

CROWN



Service Manual
Wartungshandbuch
Manuel de maintenance

WP2000 Series

CROWN

TABLE OF CONTENT

Page intentionally left blank
Seite absichtlich freigelassen
Page intentionnellement laissée blanche

Table of Content

MA – SAFETY

Safety Symbols used in the Manual	MA-1720-001
General Maintenance and Repair Safety Notes	MA-1720-001
Maintenance and Repair	MA-1720-001
Before Leaving the Truck	MA-1720-002
Before Carrying out Work on the Truck	MA-1720-002
Before Operating the Truck	MA-1720-002
Warnings and Labels on the Truck	MA-1720-002

ITD – INTRODUCTION

General	ITD-1720-001
Structure of the Manual	ITD-1720-001
Page Numbers	ITD-1720-003
Operating instruction	ITD-1720-003
Service training	ITD-1720-003
Replacement parts orders	ITD-1720-003
Truck Data Numbering Sheet	ITD-1720-004

M1 – LUBRICATION AND ADJUSTMENT

Component Access	M1.0-1720-001
Jacking up the Truck	M1.0-1720-001
Lifting by Crane	M1.0-1720-001
Lifting by Truck	M1.0-1720-002
Components	M1.0-1720-003
Maintenance	M1.1-1720-001
Driver Participation	M1.1-1720-001
Daily Maintenance Log	M1.1-1720-001
Recommended Lubricants and Oils	M1.1-1720-001
Lubricants	M1.1-1720-001
Cold Store Trucks	M1.1-1720-001
Check and Maintenance Schedule	M1.2-1720-001
Safety Reverse Switch - Functional Test	M1.2-1720-003
Grease items and grease intervals	M1.2-1720-010
Castors	M1.5-1720-001
Torques	M1.9-1720-001

M2 – HYDRAULICS

Hydraulic Symbols	M2.0-1720-001
Hydraulic System	M2.1-1720-001
Operation	M2.1-1720-001
Removal	M2.2-1720-001
Filter	M2.2-1720-002
Pressure Filter	M2.2-1720-002
Suction and Return Filters	M2.2-1720-002
Oil Change	M2.2-1720-002
Hydraulic Pump	M2.3-1720-001
Commissioning	M2.3-1720-001

M3 – DRIVE UNIT

Gear Unit	M3.1-1720-001
Oil Change	M3.1-1720-001
Gear Unit Assembly / Disassembly	M3.1-1720-003
Drive Motor Disassembly	M3.1-1720-003
Pinion Shaft Disassembly	M3.1-1720-003
Driven Shaft Disassembly	M3.1-1720-003

Driven Shaft Assembly	M3.1-1720-003
Pinion Shaft Assembly	M3.1-1720-003
Drive Motor Pre-Assembly	M3.1-1720-004
Housing Lid Assembly	M3.1-1720-004
Drive Motor Assembly	M3.1-1720-004
Drive Unit Assembly	M3.1-1720-004
M4 – ELECTRICS	
Electrics - General	M4.0-1720-001
Wire Colour Codes	M4.0-1720-001
Abbreviations	M4.0-1720-002
Electrical Symbols	M4.0-1720-004
Electrical Components	M4.2-1720-001
Transmitter (POT, FS, RS)	M4.2-1720-001
Fast / Slow Travel Switch (HSS)	M4.2-1720-001
Reverse Safety Switch (SAS)	M4.2-1720-001
Brake Switch (BRS)	M4.2-1720-001
Override Switch (ORS)	M4.2-1720-001
Lift / Lower Switch (RAS, LOS)	M4.2-1720-002
Limit Switch (LMS)	M4.2-1720-002
Horn Switch (HNS)	M4.2-1720-002
Key Switch (KYS)	M4.2-1720-002
Emergency Disconnect	M4.2-1720-002
Fuses (FU)	M4.2-1720-002
ZAPI SEM Zero Traction Controller	M4.3-1720-001
General	M4.3-1720-001
Precautionary Measures	M4.3-1720-001
Operational Features	M4.3-1720-001
Speed Control	M4.3-1720-001
Reduced Speed Ranges	M4.3-1720-001
Downhill Speed Control	M4.3-1720-001
Regenerative Braking	M4.3-1720-001
Anti - Roll Down Function	M4.3-1720-001
Hourmeter	M4.3-1720-002
Self Test	M4.3-1720-002
Monitored Circuits	M4.3-1720-002
Protective Devices	M4.3-1720-002
Polarity Protection	M4.3-1720-002
Wiring Errors	M4.3-1720-002
Temperature	M4.3-1720-002
Start Sequence	M4.3-1720-002
Safety Class	M4.3-1720-002
Maintenance	M4.3-1720-003
ZAPI SEM Zero Traction Controller Connections	M4.3-1720-004
ZAPI SEM Zero Pin Layout	M4.3-1720-005
Status LED	M4.3-1720-006
Programmer	M4.4-1720-001
General	M4.4-1720-001
Operating Menu ZAPI SEM Zero Controller	M4.4-1720-002
General	M4.4-1720-002
Operating Menu - Overview	M4.4-1720-003
Menu Functions	M4.4-1720-003
Settings and Alarms	M4.5-1720-001
PARAMETER CHANGE Menu	M4.5-1720-001
TESTER Menu	M4.5-1720-002
ALARMS Menu	M4.5-1720-003
PROGRAM VACC Menu	M4.5-1720-005
CONFIG Menu	M4.5-1720-006
Traction Controller Safety Test	M4.20-1720-001



Thank you very much
for your reading.
Please click here
to get more information.