

► TASK Inspect and measure piston skirts and ring lands; determine needed action.

MAST
1C10

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C678

1. Research the procedures and specifications for inspecting and measuring the piston skirts and ring lands in the appropriate service information.

- a. Specified piston skirt diameter: _____ in/mm
- b. Specified piston ring groove width
 - i. Compression (top): _____ in/mm
 - ii. Compression (bottom): _____ in/mm
 - iii. Oil: _____ in/mm
- c. Specified piston-to-cylinder clearance: _____ in/mm

2. Inspect the piston surfaces for obvious signs of damage. List your observation(s):

3. Following the specified procedure, carefully measure the diameter, the piston-to-cylinder clearance, and the piston ring groove width (for top compression, bottom compression, and oil rings). List your measurements in the table below.

Piston	#1	#2	#3	#4	#5	#6	#7	#8
Diameter (in/mm)								
Clearance (in/mm)								
Groove width (top) (in/mm)								
Groove width (bottom) (in/mm)								
Groove width (oil) (in/mm)								

4. Are the pistons within specified tolerance? Yes: _____ No: _____

a. Why or why not?

5. Determine any necessary action(s):

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

Performance Rating

CDX Tasksheet Number: C678

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2

3

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Supervisor/instructor signature _____ Date _____