

[Manuals.plus](#) /

› [AgPubs](#) /

› AgPubs Operators and Owners Manual for J.I. Case 584D, 585D, 586D Forklifts (Part Number 9-7330)

AgPubs 584D 585D 586D

AgPubs Operators and Owners Manual for J.I. Case 584D, 585D, 586D Forklifts

Part Number: 9-7330

1. INTRODUCTION

This manual provides comprehensive instructions for the operation and basic maintenance of J.I. Case 584D, 585D, and 586D Forklifts. It is designed for operators and owners to ensure safe and efficient use of the equipment.

Understanding the different types of manuals available for equipment is crucial:

- **Operators Manual:** Focuses on basic maintenance, operational procedures, fluid types, quantities, and adjustments. This document serves as an Operators Manual.
- **Service Manual:** Contains detailed information for repair, overhaul, and troubleshooting complex issues.
- **Parts Catalog:** Provides exploded views, part names, and factory (OEM) part numbers for component identification.

This manual is a reproduction, designed for durability and clarity, offering factory-authorized procedures to assist in the proper care and use of your J.I. Case forklift.



Image 1.1: Front cover of the AgPubs Operators and Owners Manual for J.I. Case 584D, 585D, 586D Forklifts, displaying the model numbers and the AgPubs brand.

2. INITIAL SETUP AND PRE-OPERATION CHECKS

Before operating the forklift, it is essential to perform initial setup and pre-operation checks to ensure safety and proper function. This section outlines general guidelines; specific detailed procedures are found within the manual.

2.1. Pre-Operation Inspection

Always conduct a thorough visual inspection of the forklift before each use. Check for any visible damage, leaks, or loose components. Ensure all safety decals are present and legible.

2.2. Fluid Level Verification

Verify that all fluid levels, including engine oil, hydraulic fluid, and coolant, are within the recommended ranges.

Refer to the manual for specific fluid types and capacities.

TABLE OF CONTENTS	
Introduction	1
Before You Start the Engine	2
Starting the Engine	3
Operating the Machine	4
Stopping the Machine	5
Storage	6
Sparks Arrester (If Equipped)	7
Location of the Product Identification Numbers and Serial Numbers	8
Specifications	9
Engine	10
Control System	11
Electrical System	12
Hydraulic System	13
Travel Controls	14
Wiring	15
Operating Data and Controls	16
Instrument Cluster	17
Machine Controls	18
Operator's Seat Belt	19
Engine Operation	20
Run-In Period With a New Engine	21
Service and Checks Before You Start	22
Methods to Start the Engine	23
Methods to Stop the Engine	24
Cold Weather	25
Engine Starting Aid	26
Case Starting Aid	27
Coilant Heater	28
Coilant Battery	29
Boosted Operation	30
Machine Operation	31
Adjusting the Machine	32
Before You Operate the Machine	33
Selecting Transmission Speeds and	34
Machine Direction	35
Differential Lock	36
Left-Hand Foot Throttle	37
Operating the Machine	38
When Operating On a Hill	39
Stentch	40
Procedure to Move a Disabled Machine	41
Procedure to Put the Machine on a Trail	42
Operating in Cold Temperatures	43
Operating in Hot Temperatures	44
Operating Stability	45
Machine Stability	46
Lifting Capacity	47
Height and Weight Limits	48
Chart of Load Limits	49
Chart of Moving Vehicle Embellish	50
Size Moving Vehicle Embellish	51
Fuels and Lubricants	52
Fuel, Fluids and Lubricants Chart	53
Duration Chart for the Run-In Period of New Machine	54
Maintenance and Lubrication	55
Introduction	56
Maintenance Chart for New Machine	57
Operation With New Machine	58
Maintenance Chart for Regular	59
Safety Before Servicing	60
Do Not Operate Tag	61
Lubrication	62
Engine Lubrication System	63
Air Cleaning System	64
Engine Cooling System	65
Engine Fuel System	66
Electrical System	67
Hydraulic System	68
Power Shuttle Transmission	69
Four Speed Steering System	70
Wheel and Tire	71
Power Wheel Bearings	72
Sparks Arrester Muffler	73
Drive Belt	74
Procedure to Put the Machine in Storage	75
Procedure to Remove the Machine from Storage	76
After Delivery Check	77

Image 2.1: An open page from the manual, illustrating the detailed structure of its content, including sections on operating instructions, fuels, lubricants, and maintenance, which are critical for proper setup and operation.

3. OPERATING PROCEDURES

This section covers the fundamental procedures for operating the J.I. Case 584D, 585D, and 586D Forklifts safely and effectively. Adherence to these guidelines is crucial for operator safety and equipment longevity.

3.1. Starting the Engine

Follow the manufacturer's recommended procedure for starting the engine. This includes checking controls, engaging the parking brake, and ensuring the area around the forklift is clear.

3.1.1. Using Starting Fluid (If Equipped)

In cold weather conditions, starting fluid may be used. Always follow the specific instructions provided in the manual to prevent engine damage or injury. Ensure proper ventilation and avoid open flames when using starting fluid.

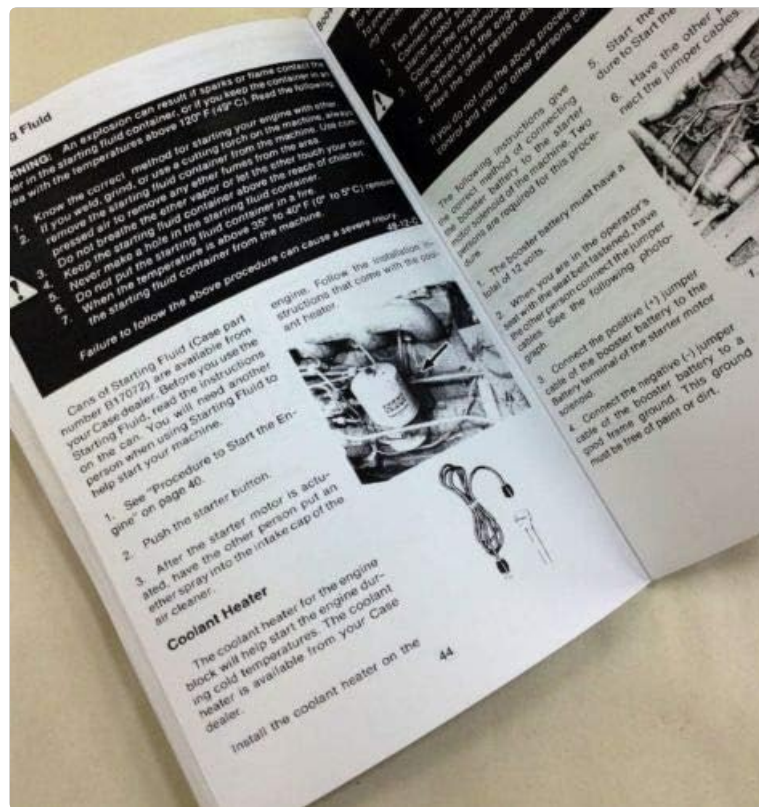


Image 3.1: A page from the manual illustrating the procedure for using starting fluid, including safety warnings and an image of the fluid container and jumper cables, indicating cold-weather starting assistance.

3.2. General Operation

Familiarize yourself with all controls, including steering, lift, tilt, and travel functions. Always operate the forklift at a safe speed, especially when turning or carrying loads. Maintain clear visibility and be aware of your surroundings.

3.3. Parking and Shutting Down

When parking the forklift, ensure it is on a level surface, the forks are lowered, and the parking brake is engaged. Follow the proper shutdown sequence to turn off the engine and secure the machine.

4. MAINTENANCE PROCEDURES

Regular maintenance is vital for the longevity, reliability, and safe operation of your J.I. Case forklift. This section outlines key maintenance tasks; detailed schedules and procedures are provided within the manual.

4.1. Lubrication

Proper lubrication of moving parts reduces wear and extends component life. Refer to the lubrication chart in the manual for specific points, lubricant types, and intervals.

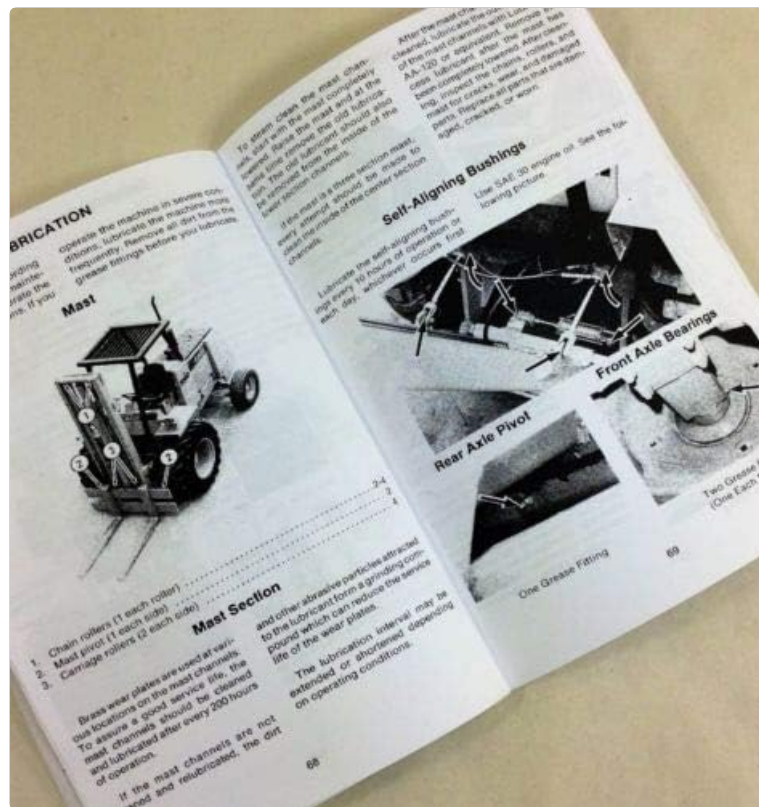


Image 4.1: A manual page detailing lubrication procedures for the mast section and self-aligning bushings, accompanied by diagrams of the forklift's mast and rear axle pivot points, highlighting grease fitting locations.

4.2. Air Cleaner Servicing

The air cleaner element must be regularly inspected, cleaned, or replaced to ensure optimal engine performance and prevent damage from contaminants.

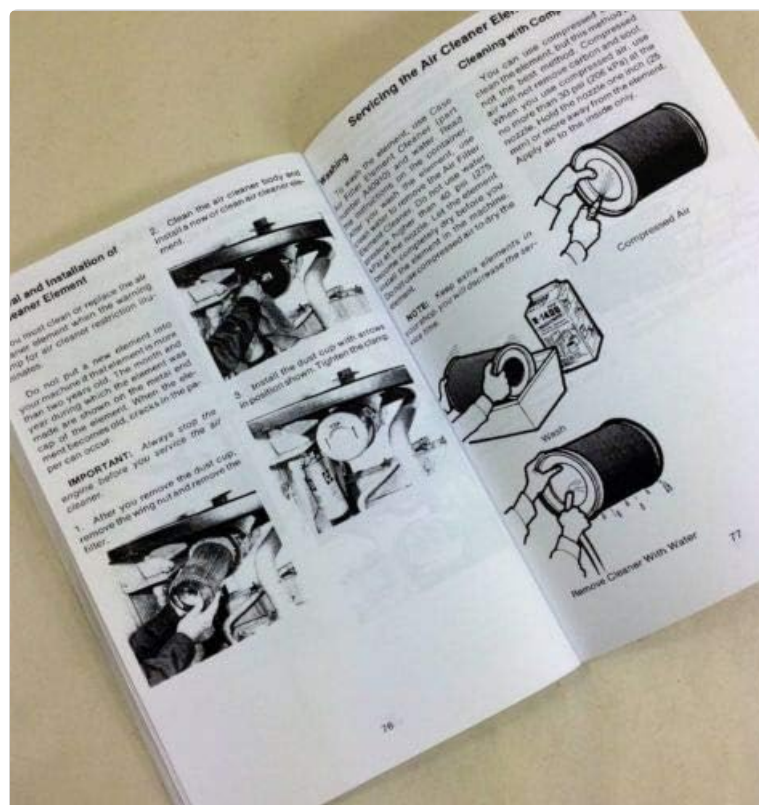


Image 4.2: This page from the manual provides step-by-step instructions for servicing the air cleaner element, showing how to clean it using compressed air and how to wash the element, ensuring proper engine air intake.

4.3. Hydraulic Oil Filter and Oil Change

Regular inspection and replacement of the hydraulic oil filter, along with periodic hydraulic oil changes, are critical for maintaining the hydraulic system's efficiency and preventing component wear.

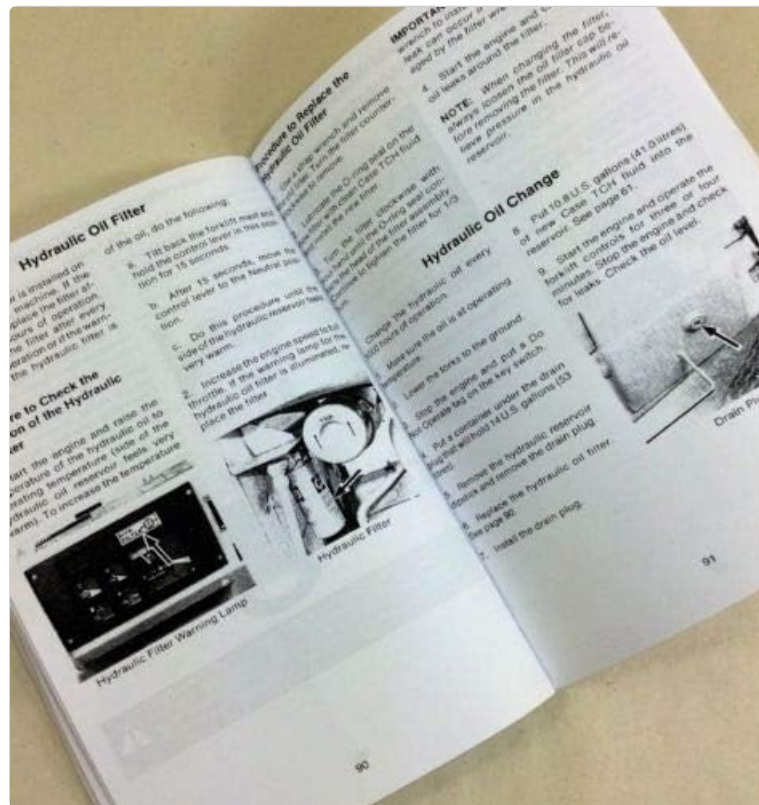


Image 4.3: A manual page outlining the process for checking the hydraulic oil filter and performing a hydraulic oil change, complete with diagrams indicating the filter location and the hydraulic system's drain plug.

4.4. Rear Wheel Bearings Removal and Installation

Maintenance of the rear wheel bearings, including removal, inspection, lubrication, and proper installation, is essential for safe operation and steering stability.

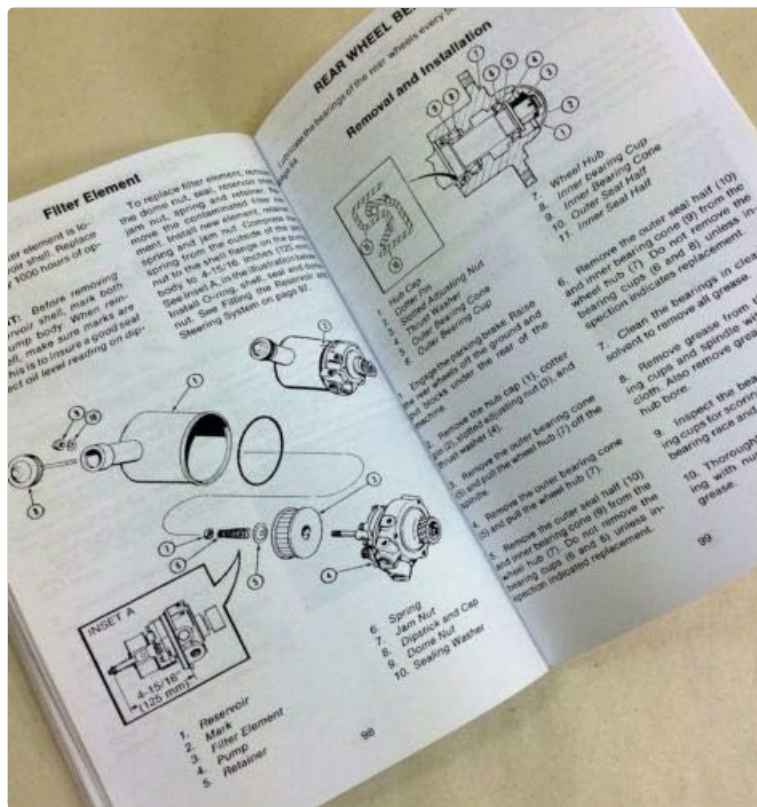


Image 4.4: This manual page features an exploded view diagram and detailed instructions for the removal and installation of rear wheel bearings, providing a visual guide for this maintenance task.

5. BASIC TROUBLESHOOTING

This Operators Manual provides guidance on common operational issues and basic troubleshooting steps. For complex mechanical or electrical problems, a dedicated Service Manual is recommended, as it contains in-depth diagnostic procedures and repair instructions.

5.1. Common Issues

The manual addresses typical operational concerns such as engine starting difficulties, minor hydraulic system irregularities, and general performance observations. Consult the relevant sections for specific advice.

5.2. When to Seek Professional Assistance

If an issue persists after following the troubleshooting steps in this manual, or if the problem involves critical safety systems or major components, it is advisable to consult a qualified service technician or refer to a comprehensive Service Manual.

6. PRODUCT SPECIFICATIONS

Detailed technical specifications for the J.I. Case 584D, 585D, and 586D Forklifts, including engine type, lifting capacity, dimensions, weight, and fluid capacities, are provided within this manual. Refer to the dedicated specifications section for precise figures and operational limits.

Understanding these specifications is crucial for safe operation, proper load handling, and adherence to operational guidelines.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B07J239X9M>

More documents and user manuals: <https://manuals.plus/>