

CONTENTS

SECTION 1 GENERAL

Group 1 Safety hints	1-1
Group 2 Specifications	1-5
Group 3 Periodic replacement	1-13

SECTION 2 REMOVAL AND INSTALLATION OF UNIT

Group 1 Structure	2-1
Group 2 Removal and installation of unit	2-2

SECTION 3 POWER TRAIN SYSTEM

Group 1 Structure and operation	3-1
Group 2 Troubleshooting	3-20
Group 3 Disassembly and assembly	3-26

SECTION 3 POWER TRAIN SYSTEM (Option, HD Transmission and Drive Axle)

Group 1 Structure and operation	3-88
Group 2 Disassembly and assembly	3-102
Group 3 Maintenance and troubleshooting	3-146

SECTION 4 BRAKE SYSTEM

Group 1 Structure and function	4-1
Group 2 Operational checks and troubleshooting	4-10
Group 3 Tests and adjustments	4-14

SECTION 5 STEERING SYSTEM

Group 1 Structure and function	5-1
Group 2 Operational checks and troubleshooting	5-13
Group 3 Disassembly and assembly	5-15

SECTION 6 HYDRAULIC SYSTEM

Group 1 Structure and function	6-1
Group 2 Operational checks and troubleshooting	6-41
Group 3 Disassembly and assembly	6-45

SECTION 7 ELECTRICAL SYSTEM

Group 1 Component location	7-1
Group 2 Electrical circuit	7-3

Group 3 Component Specification	7-20
Group 4 Connector Destination	7-21
Group 5 Troubleshooting	7-26

SECTION 8 MAST

Group 1 Structure	8-1
Group 2 Operational Checks and Troubleshooting	8-5
Group 3 Adjustment	8-8
Group 4 Removal and Installation	8-11