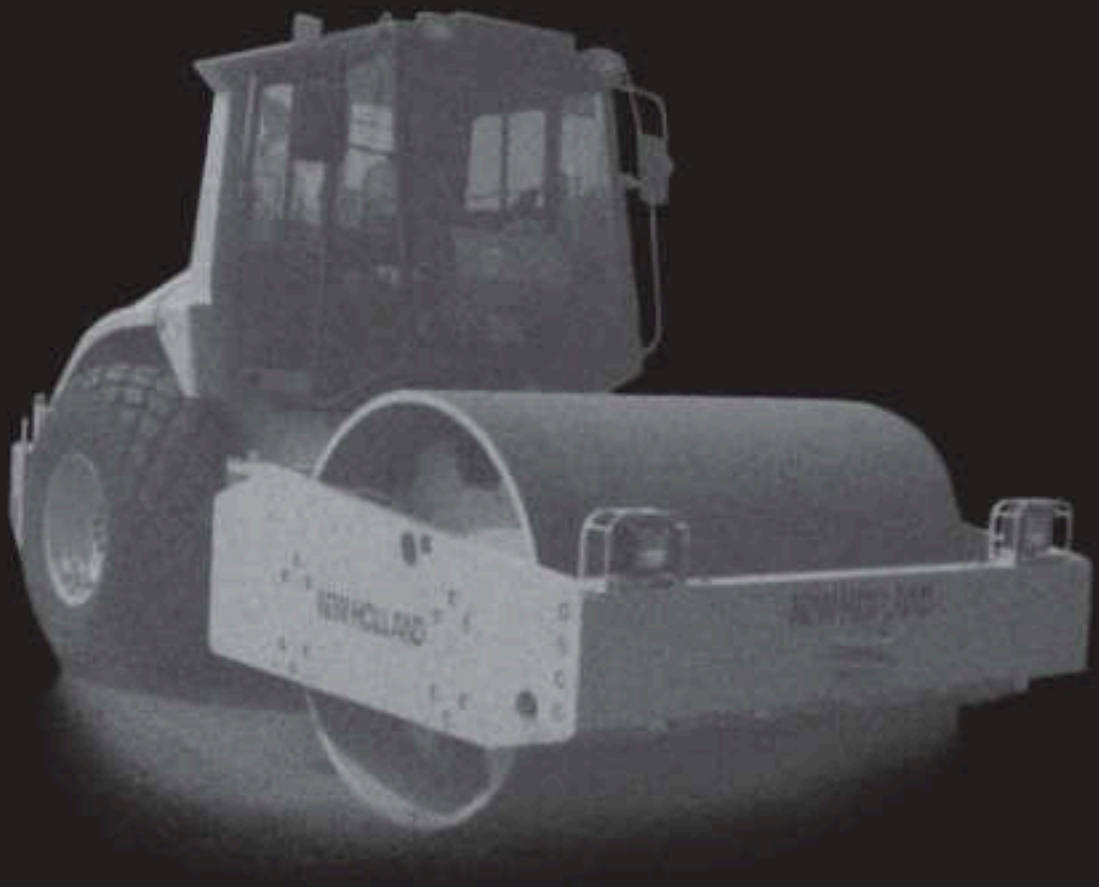
SERVICE MANUAL

Compactors CV700 - CV900 - CV1100 - CV1500 - CV2000 - CV2500



NEW HOLLAND
CONSTRUCTION

MidWestTech | New Holland CV700, CV900, CV1100, CV1500, CV2000, CV2500 Compacto...

Order the manual at mid-west-tech.com >

CONTENTS

SECTION 00 - MAINTENANCE

Chapter 1 - General Instructions

Description	Page
Introduction	1
Safety instructions	2
Environmental measures and health precautions	5
Product identification	7
Torque specifications	8

SECTION 00 - MAINTENANCE

Chapter 2 - General Specifications

Description	Page
Description of the machine	1
Fluids and lubricants	2
Specifications	5
Overall machine dimensions	10

SECTION 00 - MAINTENANCE

Chapter 3 - Troubleshooting

Description	Page
Troubleshooting - Engine	2
Troubleshooting - Hydraulic system oil overheating - emulsifying	3
Troubleshooting - Vibration	3
Troubleshooting - Travel	5
Troubleshooting - Brakes	6
Troubleshooting - Steering	6

SECTION 00 - MAINTENANCE

Chapter 4 - Special service tools

Description	Page
Tools and equipment	1

MidWestTech | New Holland CV700, CV900, CV1100, CV1500, CV2000, CV2500 Compacto... Order the manual at mid-west-tech.com >

SECTION 10 - ENGINE

Chapter 1 - Removal and installation

Description	Page
Specifications	1
Description	2
Torque specifications	4
Special tools	4
Removal	6
Installation	13
Accelerator cable assembly removal and installation	13

SECTION 21 - TRANSMISSION

Chapter 1 - Hydraulic motor

Description	Page
Description	2
Specifications	3
Torque specifications	3
Disassembly	3
Reconditioning and replacement	5
Assembly	8

SECTION 21 - TRANSMISSION

Chapter 2 - Travel reduction gear

Description	Page
Specification	1
Torque specifications	2
Special tools	2
Exploded view of travel brake	6
Disassembly and assembly	7
Brake test	9
Exploded view	10
Disassembly and assembly	11

SECTION 29 - HYDROSTATIC DRIVE

Chapter 1 - Pumps - Drive coupling

Description	Page
Specifications	1
Torque specifications	1
Description	2
Special tools	3
Removal of pumps, Drive coupling	3
Drive coupling	7

MidWestTech | New Holland CV700, CV900, CV1100, CV1500, CV2000, CV2500 Compacto... Order the manual at mid-west-tech.com >

SECTION 35 - HYDRAULIC SYSTEM

Chapter 1 - Hydraulic cylinders for Cab and Hood

Description	Page
Torque Specifications	1
Description	2
Special tools	3
Hood hydraulic cylinders	5
Cab hydraulic cylinder	7
Hydraulic cylinders	7

SECTION 35 - HYDRAULIC SYSTEM

Chapter 2 - Vibration Motor

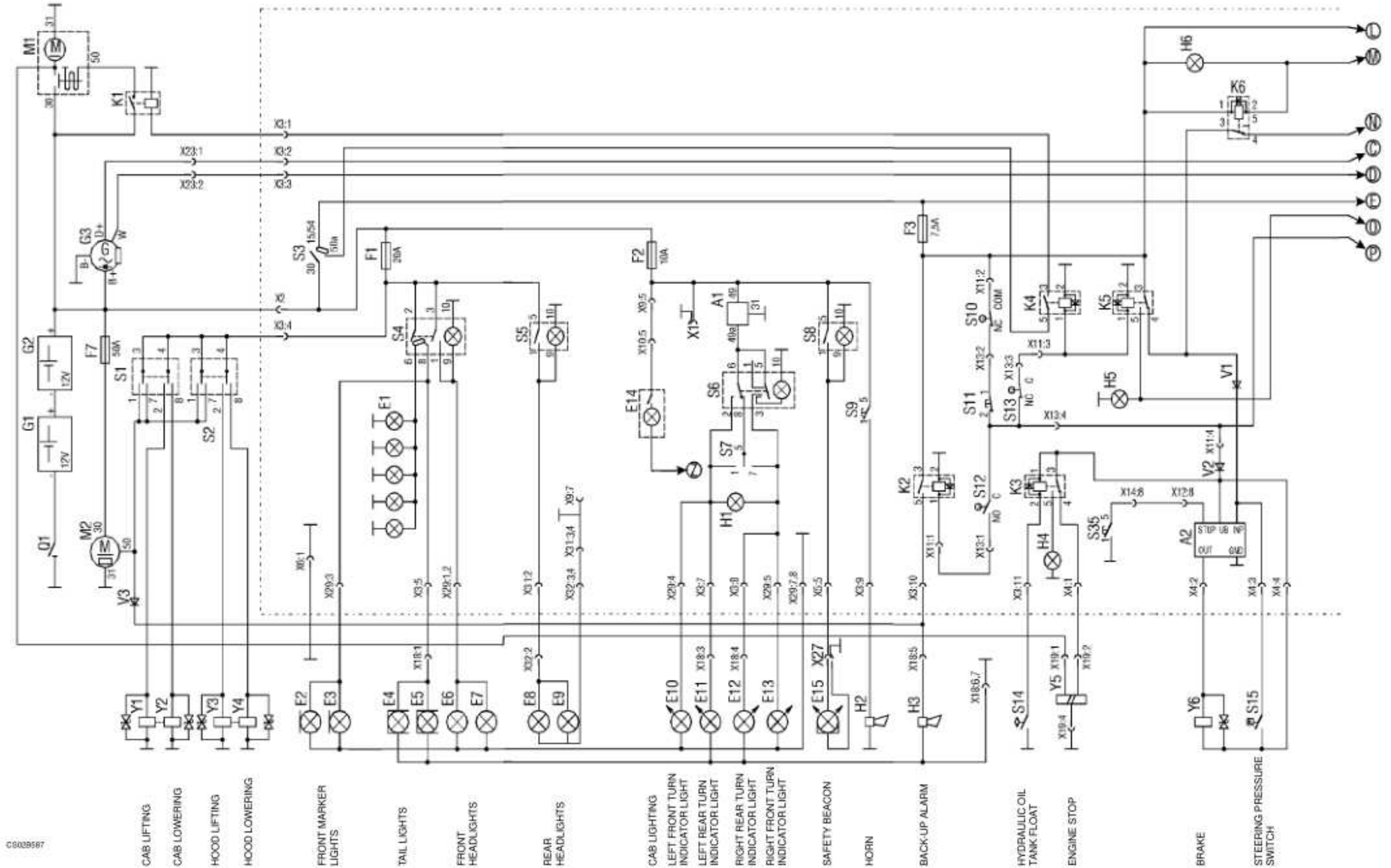
Description	Page
Specifications	1
Torque specifications	1
Description	2
Disassembly	3
Assembly	8
Supply pressure relief valve adjustment	12

SECTION 35 - HYDRAULIC SYSTEM

Chapter 3 - Hydraulic circuit

Description	Page
Hydraulic installation	2
Functional description	2
Travel without activation	3
Travel activated, moving forward	4
The multi-function valve	5
The idler-wheel lock-block on the flow divider	6
ASC valve	7
Vibration hydraulics	8
Vibration without activation	8
Vibration activated	10
Steering hydraulics	12
Steering without activation	13
Steering to the right	14
Lifting hydraulics	15
Lifting of the cab or hood	16
Lowering the cab and hood	17
Reservoir hydraulics	18
Hydraulic reservoir	18
Discharging of closed circuits	19
Brake release - emergency towing	20
Test points	21
Releasing transmission and wheel hydraulic motor brakes	23
Hydraulic diagram	26

MidWestTech | New Holland CV700, CV900, CV1100, CV1500, CV2000, CV2500 Compacto... Order the manual at mid-west-tech.com >



CS039587

1

Order the manual at mid-west-tech.com >