

► TASK Inspect, measure, and install piston rings.

MAST
1C12

CDX Tasksheet Number: C040

Time off _____

Time on _____

Total time _____

1. Research the procedure and specifications for inspecting, measuring, and installing piston rings in the appropriate service information.

a. Specified piston ring end gap

- i. Top compression ring: _____ in/mm
- ii. Bottom compression ring: _____ in/mm
- iii. Oil ring: _____ in/mm

- b. List the markings or ring configuration that determine which side of the ring goes up.

- i. Top compression ring: _____
- ii. Bottom compression ring: _____
- iii. Oil ring: _____

- c. Draw, or print off and attach to this sheet, the specified position of each piston ring gap when installed on the piston:

2. Following the specified procedure, measure the piston ring end gap for each cylinder. List in the table below.

Cylinder	#1	#2	#3	#4	#5	#6	#7	#8
Top compression ring (in/mm)								
Bottom compression ring (in/mm)								
Oil ring (in/mm)								

- a. Do all of the piston ring end gaps meet specifications?

Yes: _____ No: _____

3. If the end gaps meet specifications, install piston rings on each piston. Be sure each ring is placed in the proper ring groove and is installed with the correct side up and in the correct orientation around the piston.

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

CDX Tasksheet Number: C040

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Supervisor/instructor signature _____ Date _____