

## NATEF Task A6 A5, 6 (P-1)

### A6 A5,6: Diagnose Electrical Circuits Using Wiring diagrams

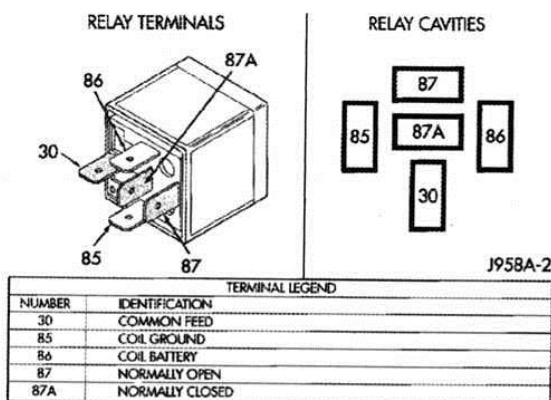
Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Year: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_

**Objective:** Student will diagnose an electrical circuit using a wiring diagram.

- Materials:**
1. EYE PROTECTION
  2. Test lamp and DVOM
  3. Wiring diagram for circuit assigned by instructor \_\_\_\_\_
  4. Vehicle (see instructor) *Circuit*

**Procedure:** Wear eye protection. Look up wiring diagram in service information system and print out diagram (All-Data or Equivalent). Locate relay for circuit assigned by instructor and carefully remove relay. Test each pin in the relay socket for power, ground, and resistance, then document findings on printed wiring diagram, which you will attach to this worksheet. Show results to your instructor and ask for clarification on any readings that you do not understand.



#### INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	Initial	OVERALL SKILL EVALUATION	Points
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)	
PERFORMS SATISFACTORILY (4)		SAFETY COMPLIANCE (1)	
CAPABLE, NEEDS PRACTICE (3)		WORK PROFESSIONALISM (3)	
ASSISTED IN PERFORMING (2)		<b>LEVEL OF SKILL ATTAINED (1-5)</b>	
EXPOSURE, OBSERVATION (1)		<b>TOTAL SCORE</b>	

**INSTRUCTOR'S SIGNATURE:**

*A6A5-A6A6 Using Wiring diagrams / 4-14-17 / vdb*