Service Manual

LK1 Personnel Platform (Supplement)

⇨ *Introduction (1)*

⇨ *Service Procedures (9)*

⇨ *Electrics (52)*

⇨ *Hydraulics (160)*



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Table 4. Hydraulic Service Faults

	Possible Cause	Action
Boom fails to reach maximum angle when machine is in remote operation (4 stage boom only)	Safety system operation	Boom angle is automatically restricted for safety reasons (no fault)
One or more boom services start/ stop too slowly	Control sensitivity setting incorrect	Use JCB Servicemaster to set hydraulic sensitivity correctly. ⇨ *Manplatform Calibration - User Guide (30)*
One or more boom services start/ stop too suddenly	Control sensitivity setting incorrect	Use JCB Servicemaster to set hydraulic sensitivity correctly. ⇨ *Manplatform Calibration - User Guide (30)*
One or more boom services operate slowly (4 stage boom only)	Valve signal setting incorrect	Use JCB Servicemaster to set 540 valve correctly. ⇨ *Manplatform Calibration - User Guide (30)*
Platform slew function operates too slowly or too fast	Needle valve setting incorrect	Adjust needle valve to give correct ram operating speed. ⇨ *Needle Valve (Slewing Platforms only) (200)*

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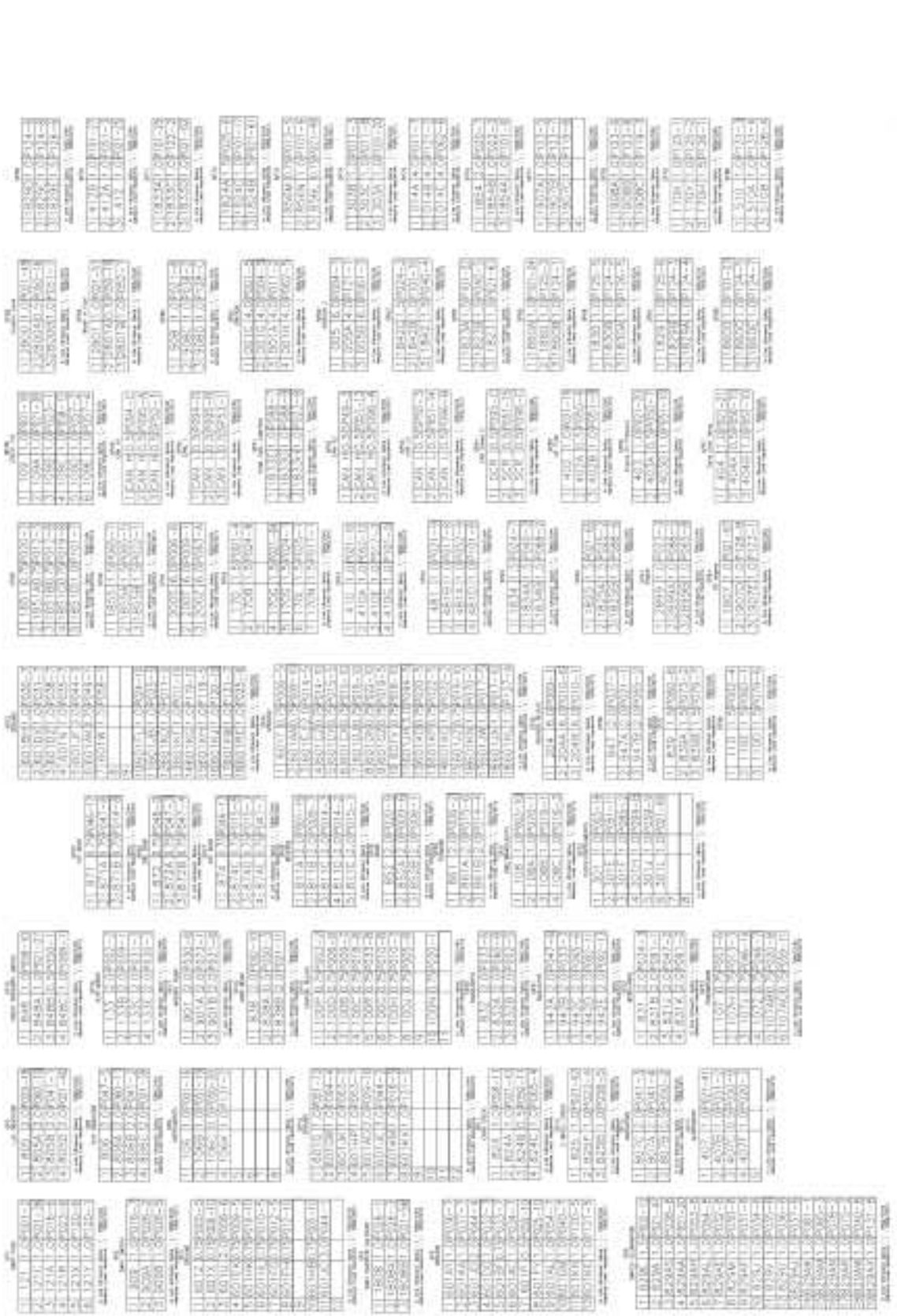


Fig 161. Panel Harness (Sheet 6 of 6)

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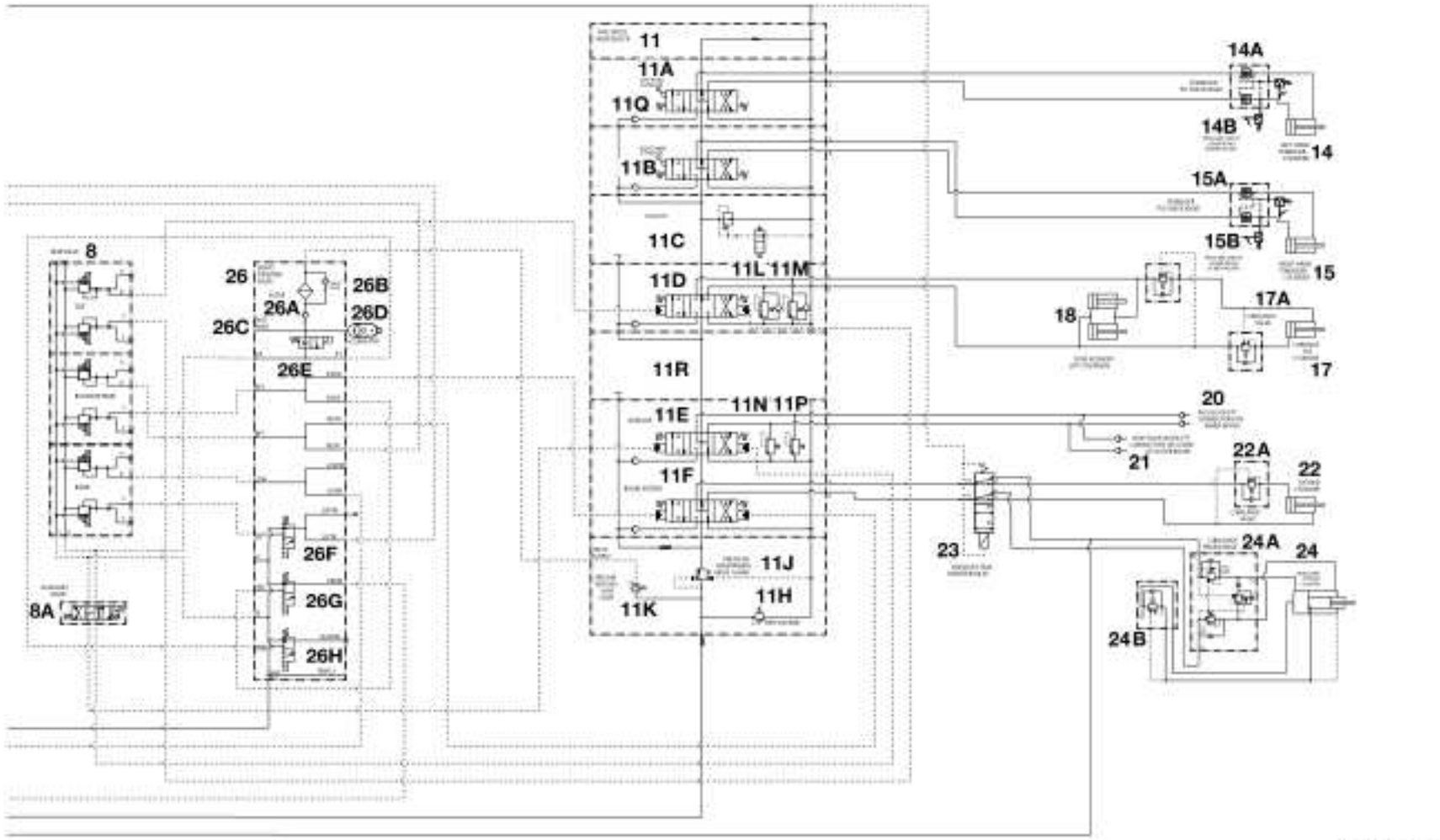


Fig 188. Machines with JCB Dieselmax Engines and 5 Spool Main Valve Block - Sheet 2 of 2

⇨ *Component Key (🗋 172)*

Sheet 1 of 2 ⇨ *Fig 187. (🗋 176)*

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Manplatform Diagnostics - User Guide



CD12988

Introduction

The **Manplatform Diagnostics** software tool is part of the **JCB Servicemaster** software suite.

Note: *This software also incorporates the calibration and set up for the LK1 platform. Refer to the correct part of the manual for set up and calibration procedures.*

Note: *This software guide is universal and some functions may not be available on particular machine variants.*

This software is intended for use on IBM Compatible Personal Computers **(PCs)** running **Windows 9x**, **Windows2000** and **WindowsXP** operating systems but is not compatible with either earlier versions of **Windows 3.x**. Ideally the computer should be a laptop type.

Care and Safety

⚠ WARNING

Be sure to read and follow any on screen instructions. Failure to follow correct procedure could result in death or injury.

2-4-5-5

Installing Manplatform Diagnostics

The **Manplatform Diagnostics** tool is fully integrated within JCB Servicemaster. To use Manplatform diagnostics you must install **JCB Servicemaster** onto a suitable laptop computer. Refer to the correct machine Service Manual.

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Manplatform Calibration - User Guide



CE12988

Introduction

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