

CROWN



Overview of Revisions:

Page 3	Rev.1 04/00	General corrections and additions to the text. Reference to authorised service personnel added.
Page 85	Rev.1 09/02	In table E-09 battery supply changed from 48 V to 24 V.
Page 78	Rev.1 09/02	In table E-02: emergency disconnect switch test description changed.
Page 96	Rev.1 09/02	Programmer / menu structure for the steering controller corrected, missing tables (alarms etc.) inserted on the following pages.
Page 102	Rev.1 09/02	Remote control for platform: diagram and photo added to clarify application and connection. Text corrected.
Page 114	Rev.1 09/02	Diagram and description of brake corrected, as only a single stage brake is used.
Page 115	Rev.1 09/02	Diagram of brake corrected, as only a single stage brake is used.
Page 169	Rev.1 09/02	Crown abbreviations added to the wiring diagram in brackets.
Page 173 ff.	Rev. 2 09/02	Explanations in table Hyd_Dia-1-GB corrected. Hydraulic diagram references to truck types and variants corrected.

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SAFETY

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Safety Symbols used in the Manual

To help guide you through the manual and to highlight particular danger areas, we have used graphic illustrations:

DANGER



This symbol indicates life-threatening risks

- Failure to comply with this notice may result in severe or fatal injuries to yourself or other people.

WARNING



This symbol indicates the risk of serious injury and/or serious material damage.

- Failure to comply with this notice may result in severe injuries to yourself or other people and/or serious material damage.

CAUTION



This symbol indicates the risk of minor injury and/or minor material damage.

- Failure to comply with this notice may result in minor injuries to yourself or other people and/or minor material damage.

INFORMATION



Contains additional information with supplementary notes and hints.

OPTION



These items relate to optional features not supplied with the standard version.

General Maintenance and Repair Safety Notes

DANGER



Read the safety notices in the truck Maintenance and Operator's Manuals.

- Failure to do so could result in severe or fatal injuries to maintenance personnel and/or other persons.

Motorised vehicles can be dangerous if maintenance and service are neglected. For this reason maintenance and inspections must be carried out at regular short intervals by trained personnel working to approved company guidelines.

DANGER



Follow all national/local safety regulations applicable for maintenance work, e.g. for work on higher levels.

- Failure to do so could result in severe or fatal injuries to maintenance personnel and/or other persons.

Maintenance and Repair

1. Maintenance work must only be carried out in accordance with the test and maintenance program contained in the present Maintenance Manual and any applicable service notices.
2. Only qualified and authorised personnel may carry out work on the truck.
3. Always keep fire extinguishers in good working condition. Do not approach fluid levels or leaks with a naked flame.
4. To clean, use a non flammable, non combustible cleaning solution which is groundwater-neutral. Only carry out cleaning with an oil separator. Protect the electrical system from dampness.
5. Keep the service area clean, dry and well-ventilated.
6. Do not allow oil to penetrate the ground or enter the draining system. Used oil must be recycled. Oil filters and desiccants must be treated as special waste products. Relevant applicable regulations must be followed.
7. Neutralise and thoroughly rinse any spilled battery fluid immediately.

8. Keep the truck clean. This will facilitate the location of loose or faulty components.
9. Make sure that capacity and data plates, warnings and labels are legible at all times.
10. Alterations or modifications by the owner or operator are not permitted without the express written authorisation from Crown.
11. Only use original Crown spare parts to ensure the reliability, safety and suitability of the Crown truck.

Warnings and Labels on the Truck

During regular maintenance check that the warnings and labels on the truck are complete and legible.

- Clean any illegible labels.
- Replace any faulty or missing labels.

The order and meaning of the warnings and labels on the truck are described in section 10.9 of the parts manual.

Before Leaving the Truck

- Stop the truck.
- Lower the fork carriage fully.
- Apply the parking brake.
- Turn off the truck and remove the key.
- Block all wheels when parking on an uneven surface.

Before Carrying out Work on the Truck

- Raise the truck to free the drive wheel. Press the emergency Stop button and disconnect the battery.
- Prevent the truck from rolling away.
- Before carrying out work on the hoist frame, the lift mast or on the fork carriage: Block these parts according to maintenance instructions in order to prevent them from dropping.
- Only carry out operational testing when there is sufficient room to manoeuvre, to avoid the risk of injury to yourself and others.

Before Operating the Truck

- Check the safety devices.
- Get into the driver's seat.
- Check the operation of the lifting device, travel direction switch, speed control, steering, warning devices and brakes.

CROWN

INTRODUCTION

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