

4030 Tractor



TECHNICAL MANUAL 4030 Tractor

TM1055 (01JAN78) English



**John Deere Waterloo Works
TM1055 (01JAN78)**

LITHO IN U.S.A.
ENGLISH



4030 TRACTOR TECHNICAL MANUAL TM-1055 (JAN-78)

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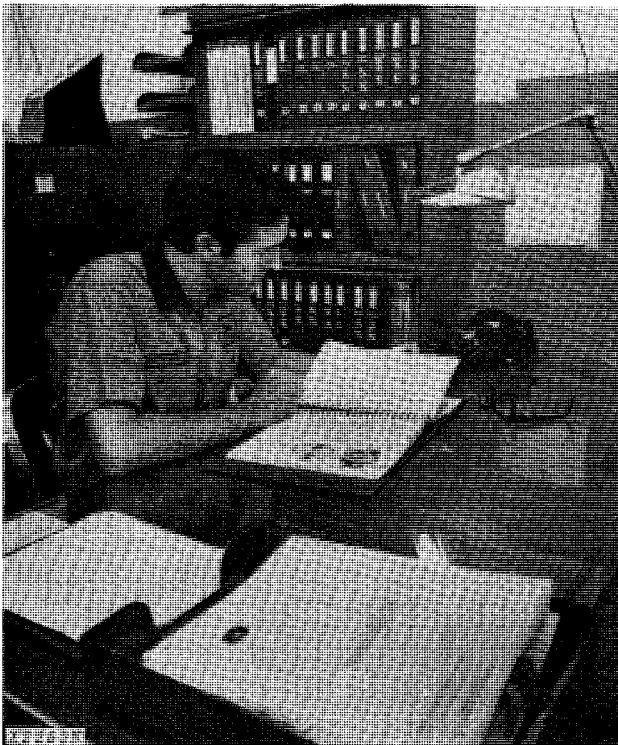
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INTRODUCTION



Use FOS Manuals for Reference

This technical manual is part of a twin concept of service:

- **FOS Manuals — for reference**
- **Technical Manuals — for actual service**

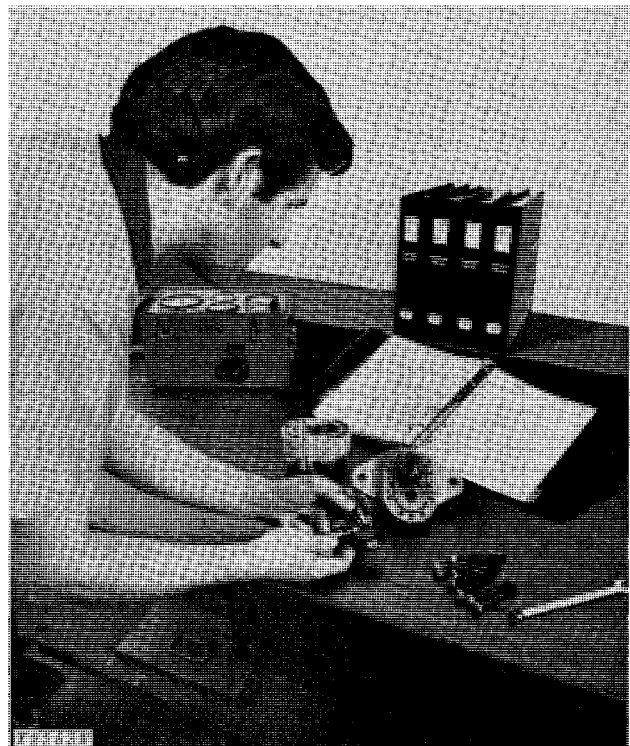
The two kinds of manuals work as a team to give you both the general background and technical details of shop service.

Fundamentals of Service (FOS) Manuals cover *basic* theory of operation, *fundamentals* of trouble shooting, *general* maintenance, and *basic* types of failures and their causes. FOS Manuals are for training new people and for reference by experienced people.

Technical Manuals are *concise* service guides for a *specific* machine. Technical Manuals are on-the-job guides containing only the vital information needed by a journeyman mechanic.



When a serviceperson should refer to a FOS Manual for more information, a FOS symbol like the one at the left is used in the TM to identify the reference.



Use Technical Manuals for Actual Service

Some features of this technical manual:

- *Table of contents at front of manual*
- *Exploded views showing parts relationship*
- *Photos showing service techniques*
- *Specifications grouped for easy reference*

This technical manual was planned and written for you — a journeyman mechanic. Keep it in a permanent binder in the shop where it is handy. Refer to it whenever in doubt about correct service procedures or specifications.

Using the technical manual as a guide will reduce error and costly delay. It will also assure you the best in finished service work.



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.

Section 10 GENERAL

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Group 5

GENERAL TRACTOR SPECIFICATIONS

| | |
|-----------------------------------|----------------------------------|
| PTO HORSEPOWER (2500 engine rpm): | ENGINE (Continued) |
| Diesel (official test) | Engine Speeds: |
| Gasoline (factory observed) | Working range |
| | Slow idle |
| ENGINE | COOLING SYSTEM |
| Type | Type |
| | |
| Bore and Stroke | Engine temperature control |
| Diesel | |
| Gasoline | |
| Displacement | LUBRICATION SYSTEM |
| Diesel | Type |
| Gasoline | |
| Compression Ratio | FUEL SYSTEM |
| Diesel | Diesel |
| (E368191- | |
| Gasoline (all) | |
| Firing order | |



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