

VALVE GEAR – Petrol

Remove and refit

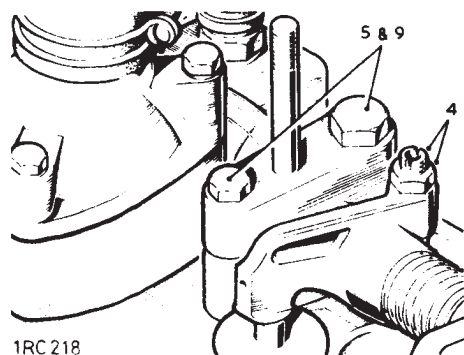
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Removing

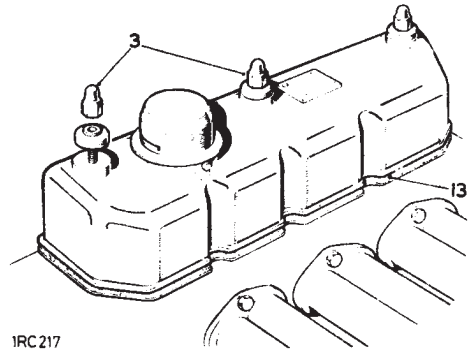
- 1 Remove the bonnet. 76.16.01.
- 2 Remove the air cleaner. 19.10.04.
- 3 Remove the engine top cover.
- 4 Slacken locknuts and turn tappet adjusting screws to disengage from push rods.
- 5 Remove fixings from rocker shaft support brackets. Do not remove shaft assembly at this stage.
- 6 Withdraw the rocker shaft assembly complete, using the engine top cover secured inverted to the rocker bracket studs to retain the assembly.
- 7 Withdraw the tappet push rods and retain them in numbered sequence related to the tappet served.

Refitting

- 8 Fit the tappet push rods to their original bores. Ensure that the bottom end of the push rods locate in the spherical tappet seats.
- 9 Refit the rocker shaft assembly, located by spigots. Torque: 1/2 in. UNF bolts: 8,9 kgf. m (65 lbf. ft.). 5/16 in. UNF bolts: 2,4 kgf. m (18 lbf. ft.).

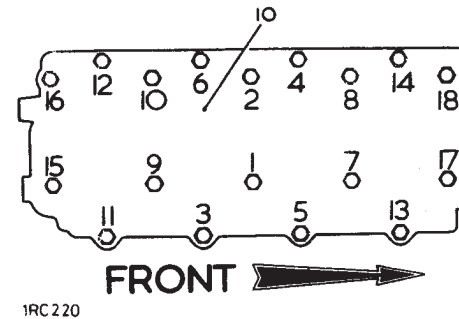


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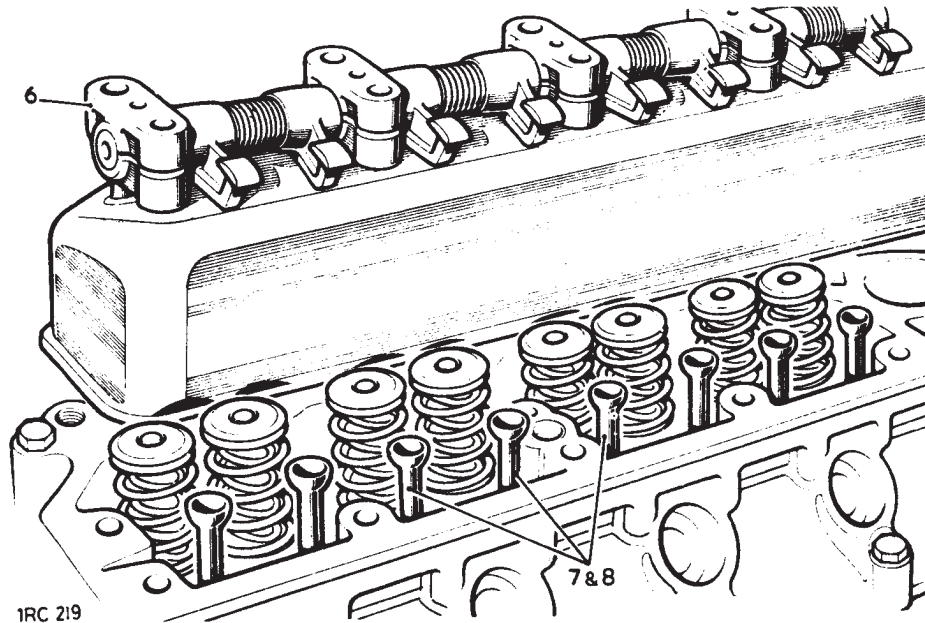
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- 10 Check tighten all 1/2 in UNF cylinder head fixings in the order shown. Torque: 8,9 kgf. m (65 lbf. ft.).

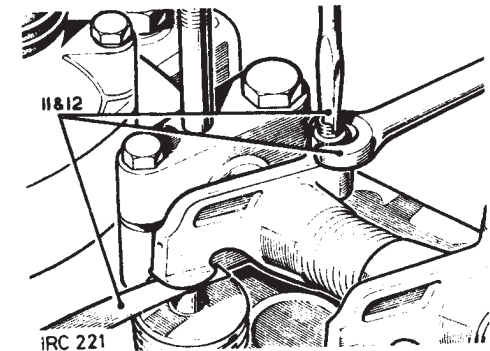


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- 11 Set the tappet clearances to 0,25 mm (0.010 in.) for all valves, as follows:
Set No. 1 tappet with No. 8 valve fully open.
Set No. 3 tappet with No. 6 valve fully open.
Set No. 5 tappet with No. 4 valve fully open.
Set No. 2 tappet with No. 7 valve fully open.
Set No. 8 tappet with No. 1 valve fully open.
Set No. 6 tappet with No. 3 valve fully open.
Set No. 4 tappet with No. 5 valve fully open.
Set No. 7 tappet with No. 2 valve fully open.
- 12 Recheck the tappet clearances with the locknuts tightened, and readjust if necessary.
- 13 Place the joint washer for the engine top cover in position.
- 14 Reverse 1 to 3.



1RC219



1RC221

DATA

Tappet clearance

0,25 mm (0.010 in.) inlet and exhaust.