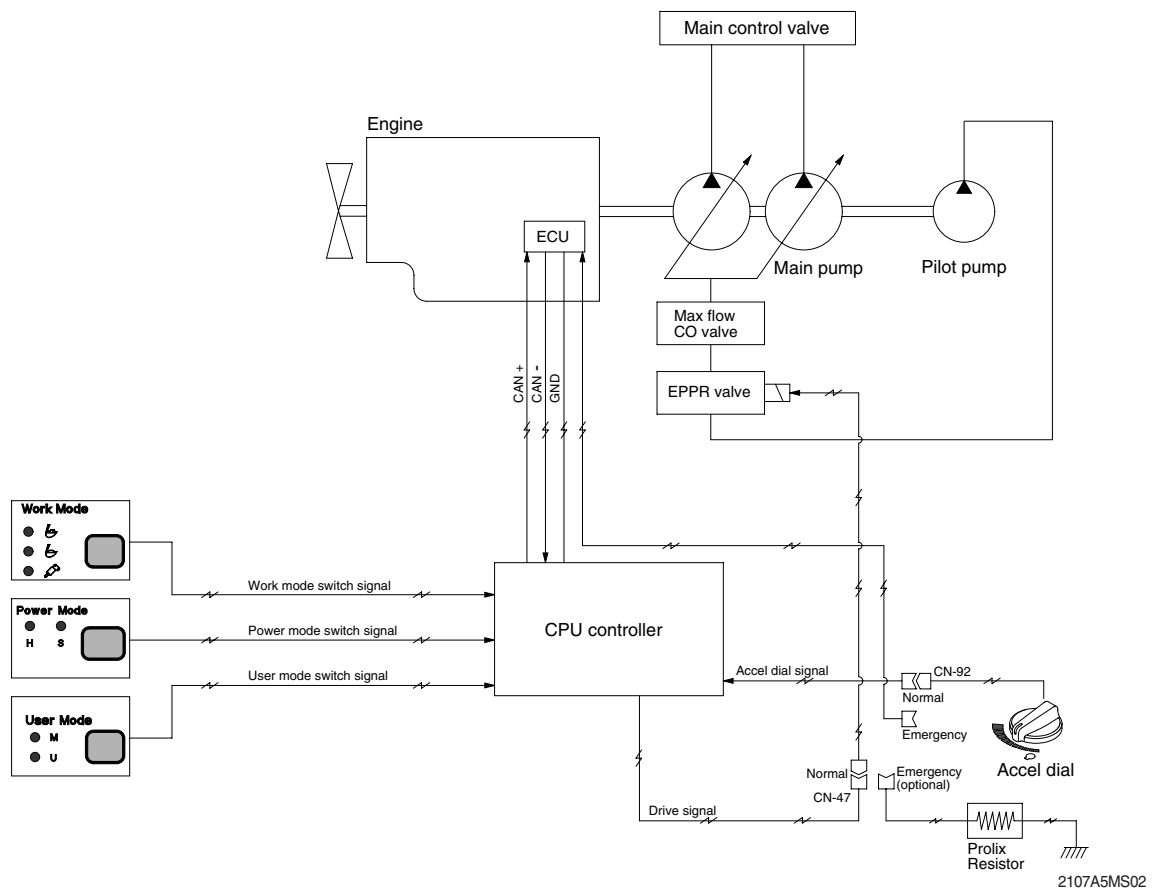


GROUP 2 MODE SELECTION SYSTEM

1. POWER MODE SELECTION SYSTEM



Mode selection system(Micro computer based electro-hydraulic pump and engine mutual control system) optimizes the engine and pump performance.

The combination of 2 power modes(H, S) and accel dial position(10 set) makes it possible to use the engine and pump power more effectively corresponding to the work conditions from a heavy and great power requesting work to a light and precise work.

Mode	Application	Power set (%)	Engine rpm		Power shift by EPPR valve			
					Ver 3.1(STD)		Ver 4.1(OPT)	
			Unload	Load	Current (mA)	Pressure (kgf/cm ²)	Current (mA)	Pressure (kgf/cm ²)
M	Maximum power	95	1950 ± 50	1900	185 ± 30	2.5	160	0
H	High power	85	1850 ± 50	1800	290 ± 30	8	185	2.5
S	Standard power	70	1750 ± 50	1700	290 ± 30	8	290	8
AUTO DECEL	Engine deceleration	-	1000 ± 100	-	670 ± 30	38	670 ± 30	38
One touch decel	Engine quick deceleration	-	800 ± 100	-	670 ± 30	38	670 ± 30	38
KEY START	Key switch start position	-	800 ± 100	-	670 ± 30	38	670 ± 30	38

3. USER MODE SELECTION SYSTEM

An operator can change the engine and pump and memorize it for his preference.

Mode	Operation
U	High idle rpm, auto decel rpm EPPR pressure can be modulated and memorized separately

HOW TO MODULATE THE MEMORY SET

- 1) Each memory mode has a initial set which are mid-range of max engine speed, auto decel rpm, and EPPR valve input current.
- 2) High idle rpm, auto decel rpm, EPPR pressure can be modulated and memorized separately in the U-mode.

※ Refer to the page 5-37 for set of user mode.

· LCD segment vs parameter setting

Segment ()	ACCEL (rpm)	DECEL (rpm)	EPPR (mA)
1	1500	700	135
2	1550	750	200
3	1600	800	250
4	1650	Low idle(850)	300
5	1700	900	350
6	1750	950	400
7	1800	Decel rpm(1000)	450
8	1850	1050	500
9	1900	1100	550
10	1950	1150	600

