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MANUAL PREVIEW

Caterpillar

Service Manual

Ten

S/n PT-1

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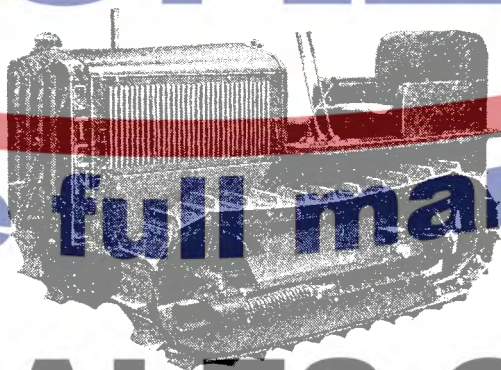
Instruction Book

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Peoria, Ill.

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Specifications

ENGINE Bore, $3\frac{3}{8}$ " ; stroke, 4" ; R.P.M. 1500.

FUEL Gasoline. (In countries where gasoline is unobtainable or where its price is unduly high in comparison with other locally obtainable fuels, distillate, kerosene, alcohol, etc., can be used. Information regarding the use of such fuels furnished by dealer on request.)
Fuel tank of 17 gallons capacity.

TRACK Width of standard track shoe 8".
Special shoes may be obtained for special purposes.

RATINGS Drawbar horsepower, 10. Belt horsepower, 14.

SPEEDS 1st 2.02 M.P.H. 3rd 3.51 M.P.H.
2nd 2.59 M.P.H. Reverse . 2.07 M.P.H.

DIMENSIONS Shown on page 11.

NET WEIGHT (Approximate)—4,000 lbs.

SHIPPING WEIGHT (Approximate)—4,350 lbs.

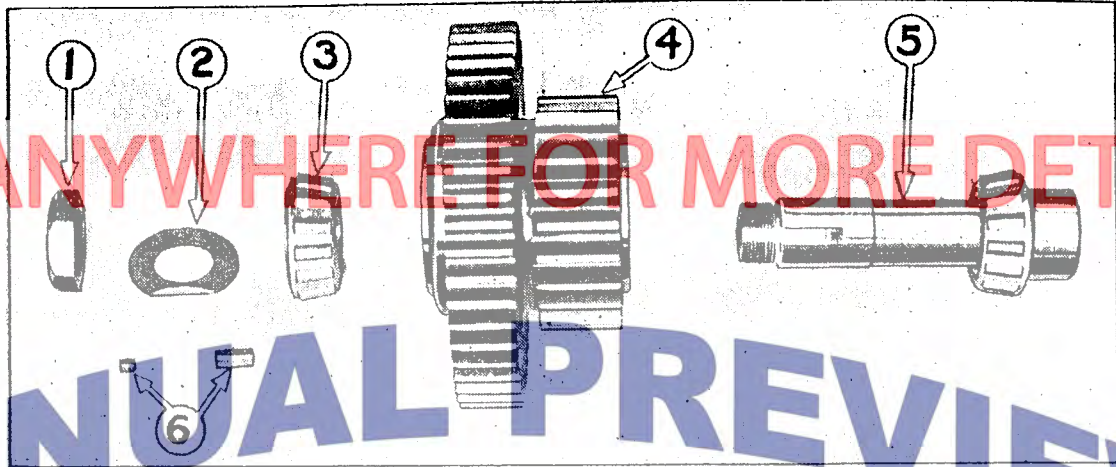
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INTERMEDIATE SHAFT PARTS

1—Nut. 2—Lock. 3—Bearing. 4—Gear and pinion. 5—Shaft and bearing.
6—Key and cork plug.

INTERMEDIATE GEAR AND PINION

To Remove: Remove FINAL DRIVE Assembly, STEERING CLUTCH OUTER DRUM, and BRAKE BAND. Remove SPROCKET and FINAL DRIVE GEAR. Remove nut from intermediate shaft and drive shaft out through gear and pinion. Gear and pinion may now be lifted out. Old races may be removed from gear and pinion bearings and new ones driven in.

To Replace: Remove key and cork plug from key way. Place gear and pinion in position and install shaft, keeping keyways of shaft and housing in line. Drive shaft into place, using lead hammer, or block of wood to cushion blows. Drive key into keyway and replace cork plug. Install lock and nut. Tighten nut until gear and pinion bind when turned by hand. Back off nut one sixth turn, then bend over edge of lock against face of nut.



REMOVING SPROCKET SHAFT BEARING RACES
1—Special puller. 2—Race.