## **Starter Solenoid Testing**

Meets ASE Task: Not specified by ASE

Name _			Date	Time on Task
Make/M	odel/Year		VIN	Evaluation: 4 3 2
1	. Clean and vi	sually inspec	et the starter solenoid fo	r physical damage.
	OK	NOT	OK	
2	Carefully remove the two retaining screws and the retaining nuts from the "M", "S", and "R" (if used) terminals.			
3	<b>3.</b> Carefully remove the plastic end cap.			
4	. Visually che	ck all soleno	oid parts for excessive w	ear or damage.
	OK	NOT	OK	
5	_ 5. Set a digital multimeter (DMM) to read ohms (low scale) and check the hold-in coi and the pull-in coil.			
	resistanc	ce =		m) <b>OK NOT OK</b>
				S" and the solenoid housing: hm) <b>OK</b> NOT <b>OK</b>
6	. Carefully rea	assemble the	solenoid.	
7	7. Test the pull-in winding by applying 12 volts to terminal "S" and ground to term "M." Check that the plunger will be drawn into the solenoid.			
	away fro	om between	unger will be drawn in verthe plunger and the sole NOT OK	with great force, so keep your fingers noid housing.
8			ng by connecting 12 volumes and be drawn into the	ts to terminal "S" and the other wire e solenoid housing.
	(	ОК	NOT OK	
9	. Based on the	e test results,	what is the necessary ac	etion?