

Drive in the guide to the specified depth from the top of the cylinder head.

SPECIFIED DEPTH:

IN/EX: 16.3–16.5 mm (0.64–0.65 in)

TOOL:

Valve guide driver, 5 mm 07942-MA600000

Let the cylinder head cool to room temperature.

Ream the new valve guide after installation. Insert the reamer from the combustion chamber side of the head and also always rotate the reamer clockwise.

TOOL:

Valve guide reamer 07984-MA60001

NOTE:

Use cutting oil on the reamer during this operation.

Clean the cylinder head thoroughly to remove any metal particles.

Reface the valve seat (see next page).

VALVE SEAT INSPECTION/REFACING

Clean the intake and exhaust valves thoroughly to remove carbon deposits.

Apply a light coating of Prussian Blue to the valve seats.

Lap the valves and seats using a rubber hose or other hand-lapping tool.

Remove and inspect the valves.

CAUTION:

The valves cannot be ground. If a valve face is burned or badly worn or if it contacts the seat unevenly, replace the valve.

Inspect the width of each valve seat.

STANDARD: 0.90–1.10 mm (0.035–0.043 in)

SERVICE LIMIT: 1.5 mm (0.06 in)

If the seat is too wide, too narrow or has low spots, the seat must be ground.

