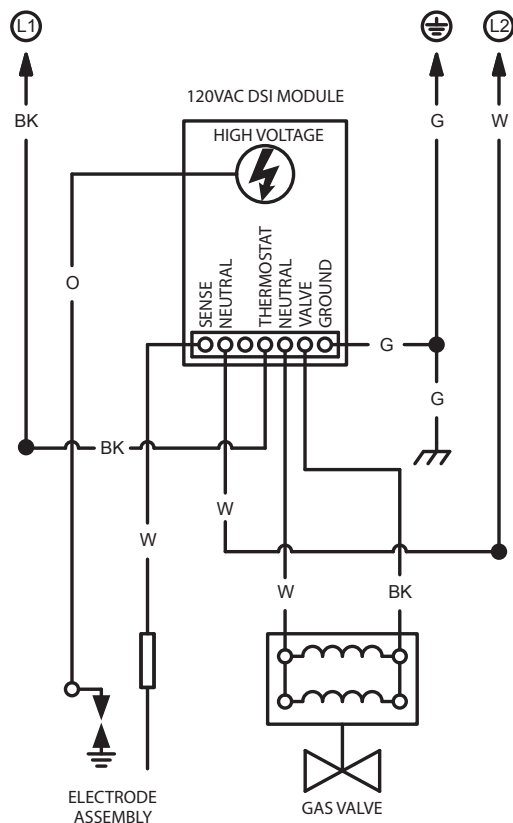
NOTE: If replacing the MARK 10-117 with a MARK 10X-117 circuit board, the DRWH-120 wire harness is required.

Installation Instructions

- 1 Disconnect electrical supply voltage to the heater.
- 2 Remove the junction box cover on heater control box.
- 3 Disconnect wiring from the old circuit board and remove.
- 4 Install new MARK 10DX-117 (35-72) circuit board.
- 5 Plug DRWH-120 wiring harness onto the new circuit board.
- 6 Re-install junction box cover.
- 7 Reconnect electrical power supply. Cycle heater to verify proper operation.

IMPORTANT: Proper grounding and polarity are essential for operation of the flame monitoring device. If the appliance is not properly grounded, it will be unable to determine the presence of flame and will lock out.

Figure 1 • NFS-2 120V Internal Wiring Diagram



Lighting Instructions

- 1 Rotate heater's valve knob to "ON" position.
- 2 Close electrical circuit (usually thermostat).
- 3 If the heater fails to light, turn "OFF" gas, close electrical circuit and wait 5 minutes before repeating the steps above.

Shutdown Instructions

- 1 Open electrical circuit.
- 2 Rotate heater's valve knob to "OFF" position.

NOTE: If replacing any of the original wire supplied with the appliance, it must be with wiring material having a temperature rating of at least 105°C.