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› Allis Chalmers D-17 Series Iii Tractor Service Repair Owners Operators Manual

AgPubs D-17 Series III

Allis Chalmers D-17 Series III Tractor Service Repair Owners Operators Manual

Comprehensive Guide for Your Allis Chalmers D-17 Series III Tractor

INTRODUCTION TO YOUR MANUAL

This document serves as a comprehensive instruction manual for the Allis Chalmers D-17 Series III Tractor. It is designed to provide essential information for the operation, maintenance, and repair of your equipment. Understanding the different types of manuals available is crucial for effective use.

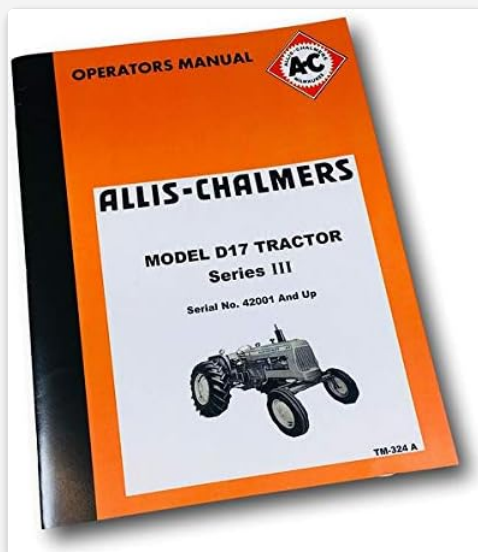


Figure 1: Front cover of the Allis Chalmers D-17 Series III Tractor Service Repair Owners Operators Manual. This image displays the title "OPERATORS MANUAL" at the top, "ALLIS-CHALMERS" prominently in the center, and "MODEL D17 TRACTOR Series III" below it, along with a graphic of the tractor.

UNDERSTANDING MANUAL TYPES

For each piece of equipment, various types of manuals are produced, each serving a distinct purpose. This manual combines elements of several types to offer a broad range of information.

- **Service Manual:** Focuses on repair, overhaul procedures, and troubleshooting guides. Essential for detailed mechanical work.
- **Operators Manual:** Provides information on basic maintenance, operational procedures, fluid types and quantities, and general adjustments. Crucial for daily use and routine care.

- **Parts Catalog:** Contains exploded views of assemblies, names of individual parts, and factory (OEM) part numbers, aiding in part identification and ordering.

This specific manual is designed to be a comprehensive resource, encompassing aspects of service, repair, and operation for the Allis Chalmers D-17 Series III Tractor.

NAVIGATING THE MANUAL

To effectively utilize this manual, familiarize yourself with its structure and the topics covered. The manual is organized into sections, each addressing a specific aspect of the tractor's operation, maintenance, or repair.

INDEX	
BRAKES	29
CARBURETOR ADJUSTMENT.	42
CLUTCHES	
Engine Clutch	27
Power Director	30
COOLING SYSTEM	41
DIAGNOSING ENGINE DIFFICULTY	49, 50
DRAWBAR	31, 32
FAN BELT ADJUSTMENT	43
GENERAL INFORMATION	
Gasoline & L. P. G.	6
Diesel	7
GENERAL SPECIFICATIONS	4, 5
HYDRAULIC SYSTEM	
Adjustments & Operation	32
Link Rod Adjustment	32
One Spool Valve	34
Selector Valve	34
Three Spool Valve	35
Transport Valve	33, 34
IGNITION SYSTEM (GASOLINE).	40
INSTRUMENTS & CONTROLS	
Ammeter	20
Choke Control Knob	20
Fuel Level Gauge	20
Fuel "Shut-Off" Knob - Diesel	20
Instrument Panel Lamp	20
Light Fuse Holder	20
Light Switch	19
Oil Pressure Gauge	20
Operation Meter	21
Starting Switch	19
Temperature Gauge	20
"Traction Booster" Gauge.	20
Warning Light	21

Figure 2: A sample index page from the manual. This page lists various sections and their corresponding page numbers, including Brakes, Carburetor Adjustment, Clutches, Cooling System, Diagnosing Engine Difficulty, Drawbar, Fan Belt Adjustment, General Information, Hydraulic System, Ignition System (Gasoline), and Instruments & Controls.

INDEX	
LIQUID PETROLEUM GAS EQUIPMENT	25, 26
LUBRICATION & SERVICE GUIDE	10-17
OPERATING INSTRUCTIONS	
Belt Pulley	28
Break-In Period.	18
Gear Shifting - Transmission.	27
Oil Pressure Gauge	21
Power Take-Off	27
Starting Engine & Stopping - Diesel	24
Starting Engine & Stopping - Gasoline	22
Steering	30
PARTS SECTION	51
POWER STEERING	
Pump Belt Adjustment	44
SAFETY PRECAUTIONS.	1
SEAT	36
STORAGE OF FUEL	8, 9
STORAGE OF TRACTOR.	49
VALVE LASH ADJUSTMENT	
Diesel	43
Gasoline	42
WIRING DIAGRAM	
Diesel	48
Gasoline	46
WHEELS.	37, 38, 39

Figure 3: Another sample index page from the manual. This page continues the list of sections, covering Liquid Petroleum Gas Equipment, Lubrication & Service Guide, Operating Instructions, Parts Section, Power Steering, Safety Precautions, Seat, Storage of Fuel, Storage of Tractor, Valve Lash Adjustment, Wiring Diagram, and Wheels.

KEY CONTENT AREAS

Operating Instructions

This section provides detailed guidance on the proper operation of the Allis Chalmers D-17 Series III Tractor. It covers essential procedures such as starting and stopping the engine (both gasoline and diesel), gear shifting, power take-off (PTO) usage, and steering. Understanding these instructions is vital for safe and efficient use of the tractor.

- Belt Pulley
- Break-In Period
- Gear Shifting - Transmission
- Oil Pressure Gauge
- Power Take-Off
- Starting Engine & Stopping - Diesel
- Starting Engine & Stopping - Gasoline
- Steering

Lubrication & Service Guide

Proper lubrication and regular service are critical for the longevity and performance of your tractor. This section outlines the recommended lubrication points, types of lubricants, and service intervals. It includes information on engine oil, transmission fluid, and other vital components requiring periodic attention.

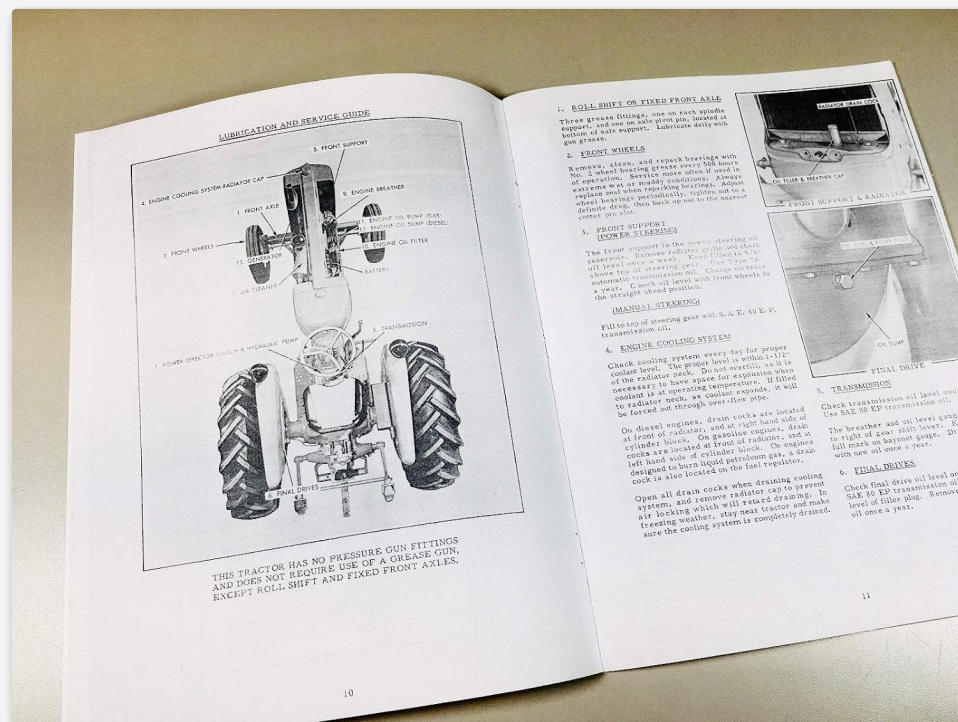


Figure 4: A detailed page from the manual's Lubrication & Service Guide. This image features a diagram of the tractor with numbered points indicating areas for lubrication and service, alongside textual instructions for each point, such as "ROLL SHIFT OR FIXED FRONT AXLE" and "FRONT WHEELS".

Maintenance Procedures

Beyond routine lubrication, this manual provides instructions for various maintenance tasks. This includes checking and replacing filters, adjusting belts, and ensuring all systems are functioning correctly. Adhering to these procedures helps prevent breakdowns and ensures optimal performance.

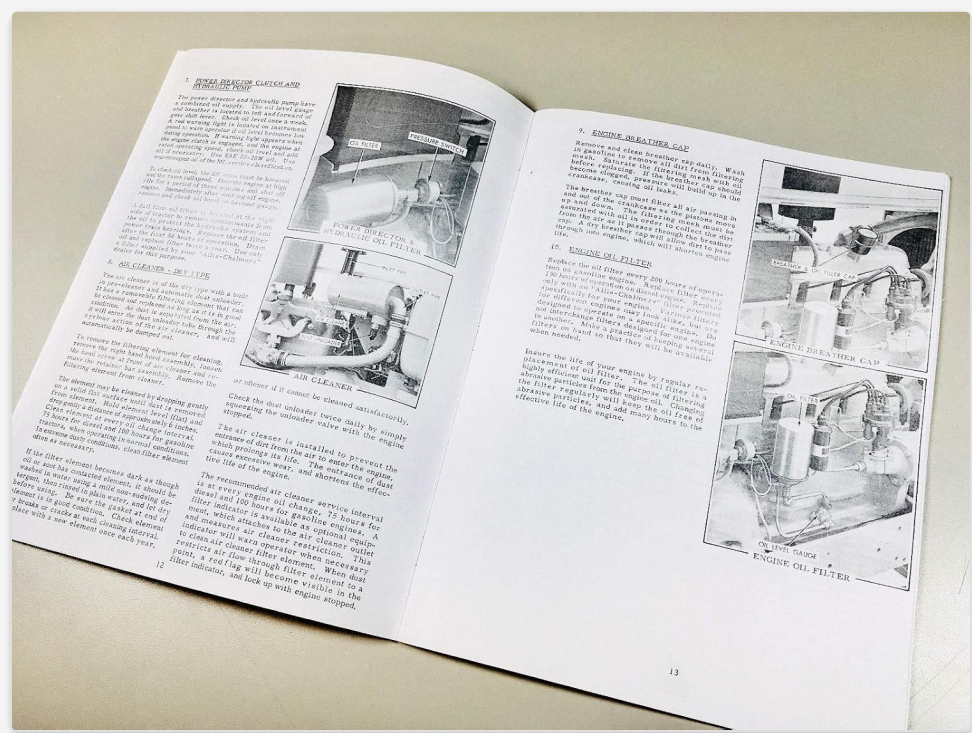


Figure 5: A page illustrating maintenance procedures for key engine components. This image shows diagrams and instructions for servicing the Engine Breather Cap, Engine Oil Filter, and Air Cleaner, providing visual aids and step-by-step guidance for these tasks.

Troubleshooting and Repair

For issues that may arise, the manual includes sections dedicated to diagnosing and resolving common problems. Topics such as "Diagnosing Engine Difficulty" and specific repair procedures are covered to assist in identifying the root cause of issues and performing necessary repairs. Examples of troubleshooting topics include:

- Brakes
- Carburetor Adjustment
- Clutches
- Cooling System
- Valve Lash Adjustment (Diesel and Gasoline)

Specifications

The manual provides detailed specifications for the Allis Chalmers D-17 Series III Tractor, including general dimensions, engine specifications, and fluid capacities. This information is essential for proper operation, maintenance, and ordering correct replacement parts. Key specifications covered:

- General Specifications
- Fluid Types and Quantities
- Wiring Diagrams (Diesel and Gasoline)

ADDITIONAL IMPORTANT SECTIONS

- **Safety Precautions:** Critical information regarding safe operation and handling of the tractor to prevent accidents and injuries.
- **Parts Section:** While not a full parts catalog, this section may contain information on key components and their identification.
- **Storage:** Guidelines for proper storage of the tractor and fuel to ensure longevity and readiness for use.

SUPPORT AND RESOURCES

This manual is designed to be your primary resource for all information pertaining to the Allis Chalmers D-17 Series III Tractor. For further assistance or specific inquiries not covered in detail, it is recommended to consult with certified agricultural machinery technicians or refer to official Allis Chalmers documentation if available. This reproduction manual is crafted to be durable and long-lasting, providing a reliable reference for years to come.

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