Starter Relays and Solenoids

Meets ASE Task: (A6-C-3) P-2 and (A6-C-5) P-2 Inspect and test starter relays, solenoids, connections, and wires; determine necessary action.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
1. Clean and visually in	spect the starter solenoid and/or	relay for physical damage.
OK N	ОТ ОК	
2. Set a digital multime	ter (DMM) to read ohms (low sca	ale) and check the hold-in coil
and the pull-in coil.		
	easure between terminals "S" and (should be 0.2 to 0.4 ohm)	
	easure between terminals "S" and (should be 0.4 to 0.6 ohm)	•
	ing by applying 12 volts to terming plunger will be drawn into the so	_
ОК	NOT OK	START SWITCH
to terminal "S" and the	nding by connecting 12 volts he other wire to ground. The awn into the solenoid housing.	SOLENOID
ОК	NOT OK	
5. Measure coil resistan 85).	ce of the relay (terminals 86 and	CRANKING
Resistance = (should be 60 to		IGNITION TERMINAL (86)
ОК	NOT OK	BATTERY TERMINAL (30)
6. What is the necessary	action?	
		GROUND SOLENOID TERMINAL (87)