

Fastener Repair

Student/intern information:

Name _____ Date _____ Class _____

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

Learning Objective/Task	CDX Tasksheet Number	2008 NATEF Reference Number	2008 NATEF Priority Level
<ul style="list-style-type: none"> Perform common fastener and thread repair, to include: remove broken bolt, restore internal and external threads, and repair internal threads with thread insert. 	C886	1A14	P-1

Time off _____

Time on _____

Total time _____

Recommended Resource Materials

- CDX Automotive program
- Technical service bulletins, shop manuals, and any other information applicable to the specific vehicle or components you are working on
- Class notes

Materials Required

- Vehicle or simulator with a damaged fastener/thread
- Fastener repair tools specific to the job

Some Safety Issues to Consider

- Always wear the correct protective eyewear and clothing and use the appropriate safety equipment, as well as fender covers, seat protectors, and floor mat protectors.
- Make sure you understand and observe all legislative and personal safety procedures when carrying out practical assignments. If you are unsure of what these are, ask your supervisor/instructor.

Performance Standard

0—No exposure: No information or practice provided during the program; complete training required

1—Exposure only: General information provided with no practice time; close supervision needed; additional training required

2—Limited practice: Has practiced job during training program; additional training required to develop skill

3—Moderately skilled: Has performed job independently during training program; limited additional training may be required

4—Skilled: Can perform job independently with no additional training

▶ TASK Perform common fastener and thread repair, to include: remove broken bolt, restore internal and external threads, and repair internal threads with thread insert.

C886 1A14

Time off _____

Time on _____

Total time _____

NOTE ▶ Your instructor may prefer that you perform this task on a mock-up or piece of scrap metal. Ask your instructor how he or she would like you to proceed.

- Identify the damaged fastener and its location, and list the information here:

2. Research the appropriate method of extracting the broken fastener, and list it here:

3. Using the appropriate method, remove the broken bolt from its location. List your observation/s:

4. Restore internal and external threads as required, and list your results:

5. Have your supervisor/instructor check your work and initial below.

a. Supervisor/instructor's initials: _____

6. Repair internal threads with a thread insert using the recommended method. List the steps below:

7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action/s recommended.

Performance Rating

CDX Tasksheet Number: C886

2008 NATEF Reference Number: 1A14



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3



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Supervisor/instructor signature _____ Date _____