

# 317 Hydrostatic Tractor



JOHN DEERE

## TECHNICAL MANUAL

### 317 Hydrostatic Tractor

TM1208 (01OCT81) English

John Deere  
Lawn & Grounds Care Division  
TM1208 (01OCT81)

LITHO IN U.S.A.  
ENGLISH



## INTRODUCTION

This technical manual contains service and maintenance information for the John Deere 317 Hydrostatic Tractor.

The manual is divided into sections. Each section pertains to a certain component or operational system of the tractor. The information is divided into groups within each section.

All sections of this technical manual should be carefully studied by the service technician. Much basic information such as the principles of 4-cycle engine operation, carburetion and ignition have been omitted. Such information can be found in any good library and is recommended reading for the new service technician before consulting this manual for service procedures.

Emphasis is placed on diagnosing malfunctions, analysis and testing. Diagnosing malfunctions lists possible troubles, their causes and how to correct them. Under specific components these troubles are analyzed to help the service technician understand what is causing the problem so it can be corrected rather than just replace parts and have the same problem keep recurring.

Specifications are found at the end of each Section for easy reference.



**This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.**

Metric equivalents have been included, where applicable, throughout this technical manual.

Vertical lines appear in the margins of many of the pages. These lines identify new material and revised information that affects specifications, procedures, and other important instructions.

# JOHN DEERE 317 HYDROSTATIC TRACTOR

Technical Manual  
TM-1208 (Oct-81)

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*(All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice).*

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# Section 10 GENERAL

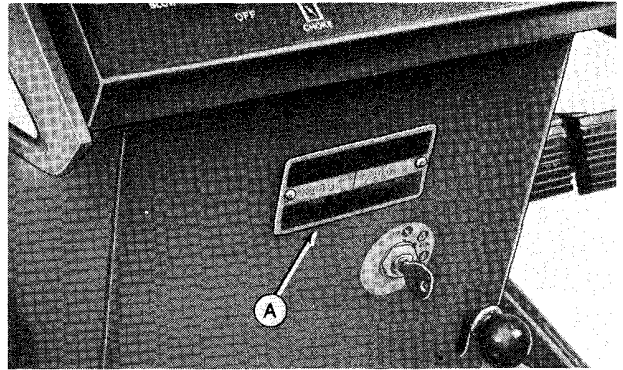
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**TRACTOR IDENTIFICATION**

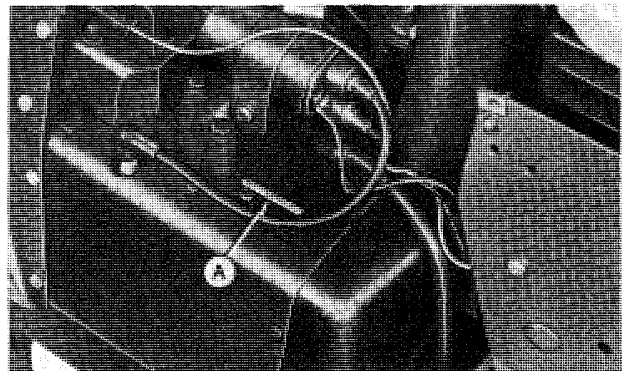
**TRACTOR SERIAL NUMBER**

The tractor serial number plate (A) is located on the pedestal just above the key switch.



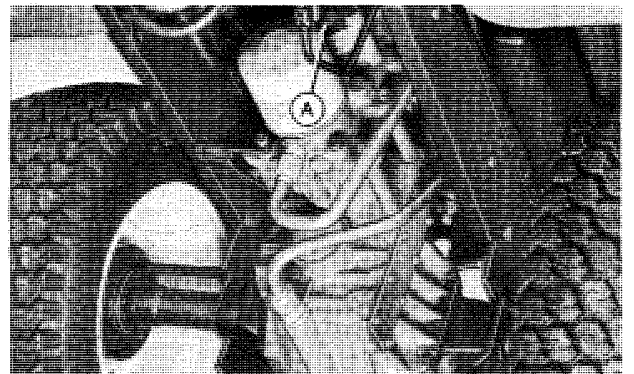
**ENGINE SERIAL NUMBER**

The engine serial number plate (A) is located on top of the blower housing.



**TRANSMISSION SERIAL NUMBER**

The transmission serial number (A) is located above the oil filter on the front of the transmission.



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