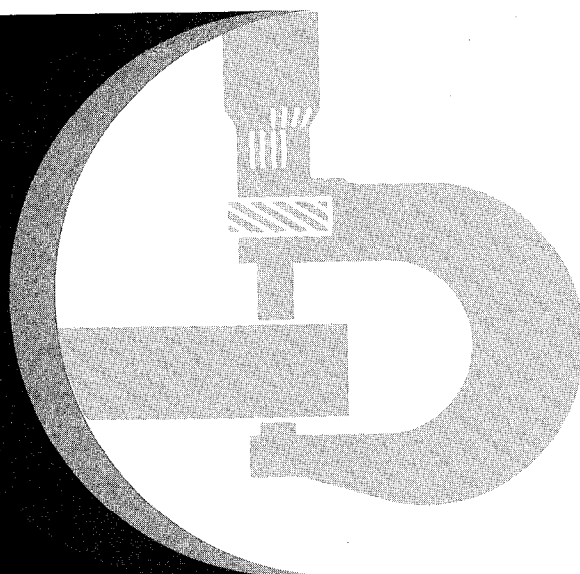


**John Deere
710B
Backhoe Loader**



TECHNICAL MANUAL

TM-1286 (Dec-86)

LITHO IN U.S.A.

710B BACKHOE LOADER TECHNICAL MANUAL TM-1286 (DEC-86)

SECTION AND GROUP CONTENTS

SECTION I—GENERAL INFORMATION

- Group I—Introduction and Safety Information
- Group II—General Specifications
- Group III—Torque Values
- Group IV—Lubrication

SECTION 01—WHEELS

- Group 0110—Powered Wheels and Fastenings
- Group 0120—Non-Powered Wheels and Fastenings

SECTION 02—AXLES AND SUSPENSION SYSTEMS

- Group 0200—Removal and Installation
- Group 0210—Differential or Bevel Drive
- Group 0225—Input Drive Shaft and U-Joints
- Group 0230—Non-Powered Wheel Axles
- Group 0240—Powered Wheel Axle (MFWD)
- Group 0250—Axle Shafts, Bearings and Reduction Gears
- Group 0260—Hydraulic System

SECTION 03—TRANSMISSION

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

SECTION 04—ENGINE

- Group 0400—Removal and Installation
- Group 0401—Crankshaft and Main Bearings

SECTION 04—ENGINE—Continued

- Group 0402—Camshaft and Valve Actuating Means
- Group 0403—Connecting Rods and Pistons
- Group 0404—Cylinder Block
- Group 0407—Oiling System
- Group 0409—Cylinder Head and Valves
- Group 0413—Fuel Injection System
- Group 0414—Intake Manifold
- Group 0416—Turbocharger
- Group 0417—Water Pump
- Group 0418—Thermostats, Housing and Water Piping
- Group 0419—Oil Cooler
- Group 0420—Fuel Filter
- Group 0421—Fuel Transfer Pump
- Group 0422—Starting Motor and Fastenings
- Group 0433—Flywheel, Housing and Fastenings

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—DAMPENER DRIVE

- Group 0752—Elements

Continued on next page

All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice. Wherever applicable, specifications and design information are in accordance with SAE and ICED standards.

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SECTION AND GROUP CONTENTS - Continued

SECTION 09 - STEERING SYSTEM

Group 0960 - Hydraulic System

SECTION 10 - SERVICE BRAKES

Group 1011 - Active Elements
Group 1060 - Hydraulic System

SECTION 11 - PARKING-EMERGENCY BRAKES

Group 1111 - Active Elements
Group 1115 - Controls Linkage

SECTION 16 - ELECTRICAL SYSTEMS

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 1676 - Instruments and Indicators

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 19 - SHEET METAL AND STYLING

Group 1910 - Hood or Engine Enclosure
Group 1921 - Grille and Grille Housing
Group 1927 - Fenders

SECTION 20 - SAFETY, CONVENIENCE AND MISCELLANEOUS

Group 2004 - Horn and Warning Devices

SECTION 21 - MAIN HYDRAULIC SYSTEM

Group 2160 - Hydraulic System

SECTION 31 - LOADER

Group 3102 - Buckets
Group 3115 - Controls Linkage
Group 3140 - Frames
Group 3160 - Hydraulic System

SECTION 33 - BACKHOE

Group 3302 - Buckets, Teeth, Shanks, and
Sidecutters
Group 3315 - Controls Linkage
Group 3340 - Frames
Group 3360 - Hydraulic System

SECTION 90 - SYSTEM TESTING

Group 9005 - General Information
Group 9010 - Engine
Group 9015 - Electrical System
Group 9020 - Power Train
Group 9025 - Hydraulic System

SECTION 99 - SPECIAL TOOLS

INDEX

INTRODUCTION

This manual is part of a total service support program.

FOS Manuals—reference

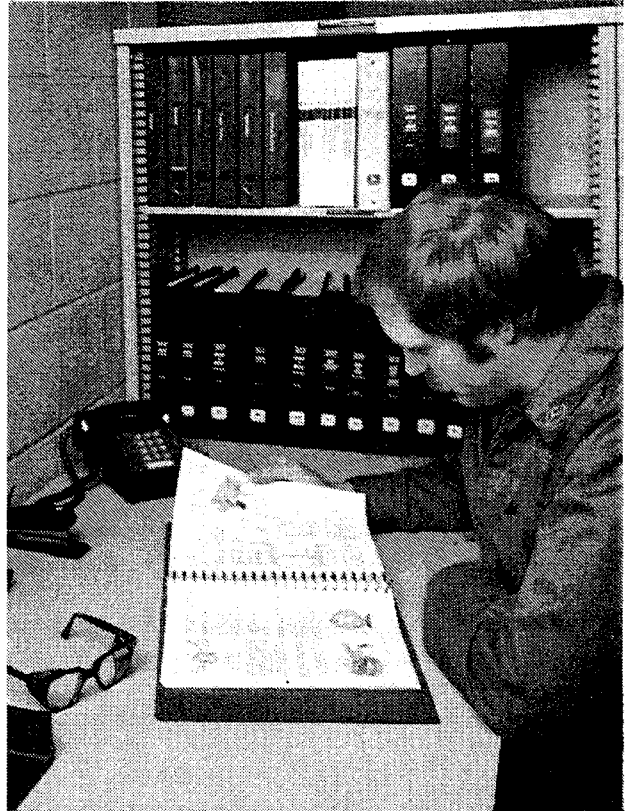
Technical Manuals—machine service

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.



AB6;RW5559 053;INTRO2 030785

FEATURES OF THIS TECHNICAL MANUAL

John Deere ILLUSTRATION 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.

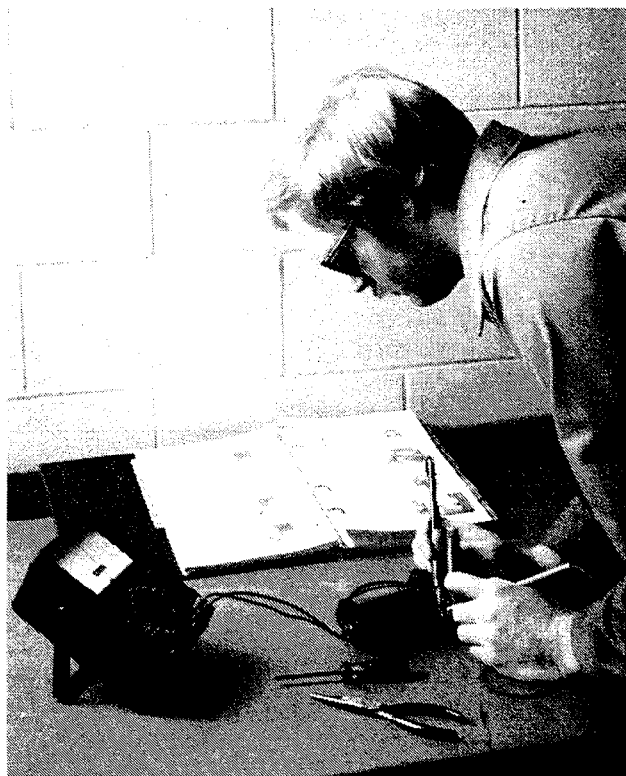
Diagnostic information presented with the most logical and easiest to isolate problems first to help you identify the majority of routine failures quickly.

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.



AB6;RW5560 053;INTRO3 071085

SAFETY AND YOU

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 .



AB6;T81389 053;TMSAFE 071085

PREVENT BATTERY EXPLOSIONS

Battery gas can explode. Keep sparks and flames away from batteries. Use a flashlight to check battery electrolyte level.

Never check battery charge by placing a metal object across the posts. Use a voltmeter or hydrometer.

Always remove grounded (-) battery clamp first and replace it last.



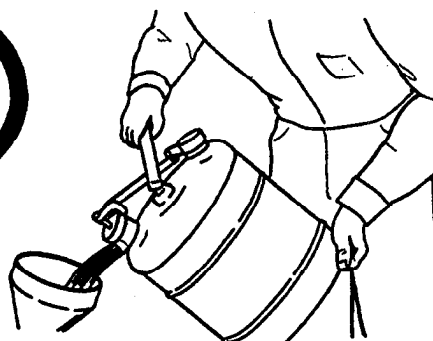
AB6;TS181 053;EXPLO 180485

HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care: it is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks.

Always stop engine before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of accumulated trash, grease, and debris. Always clean up spilled fuel.



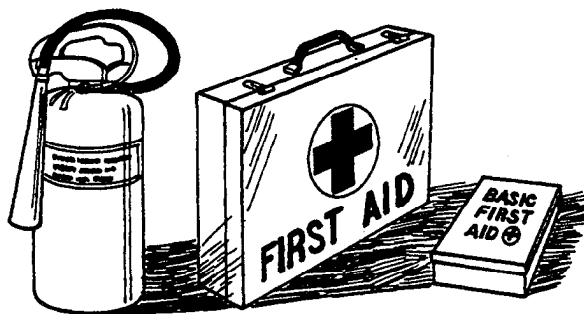
AB6;TS185 053;FIRE1 240785

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguishers handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



AB6;TS186 053;FIRE2 080785

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