



3000 SERIES TRACTORS



JOHN DEERE

SERVICE MANUAL 3000 SERIES TRACTORS

SM2038 (01MAR67) English



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SERVICE MANUAL

JOHN DEERE

3000 SERIES

TRACTORS

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TO THE JOHN DEERE SERVICEMAN

This service manual contains maintenance instructions for John Deere 3000 Series tractors. Included are complete instructions for removal, disassembly, inspection, repair, assembly and installation of the major parts and assemblies of the tractor.

In addition, the manual contains brief descriptions of the more complicated systems of the tractor, and tells how they operate. Tests and adjustments, required to keep the tractor operating efficiently, are explained in detail.

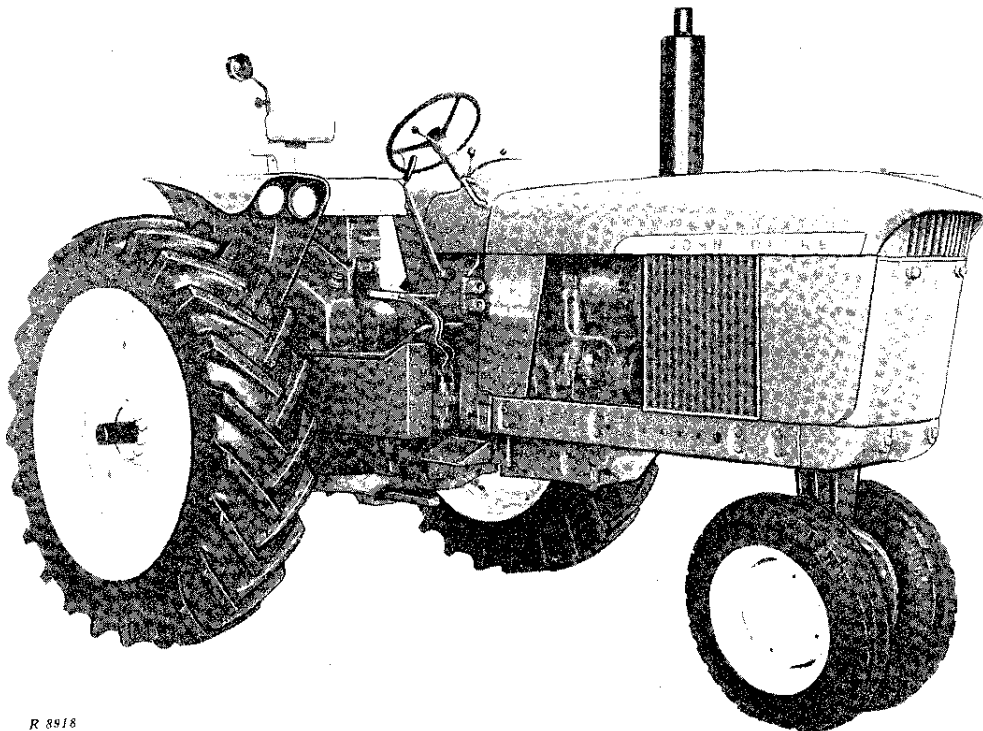
A section on "Specifications" lists dimensions of many new wearing parts as an aid in determining when parts replacement is necessary.

A section on "Tune-Up and Adjustment" contains instructions for performing the services necessary to help the tractor perform efficiently and economically after it has been in the field for some time.

A section on "Special Tools" lists special tool equipment which enables the serviceman to service the tractor efficiently with a minimum of time expended.

This manual was planned and written for the Service Department; its place is in the shop. Use the manual whenever in doubt about correct maintenance procedures. Use it as a text book for training new Service Department personnel who are unfamiliar with John Deere Tractors.

Daily use of the Service Manual as a guide for any and all service problems will reduce error and costly delay to a minimum and assure you the best in finished service work. In many instances your customer's confidence in your work will be improved when he sees you using the Service Manual. He knows you are following approved maintenance procedures and making proper adjustments. There is no guesswork when you use the manual.



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John Deere 3020 Row-Crop Tractor with Diesel Engine

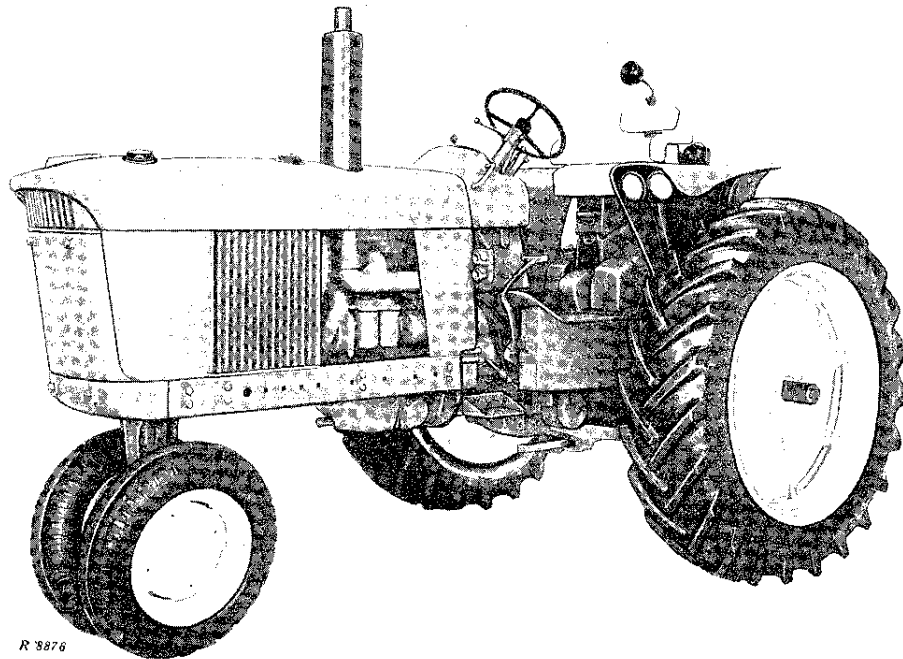


Section 10

10-5-1

DESCRIPTION, OPERATION, AND SPECIFICATIONS

Group 5 DESCRIPTION



*Fig. 10-5-1—Left-Hand View of John Deere 3020 Row-Crop Tractor
with Diesel Engine*

John Deere 3020 Tractors are available in five basic styles: Row-Crop, Standard, Hi-Crop, Utility, and Orchard.

These tractors may have a Syncro-Range transmission providing eight forward and two reverse speeds, or a Power Shift transmission providing eight forward and four reverse speeds.

3020 Tractors (Serial No. 68000 and after) may be equipped with an optional differential lock which provides increased traction under certain operating conditions.

John Deere 3010 Tractors were available in

four basic styles: Row Crop, Standard, Utility, and Orchard.

These tractors have a Syncro-Range transmission providing eight forward and three reverse speeds.

In all styles the majority of parts and components are identical.

The features of the tractors are described briefly in the paragraphs which follow. Full descriptions of their various assemblies are given in the other sections throughout this manual.



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for your reading.
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to get more information.