

e. GENERATOR

- 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.

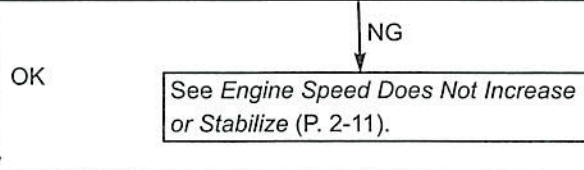
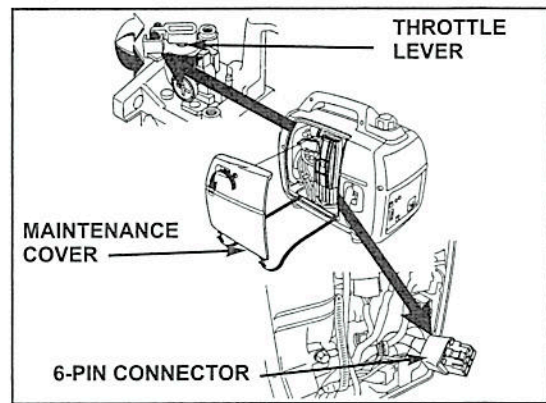
Wear insulated gloves and avoid handling non-insulated wiring.

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).

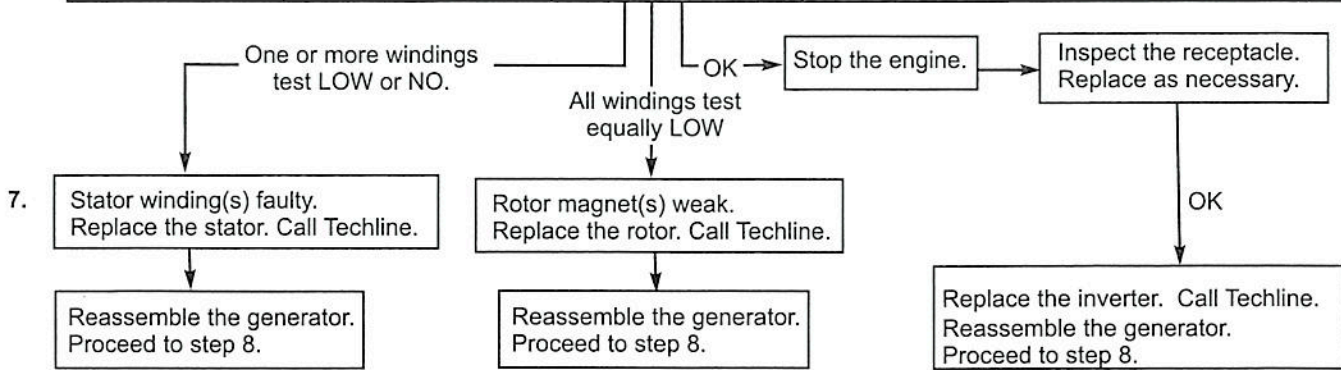
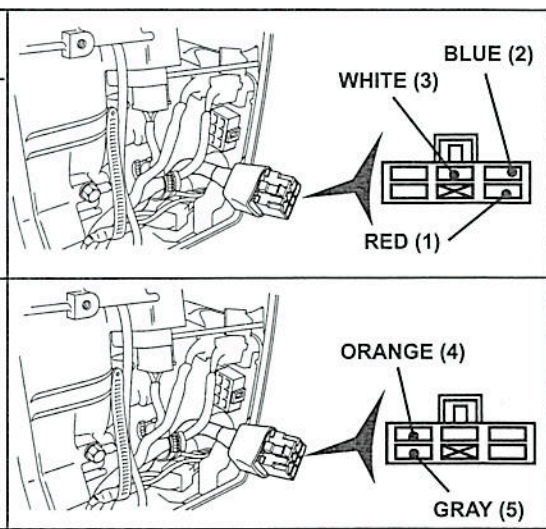
COMPLAINT: Abnormal output (none, low, or high) at the AC receptacle. **Normal AC output:** 120 VAC ± 18.

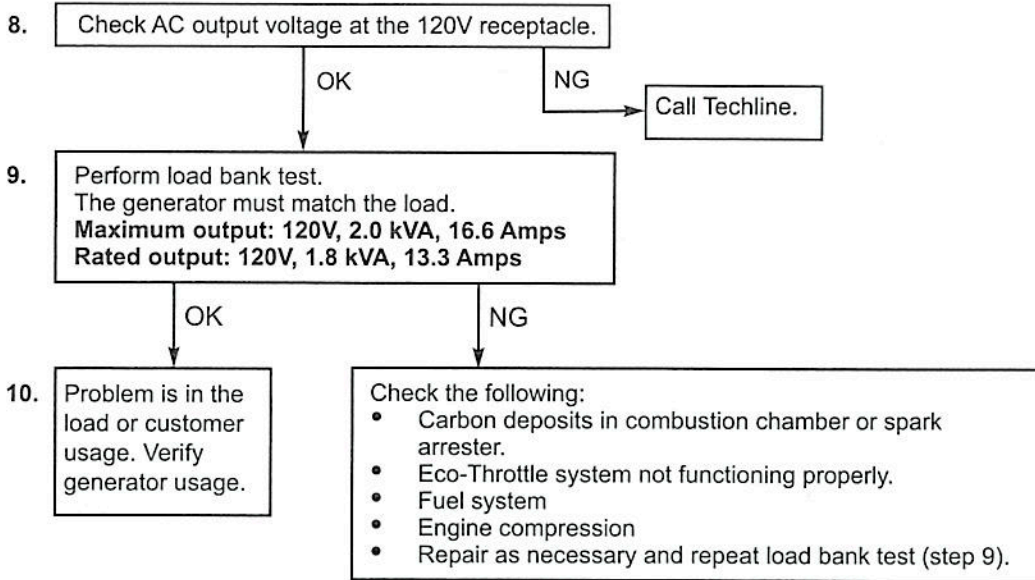
1. With the engine running, check the overload indicator light is OFF and the AC circuit protector is ON.
2. Check the AC output indicator light. If ON, inspect the AC receptacle or wiring to the receptacle. If OFF, proceed below.
3. Remove the maintenance cover.

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.**

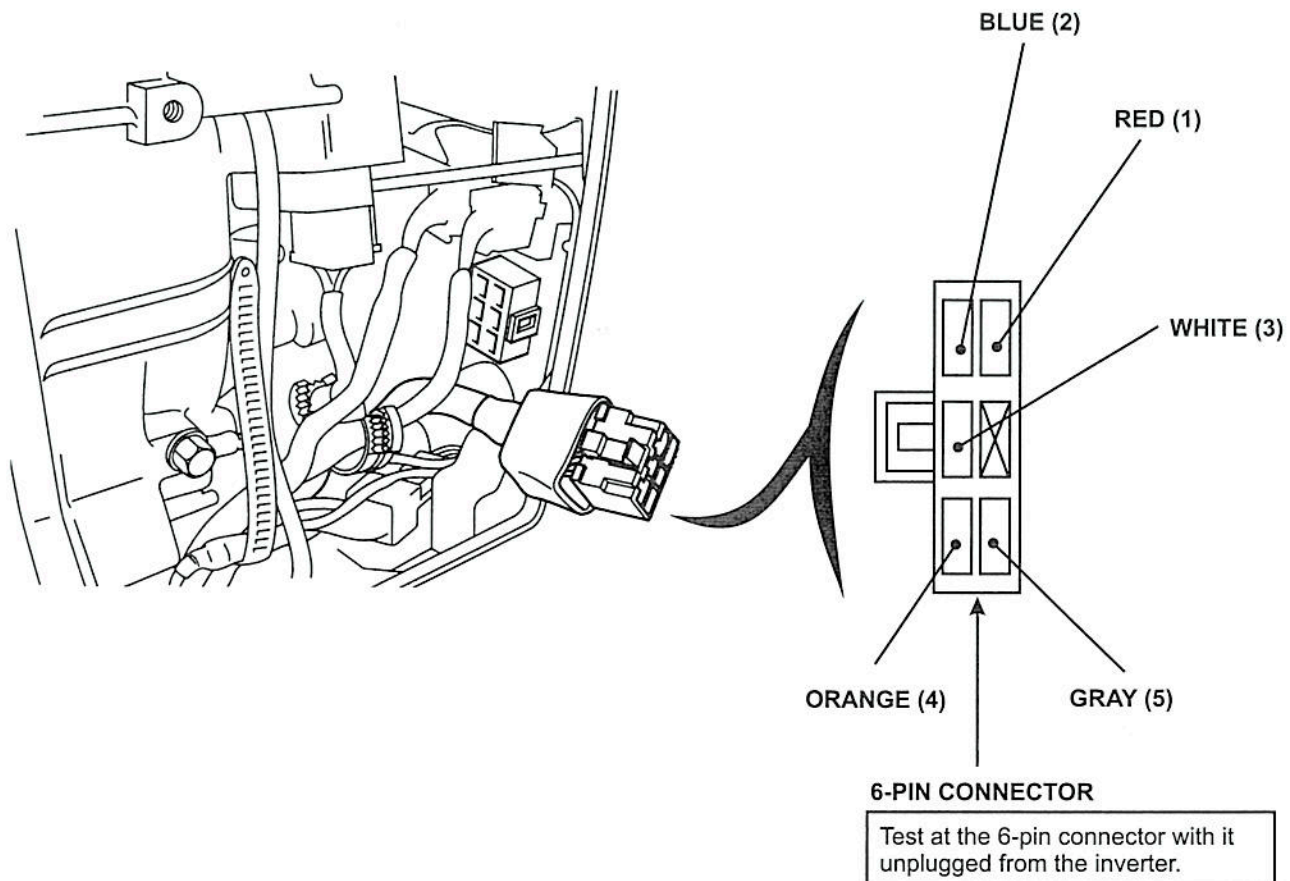


6. Test output of each winding.	Color/test points (#)	Specified voltages
AC Winding	Red (1), Blue (2) Blue (2) White (3) Red (1), White (3)	225 VAC ± 18
Sub Winding	Orange (4), Gray(5)	12 VAC ± 4

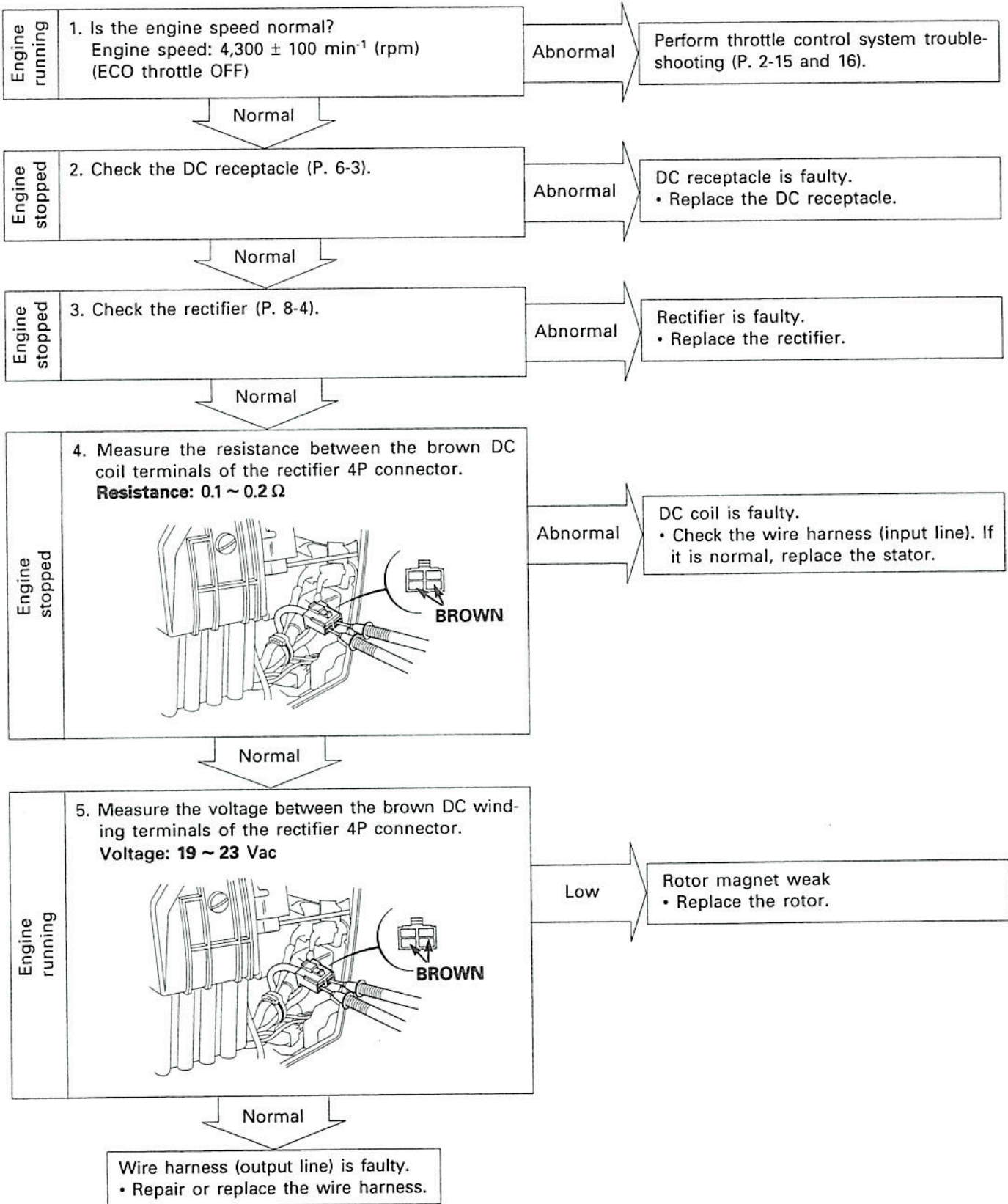




GENERATOR TEST POINTS



• **No or low DC output**

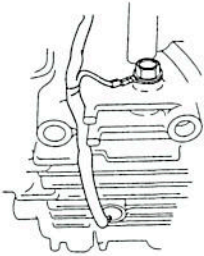


8. CARBLE & HARNESS ROUTING

• WIRE HARNESSES

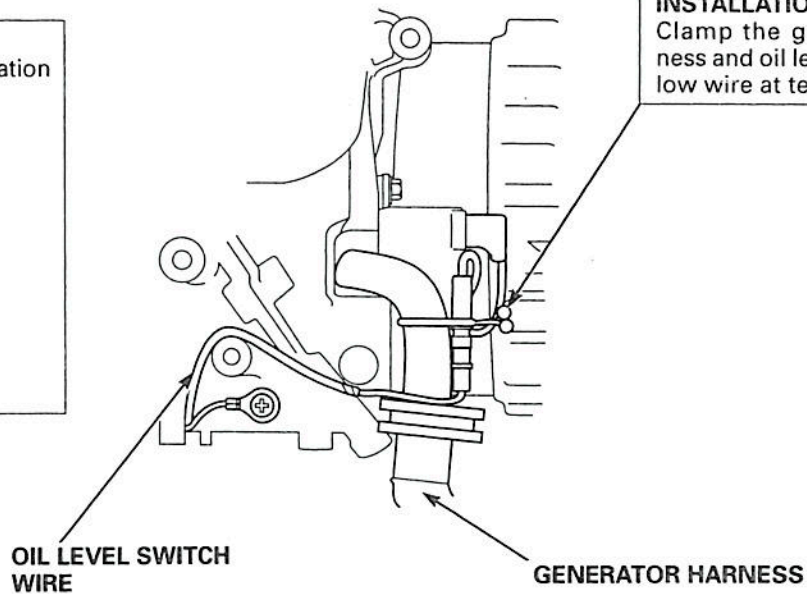
OIL LEVEL SWITCH GROUND TERMINAL

INSTALLATION:
Install noting the installation
direction shown.



PURSE LOCK CLIP

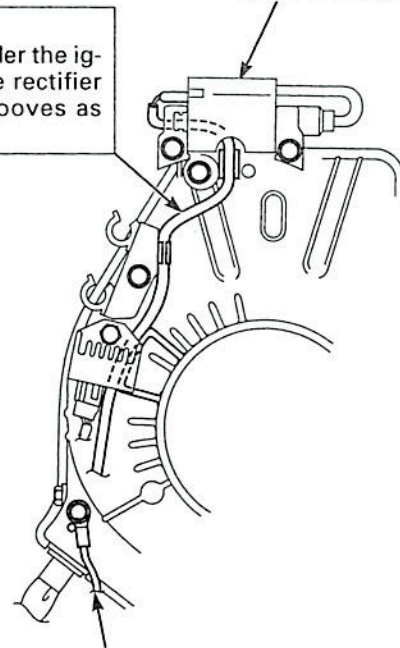
INSTALLATION:
Clamp the generator har-
ness and oil level switch yel-
low wire at terminal part.



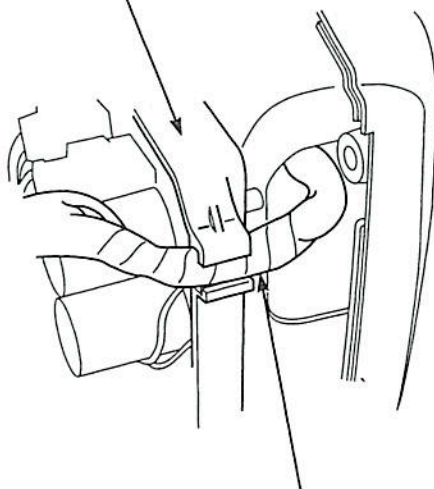
IGNITION COIL PRIMARY WIRE

INSTALLATION:
Route the wire under the ig-
nition coil and the rectifier
and set in the grooves as
shown.

IGNITION COIL



INVERTER UNIT



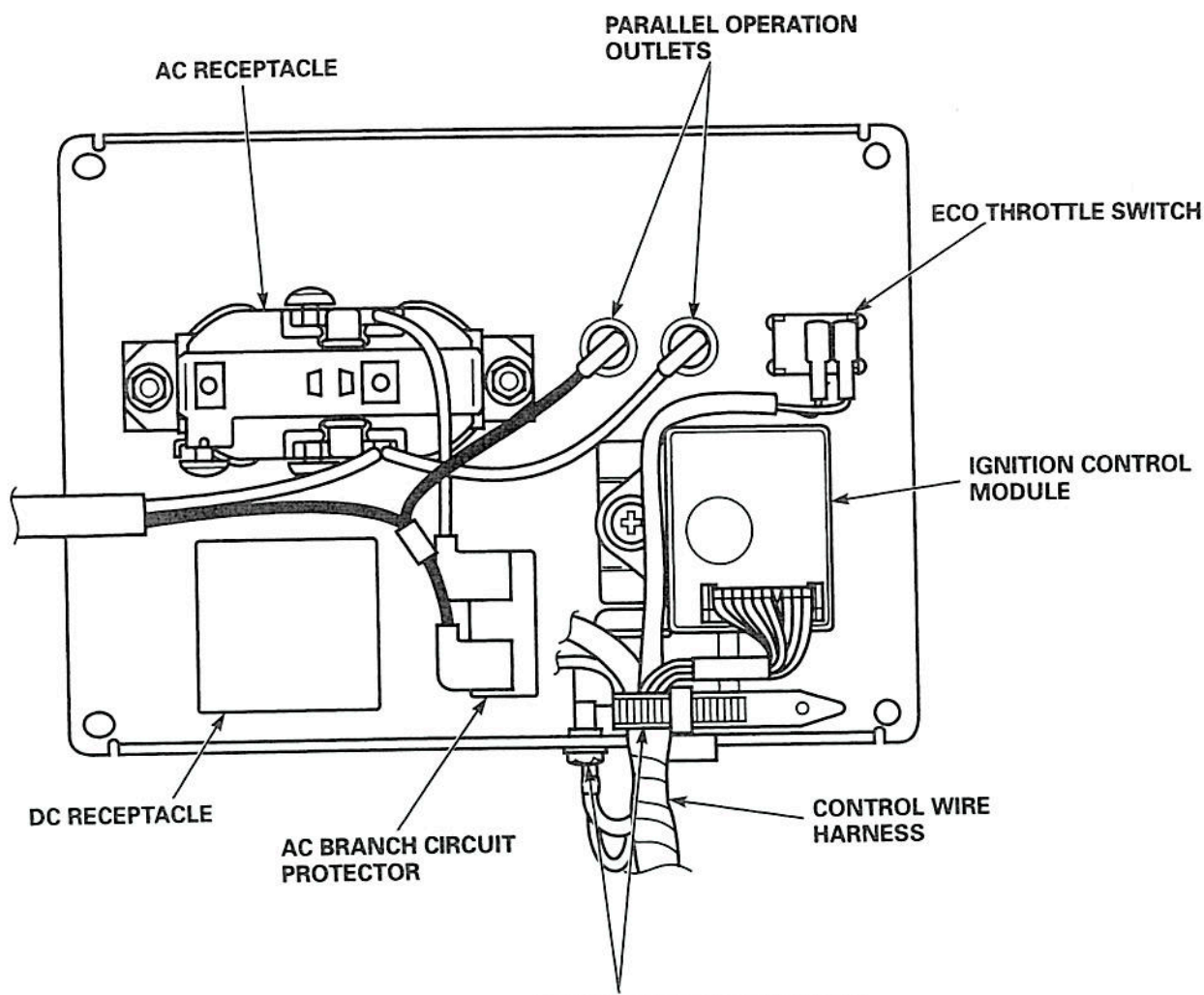
CONTROL WIRE HARNESS

INSTALLATION:
Set the wire harness in the
guide on the underside of
the inverter unit securely.

GENERATOR HARNESS GROUND WIRE

INSTALLATION:
Tighten the terminal push-
ing against the boss.

• **CONTROL PANEL**



**FRAME GROUND TERMINAL/
CABLE TIE**

INSTALLATION:
Install noting the installation direction shown.

