

Valve Guide Specifications and Measurement

Meets NATEF Task: (A1-B-5) Inspect valve guides for wear, check valve stem-to-guide clearance; determine necessary action. (P-3)

Name _____ Date _____ Time on Task _____

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

_____ 1. Specification for valve guide bore diameter: _____

_____ 2. Specification for maximum valve guide wear: _____

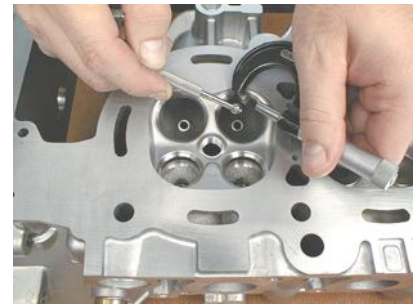
_____ 3. Use a small hole (split-ball) gauge and a 0-1" micrometer to measure the valve guide at three locations.

Top of the guide: _____

Middle of the guide: _____

Bottom of the guide: _____

OK ____ NOT OK ____



_____ 4. If the valve guides are worn beyond factory limits, select the replacement type.

_____ ream and install oversize (OS) valves

_____ thin wall bronze

_____ cast iron

_____ powdered metal (PM)

_____ other (describe): _____

_____ 5. What is the necessary action? _____
