

2440 AND 2640 TRACTORS (S/N -340999)



TECHNICAL MANUAL 2440 AND 2640 TRACTORS (S/N -340999)

TM1142 (01MAR81) English



JOHN DEERE TRACTOR WORKS
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LITHO IN THE U.S.A.
ENGLISH



**2440 AND 2640
TRACTORS**
(Serial No. -340999)
TECHNICAL MANUAL
TM-1142 (Sep-75)

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GENERAL 10

ENGINE 20

FUEL SYSTEM 30

ELECTRICAL SYSTEM 40

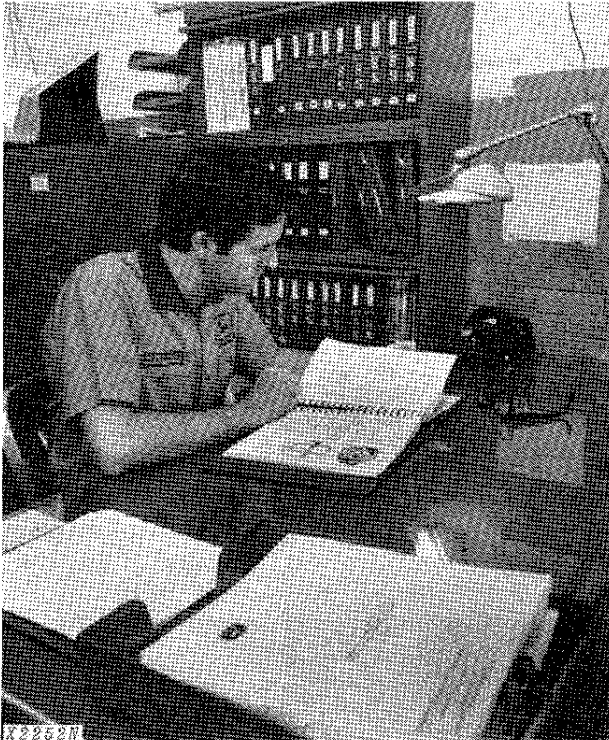
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INTRODUCTION



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

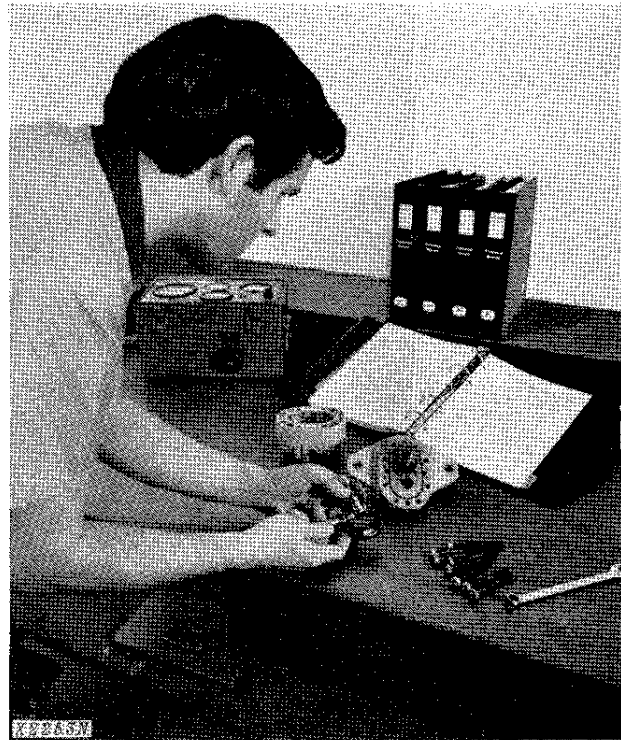
The two kinds of manuals work as a team to give you both the general background and technical details of shop service.

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 personnel and for reference by experienced technicians.

Technical Manuals are concise service guides for a specific machine. Technical Manuals are on-the-job guides containing only the vital information needed by an experienced technician.



When a service person 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—an experienced technician. 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 (2440)

ENGINE

Maximum PTO horsepower* ..	60.65 (45.23 kW)
Number of cylinders	4
Bore and stroke	4.02 in. (102 mm) x 4.33 in. (110 mm)
Displacement	219 in. ³ (3590 cm ³)
Compression ratio	16.8 to 1
Firing Order	1-3-4-2
Intake valve clearance	0.014-in. (0.35 mm)
Exhaust valve clearance	0.018-in. (0.46 mm)
Slow idle	800 rpm
Fast idle	2650 rpm

*Official test at 2500 engine rpm (650 or 1210 PTO rpm)

ELECTRICAL SYSTEM

Battery dry voltage	12 volts
Battery specific gravity at full charge (corrected to 80°F [27°C])	1.260
Battery terminal grounded	negative

CAPACITIES

Fuel tank	19-1/2 gals. (73.8 L)
Cooling system	12 qts. (11.4 L)
Crankcase (including filter)	6 qts. (5.7 L)
Transmission-hydraulic system	10 gals. (38 L)
Belt pulley	2-1/2 pts. (0.3 L)

CLUTCH	Single or dual stage, spring-loaded, dry disk, foot-operated.
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Thank you very much
for your reading.
Please click here
to get more information.