

344G and 444G 4WD Loader Repair



REPAIR TECHNICAL MANUAL

4WD Loaders models 344G, 444G

TM1558 22 FEB 05 (ENGLISH)

For complete service information also see:

344G, 444G 4WD Loader Diagnostic	TM1557
Series 300, 3029, 4039, 4045, 6059 and 6068 Diesel Engines	CTM8
Alternators and Starting Motors	CTM77
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



Table of contents

FOREWORD

HELP!! HELP!! HELP!! HELP!!

Section 00 - GENERAL INFORMATION

- Group 0001 - Safety
- Group 0002 - General Specifications
- Group 0003 - Torque Values
- Group 0004 - Fuels And Lubricants

Section 01 - WHEELS

- Group 0110 - Powered Wheels And Fastenings

Section 02 - AXLES AND SUSPENSION SYSTEMS

- Group 0200 - Removal And Installation
- Group 0210 - Differential Or Bevel Drive
- Group 0225 - Axle Shafts, Bearings And U-Joints
- Group 0250 - Axle Shaft, Bearings And Reduction Gears

Section 03 - TRANSMISSION

- Group 0300 - Removal And Installation
- Group 0315 - Controls Linkage
- Group 0350 - Gears, Shafts, Bearings, And Power Shift Clutch
- Group 0360 - Hydraulic System

Section 04 - ENGINE

- Group 0400 - Removal And Installation

Section 05 - ENGINE AUXILIARY SYSTEMS

- Group 0505 - Cold Weather Starting Aids
- Group 0510 - Cooling Systems
- Group 0515 - Speed Controls
- Group 0520 - Intake System
- Group 0560 - External Fuel Supply Systems

Section 07 - DAMPER DRIVE (FLEX COUPLING)

- Group 0752 - Elements

Section 09 - STEERING SYSTEM

- Group 0930 - Secondary Steering
- Group 0960 - Hydraulic System

Section 10 - SERVICE BRAKES

- Group 1011 - Active Elements
- Group 1015 - Controls Linkage
- Group 1060 - Hydraulic System

Section 11 - PARK BRAKE

- Group 1111 - Active Elements
- Group 1160 - Hydraulic System

Section 16 - ELECTRICAL SYSTEM

- Group 1671 - Batteries, Support, And Cables
- Group 1672 - Alternator, Regulator And Charging System Wiring
- Group 1673 - Lighting System
- Group 1674 - Wiring Harness And Switches
- Group 1675 - System Controls
- Group 1677 - Motors And Actuators

Section 17 - FRAME, CHASSIS OR SUPPORTING STRUCTURE

- Group 1740 - Frame Installation
- Group 1749 - Chassis Weights

Section 18 - OPERATOR'S STATION

- Group 1800 - Removal And Installation
- Group 1810 - Operator Enclosure

Group 1821 - Seat And Seat Belt

Group 1830 - Heating And Air Conditioning

Section 21 - MAIN HYDRAULIC SYSTEM (HYDRAULIC RESERVOIR)

Group 2100 - Removal And Installation

Section 31 - LOADER

Group 3102 - Bucket

Group 3115 - Controls Linkage

Group 3140 - Frames

Group 3160 - Hydraulic System

Section 99 - DEALER FABRICATED TOOLS

Group 9900 - Dealer Fabricated Tools



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