ONAN CONTROL
QUICK TROUBLE SHOOTING AID

Duane Simmons June 11, 2003

1. Remove board cover & spray/soak wire terminals with **2-26***	**Expected Value**	**Measured Value**
2. Measure DC voltage between Terminals **5 & 1**	~12.8 vdc	
3. Measure DC voltage between Terminals **8 & 1**	12.8 vdc	
4. With starter engaged, measure dc voltage between Terminals **10 & 1**	>10.5 vdc	
5. Jumper Terminals **9 to 5** Hear Fuel Pump & Start Onan		Yes No
NOTE: If No Start - Ignition, fuel supply or wiring problem		
6a. With Onan running, measure AC voltage between Terminals **8 & 11**	26 to 31 vac	
6b. Measure DC voltage between Terminasl **12 & 11**	~zero vdc	
6c. Measure DC voltage between Upper Terminal **1 & 2**	12 vdc	
6d. Remove the jumper.....does the Onan continue to run ?		Yes No
7a. Stop Onan & measure DC voltage between Terminals **12 & 11**	12.8 vdc	Yes No
7b. Pull wire from Terminal **12**.....Try to Start		Yes No
8a. Stop Onan & measure DC voltage between Upper Terminals **1 & 2**	~zero vdc	
8b. Pull wire from UPPER Terminals **1, 2 & 3** .....Try to Start		Yes No
NOTES:		
*** 2-26** is an electrical component cleaning fluid sold in an aresol can and is available at the hardware store.		
******If all above (except 6d) is OK & Step 7 & 8 is No Start: Suspect Control Board		

Board Repair and Technical Assistance

Duane Simmons
Orange, CA