CEBM011605

Shop Manual

KOMATSU®

WA250-5L
WA250PT-5L

WHEEL LOADER – WASTE HANDLER

SERIAL NUMBERS

WA250-5L **A73001** and UP

WA250PT-5L **A79001**

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CONTENTS

01	GENERAL	01-1
10	STRUCTURE AND FUNCTION	10-1
20	TESTING, ADJUSTING AND TROUBLESHOOTING	20-1
30	DISASSEMBLY AND ASSEMBLY	30-1
90	OTHER	90-1

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FRONT 30-61
REAR 30-63
AXLE MOUNTING AND CENTER HINGE CARIER 30-66
STEERING PIPING SYSTEM 30-71
STEERING COLUMN 30-72
PRIORITY VALVE 30-73
ORBIT-ROLL VALVE 30-76
STEERING WHEEL IN NEUTRAL 30-78
STEERING WHEEL TURNED (TURNING LEFT) 30-80
CONNECTION BETWEEN HAND PUMP AND SLEEVE 30-81
2-WAY RESTRICTOR VALVE 30-83
STEERING CYLINDER 30-84
EMERGENCY STEERING PIPING 30-86
EMERGENCY STEERING VALVE 30-88
BRAKE PIPING 30-91
BRAKE VALVE 30-92
INCHING VALVE 30-97
CHARGE VALVE 30-98
ACCUMULATOR (FOR BRAKE) 30-102
SLACK ADJUSTER 30-104
BRAKE 30-106
FRONT 30-106
REAR 30-108
PARKING BRAKE CONTROL 30-110
PARKING BRAKE 30-111
HYDRAULIC PIPING 30-112
WA250PT-5L 30-112
WA250PT-5L 30-114
WORK EQUIPMENT LEVER LINKAGE 30-116
WA250-5L 30-116
MULTI-FUNCTION JOYSTICK TYPE 30-116
JOYSTICK TYPE (IF EQUIPPED) 30-117
WA250PT-5 30-118
MULTI-FUNCTION JOYSTICK TYPE 30-118
JOYSTICK TYPE (IF EQUIPPED) 30-119
HYDRAULIC TANK 30-120
BREATHER 30-121
PREVENTION OF NEGATIVE PRESSURE IN TANK 30-121
PREVENTION OF RISE OF PRESSURE IN TANK 30-121
4-GEAR PUMP UNIT 30-122
ACCUMULATOR (FOR PPC CIRCUIT) 30-124
LOCK VALVE 30-124
BY-PASS VALVE 30-125
WA250-5L 30-125
WHEN LIFT ARM IS "RAISED" 30-126
WHEN LIFT ARM IS "LOWERED" 30-127
WA250PT-5L 30-128
WHEN BUCKET IS "DUMP" IN FAST MODE (FROM TILT-BACK POSITION TO JUST BEFORE DUMP END) 30-129

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WHEN BUCKET IS "DUMP" IN FAST MODE (FROM JUST BEFORE DUMP END TO DUMP END) 30-130
QUICK COUPLER SOLENOID VALVE 30-131
E.C.S.S. VALVE (IF EQUIPPED) 30-132
ACCUMULATOR (FOR E.C.S.S.) (IF EQUIPPED) 30-134
HYDRAULIC PIPING OF COOLING SYSTEM 30-135
COOLING FAN MOTOR 30-136
WORK EQUIPMENT CONTROL VALVE 30-139
2-SPOOL VALVE 30-139
3-SPOOL VALVE 30-143
RELIEF VALVE 30-146
SAFETY SUCTION VALVE 30-147
SUCTION VALVE 30-148
OPERATION OF THE WORK EQUIPMENT CONTROL VALVE 30-149
NEUTRAL POSITION OF THE LIFT ARM AND BUCKET SPOOLS 30-149
RAISE POSITION OF THE LIFT ARM SPOOL 30-150
LOWER POSITION OF THE LIFT ARM SPOOL 30-151
FLOAT POSITION OF THE LIFT ARM SPOOL 30-152
ROLL BACK POSITION OF THE BUCKET SPOOL 30-153
DUMP POSITION OF THE BUCKET SPOOL 30-154
WORK EQUIPMENT PPC VALVE 30-155
WHEN IN NEUTRAL 30-157
WHEN IN FINE CONTROL 30-158
WHEN LEVER IS OPERATED TO STROKE END 30-159
WHEN LIFT ARM IS FLOATED 30-159
WHEN FLOAT STATE OF LIFT ARM IS RESET 30-159
ATTACHMENT PPC VALVE (IF EQUIPPED) 30-160
AT THE NEUTRAL POSITION 30-162
AT THE FINE CONTROL POSITION 30-162
AT FULL STROKE 30-163
WORK EQUIPMENT LINKAGE 30-164
WA250-5L 30-164
WA250PT-5L 30-166
BUCKET 30-168
WA250-5L 30-168
WA250PT-5L 30-170
BUCKET POSITIONER, BOOM KICK-OUT, AND DUMP SPEED 30-172
WA250-5L 30-172
BUCKET POSITIONER 30-173
BOOM KICK-OUT 30-173
OPERATION OF PROXIMITY SWITCH 30-174
WA250PT-5L 30-180
BUCKET POSITIONER OR FORK POSITIONER 30-181
BOOM KICK-OUT 30-181
DUMP SPEED CONTROL 30-181
OPERATION OF PROXIMITY SWITCH 30-182
WORK EQUIPMENT CYLINDER 30-190
WA250-5L 30-190
LIFT CYLINDER 30-190

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No.	Check item	Criteria		Remedy
5	Wear of cutting edge (Thickness)	Standard size	Repair limit	Turn over or replace
		31.8 mm (1.252 in)	19 mm (0.748 in)	
6	Wear of cutting edge (Length)	90 mm (3.543 in)	5 mm (0.197 in)	
7	Wear of bucket tooth	51 mm (2.008 in)	21 mm (0.827 in)	Replace
8	Clearance of adapter mount	Max. 0.5 mm (0.020 in)	—	Adjust or replace

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CATEGORIES, PROCEDURE, AND METHOD OF USING TROUBLESHOOTING CHARTS

1. Categories of troubleshooting codes
   - ★ If the machine monitor displays a failure code, the name of the controller is also displayed at the same time, so the troubleshooting codes are categorized according to the name of each controller. (This may also includes some failure codes for the electrical system that are not displayed)
   - ★ Failures of the hydraulic and mechanical system that the machine monitor cannot display are categorized as H mode.

Failure code	System for troubleshooting
HST	Troubleshooting of HST controller system
MON	Troubleshooting of machine monitor system
E	Troubleshooting of electrical system
H	Troubleshooting of hydraulic, mechanical system
Engine	Troubleshooting of engine (see 102 Series engine shop manual)

2. Procedure for troubleshooting
   - ★ If a problem occurs on the machine, or if any problem is felt, carry out troubleshooting as follows.

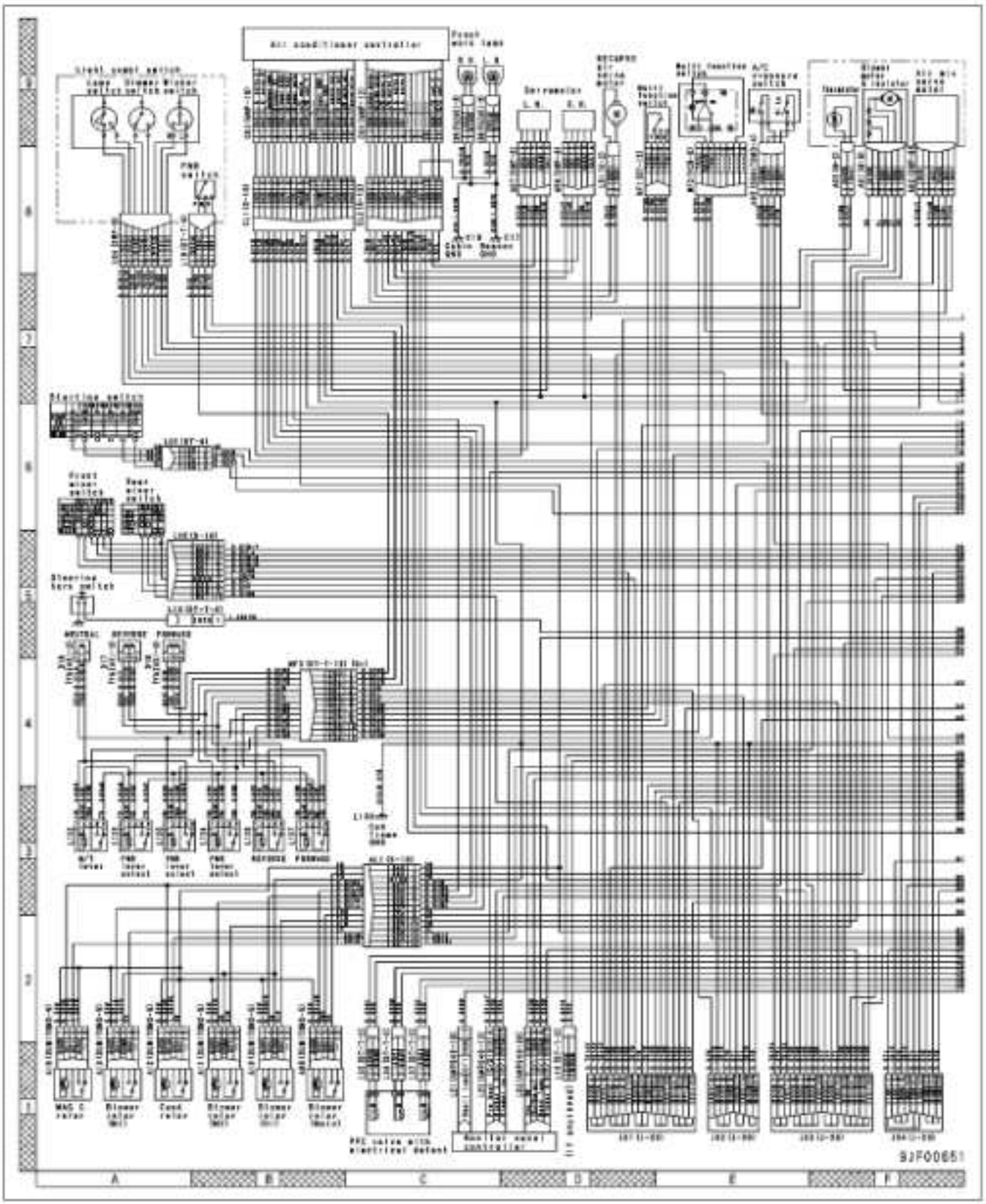
   A. When failure code is displayed on machine monitor.
   If a failure code is displayed on the machine monitor at the same time as the problem occurs, check the content of the display, then go to the applicable troubleshooting for the failure code.

   B. If no failure code is displayed on the machine monitor but the failure is recorded in memory.
   If it is impossible to check the failure code display on the machine monitor when a problem occurs, use the troubleshooting history display function in the service mode of the machine monitor to check if there is a failure code.
   If a failure code is recorded, it is probable that it is the cause, so go to the applicable troubleshooting for the failure code.

   C. If no failure code is displayed and no failure history is recorded.
   If it is impossible to check the failure display on the machine monitor when a problem occurs, and there is also no failure code recorded in the troubleshooting history display function in the service mode of the machine monitor, it is probable that are problem has occurred in the hydraulic or mechanical system or in the electrical system that the controller cannot detect.
   In such a case, check the condition of the failure carefully, then go to the applicable troubleshooting for the failure.

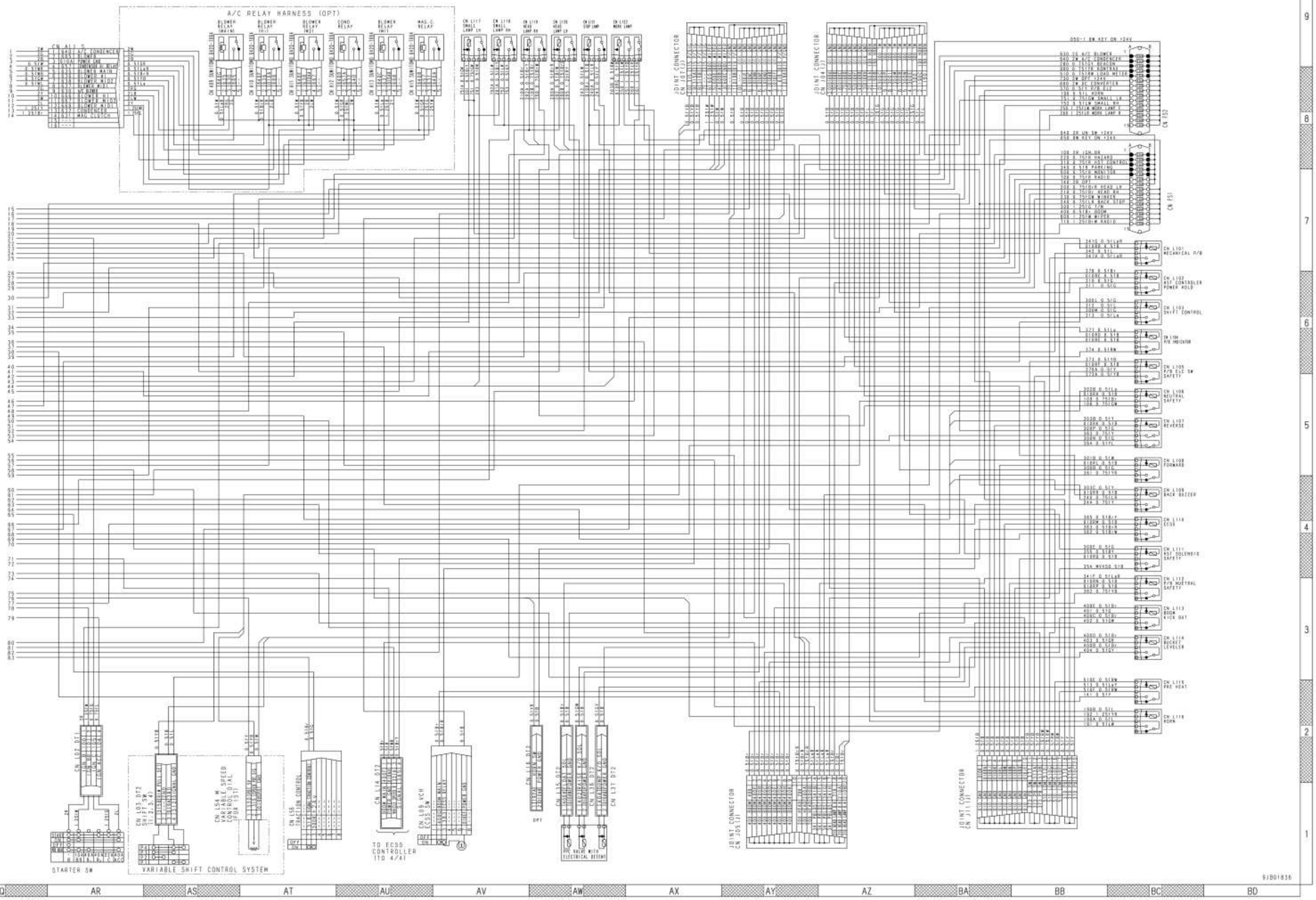
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ELECTRICAL SYSTEM CIRCUIT DIAGRAM



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ELECTRICAL CIRCUIT DIAGRAM 1/4 (4/4)
(Machines equipped with ROPS cab)



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