KOBELCO

SERVICE MANUAL

HYDRAULIC EXCAVATOR

SK200(LC) 6E

SK210(LC) 6E

SK210NLC 6E

S5YN0114E 01

Issued: November, 2003

APPLICABLE:
YN08-33001~
YQ08-04501~
YN09-35146~
YQ09-04933~

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TOOLS

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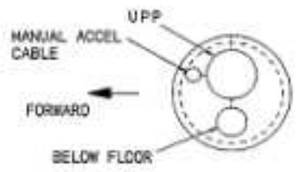
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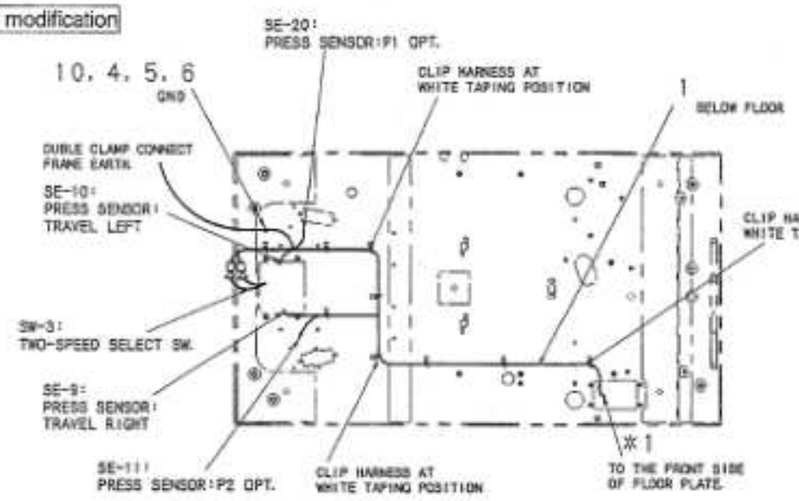
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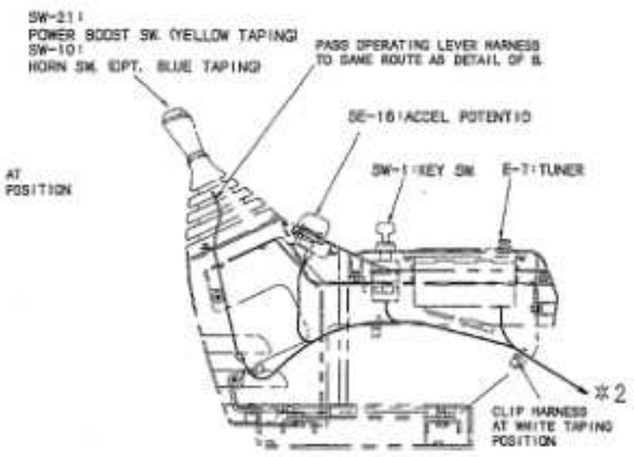
3.9B UNDER FLOOR HARNESS ASSY; YN13E00085F1 ASIA, OCEANIA After modification

UNDER FLOOR HARNESS ASSY		YN13E00085F1		
ITEM	PART NAME	PART No.	Q'TY	REMARKS
1	HARNESS	YN13E01298P1	1	Under floor
2	HARNESS	YN13E01276P1	1	Panel inst (R)
3	HARNESS	YN13E01336P1	1	Panel inst (L)
10	CABLE	LE13E01005P1	1	Floor GND

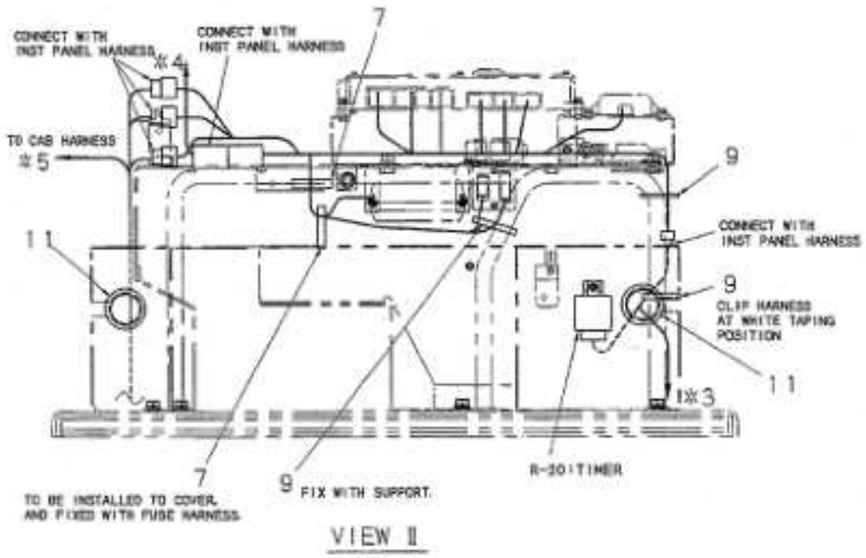
Note: Regarding to items 1,2 and 10 are in common with before modification machine, and refer to previous pages.





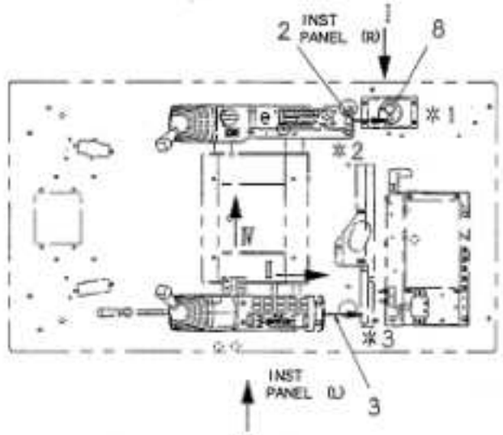


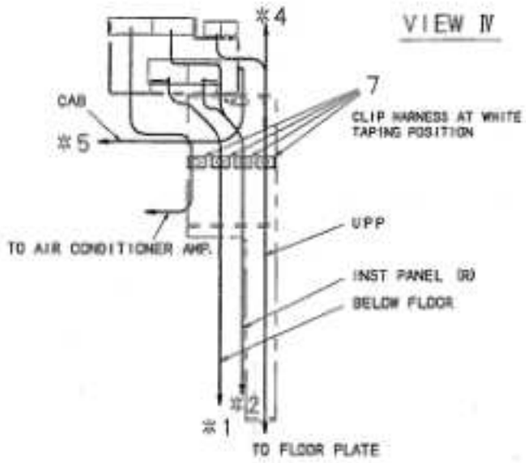
DETAIL OF ITEM 8
HOW TO TIGHT HARNESS



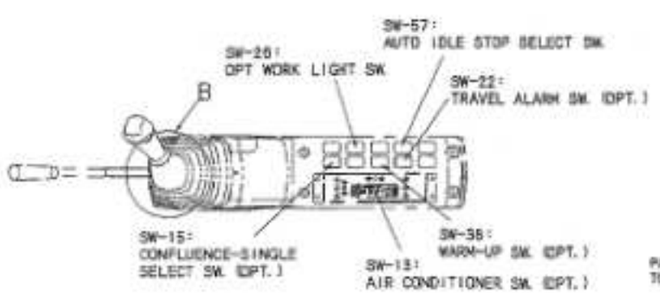
VIEW II

VIEW FROM THE BACK SIDE OF FLOOR PLATE

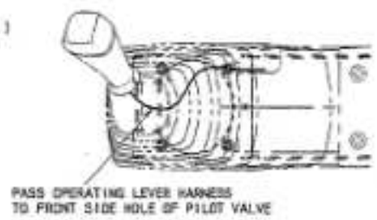




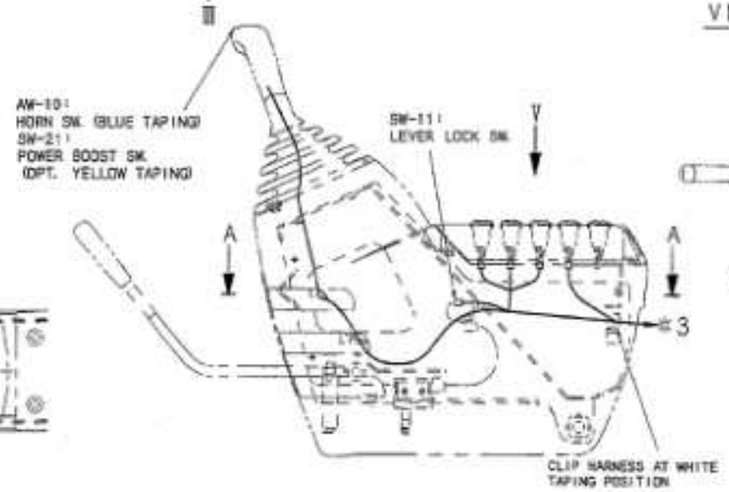
VIEW I



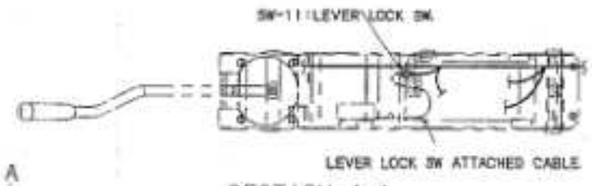
VIEW V



DETAIL OF B



VIEW III



SECTION A-A
PART OF LEVER LOCK SW CONNECTION

Fig. 35 Under floor harness ASIA, OCEANIA

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(5) Adjusting crawler tension(See Fig. 2-8)
After installing, adjust tension of crawler.
: 19mm

	Standard dimension A
Dimension of iron crawler in a max. slackened condition	320~350mm (12.6~13.8in)

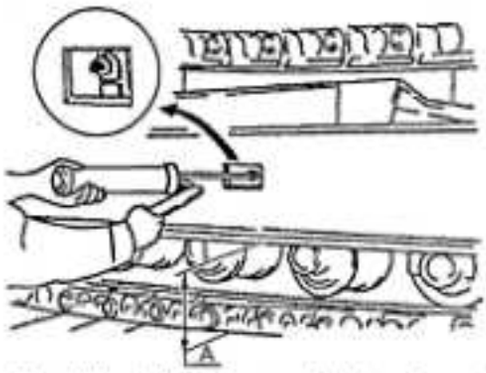


Fig. 2-8 Adjusting crawler tension

2.3 CONSTRUCTION

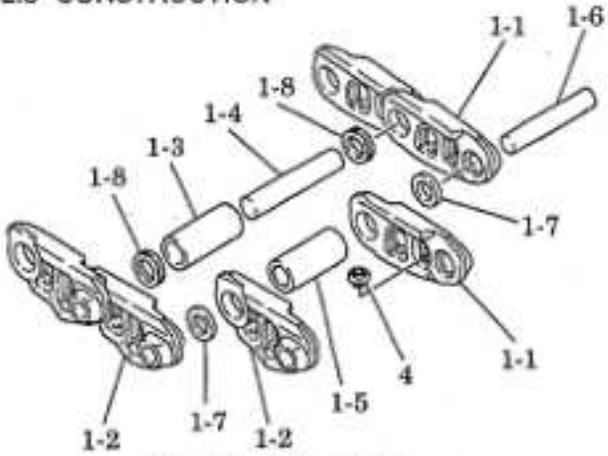


Fig. 2-9 Track link assy

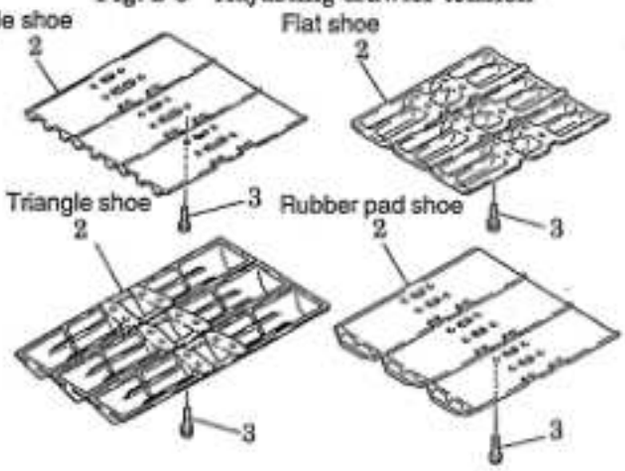


Fig.2-10 Shoe plate

SK200-6E

No.	NAME	Q'TY					
Shoe assy	YN60D00054F2	↓					
	YN60D00054F5		↓				
	YN60D00054F6			↓			
	YN60D00054F9				↓		
	YN60D00054F8					↓	
	YN60D00054F1						↓
1	• LINK ASSY YN62D00017F1	1	1	1	1	1	1
1-1	•• TRACK LINK (R.H)	46	46	46	46	46	46
1-2	•• TRACK LINK (L.H)	46	46	46	46	46	46
1-3	•• BUSHING	45	45	45	45	45	45
1-4	•• PIN	45	45	45	45	45	45
1-5	•• MASTER BUSHING	1	1	1	1	1	1
1-6	•• MASTER PIN	1	1	1	1	1	1
1-7	•• COLLAR	2	2	2	2	2	2
1-8	•• SEAL	90	90	90	90	90	90
2	• SHOE 600mm (23.6in)	46	—	—	—	—	—
	• SHOE 700mm (27.6in)	—	46	—	—	—	—
	• SHOE 800mm (31.5in)	—	—	46	—	—	—
	• SHOE 900mm (35.4in)TRIANGLE	—	—	—	46	—	—
	• SHOE 600mm (23.6in) FLAT	—	—	—	—	46	—
	• SHOE 600mm (23.6in) Rubber pad	—	—	—	—	—	46
3	• BOLT 2420Z1292	184	184	184	—	—	184
	• BOLT 2420T7262D1	—	—	—	184	—	—
	• BOLT 2420T7262D2	—	—	—	—	184	—
4	• NUT 2420Z1293	184	184	184	184	184	184

SK200LC-6E & SK200NLC-6E

No.	NAME	Q'TY					
Shoe assy	YN60D00055F2	↓					
	YN60D00055F4		↓				
	YN60D00055F5			↓			
	YN60D00055F8				↓		
	YN60D00055F7					↓	
	YN60D00055F1						↓
1	• LINK ASSY YN62D00017F3	1	1	1	1	1	1
1-1	•• TRACK LINK (R.H)	49	49	49	49	49	49
1-2	•• TRACK LINK (L.H)	49	49	49	49	49	49
1-3	•• BUSHING	48	48	48	48	48	48
1-4	•• PIN	48	48	48	48	48	48
1-5	•• MASTER BUSHING	1	1	1	1	1	1
1-6	•• MASTER PIN	1	1	1	1	1	1
1-7	•• COLLAR	2	2	2	2	2	2
1-8	•• SEAL	96	96	96	96	96	96
2	• SHOE 600mm (23.6in)	49	—	—	—	—	—
	• SHOE 700mm (27.6in)	—	49	—	—	—	—
	• SHOE 800mm (31.5in)	—	—	49	—	—	—
	• SHOE 900mm (35.4in)TRIANGLE	—	—	—	49	—	—
	• SHOE 600mm (23.6in) FLAT	—	—	—	—	49	—
	• SHOE 600mm (23.6in) Rubber pad	—	—	—	—	—	49
3	• BOLT 2420Z1292	196	196	196	—	196	196
	• BOLT 2420T7262D1	—	—	—	196	—	—
	• BOLT 2420T7262D2	—	—	—	—	196	—
4	• NUT 2420Z1293	196	196	196	196	196	196

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TROUBLESHOOTING (ELECTRIC)

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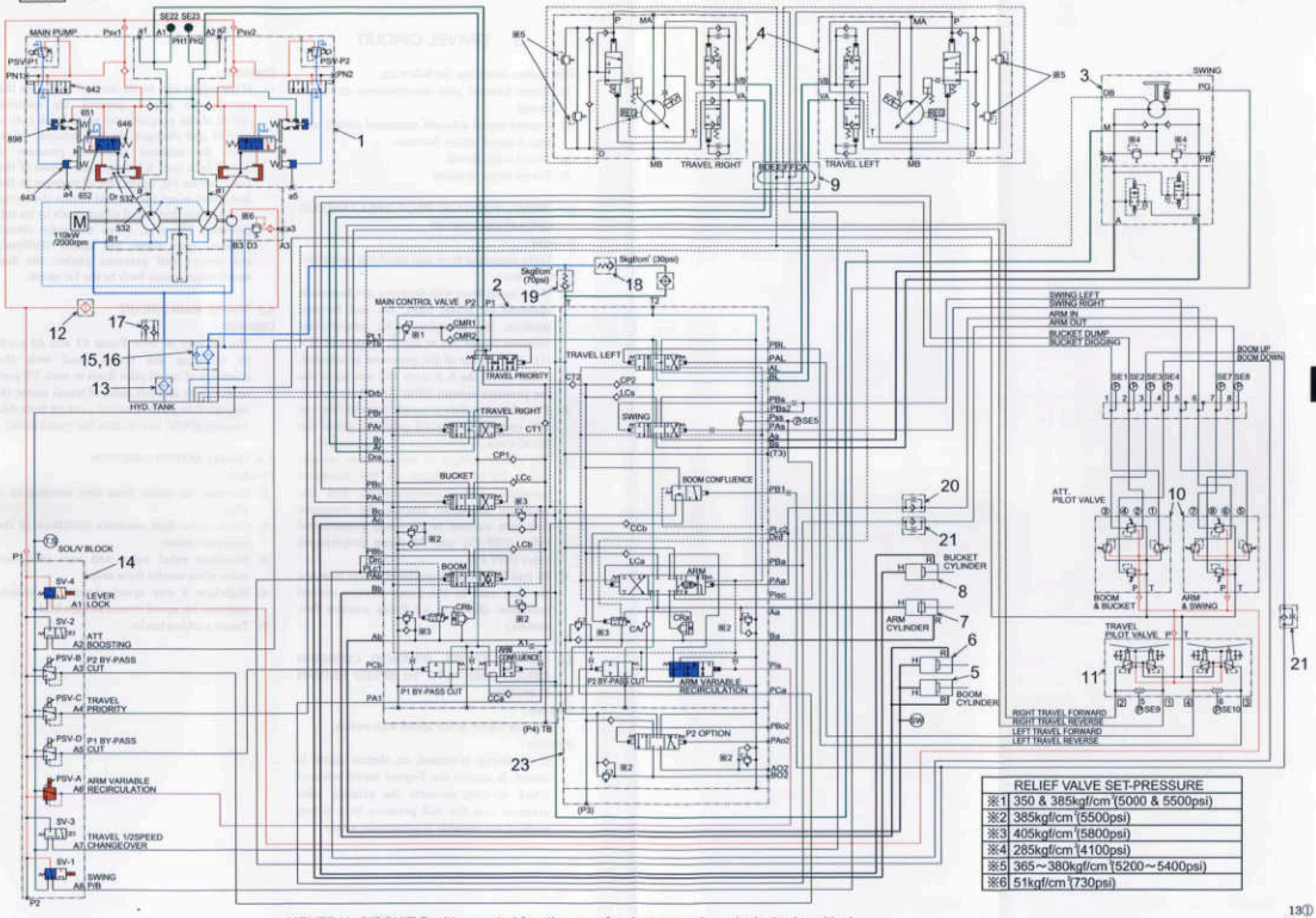
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KCME STD



RELIEF VALVE SET-PRESSURE	
※1	350 & 385kgf/cm²(5000 & 5500psi)
※2	385kgf/cm²(5500psi)
※3	405kgf/cm²(5800psi)
※4	285kgf/cm²(4100psi)
※5	365～380kgf/cm²(5200～5400psi)
※6	51kgf/cm²(730psi)

NEUTRAL CIRCUIT:Positive control function at safety lock lever down (unlocked position)

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