Student Tracker

Cylinder Head Disassembly (CHD)

Name: _____

Please complete the following competencies using the proper procedures, service information, and tools. Be prepared to explain to the teacher what you did. After completion of each competency, your teacher will initial next to each number.

Engine: _____

1. Demonstrate how to properly mark and organize cylinder head components and fasteners before initial disassembly. Mark critical components for proper re-assembly and bag/mark fasteners, shims and spacers for proper location.

2. Demonstrate how to properly disassemble cylinder head components from cylinder head (ex: de-torquing in proper sequences).

   Remove the pushrods, rocker arms, springs/keepers, valves, valve seals, etc.

3. Demonstrate how to inspect various cylinder head components and head during disassembly.

   Inspect pushrods, rocker arms, springs/keepers, valves, valve seals, valve seats,

   valve guides, intake/exhaust/valve cover sealing area, etc.

   Describe each component's condition.

4. Demonstrate how to measure various cylinder head components after disassembly.

    Check pushrods and valves for trueness.

    Check valve springs' spring rate.

    Measure pushrod length.

    Measure spring height.