

4650 and 4850 Tractors Repair



TECHNICAL MANUAL

4650 and 4850 Tractors Repair

TM1354 (01SEP87) English

John Deere Tractor Works TM1354 (01SEP87)

> LITHO IN U.S.A. ENGLISH



4650 AND 4850 TRACTORS TECHNICAL MANUAL TM-1354 (SEP-87)

CONTENTS—REPAIR SECTIONS

PUBLICATION NUMBER CHANGE

This technical manual was formerly TM-1258. The number was changed to TM-1354 when engine information was removed. Some pages still carry the old publication number. For engine information, refer to engine component technical manual CTM-1, 6466 Engines. This machine technical manual covers removal and installation of the engine components. The component manual covers basic repair of engine. For main hydraulic pump repair information, refer to component technical manual, CTM-7, Radial Piston Pumps.

SECTION 10—GENERAL

Group 00—Specifications

Group 05—Predelivery, Delivery and After-Sale Services

Group 10-Tune-up.

Group 15-Lubrication

SECTION 15—SEPARATION

Group 05-Front Axie

Group 10-Front-End

Group 15-Front-End and Engine

Group 20-Engine

Group 25—SOUND-GARD® body

and Roll-Gard Protective Structure

Group 30-Power Shift Clutch Housing

Group 31—QUAD-RANGE™ Clutch Housing

Group 35-Transmission

Group 40-Final Drives

SECTION 20—ENGINE

Group 05—Acquire Access to Cylinder Head, Valves and Camshaft

Group 10—Acquire Access to Cylinder Block, Liners, Pistons and Rods

Group 15—Acquire Access to Crankshaft, Main Bearings and Flywheel

Group 20—Acquire Access to Lubrication System

Group 25-Remove/Install Cooling System

SECTION 30-FUEL AND AIR SYSTEM

Group 05-Acquire Access to Air Intake System

Group 10-Acquire Access to Diesel Fuel System

Group 15—Speed Control Linkage

SECTION 40-ELECTRICAL

Group 05-Harness Replacement

Group 06-Connector Repair

Group 10—Remove/Install Delco-Remy Charging Circuit

Group 11-John Deere Charging Circuit

Group 15-Starting Circuit Replacement

Group 25—Lighting Circuit Repair

Group 30—INVESTIGATOR II™ Warning System
And Digital Tachometer Repair

Group 31-Gauge Cluster Instrumentation Repair

Group 32-Analog Tachometer Repair

Group 35—Accessories Circuits Repair

Continued on next page

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U10;010GEN AX4 151087

CONTENTS—CONTINUED

SECTION 50—POWER TRAIN—QUAD-RANGE	Group 100—MFWD Clutch
TRANSMISSION	Group 105—MFWD Axle and Final Drive
Group 05—Remove/Install Clutch Pressure Valve	GEOTION AS CTEPRING (DRAVES
Housing	SECTION 60-STEERING/BRAKES
Group 10—Clutch Oil Pressure Regulating Valve	Group 05—Remove/Install Power Steering
Housing	Components
Group 15—Clutch Operating Piston Housing	Group 10Steering Column
Group 20—PERMA CLUTCH™	Group 15—Metering Pump
Group 30—QUAD-RANGE™ Planetary	Group 20—Steering Valve
Group 35—QUAD-RANGE Transmission & Charge	Group 25—Steering Motor
Pump	Group 30—Steering Assist Cylinders (MFWD)
Group 40—Shift Lever Assembly	Group 35—Remove/Install Brake Valve and
Group 55—PTO Gear Train	Brake Accumulator
Group 60—Adjust PTO Clutch Rod	Group 40—Brake Valve
Group 65—Differential	Group 45—Brake Accumulator
Group 70—Remove/Install Differential Lock	Group 50—Bleeding Brakes and Testing Brake
Valve and Adjust Lock Valve	Accumulator
Release Bar	Group 55—Brake Pistons, Plates and Disks
Group 75—Differential Lock Valve	
Group 80—Final Drive	SECTION 70—HYDRAULICS
	Group 05—Remove/Install Main Hydraulic Pump
SECTION 55—POWER TRAIN—POWER SHIFT	Group 15—Oil Filter Relief Valve Housing (QRT)
TRANSMISSION	Group 20—Return Oil Filter Relief Valve Housing
Group 05—Remove/Install Traction Clutch Valve	(PST)
Hou si ng	Group 25—Remove/Install Attenuator
Group 10—Traction Clutch Valve Housing	Group 30—Hydraulic Attenuator
Group 15—Remove/Install Transmission Control	Group 35—Remove/Install HYDRACUSHIONED™
Valve Housing	Seat Valve
Group 20—Transmission Control Valves	Group 40—Repair Hydra-Cushioned Seat Valve
Group 25—Remove/Install Traction Clutch	Assembly
Group 30—Traction Clutch and Drive Shafts	Group 45—Pressure Control Valve
Group 35—Input Planetary	Group 50—Remove/Install Rockshaft Compo-
Group 40—Reduction Gear Train	nents and Lift Assist Cylinders
Group 45—Output Planetary	Group 55—Rockshaft Components
Group 50—Speed Selector Assembly	Group 60-Lift Assist Cylinders
Group 55—Charge Pump Assembly	Group 65—Draft Sensing Cylinders
Group 60—PTO Gear Train with MFWD	Group 70—Hitch Components
Group 61—PTO Gear Train without MFWD	Group 75—Remove/Install SCV Coupler and
Group 65—Adjust PTO Clutch Rod	Levers
Group 70—Differential	Group 80SCV and ISO Coupler
Group 75—Remove/Install Differential Lock	Group 85—Remote Cylinder
Valve and Adjust Lock Valve	Group 90—Hydraulic Oil Cooler and Thermal
Release Bar	Bypass Valve
Group 80-Differential Lock Valve	Group 95—Transmission-Hydraulic System Clean-
Group 85—Final Drive	up Procedure
Group 95—MFWD Gear Train	

Continued on next page

U10;010GEN BX4 201087

CONTENTS—CONTINUED

SECTION 80-MISCELLANEOUS

Group 05-Rear Wheels

Group 10-Front Axle

SECTION 90—OPERATOR STATION

Group 05—Air Conditioning System

Group 06—Air Conditioning System Service

Group 10-Heating System

Group 15-Seat

Group 20-Miscellaneous Components

SECTION 95-MISCELLANEOUS OPTIONS

Group 40—Auxiliary Lighting and Electrical

Components

Group 62-Auxiliary Trailer Brake

Group 63—Secondary Brake

Group 80-Minor Options

SECTION 99—SPECIAL TOOLS

INTRODUCTION

This manual is part of a total service support program.

FOS Manuals—reference

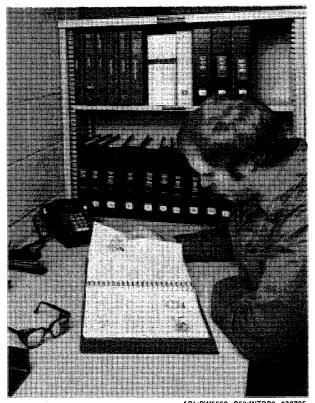
Technical Manuals—machine service

Component Manuals—component service

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic types of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

Technical Manuals are concise service guides for specific machines. Technical manuals are on-the-job guides containing only the vital information needed by an experienced service technician.

Component Technical Manuals are concise service guides for specific components. Component technical manuals are written as stand alone manuals covering multiple machine applications.



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FEATURES OF THIS TECHNICAL MANUAL

John Deere ILLUSTRUCTION format emphasizing illustrations and concise instructions in easy-to-use modules.

Emphasis on diagnosis, analysis, and testing so you can understand the problem and correct it.

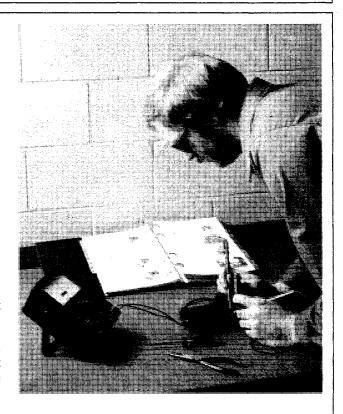
Diagnostic information presented with the most logical and easiest to isolate problems first to help you identify the majority of routine failures quickly.

Step-by-step instructions for teardown and assembly.

Summary listing at the beginning of each group of all applicable specifications, wear tolerances, torque values, essential tools, and materials needed to do the job.

An emphasis throughout on safety—so you do the job right without getting hurt.

This technical manual was planned and written for you-an experienced service technician. Keep it in a permanent binder in the shop where it is handy. Refer to it when you need to know correct service procedures or specifications.



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