

► TASK Inspect valves and valve seats; determine needed action.

MAST
1B10

CDX Tasksheet Number: C720

Time off _____

Time on _____

Total time _____

1. Research the procedure and specifications for inspecting valves and valve seats in the appropriate service information.
 - a. Specified valve stem diameter
 - i. Intake: _____ in/mm
 - ii. Exhaust: _____ in/mm
 - b. Specified valve margin thickness
 - i. Intake: _____ in/mm
 - ii. Exhaust: _____ in/mm
 - c. Specified valve face angle
 - i. Intake: _____ degrees
 - ii. Exhaust: _____ degrees
 - d. Specified valve seat angle
 - i. Intake: _____ degrees
 - ii. Exhaust: _____ degrees
 - e. Specified valve seat width
 - i. Intake: _____ in/mm
 - ii. Exhaust: _____ in/mm
 - f. List, or print off and attach to this sheet, the procedure for inspecting the valves and valve seats:

2. Measure the valve stem diameter and check for taper. List your measurements in the table below.

Valve	#1	#2	#3	#4	#5	#6	#7	#8
Intake (in/mm)								
Exhaust (in/mm)								

3. Measure the valve margin thickness. List your measurements in the table below.

Valve	#1	#2	#3	#4	#5	#6	#7	#8
Intake (in/mm)								
Exhaust (in/mm)								

4. Measure the valve seat width. List your measurements in the table below.

Valve Seat	#1	#2	#3	#4	#5	#6	#7	#8
Intake (in/mm)								
Exhaust (in/mm)								

5. Inspect the valves and valve seats according to the manufacturer's procedure.
List your observation(s):

6. Determine any necessary action(s):

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: C720

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Supervisor/instructor signature _____ Date _____