

Pontiac Wave 2004-2006 Workshop Manual



Fig. 1: Upper End
Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 1

Callout	Component Name
01	Bolt
02	Cap - Bolt
03	Valve Guide
04	Cylinder Head Bolt
05	Camshaft
06	Camshaft Support
07	Bolt
08	Camshaft Pressure Plate
09	Camshaft
10	Roller Follower
11	Roller Follower Lifter



Fig. 62: Measuring Valve Guide Diameter Using KM-571-B
Courtesy of GENERAL MOTORS CORP.

CAUTION: Refer to Safety Glasses Caution in Cautions and Notices.

Measure the diameter of the valve guide using the KM-571-B and a commercially available inside micrometer.

IMPORTANT: Valve oversizes may already have been fitted in production.

An oversize code is on the valve guide and the valve stem end. The Valve Guide Reaming Table gives the correct size, reamer, and production code for each service code. Refer to **Engine Mechanical Specifications**.

Ream the valve guide from the upper side of the cylinder head to the next oversize. After reaming, cross out the code and emboss the valve guide with the new code.

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Rik Paul,John Harold Haynes

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