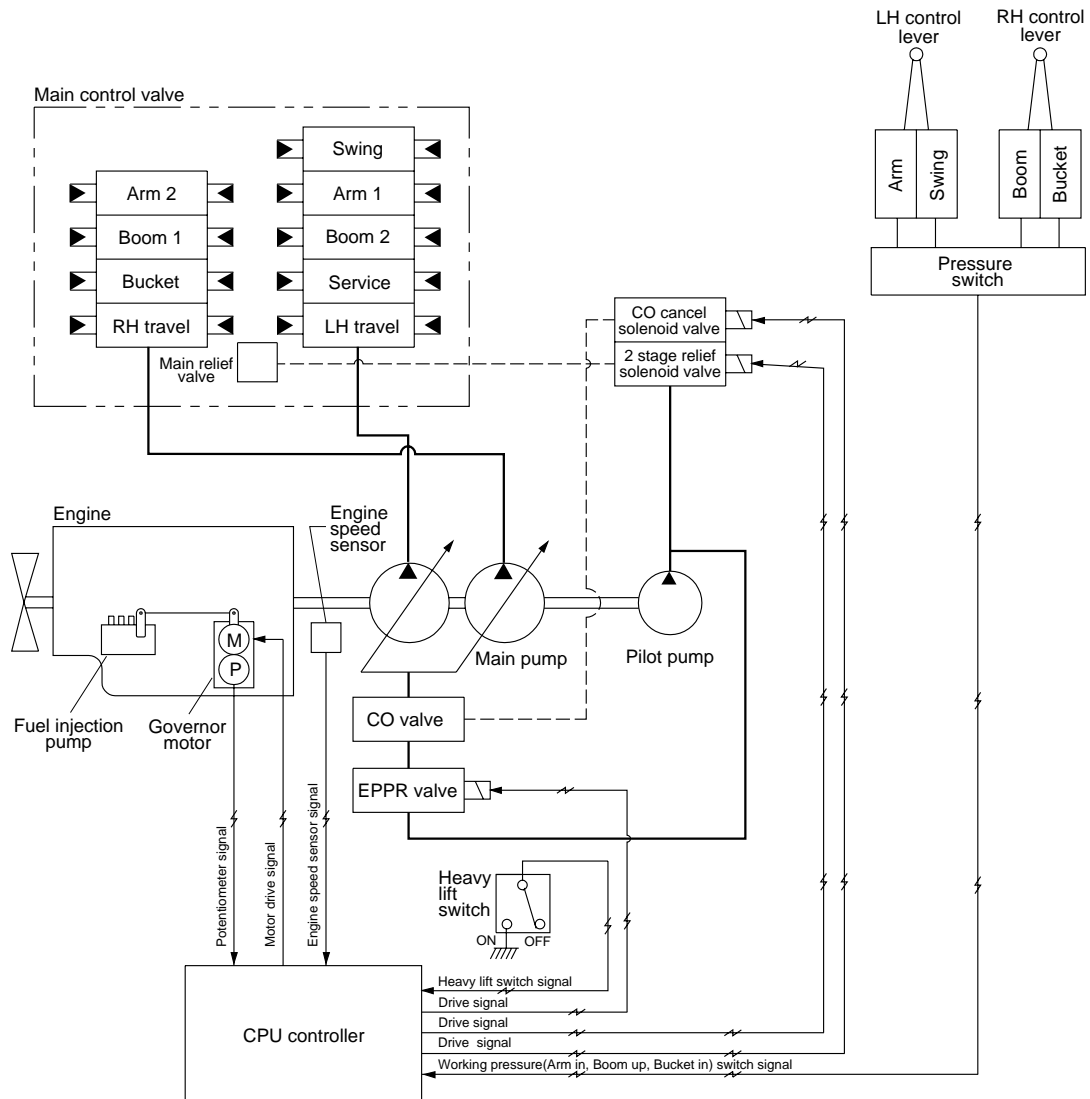


## GROUP 6 HEAVY LIFT SYSTEM



Lifting capacity of boom is increased by 10% when heavy lift switch is turned ON and the single operation of boom control lever without any operations of control levers.

During the heavy lift function if any operation of arm in or bucket in control lever is detected by the CPU controller through each oil pressure switch, the heavy lift function is canceled automatically.

### Operation of heavy lift function

Heavy lift	Lever operation		2-stage relief solenoid valve	Set pressure of main relief valve	Cut-off solenoid valve	Lifting capacity of boom
	Boom up	Arm in or Bucket in				
OFF	Operation	-	OFF	325 kg/cm <sup>2</sup>	OFF	100 %
ON	Operation	Neutral or Arm out, Bucket out	ON	350 kg/cm <sup>2</sup>	ON	110 %
		Operated	OFF	325 kg/cm <sup>2</sup>	OFF	100 %

※ Three pressure switches(operation pressure is 6kg/cm<sup>2</sup>) of boom up, arm in and bucket in are installed on the hydraulic oil flow line to each attachment.