TROUBLE SHOOTING GUIDE

SUBURBAN MODELS NT and SF RV FURNACE HEATING SECTION

			• * * • • • • • • • • • • • • • • • • •		
	Thermostat Closes	-No	Check Thermostat wire connections, contact points and the heat. Anticipator.	-Yes-∙	Clean points, secure loose connections, replace Thermostat if Anticipator is shorted.
	▼		No •	• •	
	•		Check 12vdc at blue wire, check the amp draw to Thermostat.	-Yeş-∙	Replace Thermostat.
	Yes		No v		
	•		Check for shorts. Check components amperage.	-Yes-⊁	Repair or replace connections or parts with higher than normal amp draw.
•	· •		Yes	,	
			Check for 12vdc at furnace	-No-+	Check on/off switch on furnace
	•		Yes		
			Check fuse or circuit breaker	-No-+	Replace Fuse/Reset Breaker.
			Yes		
Ap	proximately 10-20 seconds blower is operating.	-No	Check for 12vdc at Time Delay Relay and for 12vdc to red wire to the Motor.	-No-+	Replace the Time Delay Relay.
	•		Yes		
	Yes		Check ground wire	-No-+	Replace the Motor.
	r 12-18 seconds the Module ates spark and opens valve.	-No-→	Check for 12vdc between red and yellow wires at the Module Board.	-Yes-∙	Check plug connection to the Module-Electrode and wire-Spark gap 1/8 inch between probe and ground.
<u></u>		i Se gjetë	No V	,	
			Check for 12vdc at Limit Switch, both sides.	-Yes-∙	Replace the Micro Switch.
	Ýes		. No ▼		•
	• • • • • • • • • • • • • • • • • • •		Check for 12vdc at Micro Switch both sides.	-Yes-•	Replace the Limit Switch.
Spa 7 secon	ark occurs for approximately ds and Main Burner Flame establishes.	-No- →	No spark at the electrode	-No-+	Replace the Module.
	•	•	Yes		
	•		Check for 12vdc at Gas Solenoid Valve	- N o-+	Replace the Module.
•	•		Yes	•	
	÷		Did the Gas Valve open.	-No-+	Check Gas Pressure at the Manifold or for restrictions in the Burner Orifice.
*	· •		Yes	,	No:
	Yes	**	Check for restriction in Combustion Air Intake (wasps, etc.)		Replace the Gas Valve.
	•		No	,	<u> </u>
	_		Is Flame established.	-No-	Check Flame contact to Electrode. Flame should be hard blue.
	•				should be hard blue.
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System Ok

NOTE: On some models sail switch is before limit switch.