

John Deere

CLICK ANYWHERE FOR MORE DETAILS

MODEL:

Waterloo Boy
R1917

MANUAL PREVIEW

JENSALES
SERVICE
MANUAL

purchase full manual at

JENSALES.COM
or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
JOHN DEERE OR IT'S SUCCESSORS. JOHN DEERE AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

JD-S-WB R1917

SAVE THIS BOOK.

IT WILL SAVE YOU MONEY.

INSTRUCTION BOOK
and **PRICE LIST OF PARTS**

No. 5

Waterloo Boy
Tractors

Must have Number of
Tractor when Order-
ing Repairs or when
referring to same

Number can be found stamped on end of Crank
Shaft or Crank Case

THESE PRICES SUBJECT TO
CHANGE WITHOUT NOTICE

or Call 800-443-0625

Manufactured by
Waterloo Gasoline Engine Co.
Waterloo, Iowa

STUDY THIS BOOK

IT WILL SAVE YOU TIME AND TROUBLE

CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

JENSALES[®]

purchase full manual at

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

Cut Showing How to Attach Grousers.

Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done

If tappet rods are out of adjustment or valves out of time, the motor will over heat.

If no water is used with kerosene when motor is under heavy load, it will over heat.

If you are using improper lubricating oil, the motor will over heat. Use a heavy grade of kerosene tractor oil in hot weather. Be sure that oil pump works. In cold weather if oil does not pump freely put a little kerosene in the crank case to thin the lubricating oil, care should be taken not to thin the lubricating oil too much.

TIMING SEVISON AUTOMATIC MAGNETO

First—Crank the motor over until the left hand cylinder is on dead center of the compression stroke. Now, draw a line on the rim of the balance wheel and turn 2 inches farther. This will be the position of the motor when the late or retarded spark should occur.

Second—Install the magneto so the magneto shaft and the motor drive shaft are in line with each other.

Third—Loosen clamp bolts on magneto coupling. Now, take hold of the coupling on the magneto shaft and turn it in the direction of its travel, indicated by the arrow on the governor body. Rotate this until the fan in the distributor starts to pass over the pin, as indicated in accompanying illustration.

Pull impulser over until it snaps. Then turn back until points in breaker box close.

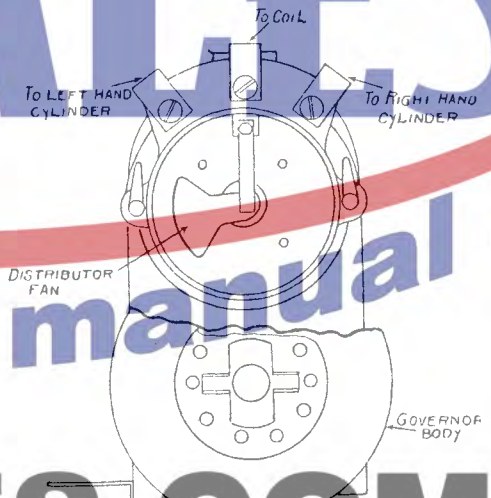
Tighten the clamps on the magneto coupling. Be sure these are tight.

You will note now that by placing your hand on the governor body, it can be rotated in the direction of its travel about $1\frac{1}{4}$ inch. This is what happens when the governor weights inside expand, but should always be kept back in the retarded position when installing for the late spark, as above described.

If the fly wheel on the motor is backed up 8 or 10 inches, and then with one hand holding the governor body to the full extreme advance in the direction of its travel, and with the other hand pulling the engine slowly forward when the contact points just start to open, this would be the place where the advance spark will occur when the motor is running up to its maximum speed, which you will note is about 4 inches advance on the balance wheel.

For connecting up the high tension wires from the spark plug to distributor terminals, is shown in the illustration.

Fill magneto with oil before starting. For oiling magneto and maintenance of same, please read accompanying instruction book.



Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done

Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done

CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

JENSALES®

purchase full manual at

225R, 220R, 218R, 231R, 227R, 214R, 230R, 226R, 229R, 324R, 319R, 320R, 222R, 224R, 325R, 321R, 217R, 326R, 212R, 232R

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done

Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done

CLICK ANYWHERE FOR MORE DETAILS

FUEL SUPPLY

<i>Apily</i>	212R	Fuel Tank Strap	\$.20
<i>Arab</i>	213R	Fuel Tank	9.65
<i>Arabic</i>	214R	Filler Cap	.70
<i>Arable</i>	215R	Fuel Tank Outlet	1.30
<i>Arbor</i>	216R	Fuel Pipe Coupling	.25
<i>Arcade</i>	217R	Fuel Pipe Clamp	.15
<i>Arched</i>	218R	Kerosene Fuel Pipe	1.90
<i>Archer</i>	219R	Carburetor Water Pipe	.75
<i>Arctic</i>	220R	Carburetor Stud	.15
<i>Ardent</i>	221R	Carburetor complete	16.00
<i>Ardor</i>	222R	Air Intake Elbow	.50
<i>Area</i>	223R	Gasoline Tank	1.30
<i>Arena</i>	224R	Gasoline Tank Strap	.15
<i>Argent</i>	225R	Gasoline Fuel Pipe	1.10
<i>Argosy</i>	319R	Kerosene Cock, or 3-way Cock	.50
<i>Argue</i>	320R	Water or Gasoline Cock	.35
<i>Arid</i>	321R	Carburetor. Asbestos Gasket	.15
<i>Aright</i>	323R	Cinch Pipe Coupling $\frac{1}{2}$ "	.20
<i>Arise</i>	324R	Air Stack	.80
<i>Arisen</i>	324RC	Air Stack complete	1.75
<i>Armlet</i>	325R	Air Stack Bracket	.25
<i>Armor</i>	326R	Air Stack Hose	.26
<i>Armory</i>	788R	Fuel Tank Bracket, each	1.00

EXHAUST

<i>Army</i>	226R	Muffler Head	\$.25
<i>Aroma</i>	227R	Muffler Bottom	.25
<i>Arouse</i>	229R	Outer Muffler Drum	.30
<i>Arrant</i>	230R	Inner Muffler Drum	.30
<i>Array</i>	231R	Muffler Assembling Rod	.15
<i>Arrest</i>	232R	Muffler Nipple (2"x9 $\frac{1}{2}$ ")	.45
<i>Arrive</i>	233R	Muffler, complete with nipple	2.00

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

Give Number of Tractor, and Number and Name of Part Wanted
We Do Not Guarantee Prompt and Accurate Shipment Unless This is Done