Key Off Battery Drain

Meets ASE Task: (A6-A-8) P-1 Measure and diagnose the cause(s) of excessive key-off battery drain (parasitic draw); determine the needed action.

Name	Date	Time on Task		_
Make/Model/Year	VIN	Evaluation:	4 3 2	1
A battery electrical drain test sho if a battery electrical drain was th	*	• • •	to determine	e
1. Perform a visual inspe	ction and check if the follo	owing are turned on:		
b. The interior ligc. Vanity mirror(s) light(s) ok for discoloration indica		nave been or	n
	Il accessories off. Close a under-the-hood lamp if eq			
3. Disconnect the negative	re (-) battery cable.			2
4. Select DC amperes on	a digital multimeter.	100		
5. Connect the black met	er lead to the negative tern	ninal of the battery.		
6. Connect the red meter the ammeter.	lead to the disconnected ca	able end and read		
amps of b 0.05A (50	attery electrical drain [shown mA)]	ald be less than		
ок	NOT OK			
7. What is the needed act	ion?			_
8. Reconnect the battery,	reset the radio presets, and	I set the time on the veh	icle clock.	
	use a clip-on type digital n drain. Using this equipme			

the battery cable and then have to reset the radio and the clock.