

Camshaft Timing

Student/Intern information:

Name _____ Date _____ Class _____

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

Learning Objective/Task	CDX Tasksheet Number	2017 MAST NATEF Reference Number; Priority Level
• Verify correct camshaft timing including engines equipped with variable valve timing systems (VVT).	C400	8A11; P-1

Time off _____

Time on _____

Total time _____

Materials Required

- Vehicle or simulator
- Possible need of specialized tools such as a scan tool, etc.

Some Safety Issues to Consider

- Because the vehicle will be running for an extended amount of time, make sure the vehicle cannot move or roll by applying the parking brake and using wheel chocks.
- You will be working under the hood of a running vehicle. Keep your hands and fingers away from moving belts, fans, and other parts.
- Do not rotate the crankshaft or camshaft if the timing belt is removed. Moving the cam or the crank could cause valve or piston damage.
- Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.

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