

# 9190 Tractor Operators Manual

9-12680

Reprinted

**CASE III**

## **NOTICE:**

**Because of design changes that may occur in the product since this manual was published, it is possible that some pictures and/or illustrations found within this manual may be different from those found on the product; however, the technical information found within this manual was correct at the time this manual was approved for publication.**

**The J I Case Company reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.**

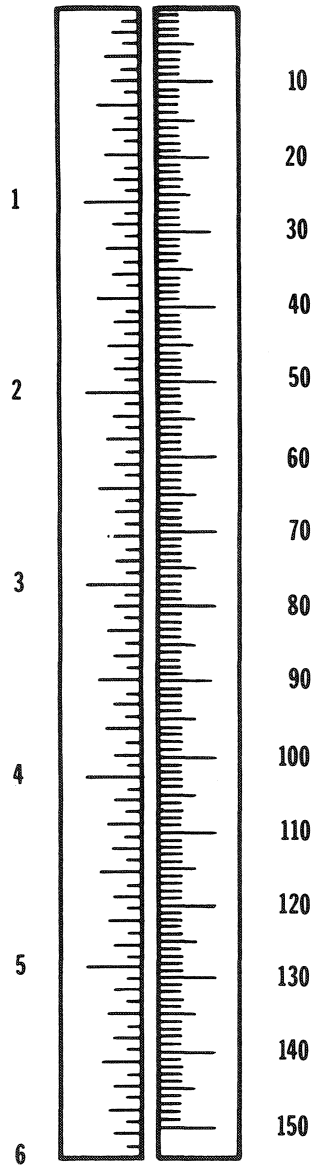
**If any information contained in this publication is not understood the user should contact his dealer for assistance.**

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# METRIC (SI) MEASUREMENTS

INCHES      MILLIMETRE



**English Unit**

**Metric Equivalent (SI)**

**Area**

1 square inch      6.45 cm<sup>2</sup> - square centimetre  
1 acre      0.405 ha - hectare

**Force**

1 pound (force)      4.45 N - newton

**Length**

1 foot      304.8 mm - millimetre, 30.5 cm - centimetre, 0.305 m - metre  
1 inch      25.4 mm - millimetre, 2.54 cm - centimetre  
1 mile      1609 m - metre, 1.61 km - kilometre

1 pound      0.454 kg - kilogram

**Power**

1 horsepower      0.746 kW - Kilowatt

**Pressure**

1 psi      6.89 kPa - kilopascal, 0.00689 MPa - megapascal

**Temperature**

1 degree Fahrenheit      (t - 32) °C - degree Celsius  
1.8

**Torque**

1 lb (force) - ft      1.356 N m

**Velocity**

1 mile per hour      1.61 km/h - kilometre per hour

**Volume**

1 bushel      0.035 m<sup>3</sup> - cubic metre  
1 gallon (US)      3.79 L-litre  
1 quart (US)      0.946 L - litre

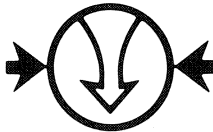
# INTERNATIONAL SYMBOLS



FUEL PRESSURE



FUEL SHUTOFF



AIR PRESSURE



AIR FILTER



OUTSIDE AIR CIRCULATION



ON



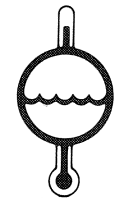
OFF



COOLANT LEVEL



COOLANT PRESSURE



COOLANT TEMPERATURE



BRAKE



BRAKE - EMERGENCY



AMMETER OR ALTERNATOR



OIL PRESSURE



LEVER - MOVEMENT



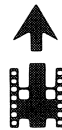
STEERING



TURN - LEFT



TURN - RIGHT



TRACTOR - FORWARD



TRACTOR - REVERSE

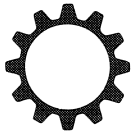


ENGAGE



DISENGAGE

# INTERNATIONAL SYMBOLS



TRANSMISSION OR  
CONVERTER



HYDRAULIC OIL  
TEMPERATURE



TRANSMISSION OR  
CONVERTER OIL



ENGINE OIL



TRANSMISSION OR  
CONVERTER OIL FILTER



ENGINE OIL  
FILTER



TRANSMISSION OR  
CONVERTER OIL LEVEL



ENGINE OIL  
LEVEL



TRANSMISSION OR  
CONVERTER OIL  
PRESSURE



ENGINE OIL  
PRESSURE



TRANSMISSION OR  
CONVERTER OIL  
TEMPERATURE



ENGINE - HEAT



TRANSMISSION DRIVE  
OIL LEVEL



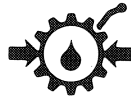
ENGINE - START OR  
RUNNING



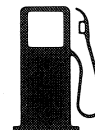
TRANSMISSION DRIVE  
OIL TEMPERATURE



ENGINE - STOP OR  
NOT RUNNING



TRANSMISSION  
CONTROL OIL PRESSURE



FUEL TANK



HYDRAULIC OIL  
FILTER



FUEL FILTER



HYDRAULIC OIL  
LEVEL



FUEL LEVEL

# INTERNATIONAL SYMBOLS



HOURS



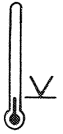
WINDSHIELD  
WIPER CONTROL



WINDSHIELD  
WASHER CONTROL



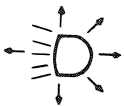
HORN CONTROL



COOLER CONTROL



HEATER CONTROL



LIGHT - ALL



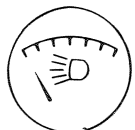
LIGHT - BRIGHT



LIGHT - DIM



LIGHT - PARK



LIGHT - INSTRUMENT



FAST



SLOW

# To The Owner/Operator

## DO NOT use or operate this tractor until this manual has been read and understood

### Foreword

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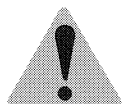
This manual has been compiled to assist the owner and/or operator with the correct operation, service and routine preventive maintenance procedures of the Case IH tractor.

This manual has been designed into eight major sections: Foreword, Safety, Specifications, Instruments and Controls, Operating Instructions, Service and Maintenance, Troubleshooting and Index. A general contents page is located at the beginning of the manual for a quick reference to the major sections. For a specific item, there is an alphabetical index placed in the rear of the manual.

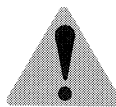
Throughout the manual references are made to left side and right side. These terms are used as viewed from the operators seat facing the front of the tractor.

In order to get the optimum performance and efficiency that has been designed into the tractor, read this manual thoroughly before operating or servicing the tractor. Become familiar with all decals and safety messages within the manual and on the tractor. Keep this manual in a convenient place for easy reference when problems arise. **Do Not** attempt to make repairs or adjustments you do not understand. If you require additional information or service, contact your dealer.

The signal words **CAUTION**, **WARNING** or **DANGER** are used to indicate degree of hazards and to warn against unsafe practices that may cause personal injury and are used with appropriate safety instructions. These signal words are not to be ignored, your safety is involved.



**CAUTION:** denotes a general reminder of good safety practices or directs attention to unsafe practices.



**WARNING:** denotes a hazard intermediate between **DANGER** and **CAUTION**.



**DANGER:** denotes the most serious hazard.

The word **NOTE**, is used to convey information that is out of context with the manual text; special information such as specifications, techniques, reference information and other information of a supplementary nature.

The word **IMPORTANT**, is used in the text when immediate damage will occur to the machine due to improper technique or operation. **IMPORTANT** will apply to the same information as specified by **NOTE**, only of an immediate and urgent nature.

It is the responsibility of the user to read the Operator's Manual and comply with the operating instructions, service and maintenance guidelines set forth in the manual.

The user is responsible for inspecting the machine daily, and for having parts replaced or repaired when continued use of the product would cause damage or excessive wear to other parts.

**NOTE:** *Setting fuel delivery above factory specifications or otherwise overpowering the tractor will void the warranty.*



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