

Cylinder Head Assembly Inspection

Meets NATEF Task: (A1-B-2) Identify and interpret engine concern; determine necessary action. (P-3)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

- _____ 1. Oil the valve stem and install the valve in the head.
- _____ 2. Install the retainer or rotator on the stem along with the locks (keeper) and pull them up tight.
- _____ 3. Measure the installed height from the spring seat to the underside of the retainer or rotator.

Check service information and determine installed height specification _____

Record the actual installed height for each valve:

Left head intakes _____

Left head exhaust _____

Right head intakes _____

Right head exhaust _____

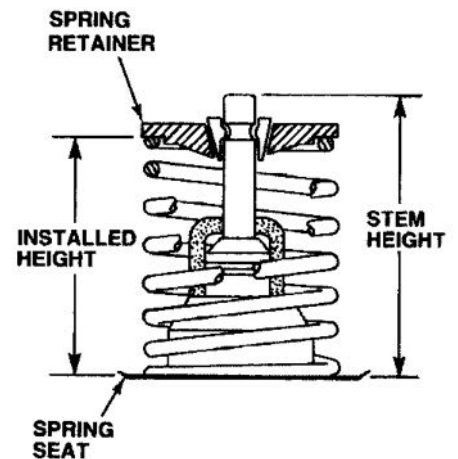
- _____ 4. Record the thickness of the inserts (shims) required to restore the correct installed height (necessary action):

Left head intakes _____

Left head exhaust _____

Right head intakes _____

Right head exhaust _____



- _____ 5. Check service information and determine the specified valve stem height. _____

- _____ 6. Record the valve stem height.

Left head intakes _____

Left head exhaust _____

Right head intakes _____

Right head exhaust _____

- _____ 7. What is the necessary action? _____