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Case IH 585

Case IH 585 Tractor Operator's Manual

Comprehensive Instructions for Operation, Maintenance, and Safety

INTRODUCTION

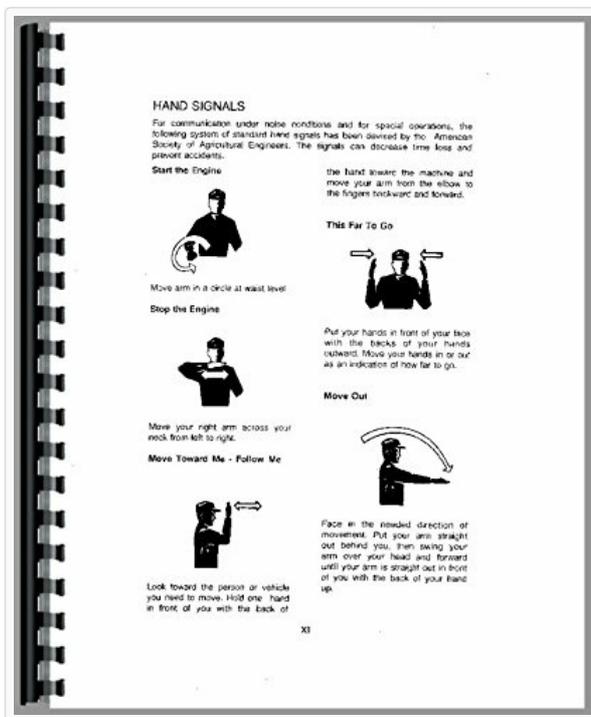
This operator's manual is designed to assist you in the safe and efficient operation, maintenance, and service of your Case IH 585 Tractor. It contains essential information regarding controls, specifications, safety procedures, and troubleshooting. Please read this manual thoroughly before operating the tractor to ensure proper use and to prevent accidents or damage.

SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to all safety rules and guidelines outlined in this manual. Familiarize yourself with all controls and their functions before operating the tractor.

Hand Signals

For effective communication in noisy environments or during special operations, standard hand signals are crucial. The following signals, recognized by the American Society of Agricultural Engineers, can reduce miscommunication and prevent accidents.



This image displays various hand signals used for communicating with tractor operators. It includes signals for 'Start the Engine' (moving arm in a circle at waist level), 'Stop the Engine' (moving right arm across your neck from left to right), 'Move Toward Me - Follow Me' (looking toward the person or vehicle and holding hand in front of you with the back of the hand facing you), 'This Far To Go' (putting hands in front of your face with backs of hands outward, indicating distance), and 'Move Out' (facing in the needed direction, swinging arm out behind you, then swinging your arm over your head and forward until your arm is straight in front of you with the back of your hand up).

GETTING STARTED

Before operating your Case IH 585 Tractor, it is important to identify your specific unit and understand its basic specifications.

Serial Numbers

When ordering parts, requesting information, or seeking assistance, always provide the model and serial numbers of your tractor. Record these numbers in the spaces provided below for future reference.

1. Tractor Model Number: _____
2. Product Identification Number: _____
3. Engine Serial Number: _____
4. Transmission Serial Number: _____
5. MFD Axle Serial Number: _____
6. ROPS Frame Serial Number: _____
7. Cab Serial Number: _____

Serial Number Location

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This image illustrates the typical locations for serial number plates on a tractor. It shows the Model and Product Identification Number (PIN) plate on the right-hand side of the front bolster, and the ROPS Frame Serial Number plate on the right-hand upper frame.

OPERATING CONTROLS

Familiarize yourself with the instrument panel, warning lamps, and various controls for heating, air conditioning, and the operator's seat. Ensure the seat belt is properly fastened before operation.

- Instrument Panel
- Warning Lamps
- Controls
- Heater Controls
- Air Conditioning
- Operator's Seat
- Seat Belt

OPERATING INSTRUCTIONS

This section details the procedures for starting, driving, and stopping your tractor, as well as operating various systems and implements.

Engine Operation

- Run-in Procedure
- Before Starting Engine
- Starting Procedure
- Cold Starting
- Using Booster Cables

Driving the Tractor

- Power Reverse
- Transmission
- Two Speed Power Shift
- Differential Lock
- Mechanical Front Drive (MFD)
- Steering the Tractor
- Stopping the Engine
- Dismounting and Mounting
- Towing the Tractor
- Transporting the Tractor

Hitch System Control

- Position Control
- Adjustable Draft
- Draft Control
- Range Response
- Draft Indicator

Hydraulic Systems

- Remote Hydraulic Controls
- Neutral and Float
- Remote Lift
- Remote Hydraulic Circuits
- Hydraulic Hose Couplers
- Self-Sealing Breakaway Couplers
- Remote Cylinder
- 2 Point Electrical Socket

Power Take-Off (PTO)

- PTO Guards
- PTO Operating Safety

Drawbar and Three Point Hitch

- Check Chains
- Upper (Turnbuckle) Link
- Telescopic Stabilizers
- Tractor an Implement

MAINTENANCE AND SERVICE

Regular maintenance is crucial for the longevity and optimal performance of your Case IH 585 Tractor. Refer to the service schedule for routine checks and procedures.

- General Service Guidelines

- Lubrication Points
- Filter Replacement
- Fluid Level Checks

TROUBLESHOOTING

This section provides guidance for identifying and resolving common operational issues. Consult this section if you encounter unexpected behavior or malfunctions with your tractor.

- Engine Starting Problems
- Hydraulic System Issues
- Transmission Malfunctions
- Electrical System Faults

SPECIFICATIONS

Detailed technical specifications for the Case IH 585 Tractor are provided below. These specifications include dimensions, capacities, and performance data.

- General Dimensions and Weights
- Diesel Engine Specifications
- Fluid Capacities
- Tires and Wheels Information
- Ballasting (Front End Weights, Rear Wheel Weights, Water Ballasting)
- Measuring Wheel Slip
- Loads Matched To Tractor
- Adjusting Tread Positions (Front Axle 2WD, Front MFD, Rear)

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or authorized service centers, please refer to the contact details provided by your dealer or the manufacturer's official website.

- Warranty Coverage
- Contacting Customer Support
- Locating Authorized Service Dealers