# A6/U3/L3 ELECTRICAL DIAGNOSIS

# **JOB SHEET A6A7 Using a Test Light**

		Start Date:	
Name:		End Date:	
Make:	Model:	Year:	
VIN:		Mileage:	

## LEARNING OBJECTIVE/NATEF TASK



 Check electrical circuits with a test light; determine necessary action NATEF TASK A6/A7, P2. ICS 061, 062, 086

# MATERIALS

Classroom Vehicle (s) OEM service information, test light

## PROCEDURE

Last Link

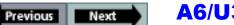
- Wear Safety Glasses for this entire procedure.
- Locate in the OEM service information the wiring diagram for the vehicle you are using. Determine the electrical circuits that are safe to check with a test light and make a list. Submit this list to your instructor/mentor for approval.

Your Instructor MUST stamp or initial the box to the right before you can proceed with this job sheet.



- List the circuits that can safely check with a 12-volt test light:

• Check the operation of the circuits that you identified above with a test light. What can you determine about using the test light to check these circuits:



# A6/U3/L3 ELECTRICAL DIAGNOSIS

• What are the benefit (s) of using a test light as compared to a DMM?

## TASK SUMMARY

 Now that you have completed this NATEF task, can you think of anything (tools, information, knowledge etc.) that would have made this task easier.

 List a customer complaint together with the cause determined by this diagnostic/inspection task that might appear on a work order, and then list the NATEF Task CORRECTION you would use to resolve the complaint.

#### COMPLAINT: \_\_\_\_\_

1. Perform Checks/Inspect: \_\_\_\_\_ 2. Referencing Bulletin:\_\_\_\_\_

### CAUSE:\_\_

**USED THIS NATEF DIAGNOSIS TASK** 1. Diagnosis:

- 2. Operating as designed:
- 3. Cause identified as:

## CORRECTION:

1. Other Correction:

2. Correction Verified By:\_\_\_\_\_

## Use this Rubric to RATE the completion of Job Sheet

- 1 = Demonstrated exposure/observation of the competency
- 2 = Applies the competency but only mastered a few essential attributes of the competency
- 3 = Capable of the competency but needs further practice
- 4 = Performs the competency satisfactorily
- 5 = MASTERED the competency

Instructor Mentor

Next