

VALVE GUIDE REPLACEMENT

Chill the replacement valve guides in the freezer section of a refrigerator for about an hour.
Heat the cylinder head to 100 – 150°C (212 – 300°F) with a hot plate or oven.

NOTICE

Do not use a torch to heat the cylinder head; it may cause warping.

Support the cylinder head and drive out the valve guides from the combustion chamber side of the cylinder head.

TOOL:

Valve guide driver 07HMD-ML00101

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

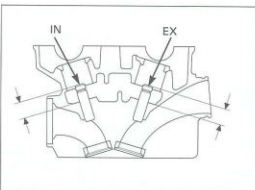
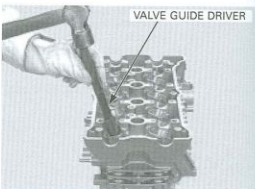
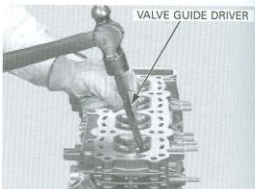
TOOL:

Valve guide driver 07743-0020000

SPECIFIED DEPTH:

IN: 14.5 – 14.7 mm (0.57 – 0.58 in)

EX: 14.8 – 15.0 mm (0.58 – 0.59 in)



Use cutting oil on the reamer during this operation.

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 always rotate the reamer clockwise.

TOOL:

Valve guide reamer, 4.508 mm 07HMH-ML00101

Clean the cylinder head thoroughly to remove any metal particles.

Reface the valve seat (see following steps).

