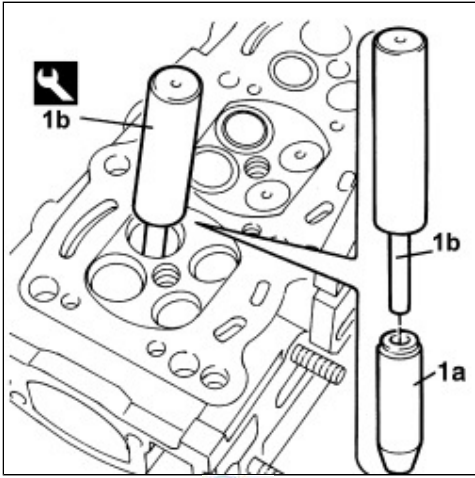
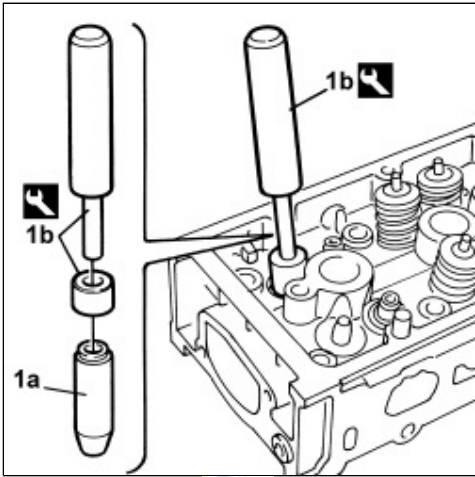




 Removing ([Refitting](#) )

1. Remove the valve guides (1a) using the tool (1b).

Tool	Description	Function	Validity
1860994000	Extractor	Extracting/fitting valve guides	1.4 Turbo Petrol



 Refitting ([Removing](#) )

- Measure the valve guide bore and check that it is within the prescribed values.

Size	Value	Validity
Valve guide seat diameter (mm)	9.959 ÷ 9.981	1.4 Turbo Petrol

- If necessary, ream the valve seat.

- Check the measurement of the new valve guide.

- Make a note of the measurement of the valve seat after reaming.

- Valve guides are available as spares with the following diameters.

Size	Value	Validity
Valve guide inner diameter (mm)	10.010 ÷ 10.030	1.4 Turbo Petrol
Size	Value	Validity
Valve guide outer diameter oversize (mm)	0.05 - 0.10 - 0.25	1.4 Turbo Petrol

- The interference between the valve guide and the seat in the cylinder head is as follows.

Size	Value	Validity
Interference between valve guides and valve guide seats (mm)	0.029 ÷ 0.071	1.4 Turbo Petrol

- Before fitting the new valve guides the cylinder head must be heated to a temperature of around 100°C.

1. Fit the new valve guides (1a) using the tools (1b).

Tool	Description	Function	Validity
1860994000	Extractor	Extracting/fitting valve guides	1.4 Turbo Petrol

Tool	Description	Function	Validity
2000024700	Extractor/ fitting tool	Extracting/fitting valve guides	1.4 Turbo Petrol

- If the valve guides have become slightly distorted during fitting, ream the inner surface using a suitable sized diameter reamer.

- Measure the valve guide inner diameter after refacing and check the clearance with the valve; check that it is within the prescribed values.

Size	Value	Validity
Valve guide inner diameter (mm)	6.022 ÷ 6.040	1.4 Turbo Petrol
Size	Value	Validity
Intake valve/valve guide clearance (mm)	0.022 ÷ 0.058	1.4 Turbo Petrol
Size	Value	Validity
Exhaust valve/valve guide clearance (mm)	0.030 ÷ 0.066	1.4 Turbo Petrol