Starter Relays and Solenoids

Meets ASE Task: (A6-C-5) P-2 Inspect and test starter relays, solenoids, connections, and wires; determine needed action.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
1. Clean and visually in	aspect the starter solenoid and/o	or relay for physical damage.
OK N	ОТ ОК	
2. Set a digital multime	ter (DMM) to read ohms (low	scale) and check the hold-in coil
and the pull-in coil.		
	easure between terminals "S" a (should be 0.2 to 0.4 ohm)	
	leasure between terminals "S" a (should be 0.4 to 0.6 ohm	_
	ing by applying 12 volts to terr plunger will be drawn into the	minal "S" and ground to terminal solenoid.
ОК	NOT OK	START SWITCH
to terminal "S" and t	inding by connecting 12 volts he other wire to ground. The awn into the solenoid housing.	BATTERY SOLENOID SAF SWIT
ОК	NOT OK	CRANKING
5. Measure coil resistar 85).	nce of the relay (terminals 86 ar	MOTOR
Resistance =(should be 60 to		IGNITION (87 / TERMINAL (86)
ОК	NOT OK	BATTERY TERMINAL (30)
6. What is the needed ac	etion?	

GROUND (85)