

GROUP 12 SELF-DIAGNOSTIC DISPLAY SYSTEM

If there is any abnormality, for instance short or open circuit happens among wire-harness connected to CPU controller, the CPU controller displays the detected abnormality code by 2-digit number. And if any short circuit occurs in or out of the CPU controller it protects itself from electric damage.

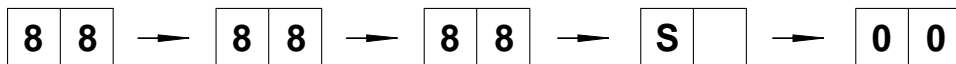
1. Once the key starting switch is turned OFF, the abnormality display is reset, so check with the key starting switch ON.

2. If normal

CPU controller displays **0 0** after displaying **8 8** for 3 seconds in a row.

※ Example of display

Starting switch ON or START →

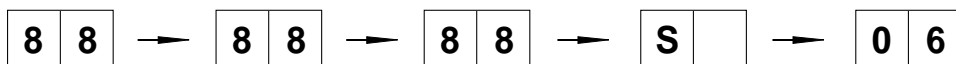


3. If an abnormality occurs.

CPU controller displays each error code after displaying **8 8** for 3 seconds in a row.

※ Example of display when EPPR valve is open (display code : **0 6**)

Starting switch ON or START →

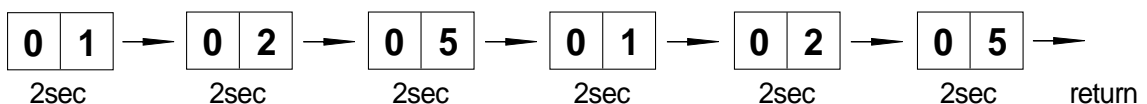


4. If more than two abnormality occur

It displays the error code for 2 seconds respectively.

※ Example of display when 3 abnormalities occur (**0 1, 0 2, 0 5**)

Starting switch ON or START →



5. ABNORMALITY CODE

Code	Description	Display
00	Normal	00
01	Short circuit in governor motor system	01
02	Open circuit in governor motor system	02
03	Short circuit in potentiometer system	03
04	Open circuit in potentiometer system	04
05	Short circuit in EPPR valve system	05
06	Open circuit in EPPR valve system	06
07	Short circuit in 2-stage relief solenoid system	07
08	Open circuit in 2-stage relief solenoid system	08
09	Short circuit in travel speed solenoid system	09
10	Open circuit in travel speed solenoid system	10
11	Short circuit in swing lock solenoid system	11
12	Open circuit in swing lock solenoid system	12
15	Short circuit in Cut-off cancel solenoid system	15
16	Open circuit in Cut-off cancel solenoid system	16
17	Abnormality in engine speed sensor system	17
18	Open circuit in continuous battery power system	18
19	Below 18V of input voltage	19
20	Open circuit in cluster input voltage	20
21	Abnormality in engine rpm setting	21
22	Malfunction of CPU controller	22
	Open circuit in power source system	88 (OFF)

6. IF SIGNALS COMES FROM OTHER SWITCHES

Switch input		Display
Mode switch	S → H	H
Mode switch	H → S	S
Mode switch	S → L	L
Mode switch	L → F	F
Travel speed switch	Lo → Hi	Hi
Travel speed switch	Hi → Lo	Lo
Auto deceleration switch	OFF → ON	Ad
Speed up switch	ON	Su
Speed down switch	ON	Sd
Swing lock switch	OFF → ON	Sl
Power max switch	ON	Po
Heavy lift switch	OFF → ON	HI

※ Example of display H mode

H	
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 Flashes for 2 seconds.