

SECTION 1 GENERAL

Group 1 Safety Hints	1-1
Group 2 Specifications	1-9

SECTION 2 STRUCTURE AND FUNCTION

Group 1 Pump Device	2-1
Group 2 Main Control Valve	2-6
Group 3 Swing Device	2-35
Group 4 Travel Device	2-46
Group 5 RCV Lever	2-56
Group 6 RCV Pedal	2-65

SECTION 3 HYDRAULIC SYSTEM

Group 1 Hydraulic Circuit	3-1
Group 2 Main Circuit	3-3
Group 3 Pilot Circuit	3-6
Group 4 Single Operation	3-11
Group 5 Combined Operation	3-23

SECTION 4 ELECTRICAL SYSTEM

Group 1 Component Location	4-1
Group 2 Monitoring system	4-3
Group 3 Electrical Circuit	4-7
Group 4 Electrical Component Specification	4-19
Group 5 Connectors	4-24

SECTION 5 TROUBLESHOOTING

Group 1 Before Troubleshooting	5-1
Group 2 Hydraulic and Mechanical System	5-4
Group 3 Electrical System	5-24

SECTION 6 MAINTENANCE STANDARD

Group 1 Operational Performance Test	6-1
Group 2 Major Components	6-20
Group 3 Track and Work Equipment	6-30

SECTION 7 DISASSEMBLY AND ASSEMBLY

Group 1 Precaution	7-1
Group 2 Tightening Torque	7-4
Group 3 Pump Device	7-7
Group 4 Main Control Valve	7-20
Group 5 Swing Device	7-34
Group 6 Travel Device	7-50
Group 7 RCV Lever	7-80
Group 8 Turning Joint	7-96
Group 9 Boom, Arm and Bucket Cylinder	7-101
Group 10 Undercarriage	7-121
Group 11 Work Equipment	7-132