

9.020 Adjusting ignition point with engine stationary

Before the ignition point can be accurately set it is essential that the distributor points be in good condition and the gap correctly adjusted.

Tools:

Open-ended spanners SW 7, SW 10 (2), screwdriver, feeler gauge, ring spanner SW 7, test lamp.

1. Take off distributor cap and remove rotor arm.
2. Turn engine in normal direction of rotation until the contact breaker arm is fully open.
3. Check contact breaker gap.

The contact breaker gap should measure 0.4 mm (0.0157).

Warning: If material creep is excessive both contacts – arm and anvil – must be renewed together.

4. Loosen nut (1) (SW 7 ring and open-ended spanners) and pull cable (2) out upwards.
5. Remove hairpin securing clip (3) and washer (4).
6. Press out spring plate (5) on anvil (6) and withdraw arm.

Fig. 9

7. Loosen anvil locking screw (7) (screwdriver).
8. Remove anvil (6).
9. Refit in the reverse sequence.
10. Loosen locking screw (7) (screwdriver).
11. Adjust points gap to the correct value of 0.4 mm (0.0157") (feeler gauge) by inserting a screwdriver blade (S) between the two small projections (A, B) and the slot in the anvil baseplate (C) and turning.

Fig. 10

Warning: Adjust ignition point with engine stationary and cold or at a maximum temperature of 35° C (95°).

12. Position No. 1 cylinder at 3° bTDC (1st notch) or TDC*.
 - a) The pointer on the gear case cover should point to the notch on the belt pulley, reading off in the direction of rotation.

Fig. 12a

- b) The notch on the distributor rotor should coincide approximately with the marking cut into the distributor body.

Fig. 12b

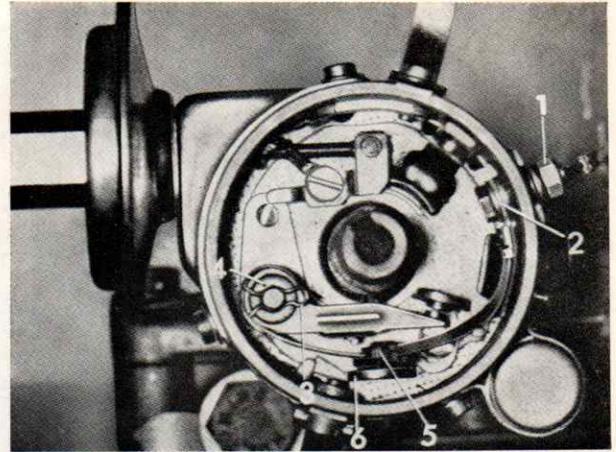
13. Connect a 6-Volt test lamp between terminal 1 and earth.
14. Switch on ignition.

Warning: The contacts should just have separated. The test lamp will be illuminated.

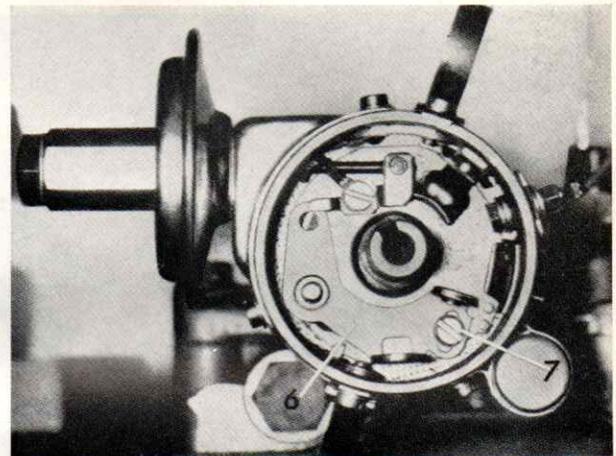
Checking: Turn the crankshaft through approximately 45° ant-clockwise. The test lamp will go out. Turn the crankshaft back again clockwise. The test lamp should be illuminated at the moment when the pointer on the gear case cover is opposite the appropriate notch in the belt pulley, seen in the direction of rotation.

15. To adjust, if necessary, loosen the clamping screw on the distributor flange (open-ended spanners SW 10 [2]) and rotate the distributor as required.

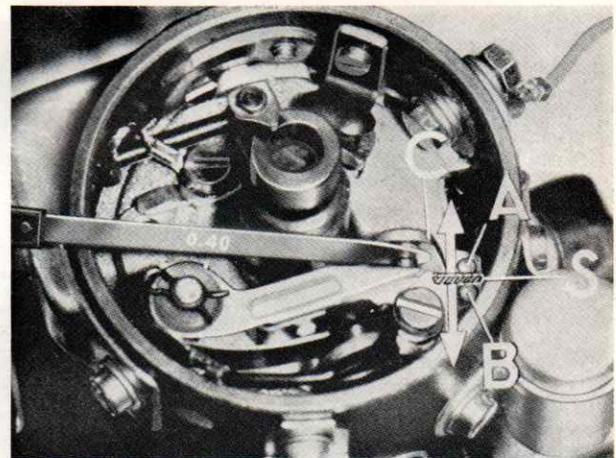
* 1800 TISA/2000 TI/2000 CS = 2nd notch (on both flanges of pulley).



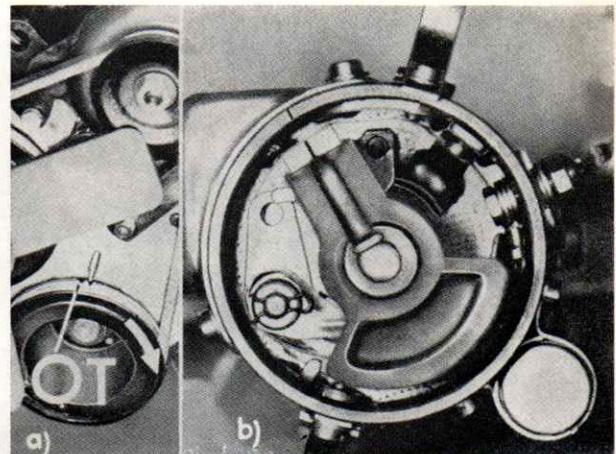
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