DIAGNOSIS AND TESTING (Continued)

	TEST STEP TARGET AND A STEP TARGET	RESULT		ACTION TO TAKE
B1	PRELIMINARY CHECKS			
	Preliminary Checks: — Fuse link — Battery terminals and cable clamps — Wiring and ground connections to generator, regulator and engine	Yes at refresher the self of t		GO to B2 . SERVICE and/or REPLACE as necessary GO to B2 .
	Generator belt tension Are components OK?			
B2	BASE VOLTAGE AND NO LOAD TEST			
	Connect voltmeter to battery posts. Read battery	No Service de la compa	>	GO to B3.
	voltage — this is base reading. Start engine, run at 1500 rpm with no electrical load. Voltage should increase but not more than 3 volts. Does voltage increase more than 3 volts?	Yes		GO to B12.
ВЗ	LOAD TEST	- Canton Including	0.000	
	 Increase engine speed to 2000 rpm. Turn heater-A/C blower and headlamps on HIGH. Is voltage a minimum of 0.5 volt over base voltage? 	Yes No		GQ to B5 .
B4	BATTERY DRAIN TEST — KEY OFF	l Osmedi bili siyi;		
	Concern can still be battery drain. Turn OFF ignition, install test lamp in series with positive battery cable	Yes		CHECK vehicle circuits for drain.
	and check to isolate problem circuit. Is there a battery drain?	No		REFER to Section 14-01
В5	UNDER-VOLTAGE TEST			
	 Disconnect regulator. Check resistance between regulator 'A' and 'F' terminals on regulator. Is resistance more than 2.4 ohms? 	Yes Note: Sending mer Of the send of the	1624006 History 1427-51	GO to B6. CHECK generator for shorted field circuit and REPLACE generator assembly if required. If generator is OK, REPLACE regulator. GO to B2.
В6	'A' TERMINAL VOLTAGE CHECK			1 C Bool Ran 9
80817	Reconnect regulator. Measure 'A' terminal voltage. Is there battery voltage?	Yes named and the No	Þ	GO to B7. SERVICE 'A' circuit wiring.
B7	'F' TERMINAL VOLTAGE CHECK — IGNITION OFF			
enegeth.	Voltage regulator connected.	Yes	>	GO to B8.
	 Key OFF. Measure regulator 'F' terminal voltage with ignition off. Is there battery voltage? 	No HOLOGOPPILI		REPLACE generator assembly. GO to B2 .
В8	'F' TERMINAL VOLTAGE CHECK — IGNITION ON		100	AAS SEKALAYOL
NUC.	 Turn ignition to RUN position (engine not running). Measure regulator 'F' terminal voltage. Is voltage more than 1.5 volts? 	Yes 7 Barriag Barriag No		GO to B9 . GO to B10 .
B9	'i' CIRCUIT TESTS	3050893		
	Perform 'l' circuit tests. Is circuit OK?	Yes		REPLACE regulator. GO to B2 .
	WORKENG NEARTHE SATHERY TO PROPER LA	No		SERVICE 'I' circuit wiring GO to B2.
B10	JUMPERED LOAD TEST	203 344390 200 344390		
910 I	 Repeat Load Test measuring voltage to generator Battery Positive Voltage (B+) output terminal from battery negative clamp. Does voltage rise 0.5 volt or more? 	Yes		SERVICE generator to starter relay wiring. GO B2.
		No		GO to B11 .