

STATION 1

Drawing	6 main parts x 1	(6 marks)
Labelling	4 parts x ½	(2 marks)
Proportional		(1 mark)
Cross sectional		(1 mark)
	TOTAL	10 marks

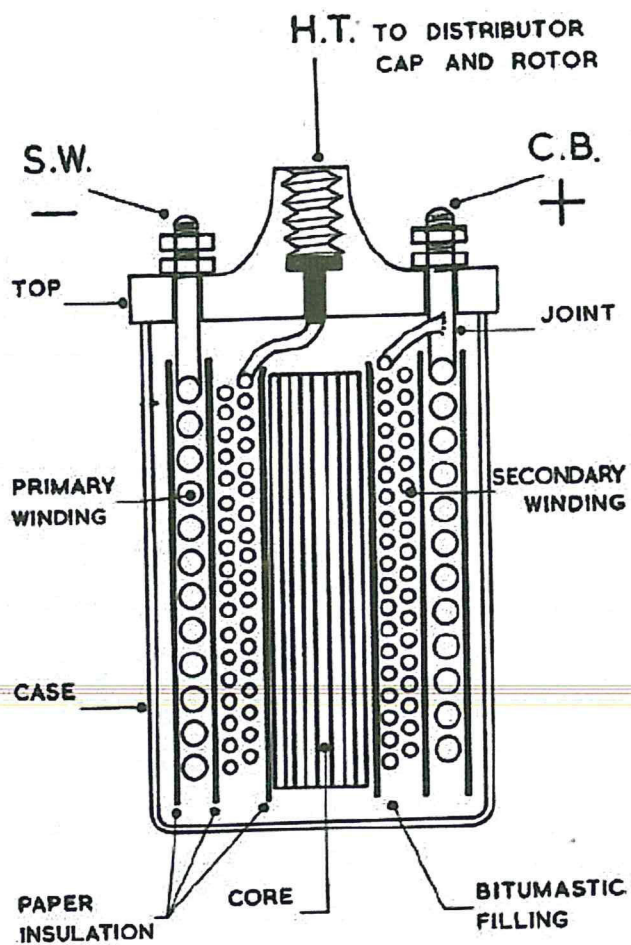


Fig. Ignition coil

STATION 3

PART	NAME	DEFECT	CAUSE
A	Engine oil fitter	Worn out	Long use
B	Valve spring	Distorted	Long use
C	Sump guard gasket	Worn out	Long use
D	Headlight bulb	Dim defect	Short circuiting
E	Sparking plug	Oiled	Leaking lubrication
	$\frac{1}{2} \times 5 = 2 \frac{1}{2}$	$\frac{1}{2} \times 5 = 2 \frac{1}{2}$	1×5

STATION 9

ITEM	NAME	USE
I	Piston ring compressor	To compress piston rings when assembly - 3
J	Flywheel puller	To extract the flywheel
K	Stud extractors	Removes broken studs or bolts
L	Multimeter	Measuring voltage, current, resistance
M	Wire gap gauge	Checking sparking plug gaps
N	Needle nose pliers (swipe-nose)	Removing or inserting small springs, caps washers, wires
O	Ratchet handle	Used in conjunction with spanner sockets to open/loosen nuts/bolts in one direction.
P	Allen key	To tighten or loosen Allen screws
Q	Cape chisel	Cut metal part usually hammer force
R	Odd leg calipers	For scribing lines parallel to an edge
	$(\frac{1}{2} \times 10)$	$(\frac{1}{2} \times 10)$