

# A6/U10/L2 VEHICLE COMMUNICATIONS

## JSA6H11 Anti-Theft System Diagnosis

Name: \_\_\_\_\_ Start Date: \_\_\_\_\_  
Make: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_  
VIN: \_\_\_\_\_ Mileage: \_\_\_\_\_

### LEARNING OBJECTIVE/NATEF TASK



- Diagnose the cause of false, intermittent, or no operation of anti-theft system. **NATEF TASK A6/H11, P2. ICS161**

### MATERIALS

Classroom Vehicle (s), OEM service information, DMM, Jumper wires, Scan Tool

### PROCEDURE

- Wear Safety Glasses for this entire procedure.
- Review Anti-Theft Systems in Lesson 2 of UNIT10 in the A6 course. Locate in the OEM service information the diagnosis procedure for the Anti-Theft System on the vehicle you are using for this Job Sheet that includes false, intermittent, and no operation of the system. Submit your diagnosis plan to your instructor or mentor for approval.

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



1. List the type of Anti-Theft system installed on the vehicle you are servicing; e.g., factory, dealer installed, BCM-Controlled, etc.

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2. List the system components below:

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3. Does the system use Keyless Entry in conjunction with the Anti-Theft System? \_\_\_\_\_
  4. Does the system use Scan Tool Diagnostics? \_\_\_\_\_
  5. If the system uses Scan Tool diagnostics, does the scan tool communicate with the Anti-Theft system? \_\_\_\_\_.
  6. List the Diagnostic Trouble Codes (DTC) associated with this Anti-Theft System: \_\_\_\_\_
  7. List any stored or active Diagnostic Trouble Codes (DTC): \_\_\_\_\_
  8. If Scan Tool Diagnosis is not used, what form of diagnosis is available?

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9. Complete the OEM Diagnostic System Check for the Anti-Theft system and record your findings below:

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## 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.

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- 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:** \_\_\_\_\_

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

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** \_\_\_\_\_