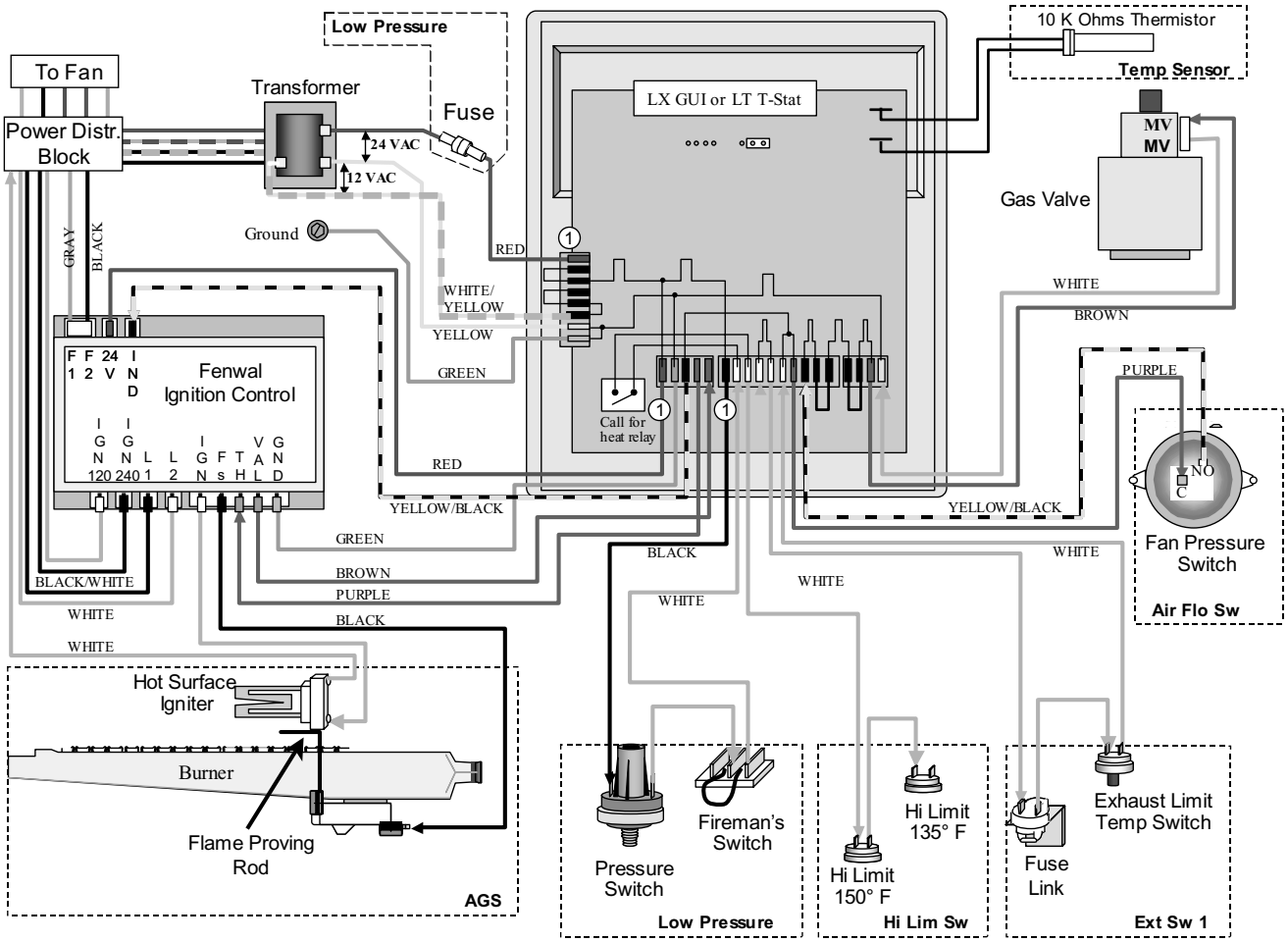
JANDY LX OR LT TROUBLESHOOTING



Error Message - LOW PRESSURE
Measure voltage between Ground and terminal 1 of the Transformer connection to the GUI.
Is 24 VAC present?

No → 1. Check Fuse (4 Amp) If fuse is blown check for shorts in wiring before replacing. 2. If fuse is not blown replace Transformer

Yes ↓

Error Message - LOW PRESSURE
Measure voltage between Ground and terminal 1 of the Safety Switch connection to the GUI.
Is 24 VAC present?

No → 1. Check Black wire connections to GUI in terminal 1 of the Safety Switch connection . 2. If Black wire is OK replace GUI

Yes ↓

Error Message - LOW PRESSURE
Measure voltage between Ground and the Black wire of the Pressure Switch.
Is 24 VAC present?

No → 1. Check Black wire connections to Pressure Switch. 2. Do continuity test on Black wire. 3. Replace Black wire.

Yes ↓

Error Message - LOW PRESSURE
Measure voltage between Ground and the White wire of Pressure Switch.
Is 24 VAC present?

No → 1. Is filter pump on? 2. Is filter clean? 3. Do Back Pressure Test. 4. Replace Pressure Switch

Yes ↓

Error Message - LOW PRESSURE
Measure voltage between Ground and the White wire of Pressure Switch.
Is 24 VAC present?

No → 1. If a fireman's switch or control system is installed replace loop wire to Fireman's Switch block and retest.

Yes ↓

Yes ↓

Error Message - LOW PRESSURE
Measure voltage between Ground and terminal 2 of the Safety Switch connection to the GUI.
Is 24 VAC present?

No → 1. Check White wire connections to GUI in terminal 2 of the Safety Switch connection. 2. Replace GUI

Error Message - HI LIM SW
Measure voltage between Ground and terminal 3 of the Safety Switch connection to the GUI.
Is 24 VAC present?

No → Replace GUI

Yes ↓

Error Message - HI LIM SW
Measure voltage between Ground and terminal 4 of the Safety Switch connection to the GUI.
Is 24 VAC present?

No → Replace High Limit harness and both limits.

Yes ↓

Error Message - HI LIM SW
Replace GUI

Error Message - EXT SW 1
Measure voltage between Ground and terminal 5 of the Safety Switch connection to the GUI.
Is 24 VAC present?

No → Replace GUI

Yes → **See next page** →

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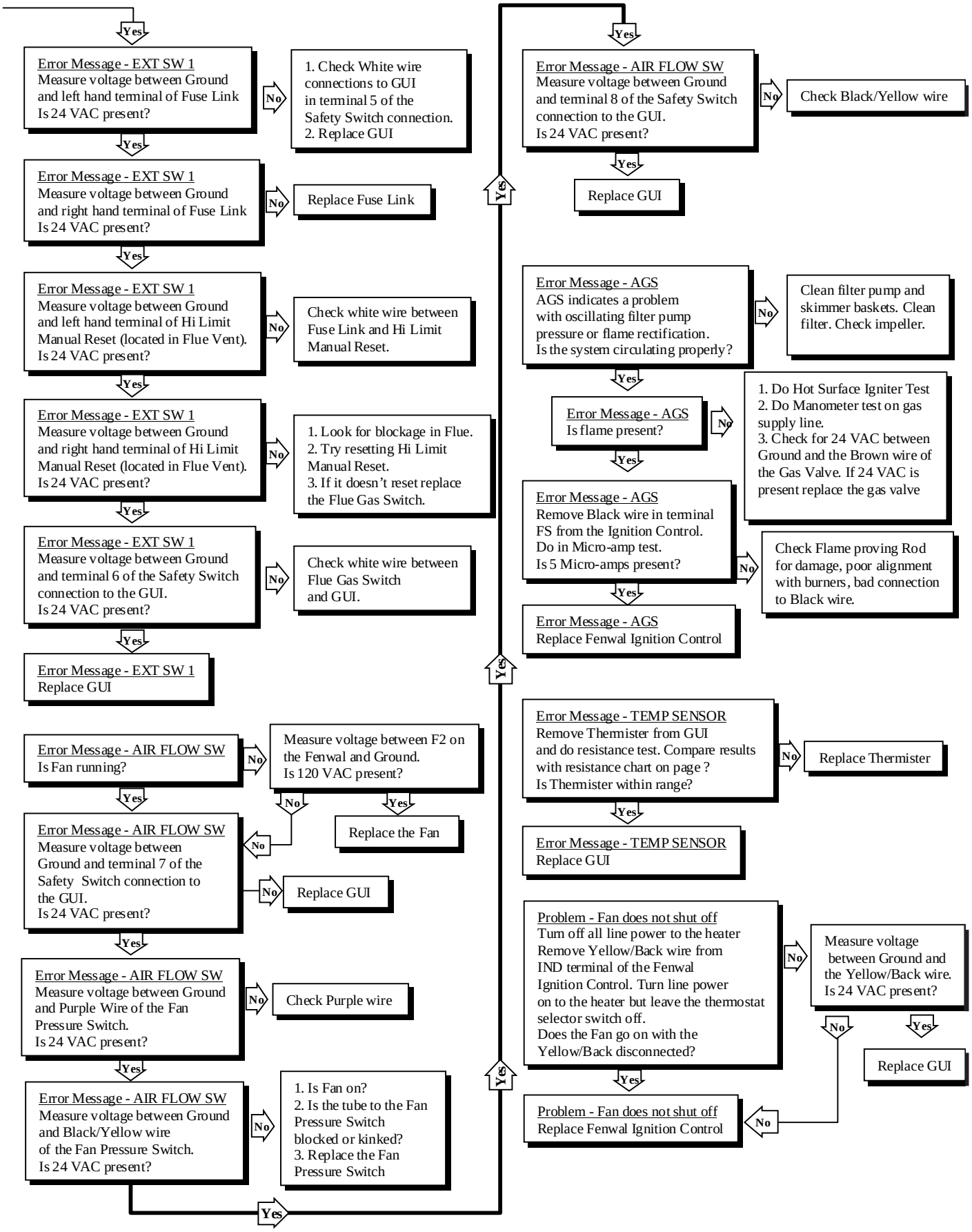

Jandy®

Mat #0747, RevB 09/05