

## CASE 530 CK Wheel Tractor, Loader and Backhoe ULTIMATE Manual

Wheel Tractor Operators Manual .....	pg 2 - 89
Loader Backhoe Operators Manual.....	pg 90 - 142
Wheel Tractor Service Manual .....	pg 143 - 244
Loader Service Manual .....	pg 245 - 286
Backhoe Service Manual .....	pg 287 - 330
Wheel Tractor Parts Catalog .....	pg 331 - 540
Loader and Backhoe Parts Catalog .....	pg 541 - 727



# **530CK Wheel Tractor**

## **Operators Manual**

**9-1235**



# TO THE PURCHASER OF A CASE TRACTOR<sup>3</sup>

The care you give your new Case Tractor will greatly determine the satisfaction and service life you will obtain from it. Use this manual as your guide. By observing the instructions and suggestions in this manual, your Case Tractor will serve you well for many years.

As an Authorized Case Dealer, we stock Genuine Case Parts, which are manufactured with the same precision and skill as the original equipment. Our factory trained staff is kept well informed on the best methods of servicing Case equipment and is ready and able to help you.

Should you require additional aid or information, contact us.

To insure efficient and prompt service, please furnish us with the Model, Serial, and Engine Numbers of your Tractor in all correspondence or contacts.

# TABLE OF CONTENTS

4

NOTE: Page numbers listed are those in the upper right hand corner in red

Serial Number.....	7
159 Gasoline Engine Specifications.....	8
188 Diesel Engine Specifications.....	10
General Specifications.....	12
Cooling System.....	12
Overall Measurements.....	12
Tires and Pressures.....	12
Starting and Lighting Systems.....	13
Standard Mechanical Drive.....	13
Torque Converter.....	13
Transmission.....	13
Brakes.....	13
Power Take-Off.....	13
Fuel Specifications.....	14
Gasoline.....	14
Diesel.....	15
Fuel Conditioner.....	16
Lubrication.....	17
Recommendations and Capacities.....	17
Lubrication Chart.....	18 & 20
Power Lubrication.....	21
Power Steering System Filter.....	25
Hydraulic System Filter.....	26
Torque Converter Filter.....	27
Torque Tube Drain.....	28
Packing Front Wheels.....	30
Operating Instructions.....	31
Run-In Procedure.....	31
Pre Starting Checklist.....	32
Operating Controls and Instruments.....	33
Starting Procedure.....	41
Stopping Procedure.....	41
Cold Weather Starting Procedure (Diesel).....	42
Cold Weather Starting Fluid.....	43
Cold Weather Operation.....	44
Coolant Heater (Diesel).....	46
Travel Speeds.....	47
Torque Converter Operation.....	48
Independent PTO.....	51

# TABLE OF CONTENTS (continued)

NOTE: Page numbers listed are those in the upper right hand corner in red

Operating Instructions (Continued)	
Standard and Constant Running PTO.....	52
Case Draft-O-Matic Operation.....	53
Case Draft O-Matic Adjustment.....	55
Draft Arm Mechanical Flotation.....	57
Remote Hydraulic Control Operation.....	58
Portable Cylinders.....	59
Preventive Maintenance.....	61
Cooling System.....	62
Thermostats.....	63
Fan Belt.....	64
Cleaning the Cooling System.....	65
Air Cleaner.....	66
Diesel Fuel System.....	68
Bleeding the Diesel Fuel System.....	70
Servicing the Diesel Fuel Filters.....	71
Gasoline Fuel System.....	72
Carburetor Adjustments.....	72
Adjusting Differential Brakes.....	74
Standard Clutch Adjustment.....	75
Independent PTO Clutch Adjustment.....	76
Safety Starting Switch Adjustment.....	77
Spark Ignition System Engines.....	78
Spark Plugs.....	78
Distributor.....	79
Setting Ignition Timing.....	81
Electrical System.....	82
Rear Stop and Tail Lights.....	82
Rear Light.....	83
Storage Battery.....	84
Diesel Electrical System.....	86
Spark Ignition Electrical System.....	87
Safety Precautions.....	88
Towing.....	89

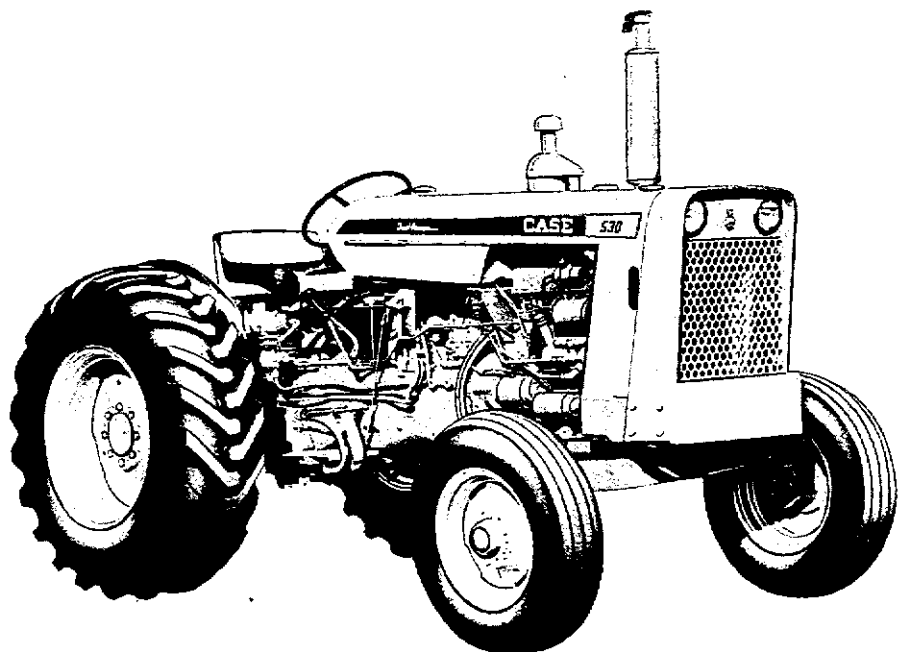


Figure 1

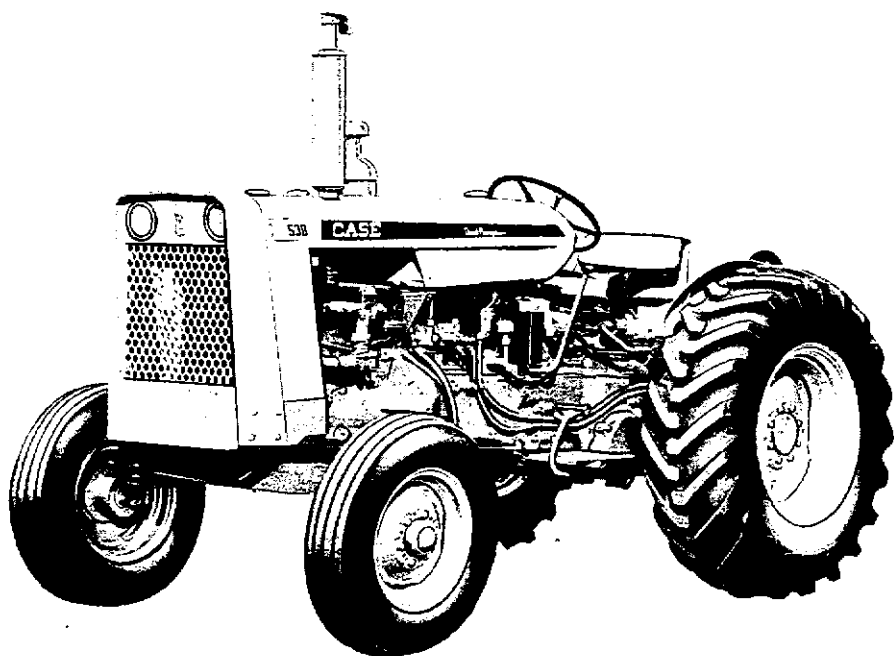


Figure 2



Thank you very much  
for your reading.  
Please click here  
to get more information.