

► TASK Inspect valve guides for wear; check valve stem-to-guide clearance; determine needed action.

MAST
1B9

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C719

1. Research the procedure and specifications for checking valve guides and clearance in the appropriate service information.
 - a. Specified valve guide clearance
 - i. Intake: _____ in/mm
 - ii. Exhaust: _____ in/mm
 - b. Which method of determining valve guide clearance is recommended?
Micrometer method / Dial indicator method (Circle one)
2. Measure the intake valve guide inner diameter and the intake valve stem diameter; calculate the clearance (micrometer method) or measure the side-to-side play of the valve stem with a dial indicator (dial indicator method). List your measurements in the table below.

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

3. Measure the exhaust valve guide inner diameter and the exhaust valve stem diameter, then calculate the clearance (micrometer method), or measure the side-to-side play of the valve stem with a dial indicator (dial indicator method). List your measurements in the table below.

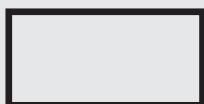
Exhaust Valve	#1	#2	#3	#4	#5	#6	#7	#8
Guide (in/mm)								
Valve (in/mm)								
Clearance (in/mm)								

4. Determine any necessary action(s):

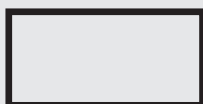
5. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

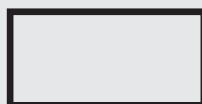
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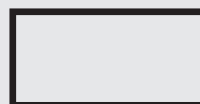
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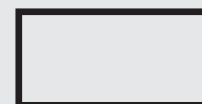
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2



3



4

Supervisor/instructor signature _____ Date _____