

# EU2000i

## e. GENERATOR

**SERVICE BULLETIN #34 =>**

### • No or low AC output

#### **WARNING**

High voltage and electrical current present. Touching the non-insulated portions of the meter leads or generator wiring can cause shock or electrocution.

Wear insulated gloves and avoid handling non-insulated wiring.

Use a load bank (available through the Honda Tool and Equipment Program or the Parts Division) to verify the customer's initial complaint and the generator's performance after the repairs (see page 5-2 of the Generator Troubleshooting manual).

COMPLAINT: Abnormal output (none, low, or high) at the AC receptacle. **Normal AC output:** 120 VAC ± 18.

1. With the engine running, check the overload indicator light is OFF and the AC circuit protector is ON.
2. Check the AC output indicator light. If ON, inspect the AC receptacle or wiring to the receptacle. If OFF, proceed below.
3. Remove the maintenance cover.

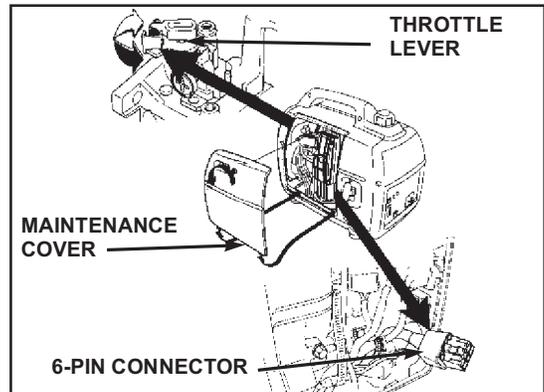
4. Disconnect the 6-pin connector. With the 6-pin connector disconnected, the Eco-Throttle will not operate.

5. Manually set the rpm by moving the throttle lever with your finger. **Standard no-load speed: 4,200 – 4,600 rpm.**

OK

NG

See *Engine Speed Does Not Increase or Stabilize* (P. 2-11).



6.	Test output of each winding.	Color/test points (#)	Specified voltages	
	AC Winding	Red (1), Blue (2) Blue (2) White (3) Red (1), White (3)	225 VAC ± 18	
	Sub Winding	Orange (4), Gray(5)	12 VAC ± 4	

One or more windings test LOW or NO.

All windings test equally LOW

OK

Stop the engine.

Inspect the receptacle. Replace as necessary.

7. Stator winding(s) faulty. Replace the stator. Call Techline.

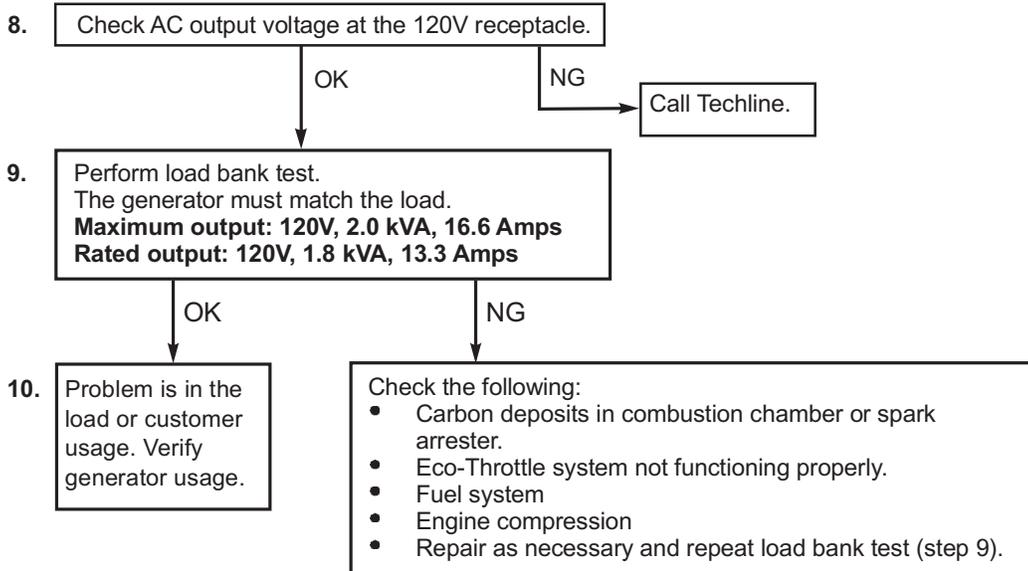
Rotor magnet(s) weak. Replace the rotor. Call Techline.

OK

Reassemble the generator. Proceed to step 8.

Reassemble the generator. Proceed to step 8.

Replace the inverter. Call Techline. Reassemble the generator. Proceed to step 8.



**GENERATOR TEST POINTS**

