

SPECIFIED DEPTH:

IN: 16.1 – 16.4 mm (0.63 – 0.65 in)
EX: 15.5 – 15.8 mm (0.61 – 0.62 in)

Let the cylinder head cool to room temperature.

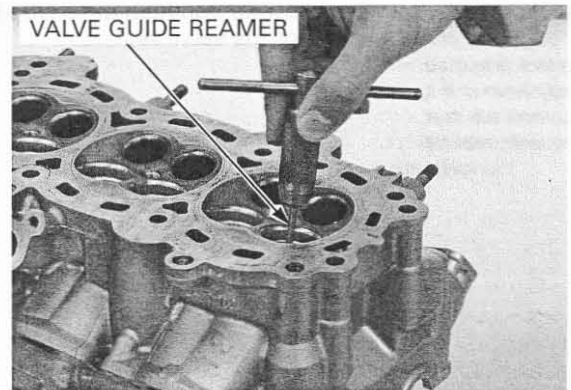
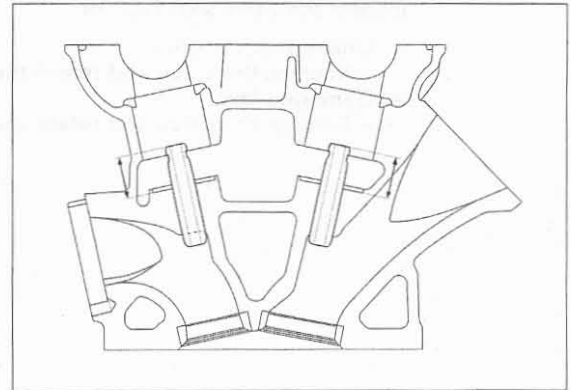
Use cutting oil on the reamer during this operation.

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

TOOL:

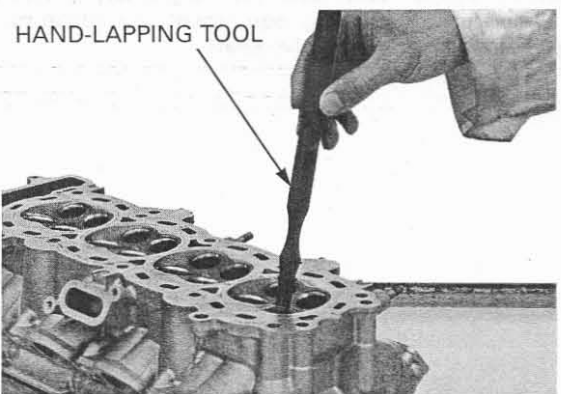
Valve guide reamer, 4.00 mm 07MMH-MV90100

Clean the cylinder head thoroughly to remove any metal particles.
 Reface the valve seat (page 9-20).



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



Remove the valve and inspect the valve seat face. The valve seat contact should be within the specified width and even all around the circumference.

STANDARD:

IN: 0.90 – 1.10 mm (0.035 – 0.043 in)
EX: 0.90 – 1.10 mm (0.035 – 0.043 in)

SERVICE LIMIT:

IN: 1.5 mm (0.06 in)
EX: 1.5 mm (0.06 in)

If the seat width is not within specification, reface the valve seat (page 9-20).

