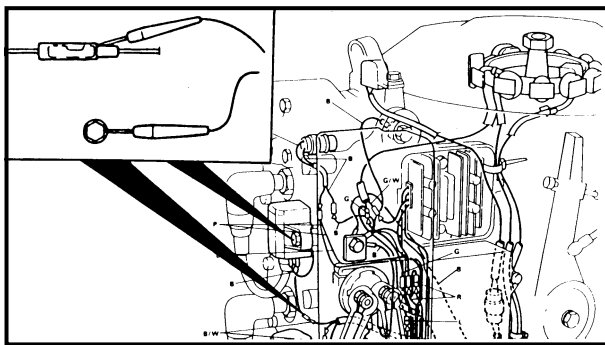
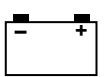




1. CDI unit output:

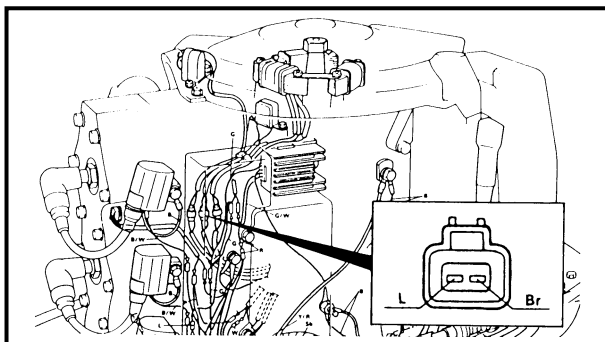
- 1) Connect the tester to the CDI unit as shown.
- 2) Set the tester dial to specification.
- 3) Crank or start the engine.
- 4) Measure all the CDI unit output.
- 5) If the output is beyond specification, replace the ignition coil.
- 6) If the output is below specification, measure the charge coil output.

50, 60, 70 hp

 CDI unit Output peak voltage (minimum) B/W – B				
r/min	Cranking		1,500	3,500
	Open	Connect		
V	—	#1, 3: 105 #2: —	145	105

75, 80, 90 hp

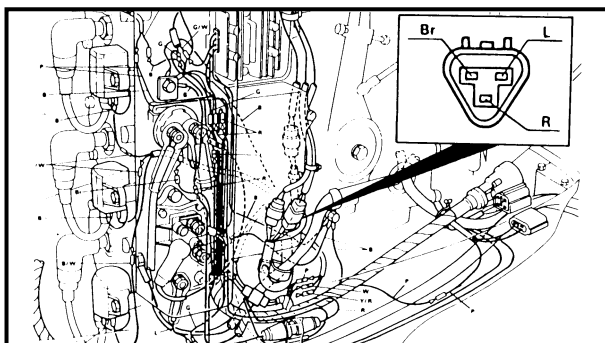
 CDI unit Output peak voltage (minimum) B/W – B				
r/min	Cranking		1,500	3,500
	Open	Connect		
V	—	#1, 3: 130 #2: —	155	130



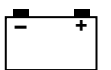
2. Charge coil output:

- 1) Disconnect the charge coil coupler.
Connect the 2/3 pins test harness.

	50, 60, 70 hp
	2 pins test harness:
	YB-38831/90890-06767
	75, 80, 90 hp
	3 pins tester harness:
	YB-06443/90890-06757



- 2) Connect the tester to the measurement terminal.
- 3) Set the tester dial to specification.
- 4) Crank or start the engine.
- 5) Measure the charge coil output.
- 6) If the output is below specification, replace the charge coil.
- 7) If the output is beyond specification, measure pulser coil output.



50, 60, 70 hp



Charge coil
Output peak voltage (minimum)
Br – L

r/min	Cranking		1,500	3,500
	Open	Connect		
V	120	150	160	120

75, 80, 90 hp



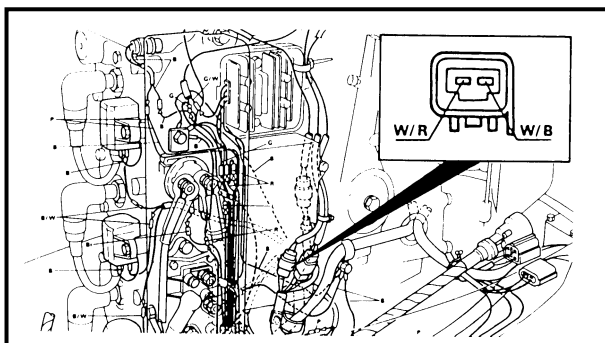
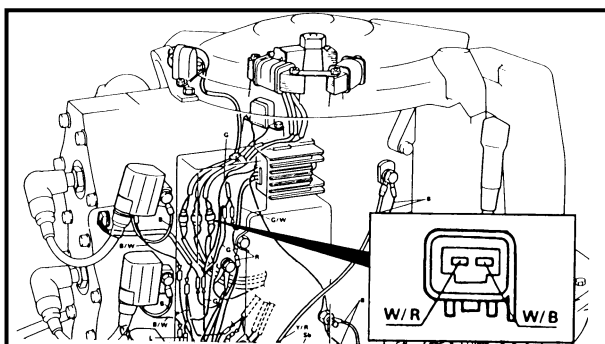
Charge coil
Output peak voltage (minimum)
R – Br

r/min	Cranking		1,500	3,500
	Open	Connect		
V	55	60	170	150



Charge coil
Output peak voltage (minimum)
R – L

r/min	Cranking		1,500	3,500
	Open	Connect		
V	90	100	135	135



3. Pulser coil output:

- 1) Disconnect the pulse coil couple.
Connect the 2 pins test harness.



2 pins test harness:
YB-38831/90890-06767

- 2) Connect the tester to the measurement terminal.
- 3) Set the tester dial to specification.
- 4) Crank or start the engine.
- 5) Measure the pulser coil output.
- 6) If the output is beyond specification, replace CDI unit.
- 7) If the output is below specification, replace pulser coil.