

▶ TASK Disassemble engine block; clean and prepare components for inspection and reassembly.

MAST
1C2

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C029

1. Research the procedure and specifications for disassembling and inspecting the engine block in the appropriate service information.
 - a. Print off the procedure for disassembling the block and attach it to this sheet.
 - b. **List the specification for crankshaft end play:** _____ **in/mm**

NOTE Make sure the engine stand is rated for the weight of the engine you are mounting on it. Also, use bolts with the proper strength and length. Severe injury could occur if the engine were to fall due to failure of the engine stand or bolts.

2. If not already completed, mount the engine block to an appropriate engine stand. This may require the removal of the flex plate or flywheel.
3. **Following the specified procedure, measure the crankshaft end play:**
_____ **in/mm**
4. Disassemble the engine block assembly following the specified procedure. Be sure to label all parts to identify where they will be reinstalled. As the engine is being disassembled, visually inspect the parts for obvious damage. **List your observation(s):**

NOTE Be very careful not to damage or scratch any aluminum sealing surfaces since doing so could cause a leak. Do not use metal scrapers, wire brushes, or power abrasive disks to clean aluminum or plastic surfaces.

5. Remove any gasket material still stuck to the sealing surfaces with an approved scraper.
6. Clean the parts in a safe and environmentally approved way. This is commonly performed in a hot water spray machine.

7. Visually inspect all parts. **List your observation(s):**

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

Performance Rating

CDX Tasksheet Number: C029

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Supervisor/instructor signature _____ Date _____