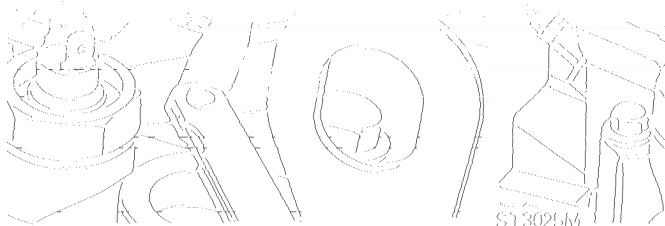
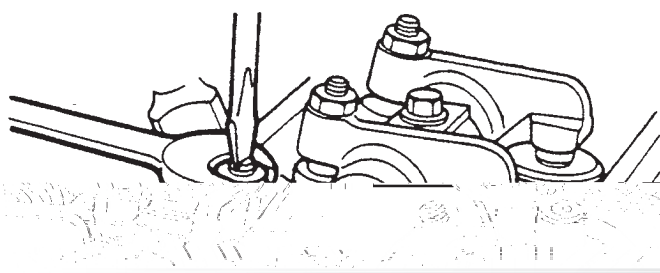


Adjust tappet clearances

WARNING If the crankshaft is rotated with excessive valve clearances, it is possible that the push rods may become dislodged from the tappet seating and fracture the tappet slide.

To prevent damage, eliminate all clearance from any loose rockers before tuning the crankshaft to adjust clearances.

1. Turn the engine over until number eight valve (counting from front of engine) is fully open.
2. Using a 0,20 mm (0.008 in) feeler gauge adjust the clearance of number one valve.



Continue to adjust the remaining tappets in the following sequence:

- 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.

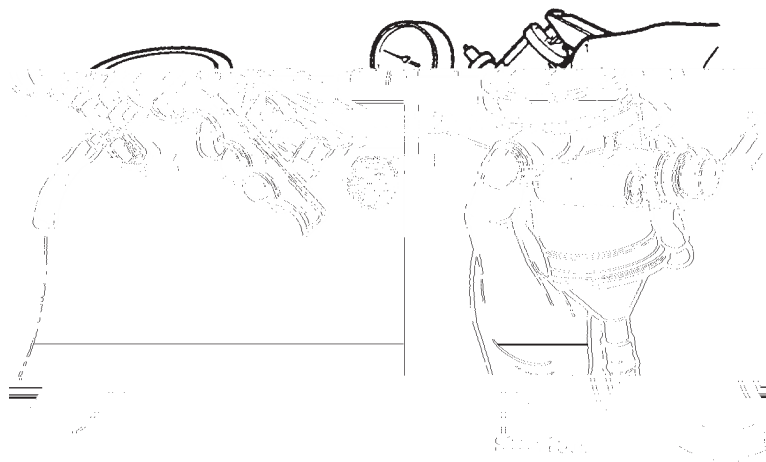
Rocker cover and crankcase ventilator

1. If necessary release the single bolt and remove the oil separator ventilation valve unit, from the side of the rocker cover and thoroughly clean.

Its function is to separate the oil from the crankcase ventilation atmosphere, allowing the oil to return to the sump and the residues to be drawn into the combustion chamber where they are burned. The unit also contains a diaphragm valve which controls the purge rate of the crankcase fumes. The operation of the valve may be tested as follows.

Test procedure crankcase ventilator

2. With the unit removed from the rocker cover seal off the two ports illustrated and apply a vacuum to the third port. As the vacuum pump is operated the diaphragm valve will be heard to seat. While holding the vacuum unseal either of the other two ports and the diaphragm valve will release.
3. Failure of the diaphragm valve to seat during test, indicates that the diaphragm is punctured and the unit should be renewed.
4. Refit the unit using a new rubber "O" ring.



Fitting rocker cover

5. Apply a continuous bead of RTV Hylosil which starts and finishes 10 mm each side of the half moon grooves at both ends of the rocker shaft and press the seals into position.
6. Locate a new seal in the rocker cover and fit the cover to the cylinder head securing with the three special bolts and conical washers. Tighten the bolts evenly to the correct torque and reconnect the ventilation hoses.