DIAGNOSIS AND TESTING (Continued)

	TEST STEP	RESULT		ACTION TO TAKE
A1	PRELIMINARY CHECKS Ass. Soop astordo			
	Check the following:	Yes		GO to A2.
	Fuse link.Battery terminals and cable clamps.	No		SERVICE and/or
	Wiring connections at generator, integral voltage			REPLACE as necessar
	regulator (IAR) and engine-to-body grounds.			GO to A2.
	 Generator belt tension. Are components OK? 			
A2	BASE VOLTAGE AND NO-LOAD TEST			
<u> </u>				
	 Connect voltmeter to battery posts. Record battery voltage (base voltage). 	Increases, but not more than 2 volts		GO to A3.
	Start engine and run at 1500 rpm with no electrical load. Voltage should increase, but not more than 2.			
		No increase		GO to A5.
	volts, con regil for glade life for accion	Increases more than 2 volts		GO to A7.
43	LOADTEST	than 2 voits		
	 Increase engine speed to 2000 rpm. 	Increases 0.5 volt	>	001-14
	 Turn heater/A/C blower and headlamps on HIGH. Voltage should read a minimum of 0.5 volt over base 'A' circuit voltage. 	or more		GO to A4.
		Increases 0.5 volt	>	GO to A7.
		or more, but		GOIOAI.
		generator		
	1 C On some velación that a la seventular a la deserva	indicator stays on		
	The first projects which equipments the first projects with the control of the first projects with the control of the first projects with the control of the	Increases less than 0.5 volt		GO to A5.
۱4	BATTERY DRAIN TEST—KEY OFF			
		Yes		CHECK other vehicle
	Is there a battery drain?	The perform Under Vi		circuits for drain.
	197 to tenment A' Branchinenen o tenment i	No 300 To 100 To	>	REFER to Section 14-0
<u> </u>	'I' CIRCUIT VOLTAGE TEST			
	Disconnect regulator. Turn ignition switch to RUN (engine off).	Yes		GO to A6.
	Measure voltage at 'I' terminal of IAR. Voltage	No		SERVICE 'I' circuit for
	should be same as battery voltage.			open or short to ground
	Is there battery voltage?			GO to A2.
46	'I' CIRCUIT CURRENT TEST			
	Jumper 'I' terminal at IAR connector to battery negative post.	Yes	>	GO to A7.
	Turn ignition switch to RUN (engine off).	No		SERVICE 'I' circuit (high
	Does charge indicator light?			resistance). GO to A2.
7	'A' CIRCUIT TEST			
	Disconnect IAR.	Yes		GO to A8.
	 Connect voltmeter negative lead to battery negative post. 	No		SERVICE 'A' circuit
	Connect voltage positive lead to 'A' terminal of IAR	Fisching for the parties		(open/high resistance).
	connector.			GÖ to A2.
	Is voltage same as battery?			
8	CHECK GENERATOR OUTPUT LEAD			
	 Stop engine. Connect voltmeter positive lead to B+ terminal of 	Yes		SERVICE or REPLACE
	generator.	Perditing to gerferate mo		generator. GO to A2.
	 Connect voltmeter negative lead to battery negative 	No		SERVICE or REPLACE circuit from generator to
	post.			

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