Maintenance Manual



GPC2000 Series

Rev. B • Printed in Germany

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Model-Number

This manual describes the maintenance and repairs for the following truck versions:

GPC2020

Modeldescription

Low Level Order Picker, 1.600 kg capacity

GPC2040

Modeldescription

Low Level Order Picker, 2.000 kg capacity

GPC2040S

Modeldescription

Rider Pallet Truck with Steering Wheel, 2.000 kg capacity

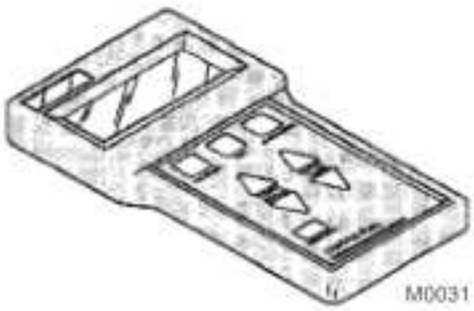
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Programmer

General

The optional Curtis PMC programmer allows the user to program, test and troubleshoot the traction controller. The programmer is connected to the impulse controller via a lead. The power supply to the programmer is provided by the controller (Fig. M0031).



M0031

Connection

DANGER

Jack up the truck before carrying out any work on or troubleshooting the controller. The drive wheel must not come into contact with the ground.

When connecting the programmer to the controller no brake switches may be applied until the programmer has read all the data from the controller. The programmer then displays the controller's model number, the date of manufacture and the software version. After this display the programmer will request further input.

Key Description

The programmer is operation via a control panel with 8 keys. Three keys are for selecting the function menu (Program, Test, Diagnostics), two keys scroll the window display up and down, and two keys change the setting of the selected parameter. The MORE INFO key provides additional information about the line selected in the three menus. Pressing the MORE INFO key and the PROGRAM or DIAGNOSTICS key at the same time allows you to access the special program menu or the special diagnostic menu (Fig. M0045-1).

With the exception of SCROLL DISPLAY, all keys are fitted with an LED. If the key is pressed, the LED lights up and displays the menu used. The LED in the CHANGE SETTING keys has a special function. It is permanently lit when the limit is reached and cannot be changed further in this direction.

Display

The display contains a 4-line LCD display. The display contrast can be changed in the SPECIAL PROGRAM MODE menu.

Four lines of a menu are displayed simultaneously. Other lines can be displayed with the SCROLL DISPLAY keys.

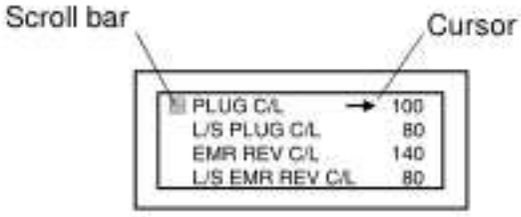
Specific menu items to be selected for editing must be in the top line. The selected menu item is highlighted in programming mode by a flashing arrow (=cursor). Only in this position can a parameter be modified or additional information called up.

SCROLL DISPLAY

The SCROLL DISPLAY keys are used to scroll up and down the menu. The SCROLL DISPLAY arrow keys can either be pressed repeatedly or held down.

When one of the keys is held down the display scrolls along with increasing speed until the key is released.

A small scroll bar on the left hand side of the display window indicates the position of the four menu items displayed relative to the overall menu. When the scroll bar is at the top border, it indicates the start of the menu. When it is positioned at the bottom border, the end of the menu has been reached. The example shown (Fig. M0032) is taken from the program menu:



M0032

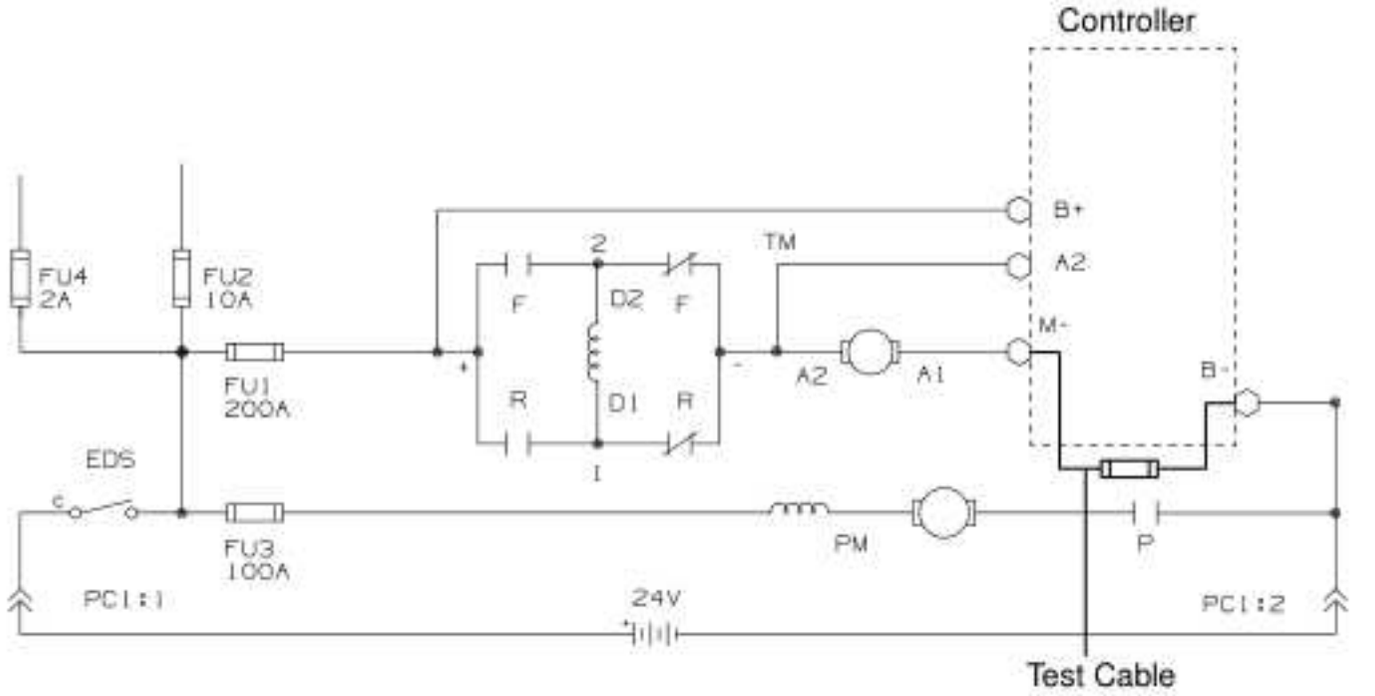
CHANGE SETTING

The CHANGE SETTING keys are used to increase or decrease the setting of the selected parameter in the menu. The CHANGE SETTING keys can either be pressed repeatedly or held down. The longer the key is held down, the quicker the parameter setting is changed.

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PMT- Test Wiring Diagram



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