

6110-6410, 6110L-6510L & 6310S-6510S Tractor Diagnostics

DIAGNOSIS AND TESTS SERVICE MANUAL

**6110, 6210, 6310, 6410, 6110L, 6310S, 6410S, 6510S, 6210L, 6310L,
6410L, 6510L (SN: 000000-270653, 270654-)**

TM4724 11MAR03 (ENGLISH)

For complete service information also see:

6110-6410, 6110L-6510L and
6310S-6510S Tractors - Repair **TM4574**

6110-6410, 6110L-6510L & 6310S-6510S
Tractors - Operation & Test **TM4572**

Alternators and Starting Motors **CTM77**

Front Wheel Drive Axles **CTM4509**

PowerTech™ 4.5L and 6.8L Diesel Engines
Mechanical Fuel Systems **CTM207**

PowerTech 4.5 L and 6.8 L OEM Diesel
Engines Level 4 Electronic Fuel System
With Bosch VP44 Pump

PowerTech 4.5L & 6.8L Diesel Engines
Tier 1/Stage I, Tier 2/Stage II, Tier 3/Stage
IIIA, Tier 3/Stage IIA Tier 3/Stage III, (Base
Engine) **CTM104**

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Foreword

This diagnostic manual applies to the following tractor types:

6110, 6210, 6310, 6410,

6110L, 6210L, 6310L, 6410L, 6510L,

6310S, 6410S, 6510S

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.



This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.

Technical Manuals are concise guides for specific machines. They are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes.



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for your reading.
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to get more information.