KOBELCO

SERVICE MANUAL

HYDRAULIC EXCAVATOR

MD450BLC

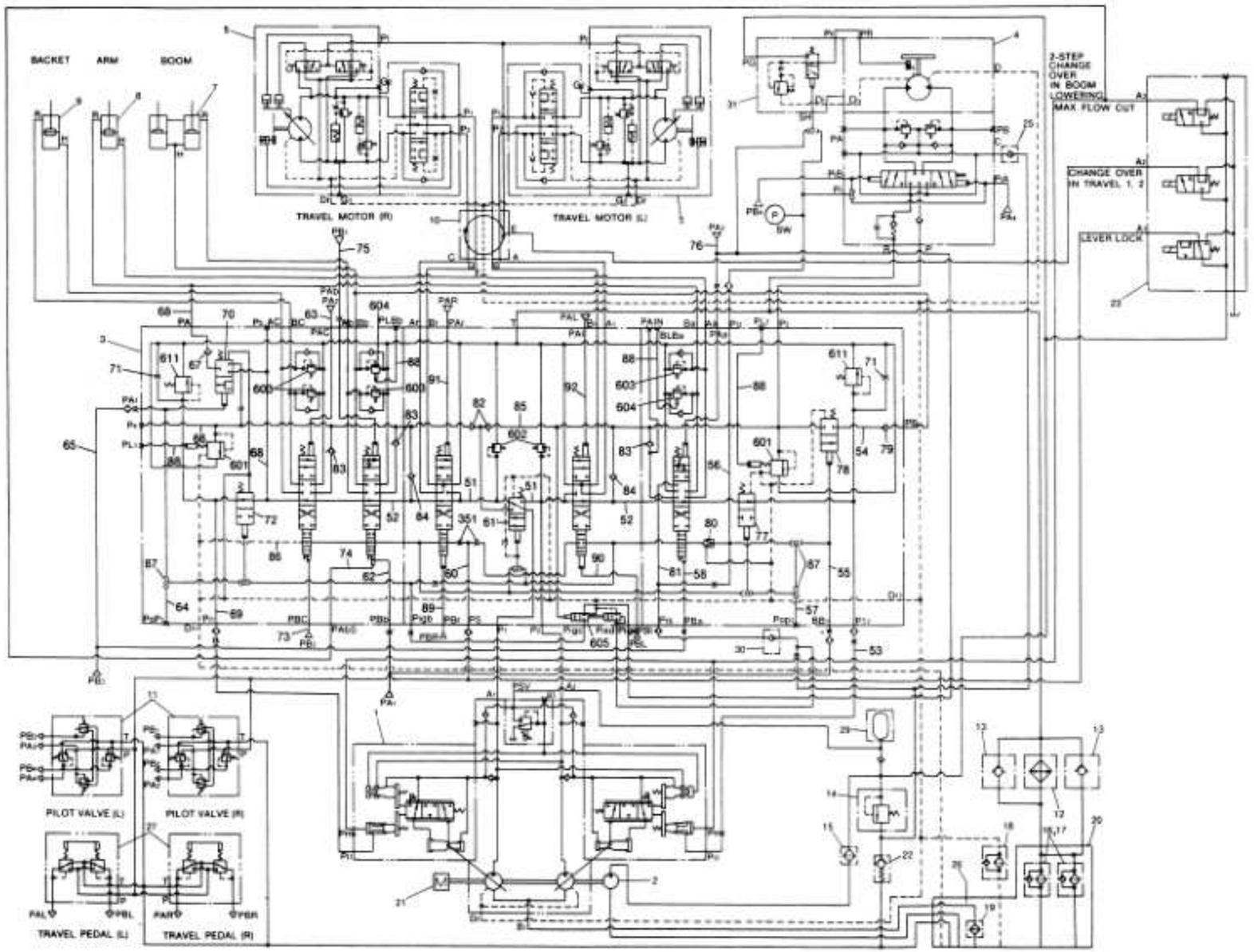
Applicable: MD450BLC YS0201~

S5YS0002E-01 04/89

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(5) Designatio of control circuits and valve name



No	Name	No	Name
1.	PUMP	62.	BOOM HOISTING PILOT LINE
2.	PUMP GEAR	63.	BUCKET DIGGING PILOT LINE
3.	VALVE CONTROL	64.	OPTION PILOT LINE (RH)
4.	MOTOR ASSY	65.	CONFLUENT SIGNAL LINE (RH)
5.	MOROR	66.	OPTION FOR BREAKER LINE
7.	CYLINDER	67.	ARM CONFLUENT FLOW CHECK VALVE
8.	CYLINDER	68.	ARM CONFLUENT FLOW CIRCUIT
9.	CYLINDER	69.	NAGATIVE CONTROL SIGNAL LINE (RH)
10.	JOINT SWIVEL	70.	ARM CONFLUENT FLOW CHANGEOVER VALVE
11.	VALVE PILOT	71.	NAGATIVE ORIFICE
12.	OIL COOLER	72.	NEUTRAL CUT VALVE (RH)
13.	VALVE CHECK	73.	BUCKET DAMPING PILOT LINE
14.	VALVE RELIEF	74.	BOOM LOWERING 2-STEP CHANGEOVER PILOT LINE
15.	FILTER LINE	75.	BOOM LOWERING PILOT LINE
16.	ELEMENT FILTER	76.	ARM DIGGING PILOT LINE
17.	VALVE ASSY	77.	NEUTRAL CUT VALVE (LH)
18.	FILTER DRAIN	78.	BOOM CONFLUENT FLOW CHANGEOVER VALVE
19.	SUCTION STRAINER	79.	BOOM CONFLUENT FLOW CHECK VALVE
20.	TANK ASSY HYDR	80.	LOGIC VALVE
21.	ENGINE ASSY	81.	ARM REGENERATION PILOT LINE
22.	VALVE CHECK	82.	CHECK VALVE
23.	VALVE SOLENOID	83.	LOAD CHECK VALVE
25.	VALVE CHECK	84.	CHECK VALVE
26.	SOHATIC AIR LINE	85.	PARALLEL LINE
27.	VALVE PILOT	86.	SIDE BYPASS LINE
29.	ACCUMULATOR	87.	SHUTTLE VALVE
30.	VALVE RESTRICTOR	88.	HEAVY LIFT BOOST PRESSURE (O.P.T)
31.	VALVE REDUCING	89.	TRAVEL RH RETREAT P.L
51.	MAIN PATH	90.	TRAVEL LH RETREAT P.L
52.	BYPASS PATH	91.	TRAVEL RH ADVANCE P.L
53.	NAGATIVE CONTROL SIGNAL LINE	92.	TRAVEL LH ADVANCE P.L
54.	BOOM CONFLUENT FLOW LINE	351.	ORIFICE
55.	CONFLUENT SIGNAL LINE (LH)	601.	MAIN RELIEF VALVE
56.	SWING PILOT LINE	602.	TRAVEL RELIEF VALVE
57.	OPTION PILOT LINE (LH)	603.	PORT RELIEF VALVE
58.	ARM EXTRUSION PILOT LINE	604.	PORT RELIEF VALVE
60.	SERVO PRESSURE CIRCUIT	605.	ARM CONFLUENT FLOW & REGENERATION CUT SEQUENCE VALVE
61.	TRAVEL PREFERENTIAL CHAGEOVER	611.	LOW-PRESSURE RELIEF VALVE

Fig. 10

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