

JOHN DEERE 720 SERIES SPARK IGNITION TRACTORS

JOHN HARE



COLLECTION

SERVICE MANUAL JOHN DEERE 720 SERIES SPARK IGNITION TRACTORS

SM2025 (01SEP58) English



JOHN DEERE TRACTOR WORKS
SM2025 (01SEP58)

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ENGLISH



SERVICE MANUAL FOR JOHN DEERE DEALERS

720 **SPARK** **IGNITION** **TRACTORS** **SERIES**

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TO THE JOHN DEERE SERVICEMAN

This Service Manual contains maintenance instructions for the John Deere "720" Series, Spark Ignition 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. Dimensions of many new wearing parts are given as an aid in determining when parts replacement is necessary. Tests and adjustments, required to keep the tractor operating efficiently, are explained in detail.

The manual also contains complete instructions for performing the predelivery, delivery, after-delivery and 150-hour services outlined in the Service Policy which accompanies each tractor. By using this information, you will be sure that the tractor is ready to perform efficiently and economically when it is delivered to its new owner and that it will be restored to peak efficiency when it is brought into your shop for after-delivery services. 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.

The sections in this manual concerning the power steering mechanism, carburetors, electrical equipment and Powr-Trol are limited mainly to removal and installation instructions.

Full maintenance instructions for the power steering mechanism are given in *Service Manual SM-2016, "Power Steering for John Deere Tractors."*

Complete information concerning the gasoline, All-Fuel and LP-Gas carburetors used on the "720" Tractor is contained in *Service Manual SM-2024, "Carburetors for John Deere Tractors and Engines."*

Complete instructions for all components of the electrical and ignition systems of the tractor are being prepared at the present time and will be published in *Service Manual SM-2026, "John Deere Electrical Systems."* Similar information is currently available in *Service Manual SM-2000, "Tractors and Engines (General)."* SM-2000 can be referred to in case of electrical and ignition problems until such time as SM-2026 becomes available.

For additional information concerning the Custom Powr-Trol mechanism, consult *Service Manual SM-2022, "Custom Powr-Trol."*

This manual is written specifically for "720" Series, Spark Ignition Tractors. However, most of the information it contains applies equally to Model "70" Tractors, and also to "730" Series Tractors. Most of the components of the three tractors are similar or identical, as are also the service procedures applicable to the components. Where variations exist in the components and procedures, they are of such a minor nature that the serviceman will be able to apply the information in this manual to "70" and "730" Tractors without difficulty.

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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