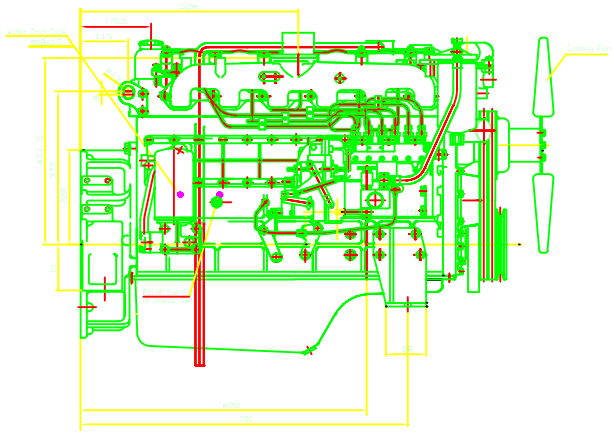
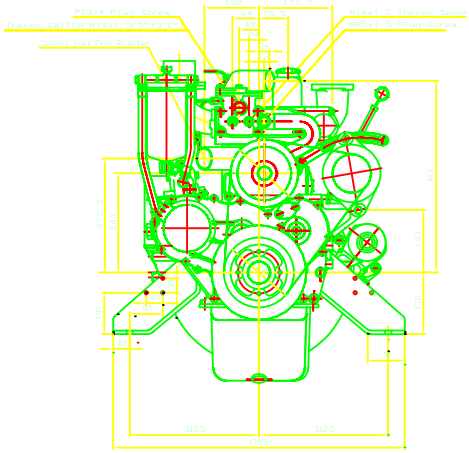
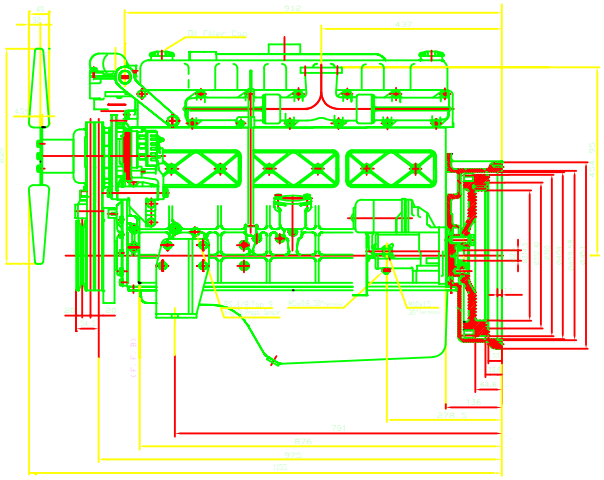
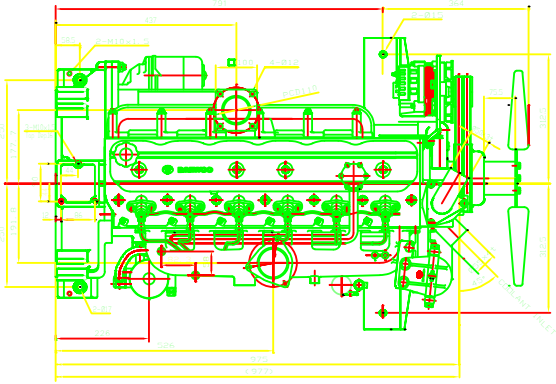
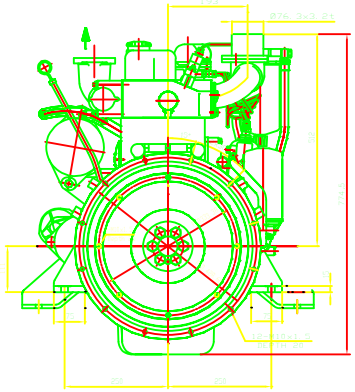
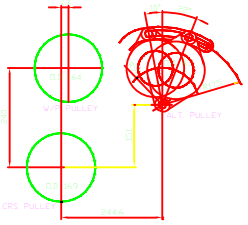


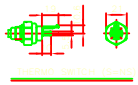




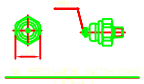


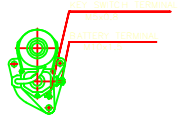


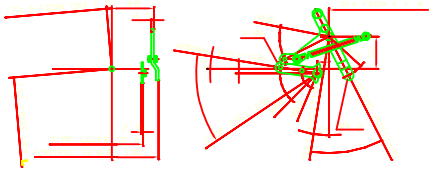




SPECIFICATIONS	
ENGINE MODEL	P086TI
TYPE	4 CYCLE, WATER COOLED, 4 VERTICAL IN-LINE
BORE × STROKE	102mm × 118mm
FIRING ORDER	1-3-4-2
COMBUSTION SYSTEM	DIRECT INJECTION
COMPRESSION RATIO	17.5 : 1
DISPLACEMENT VOLUME	3.856 ℓ
DRY WEIGHT	360kg (WITHOUT FLYWHEEL)
RATED HORSE POWER	115HP/2800rpm
MAX TORQUE	30kg·m/1600rpm
INJECTION PUMP	IN-LINE TYPE
GOVERNOR TYPE	MECHANICAL ALL SPEED CONTROL
INJECTOR OPENING PRESSURE	220kg/cm²
STARTING INJECTION TIMING	B.T.D.C 20°
STARTER	24V, 4.5kW
ALTERNATOR	24V, 25A
ENGINE OIL CAPACITY(OIL PAN)	9.5 LITERS (2.5 GALLONS)
COOLING WATER CAPACITY(W/O RADIATOR)	7.5 LITERS
LUBRICATING SYSTEM	FORCED FEED WITH GEAR PUMP
THERMOSTAT OPENING TEMPERATURE	OPENING TEMP. 71°C FULL OPEN TEMP. 85°C







INJ.PUMP CONTROL LEVER & STOP LEVER(S-NS)

품번	품명	재질	수량	비고	
도번	P086TI	ENGINE ASS'Y		척도	1/1
설계변경번호	신제	제도			
일반 공차 조립 방법	검토				
	승인			REFERENCE DRAWING	
				대우중공업주식회사	

3 각법	