▶ TASK Inspect and/or measure camshaft for runout, journal wear, and lobe wear.

Time off\_

Time on\_

Total time\_

CDX Tasksheet Number: C724

1. Research the procedure and specifications for inspecting and measuring the camshaft in the appropriate service information.

a. Specified maximum camshaft journal runout: \_\_\_\_\_

b. Specified camshaft journal diameter: \_\_\_\_\_ \_\_\_\_\_ in/mm

c. Specified lobe lift

i. Intake: \_\_\_\_\_ \_\_\_\_\_ in/mm

ii. Exhaust: \_\_\_\_\_ in/mm

d. Specified maximum lobe wear: \_\_\_\_\_ \_\_\_ in/mm

2. Visually inspect the condition of the cam lobes for excessive wear. List your observation(s):

3. Following the specified procedure, measure the camshaft journal runout. List the measurement. List which journals were supported and which one was measured.

4. Following the specified procedure, measure the camshaft journal diameter. List your measurements for each cam journal in the table below.

	Camshaft Journal	#1	#2	#3	#4	#5
2	Cam #1 (in/mm)					
	Cam #2 (in/mm)					
	Cam #3 (in/mm)					
2	Cam #4 (in/mm)					

5. Calculate the maximum camshaft journal wear: \_\_\_\_\_\_ in/mm

6. Following the specified procedure, measure the cam lobe lift and list your measurements in the table below.

	#1	#2	#3	#4	#5	#6	#7	#8
Intake lobes								
Exhaust Lobes								

- 7. Calculate the maximum lobe wear.
  - a. Intake: \_\_\_\_\_\_ in/mm
    b. Exhaust: \_\_\_\_\_ in/mm
- 8. Determine any necessary action(s):
- 9. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C724

O 1 2 3 4

Supervisor/instructor signature

Date

126 Engine Repair