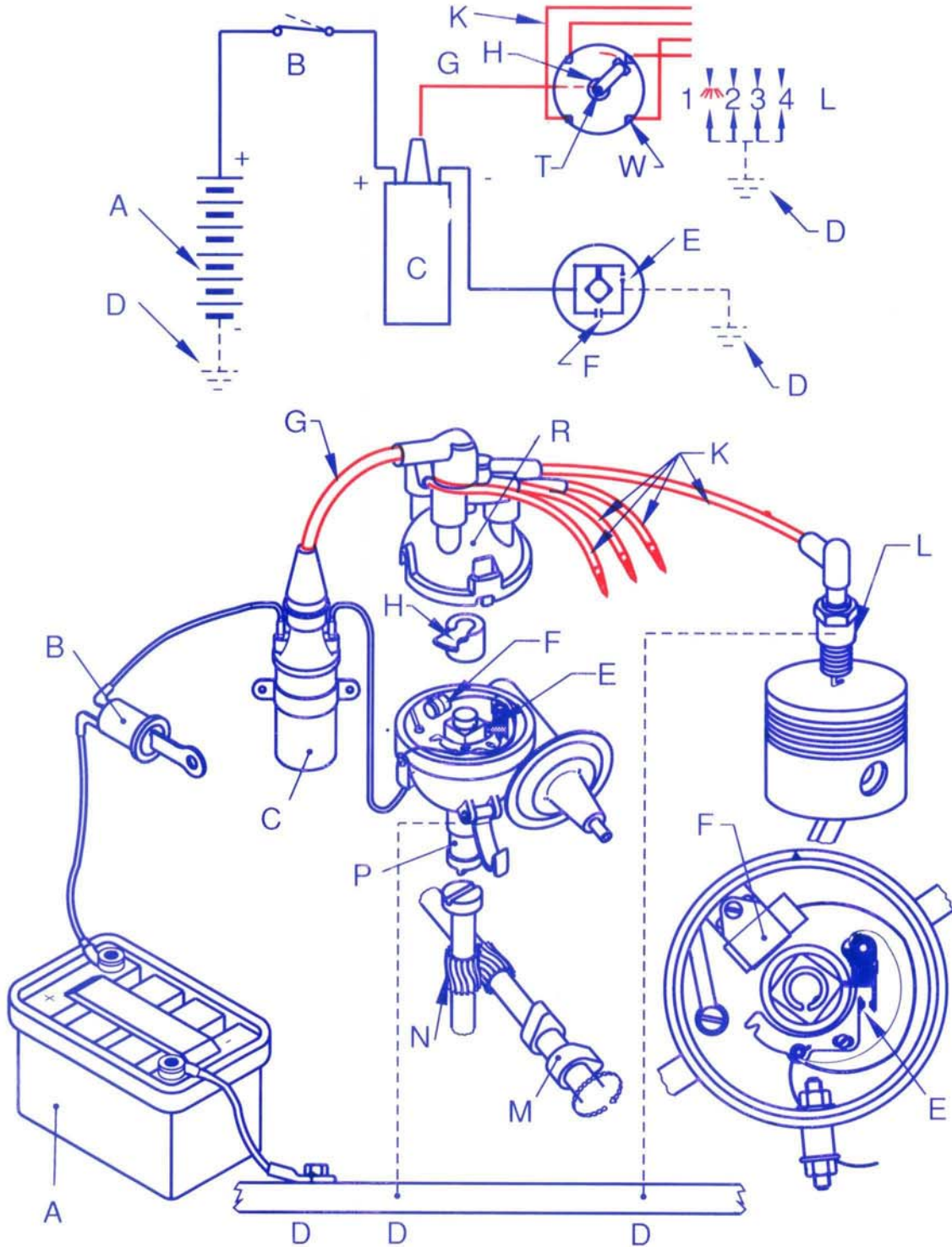




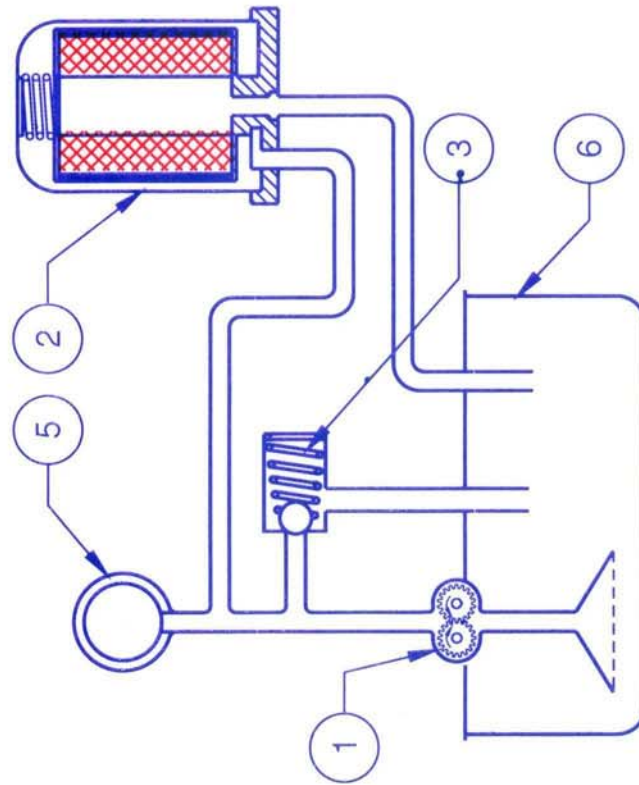
IGNITION SYSTEM



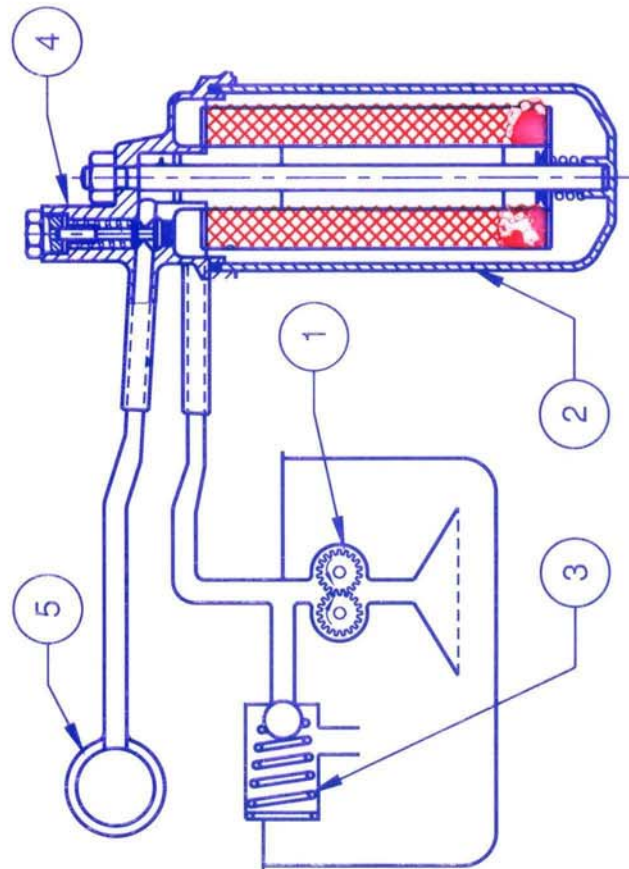
FILING ORDER 1-3-4-2



LUBRICATION SYSTEM (FULL FLOW AND BY PASS FLOW OIL FILTER)



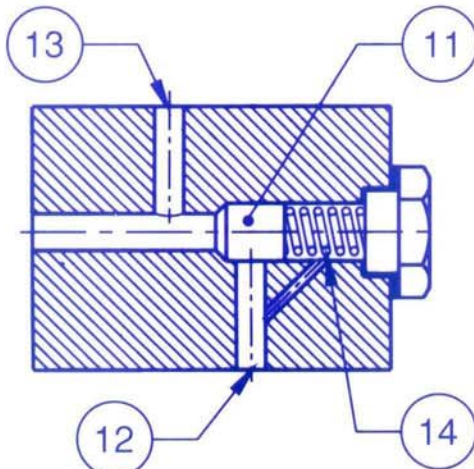
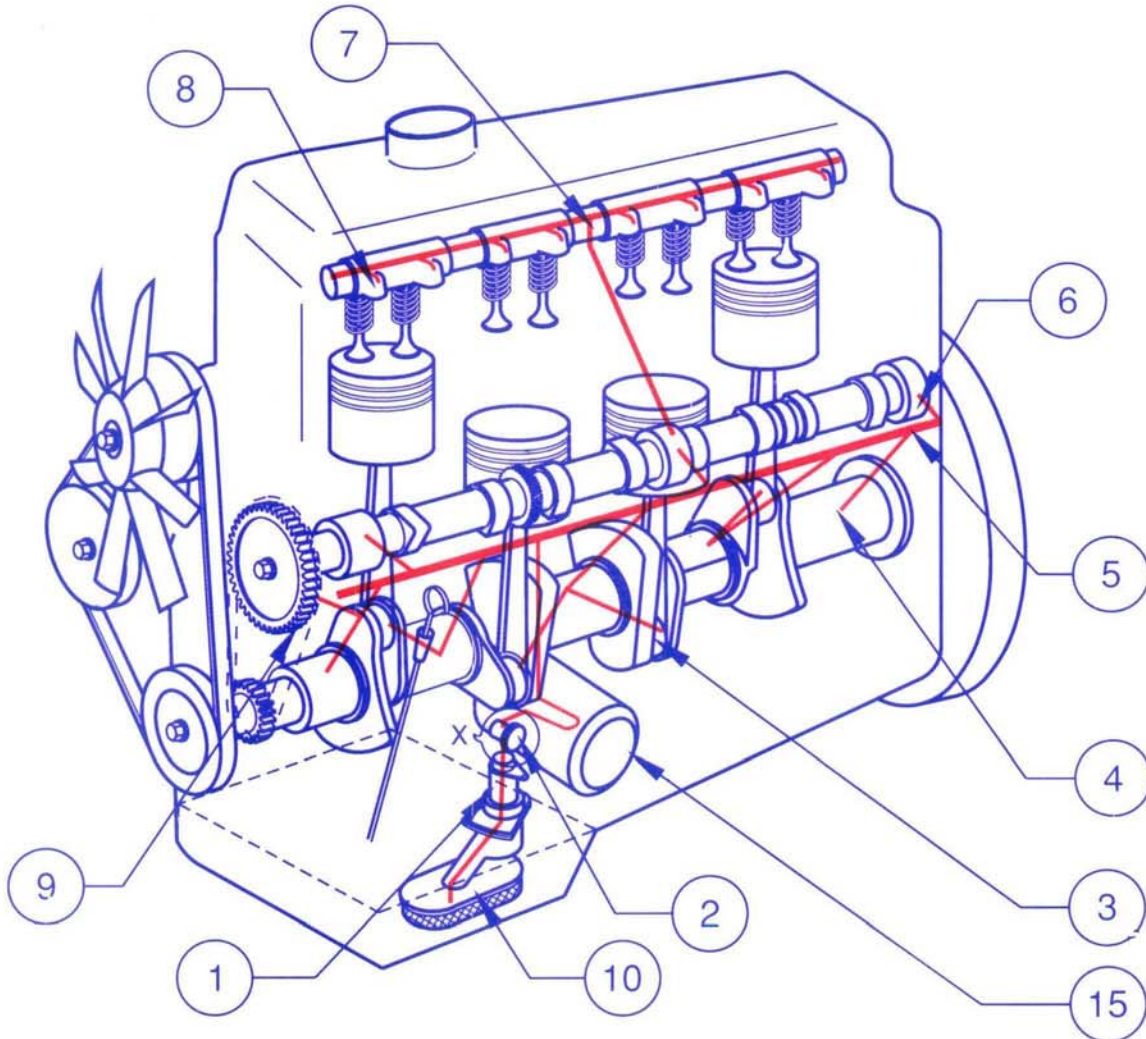
TYPE _____
FUNCTION _____



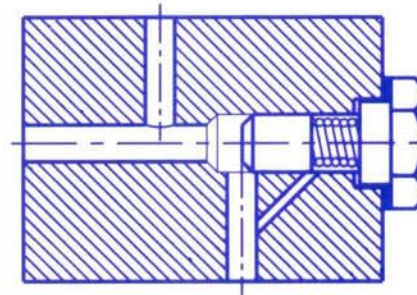
TYPE _____
FUNCTION _____



LUBRICATION SYSTEM (ENGINE OIL CIRCULATION)



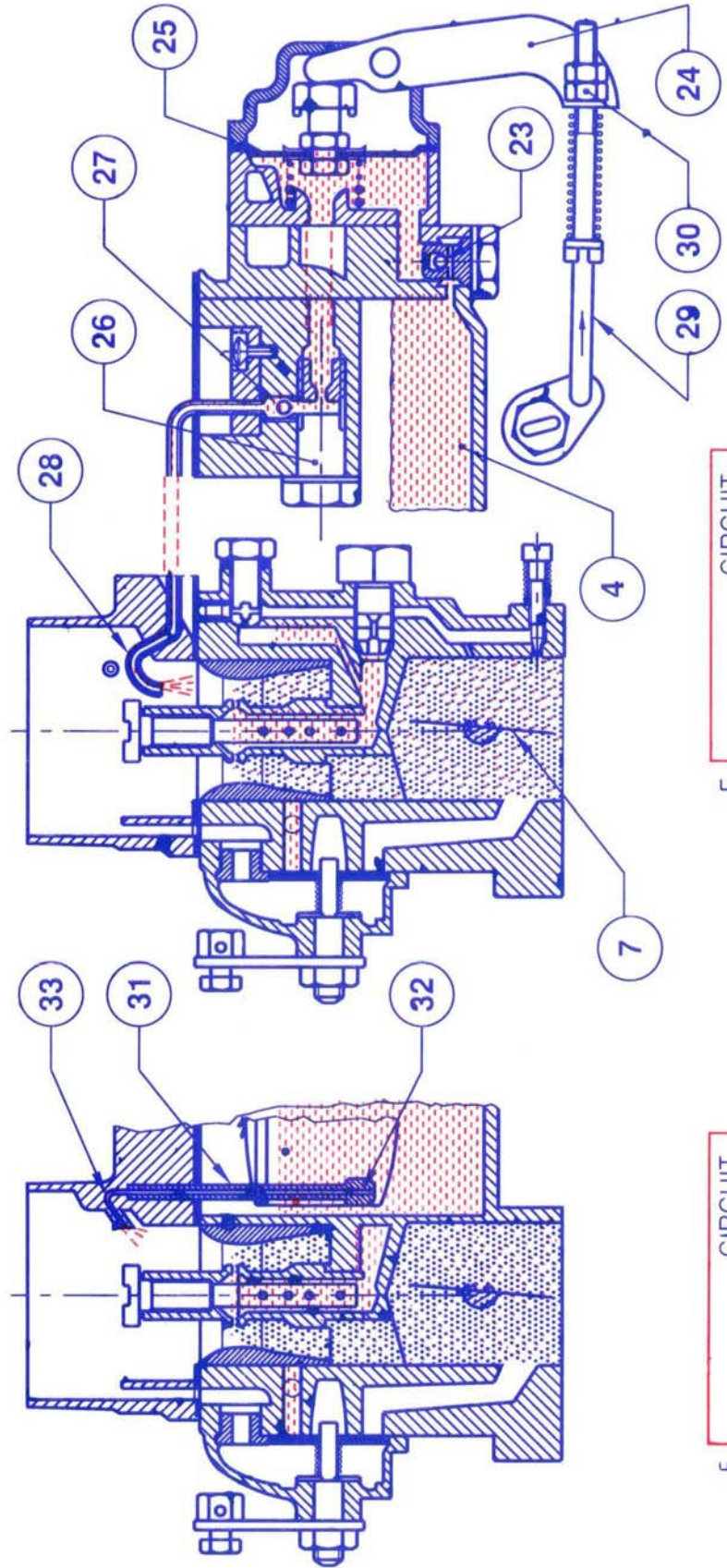
DETAIL - X-A



DETAIL - X-B

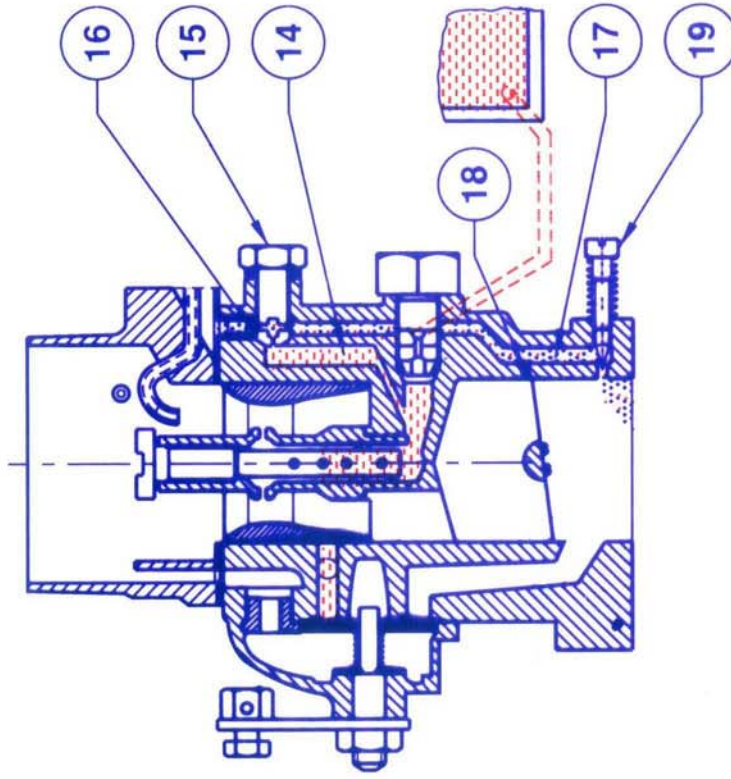


PUMP AND ECONOSTAT CIRCUIT

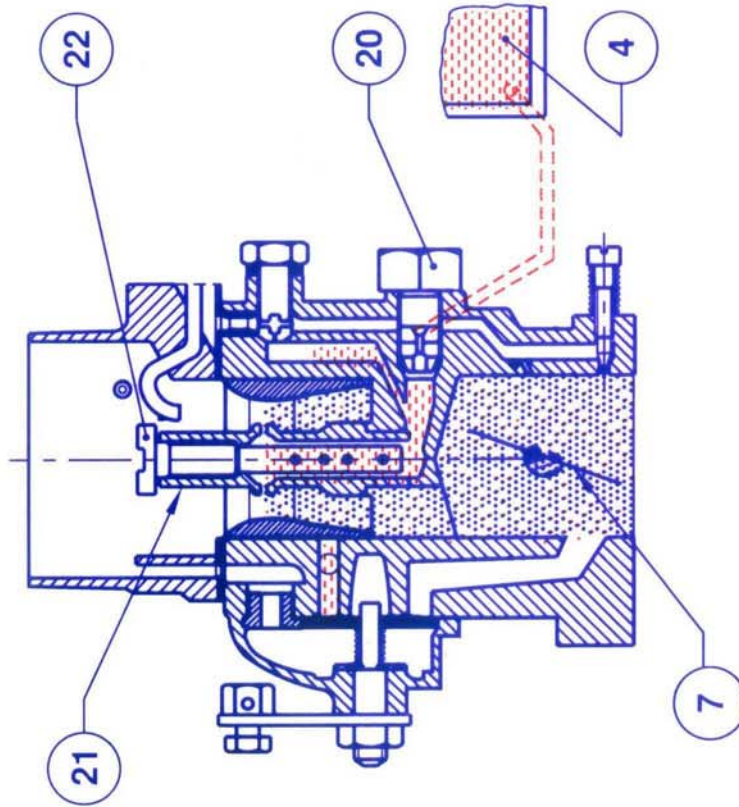




IDLING AND MAIN CIRCUIT



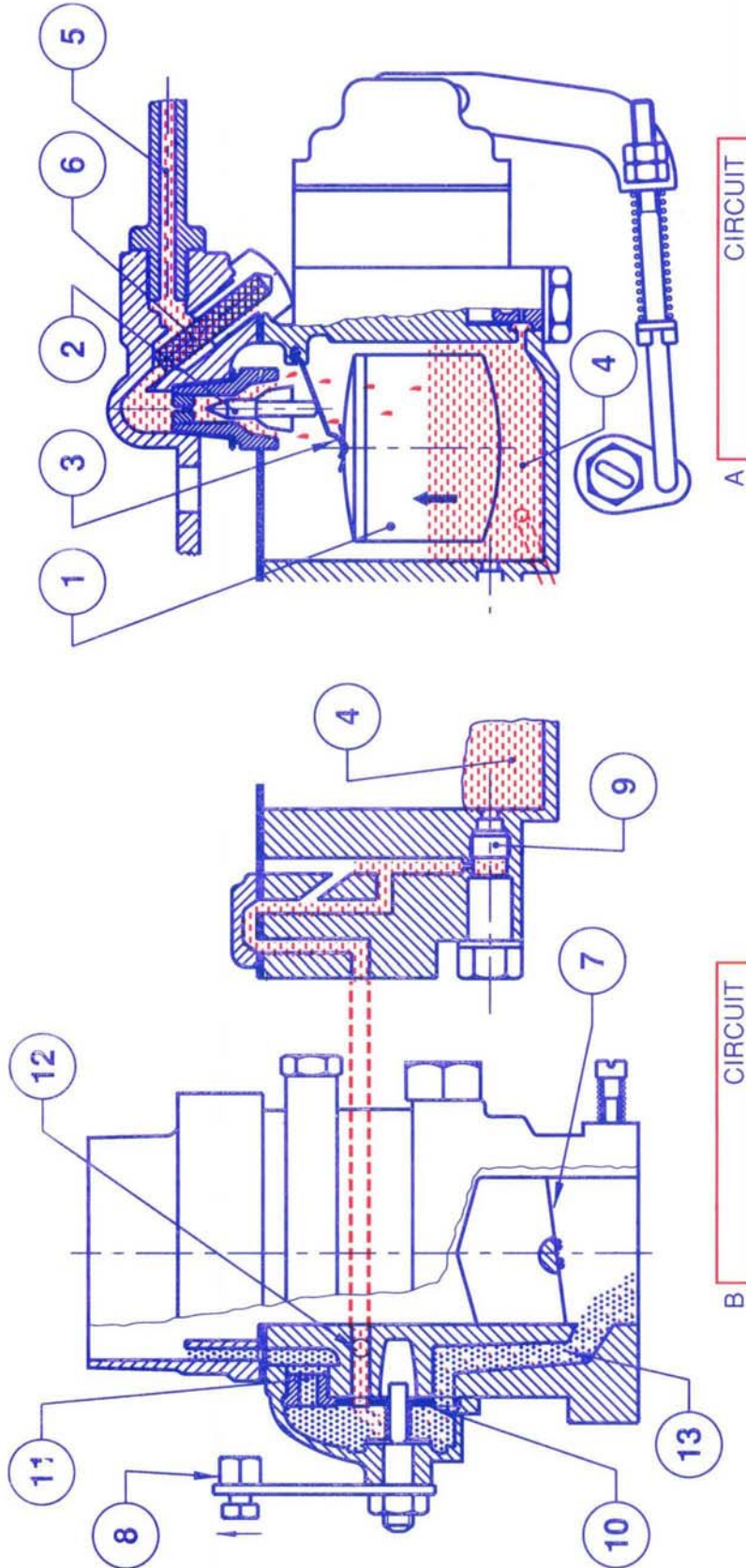
C CIRCUIT



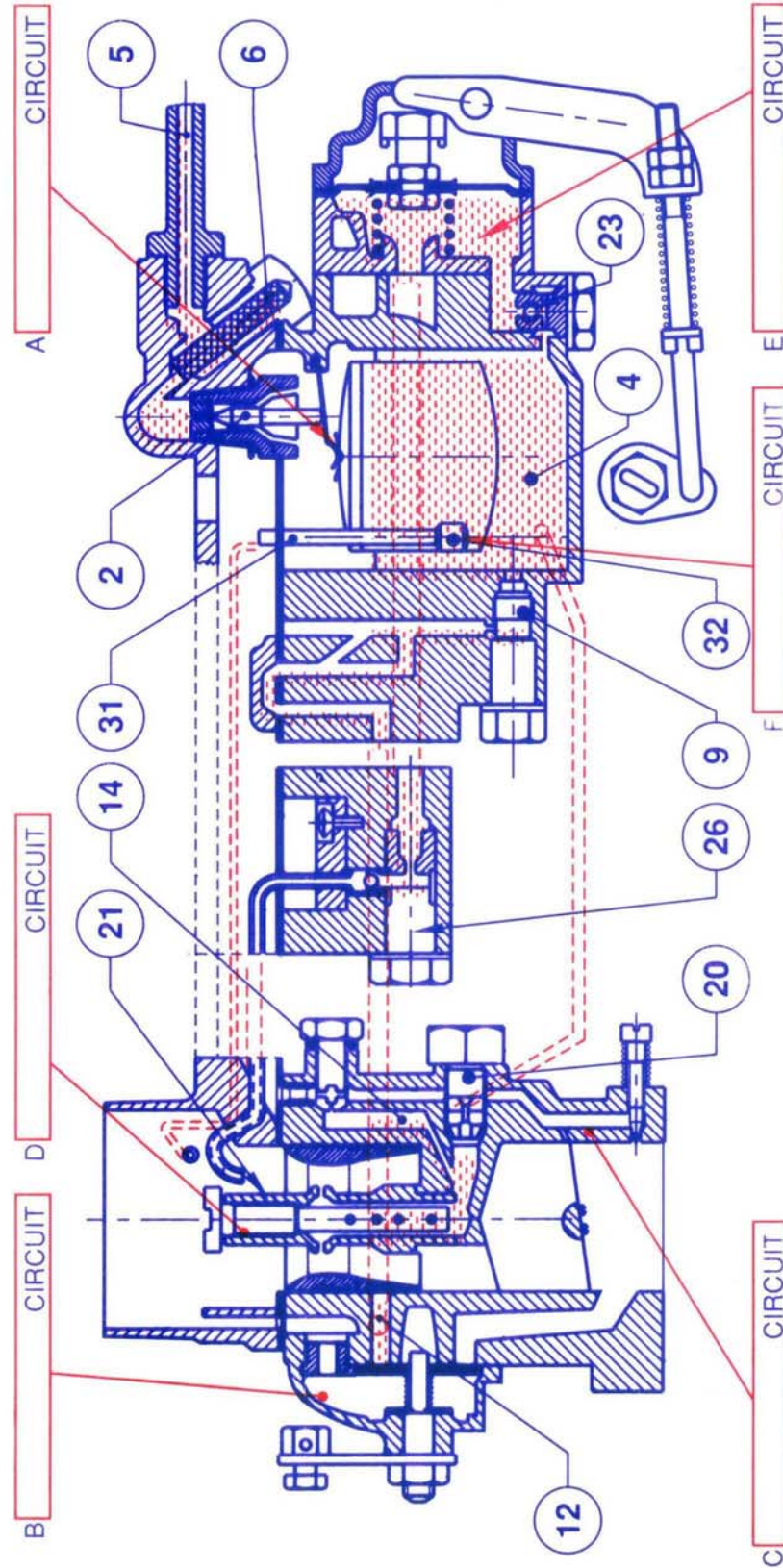
D CIRCUIT



FLOAT AND STARTING CIRCUIT

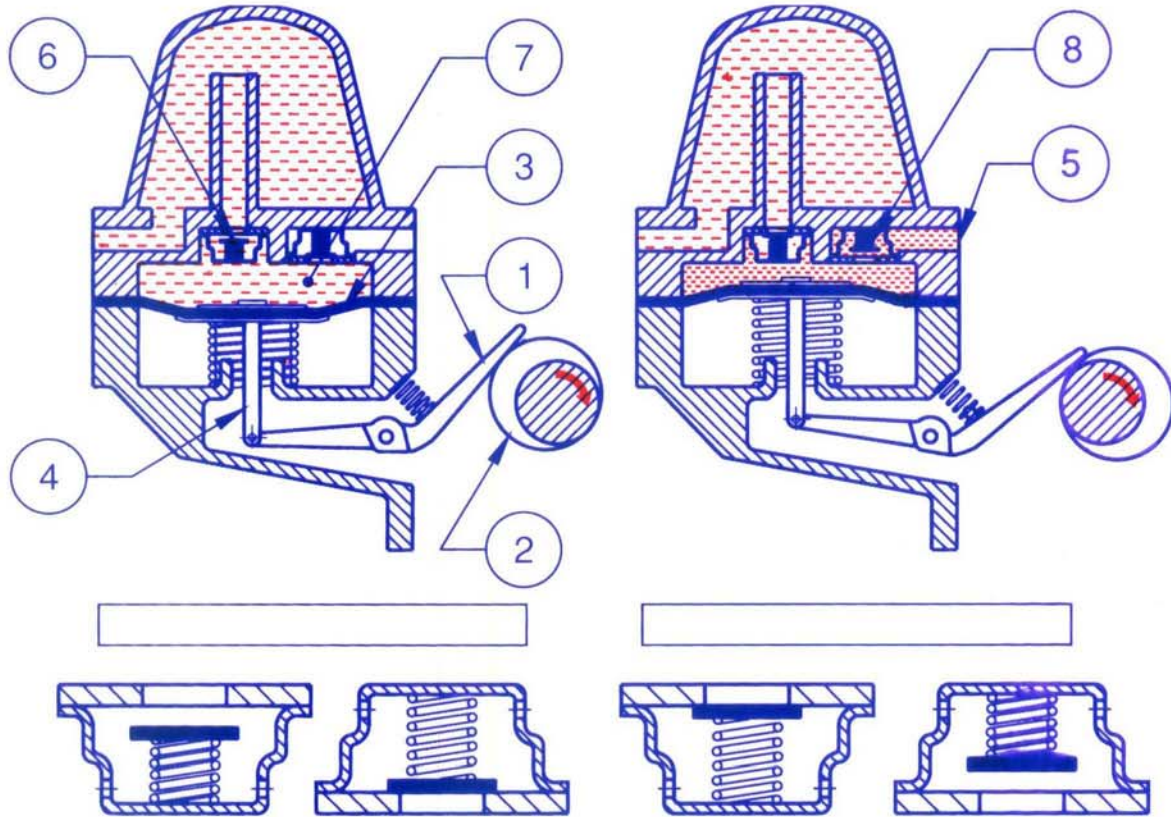


CARBURETTOR FUNCTION





FUEL PUMP OPERATION

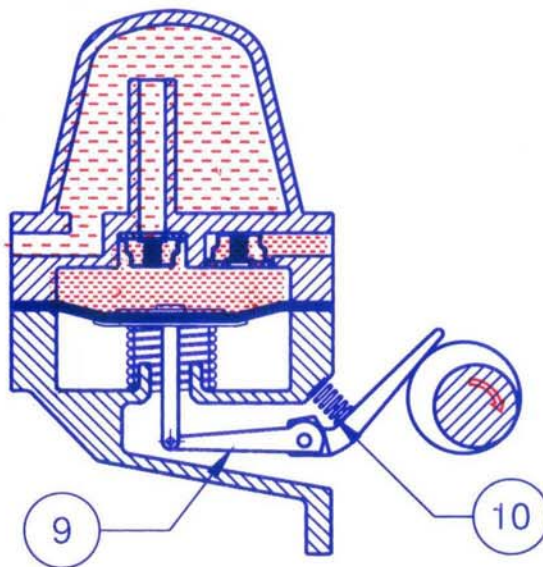


DETAILS: 6

8

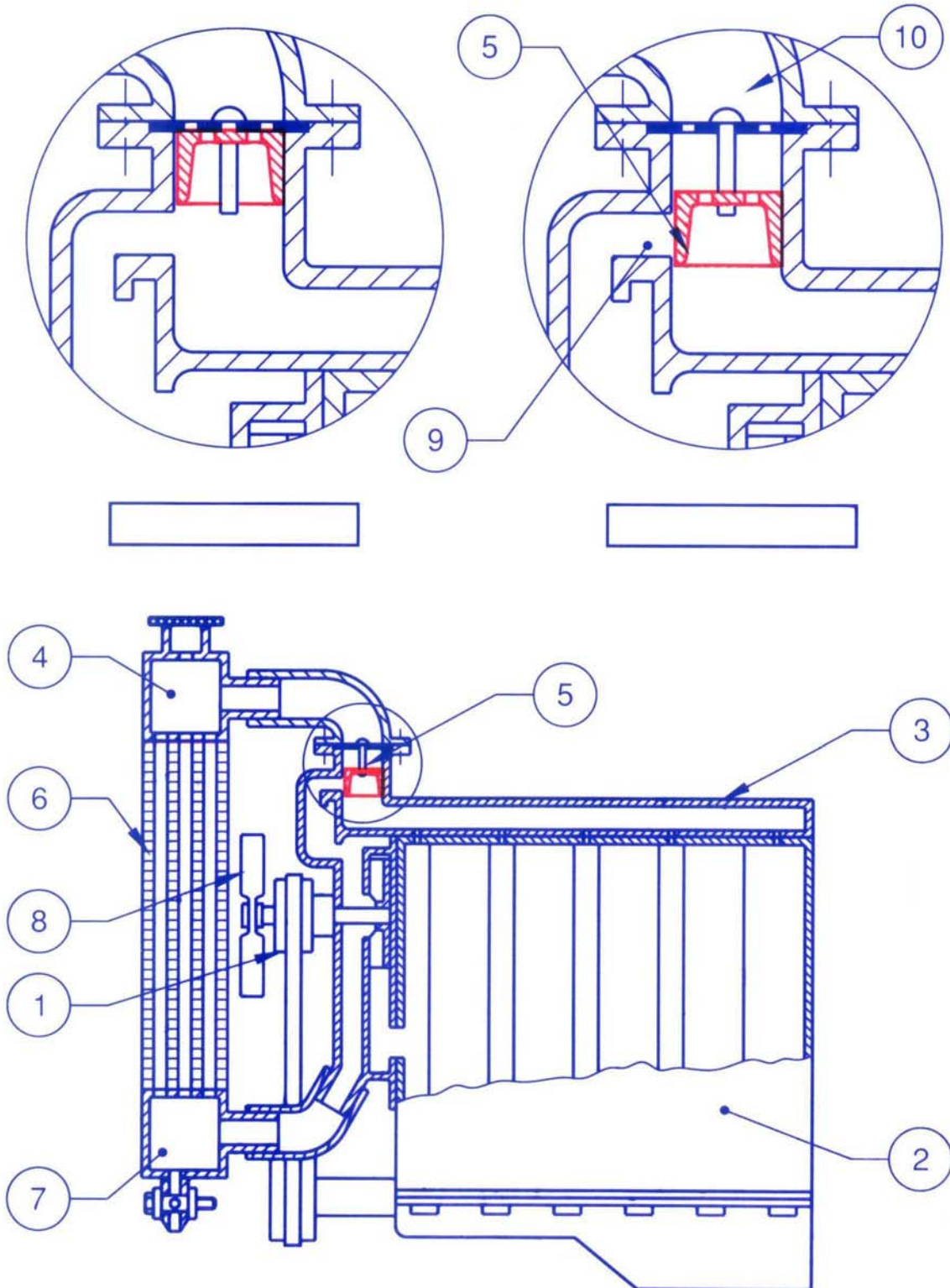
6

8



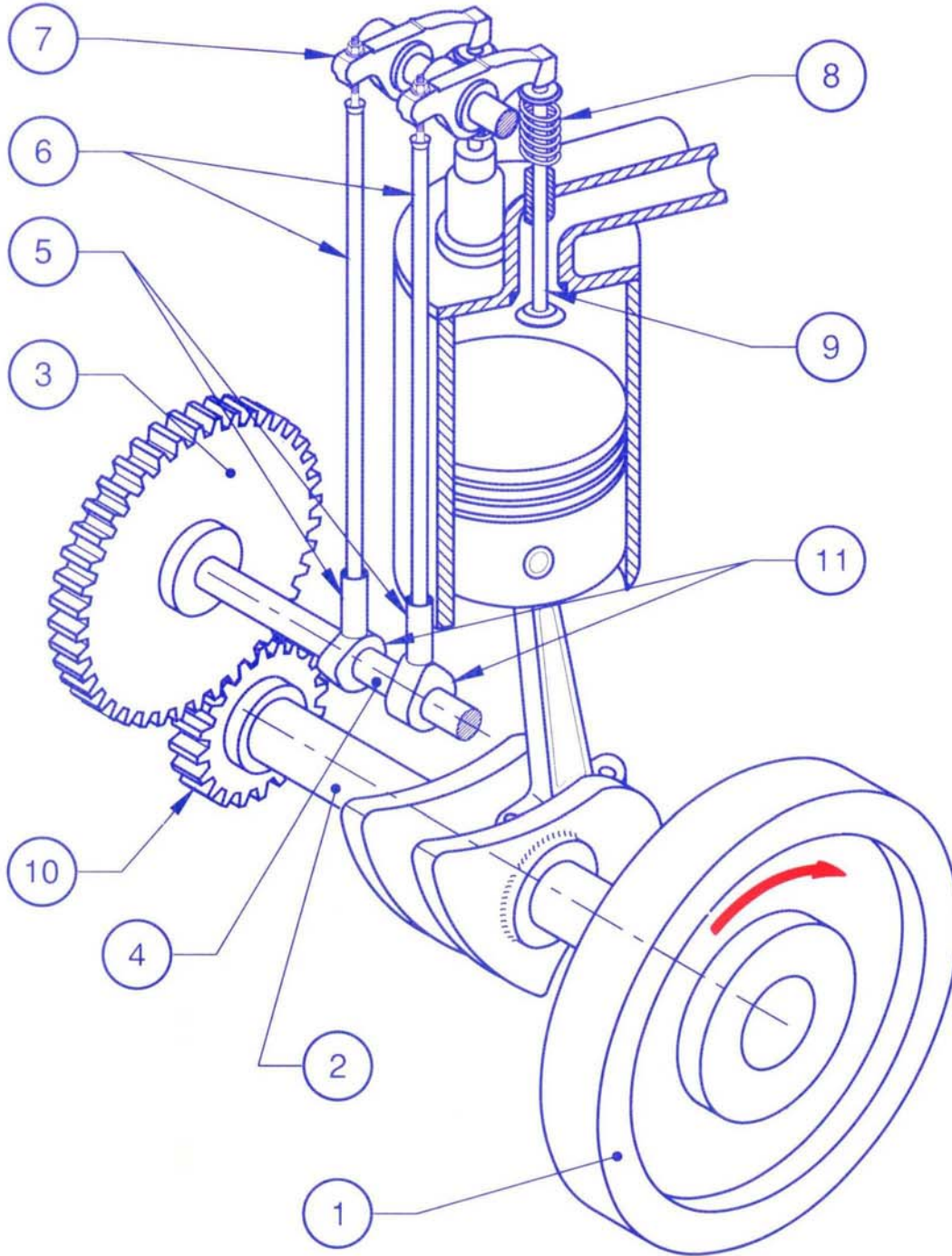


COOLING SYSTEM





OVERHEAD VALVE OPERATING MECHANISM

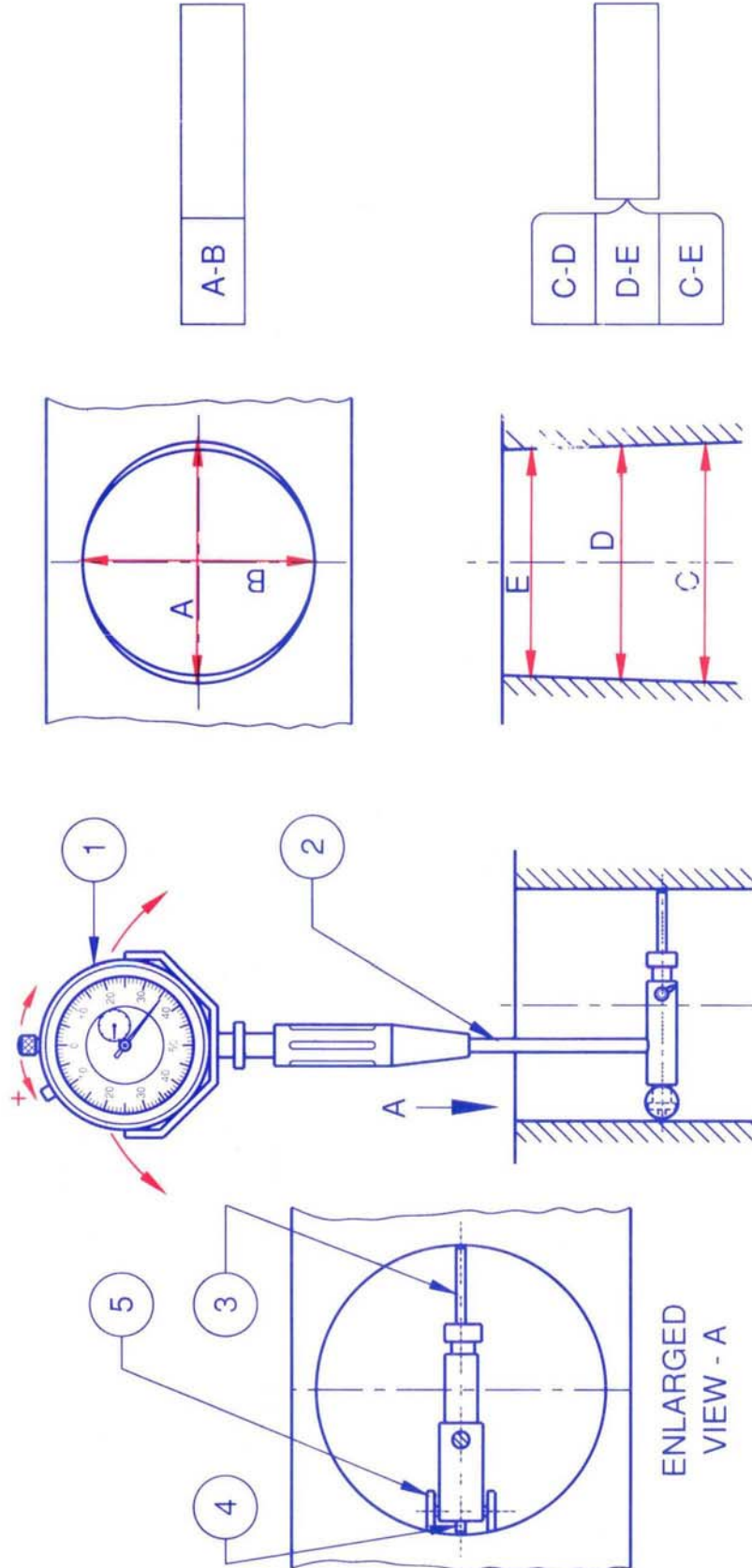


Crank shaft gear (10)

Cam shaft gear (3)



BORE DIAL GAUGE-CHECKING OVALITY AND TAPER



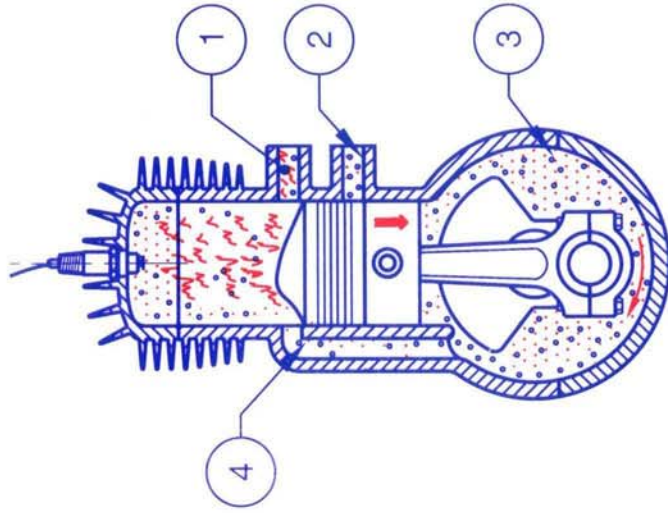
A-B

C-D
D-E
C-E

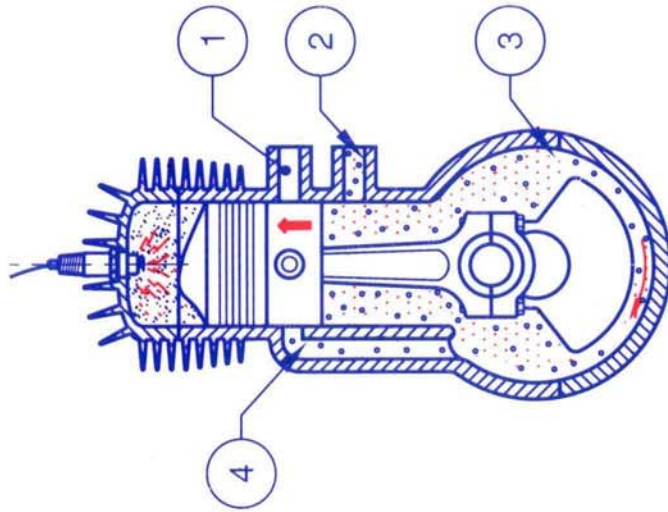
ENLARGED
VIEW - A



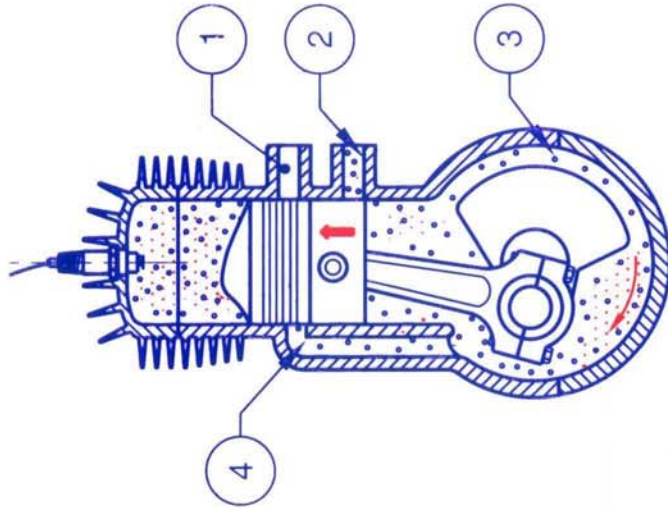
TWO STROKE CYCLE OPERATION (PETROL)



C



B

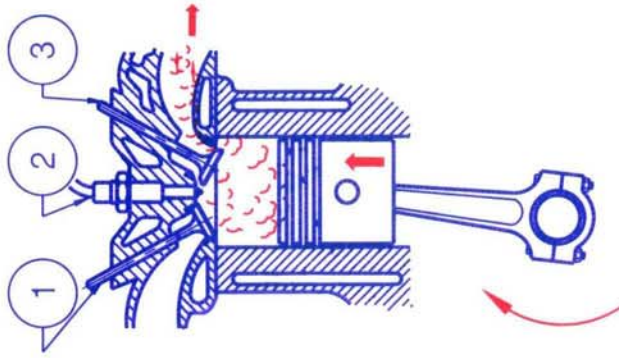


A

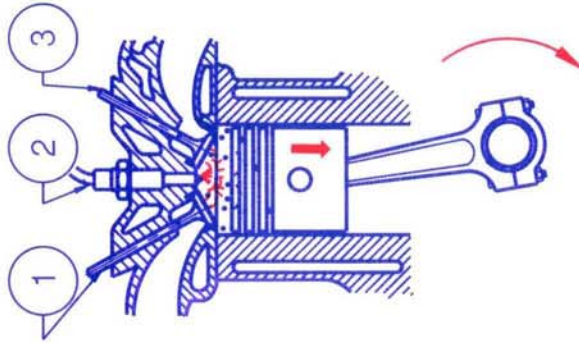
STROKE
ACTION



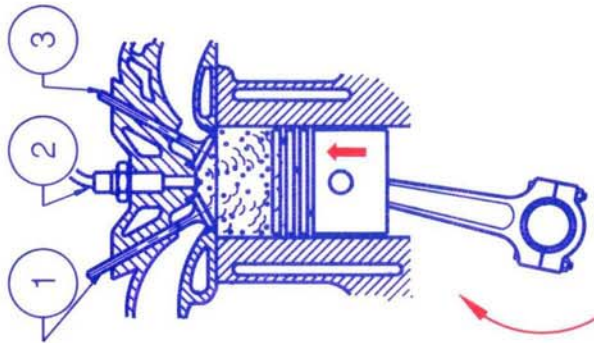
FOUR STROKE CYCLE OPERATION (DIESEL)



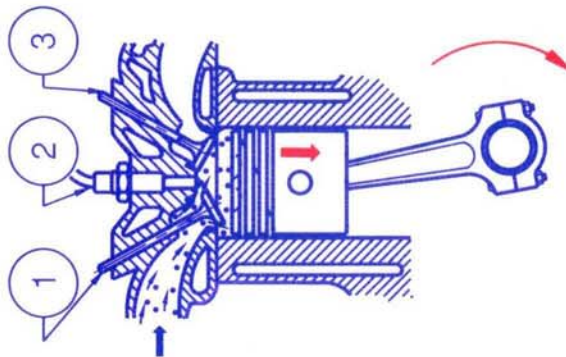
D



C



B

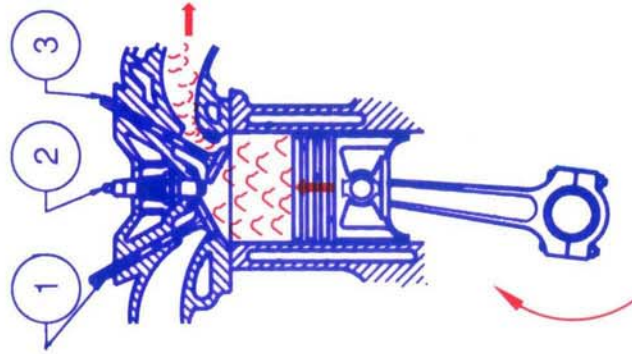


A

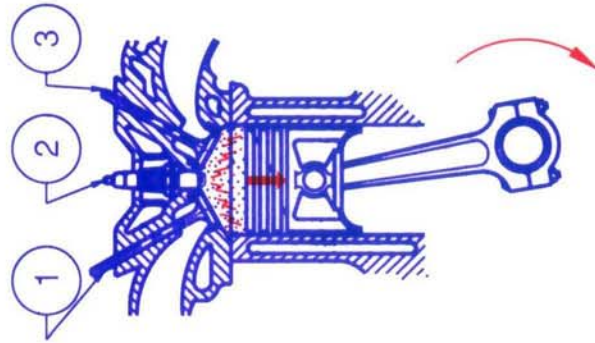
STROKE ACTION



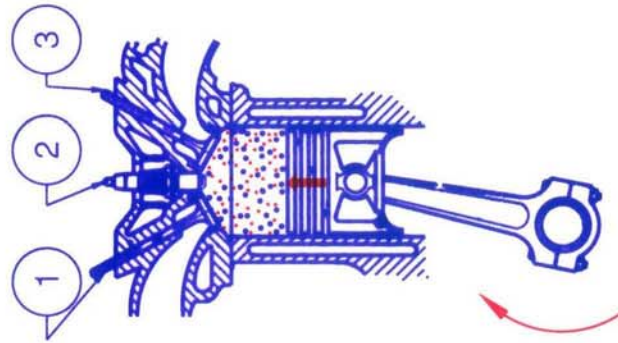
FOUR STROKE CYCLE OPERATION (PETROL)



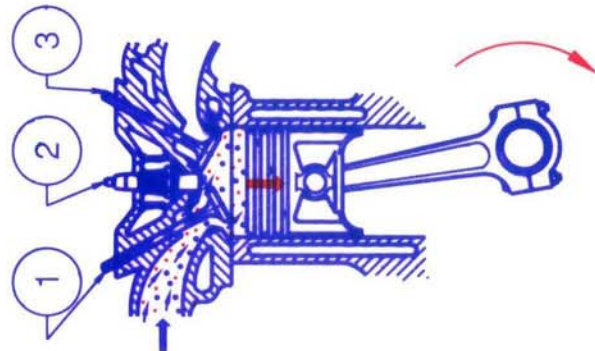
D



C



B



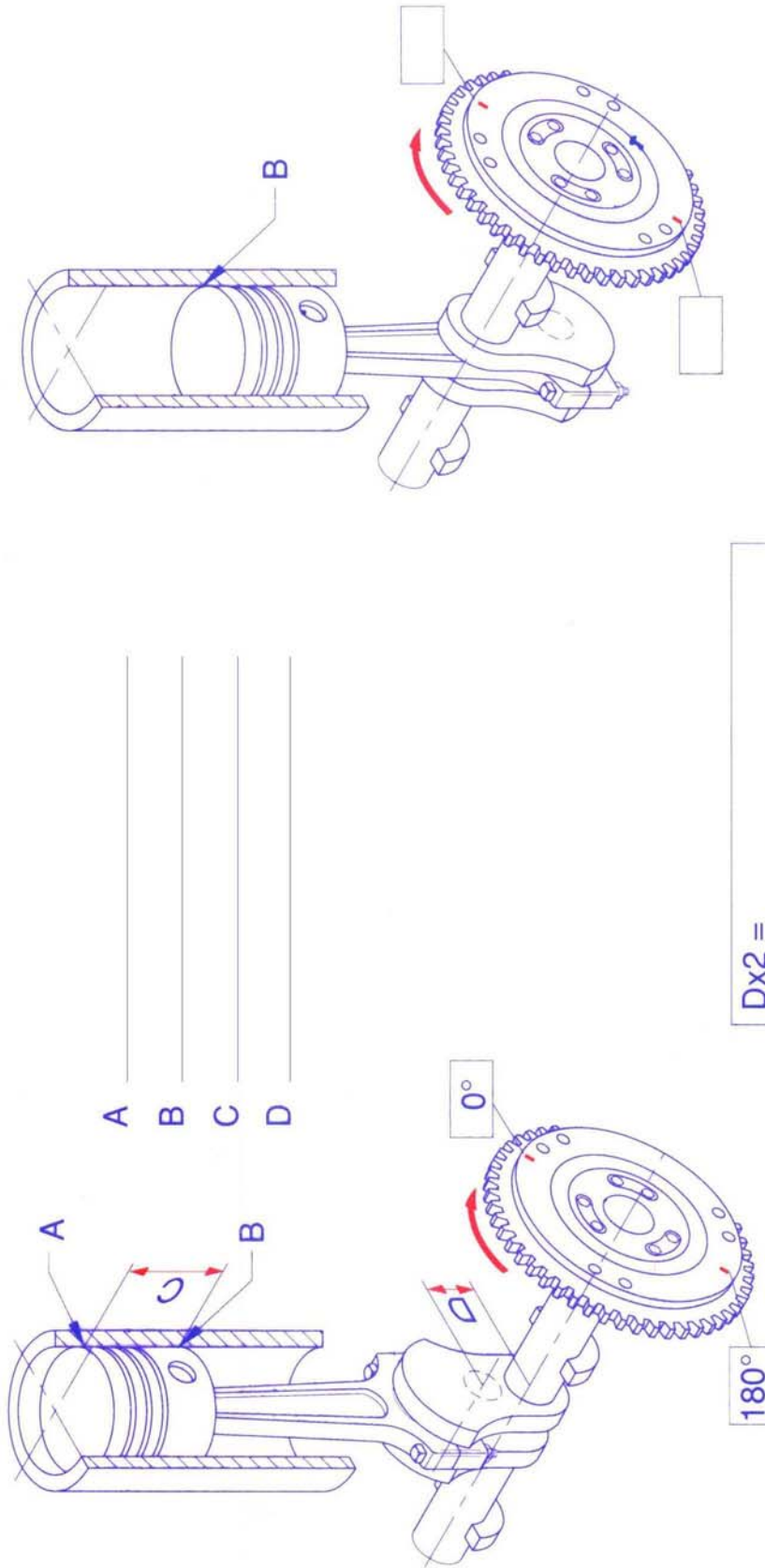
A

STROKE ACTION



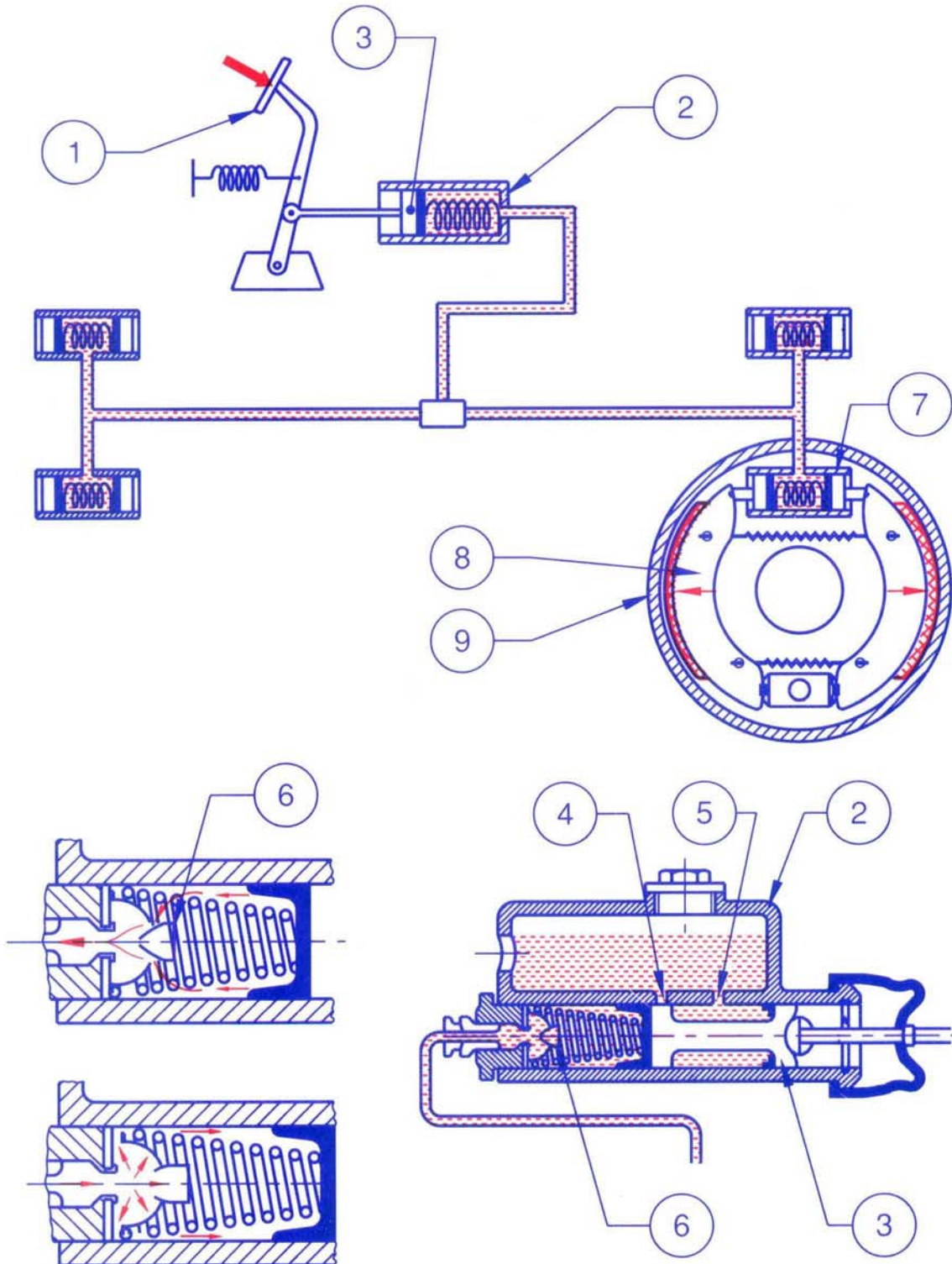


RELATIONSHIP BETWEEN PISTON AND FLYWHEEL MOVEMENT



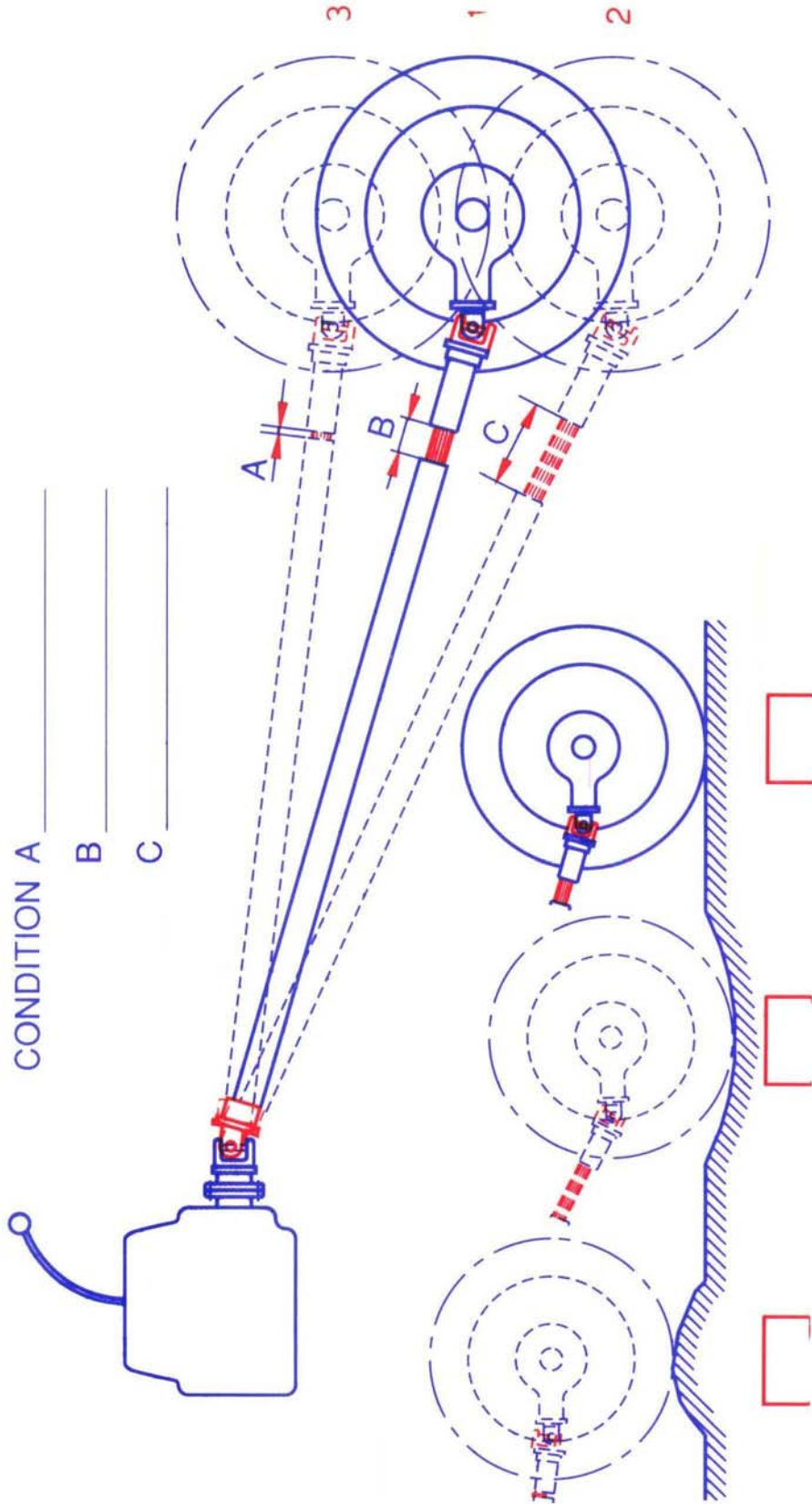


HYDRAULIC BRAKES



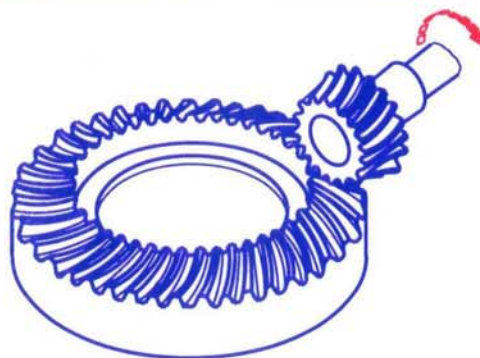
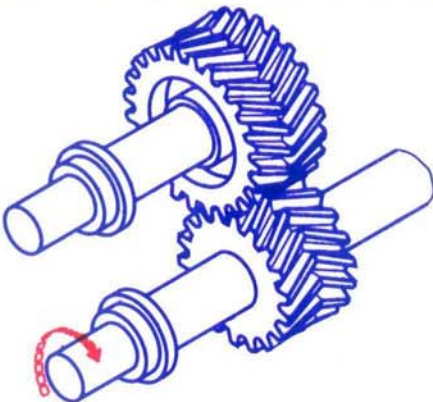
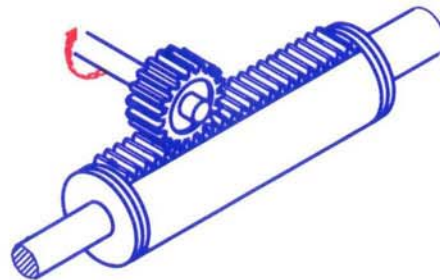
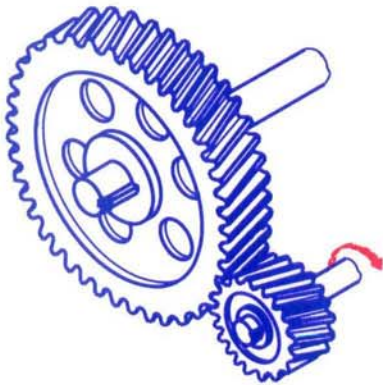
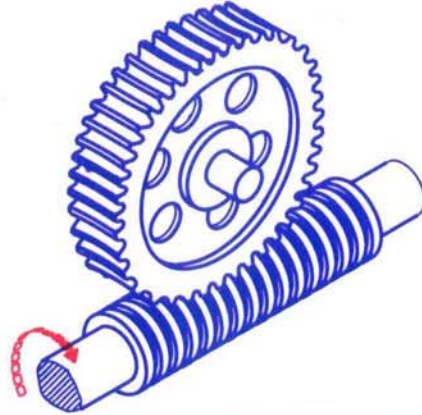
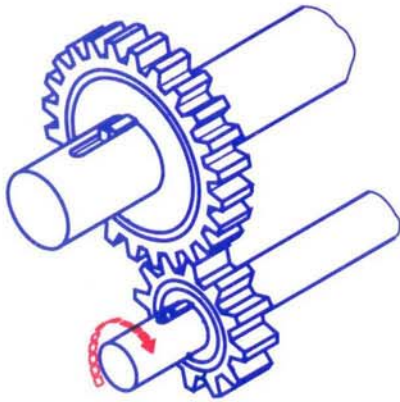


FUNCTION OF UNIVERSAL JOINT AND SLIP JOINT



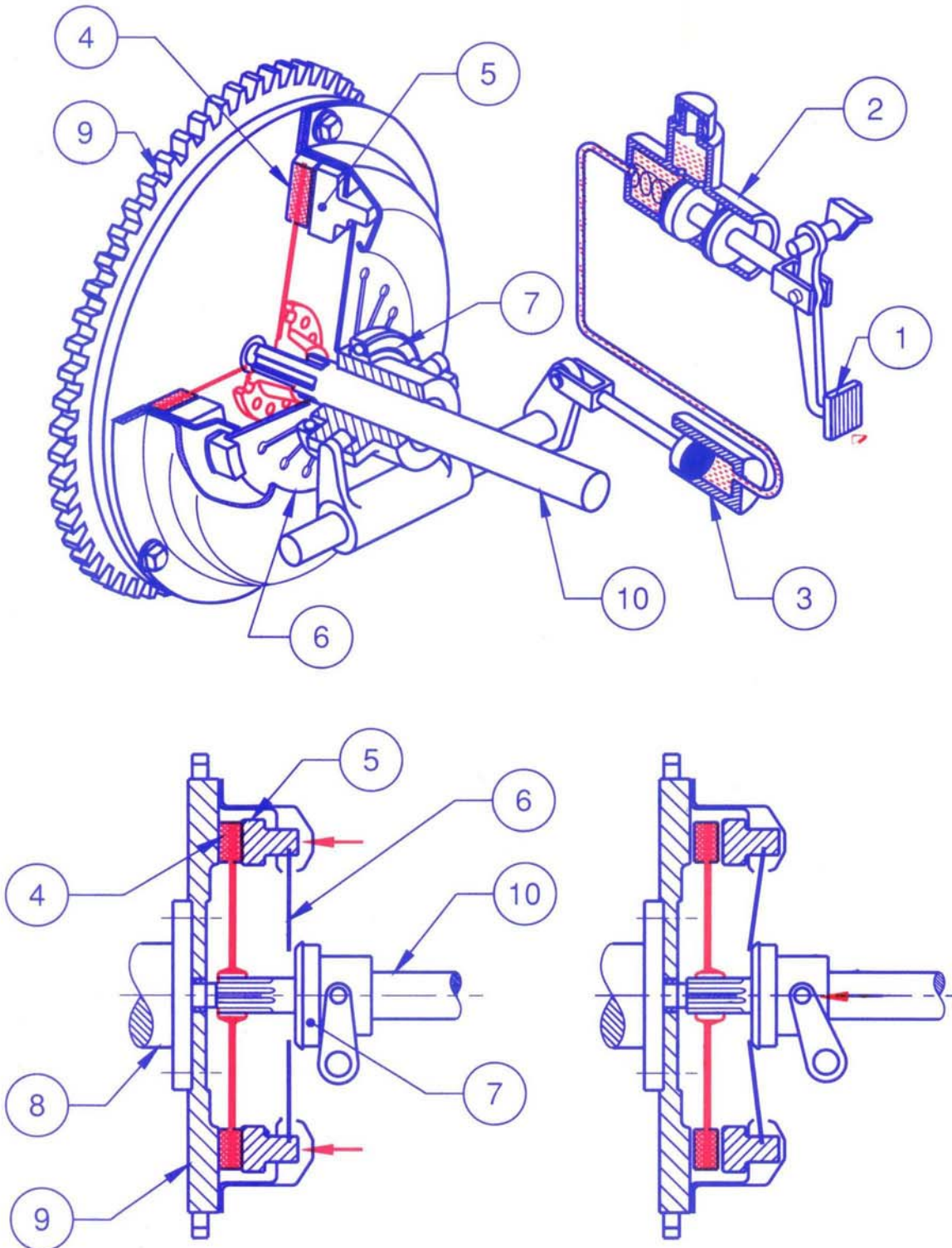


TYPES OF GEARS



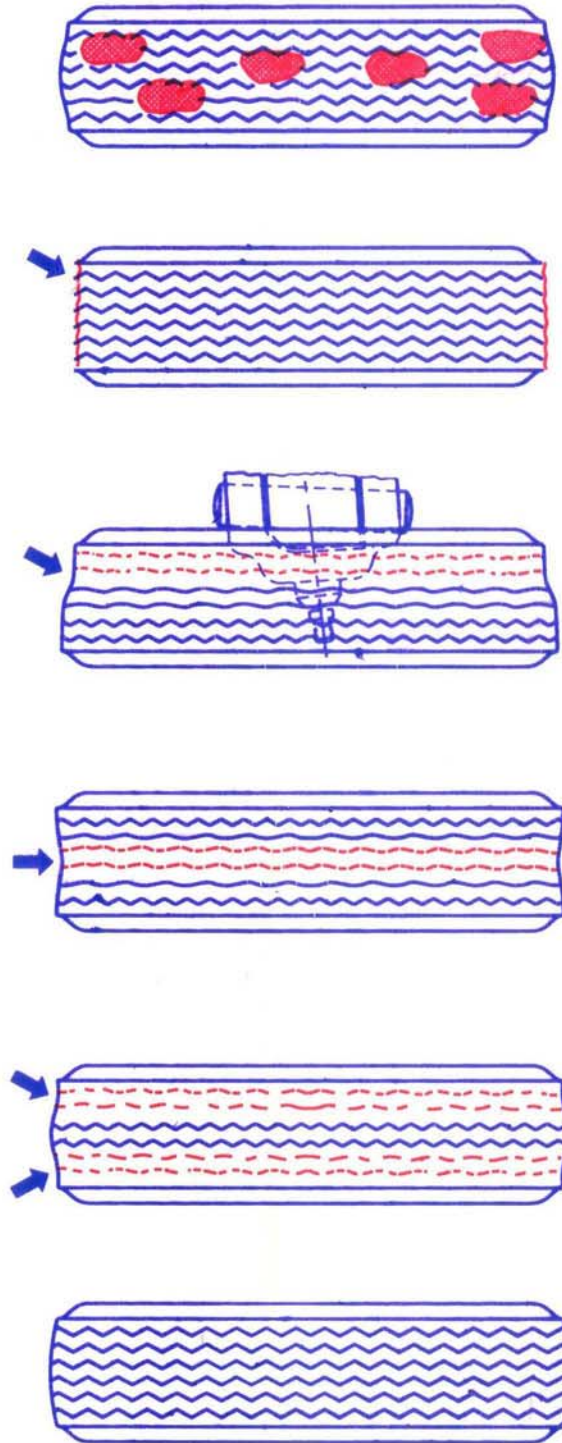


CLUTCH ACTUATION (HYDRAULIC)





TYRE WEAR PATTERNS AND CAUSES



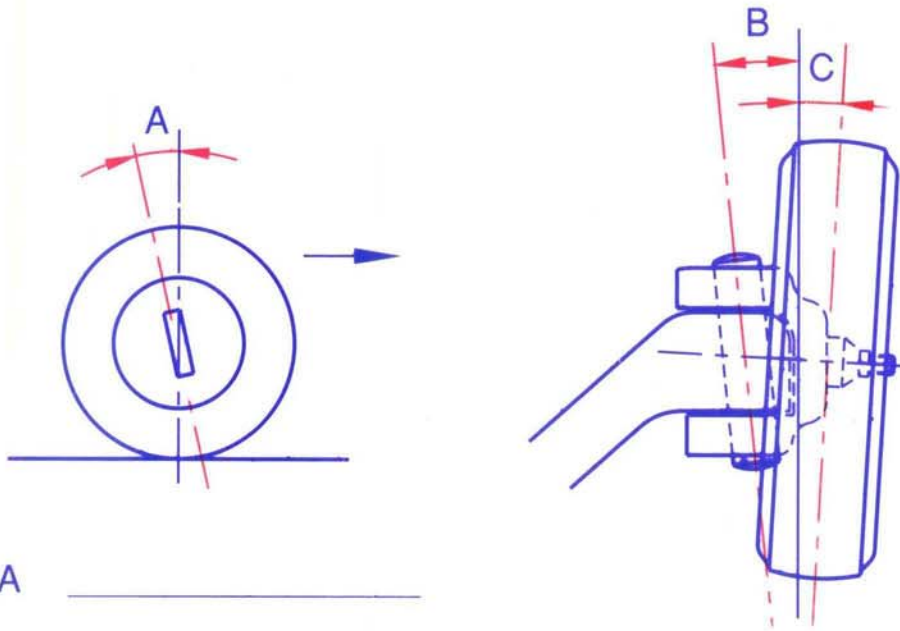
WEAR
PATTERN

CAUSE





WHEEL ALIGNMENT

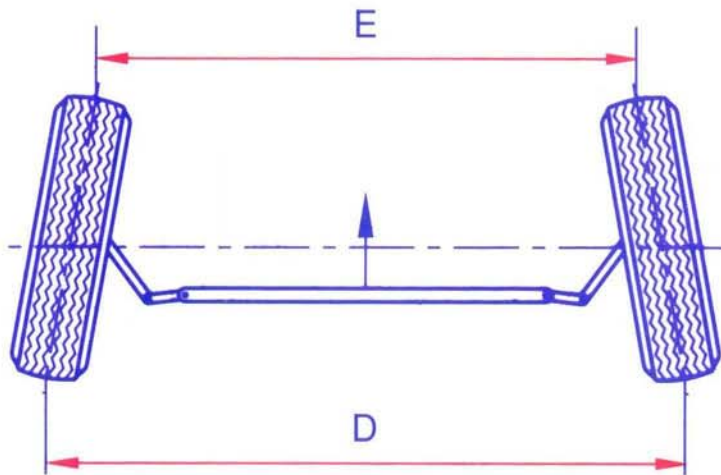


A _____

B _____

C _____

B+C= _____

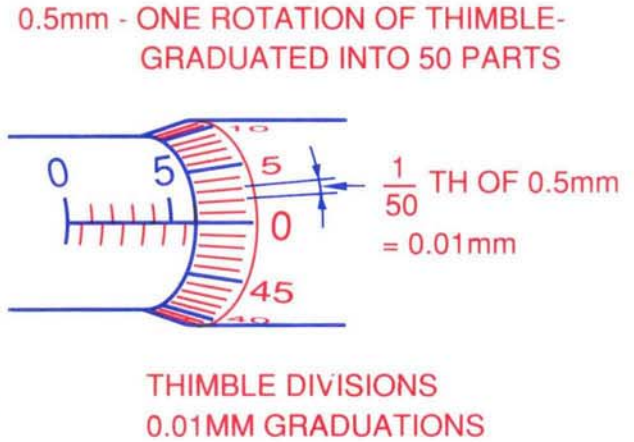
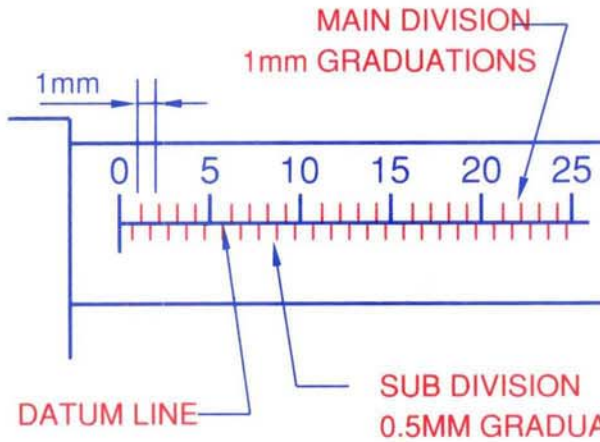


D-E= _____

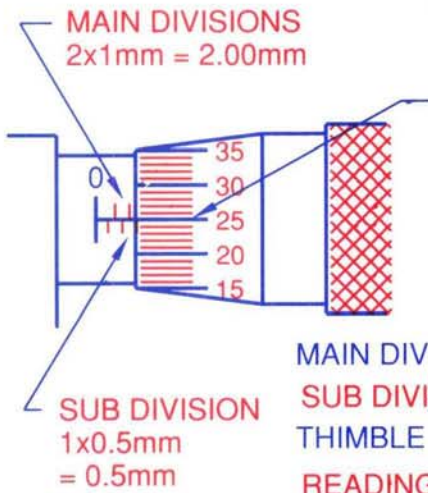


MICROMETER READING

MICROMETER GRADUATIONS

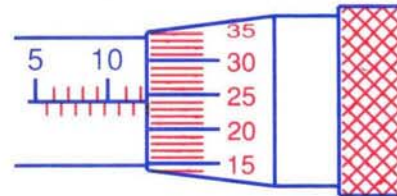


MICROMETER READING



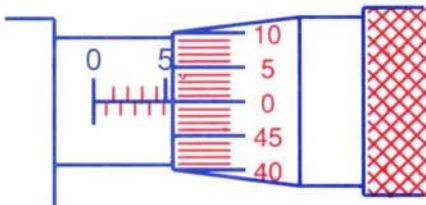
MAIN DIVISIONS = _____
SUB DIVISION = _____
THIMBLE DIVISIONS = _____
READING = _____

Example

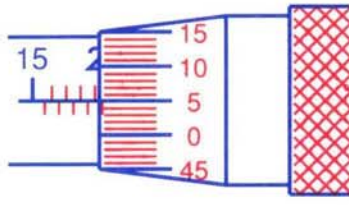


MAIN DIVISIONS = _____
SUB DIVISION = _____
THIMBLE DIVISIONS = _____
READING = _____

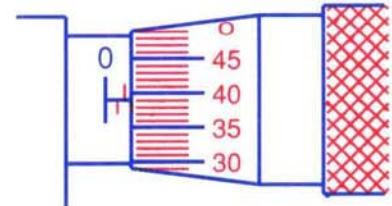
ASSIGNMENTS:-



B READING



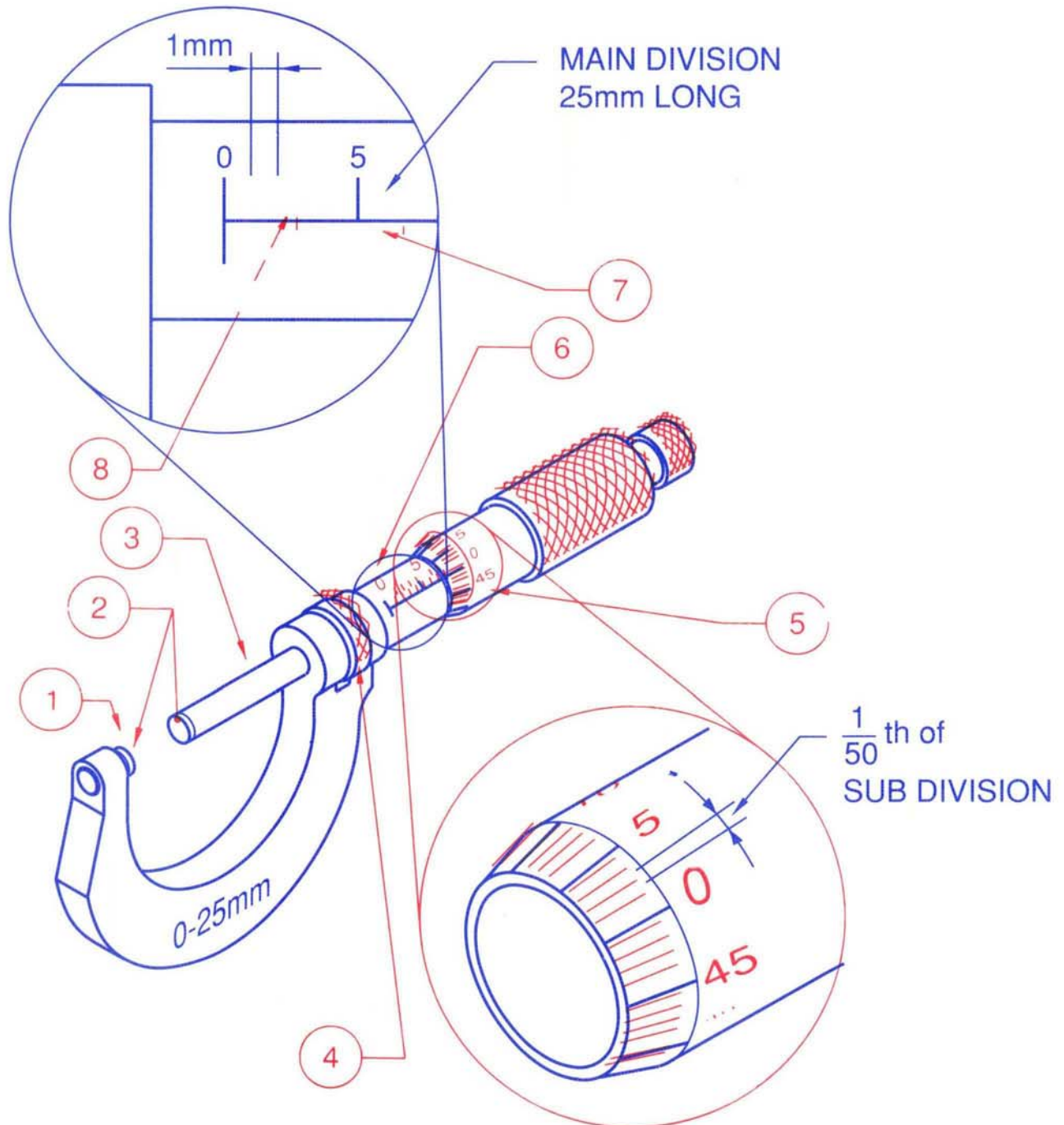
B READING



B READING



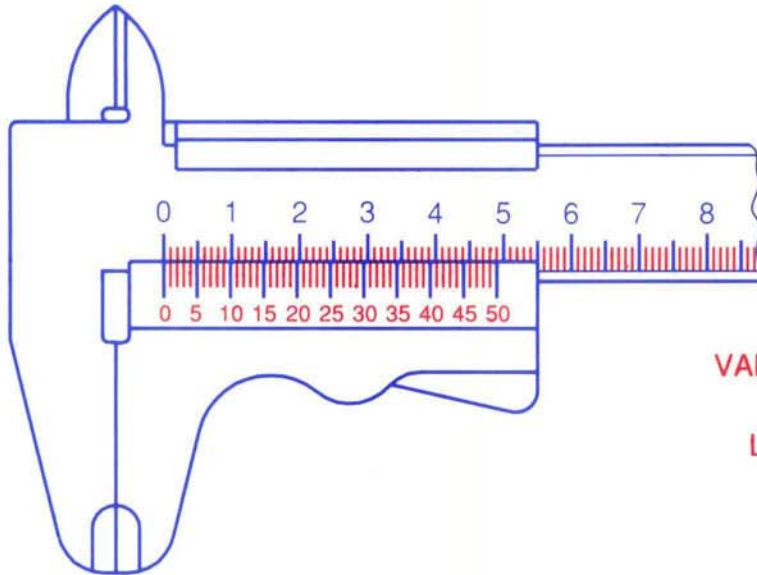
MICROMETER PARTS AND GRADUATIONS



$$\begin{aligned} \text{LEAST COUNT} &= \frac{1}{50} \text{ th of } 0.5\text{mm} \\ &= \boxed{} \end{aligned}$$

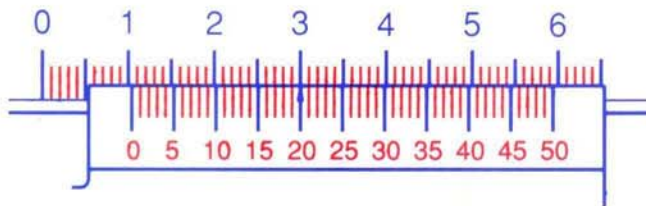


READING OF VERNIER CALIPER



$$\text{VALUE OF 1 VSD} = \frac{49}{50} \text{ mm}$$

$$\text{LEAST COUNT} = 1 \text{ MD} - 1 \text{ VSD}$$

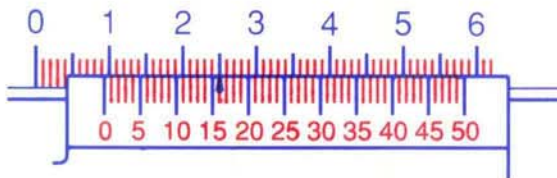


MAIN SCALE READING =

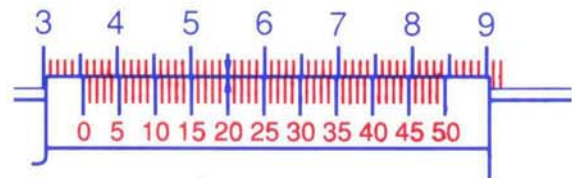
VALUE OF COINCIDING
VERNIER DIVISION } =

READING =

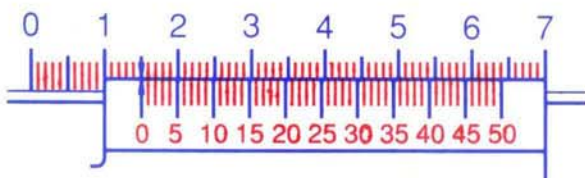
ASSIGNMENTS:-



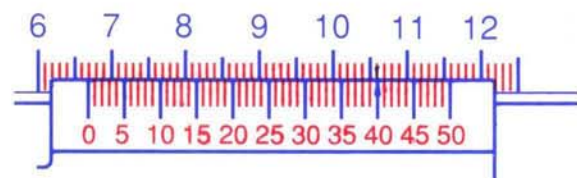
A READING



B READING



C READING



D READING



VERNIER CALIPER PARTS AND PRINCIPLE

