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MANUAL PREVIEW

Caterpillar
Service Manual

Service Manual

Thirty

SN PS13286

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Foreword

This instruction book is divided into two parts. The first part gives instructions relative to the driving and daily care of the tractor, and must be carefully read by every operator. The second part gives detailed instructions regarding repairs. It can be considered a reference book to be consulted when necessary, since repairs are only made when occasion arises.

After a long period of use and before beginning another such period, it is wise to put the tractor in the best possible condition. Certain special tools have been made for this class of work. They are not furnished with each tractor since their use is required only at intervals. These tools are available to any "Caterpillar" user through his dealer. Their use has been described and illustrated in this book.

When making repairs replace all locks, lock washers, lock wires, cotter pins and gaskets with new ones. A great deal of unnecessary work and trouble will thereby be eliminated.

The use of "right" and "left" means right and left of the tractor as the operator looks forward, from seat toward radiator. Cylinders, connecting rods, etc., are numbered 1, 2, 3, 4 from front to rear.

Words in the book in CAPITAL LETTERS such as RADIATOR, TIMING GEAR HOUSING, etc., are key words and may be found in the index. To avoid repetition of instructions, these key words are used to refer to the place in the book where information on the particular operation may be found. For example: To remove the fan the RADIATOR must be removed. Find RADIATOR in index and refer to page given.

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Specifications

ENGINE	Bore, 4 $\frac{3}{4}$ " ; stroke, 6 $\frac{1}{2}$ " ; R.P.M. 850. Firing Order—1-2-4-3.	
FUEL	Gasoline. (In countries where gasoline is unobtainable or where its price is unduly high in comparison with other locally obtained fuels, distillate, kerosene, alcohol, etc., can be used. Information regarding the use of such fuels furnished by dealer on request.) Fuel tank of 35 U. S. Standard gallons capacity.	
TRACK	Width of standard track shoe 13". Special shoes may be obtained for special purposes.	
RATINGS	Drawbar horsepower, 25.	Belt horsepower 30.
SPEEDS	1st1.7 M.P.H.	3rd3.6 M.P.H.
	2nd2.6 M.P.H.	Reverse ..2.0 M.P.H.
DIMENSIONS	Shown on Page 11.	
NET WEIGHT.....	(Approximate)—9,701 lbs.	} With Canopy Top
SHIPPING WEIGHT	(Approximate)—9,910 lbs.	

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