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MODEL:

60 Series Tractor

MANUAL PREVIEW

OPERATOR'S
MANUAL

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**MODEL
60 SERIES
TRACTOR**

MANUAL PREVIEW

**OPERATORS MANUAL
MODEL 60 SERIES
TRACTOR**

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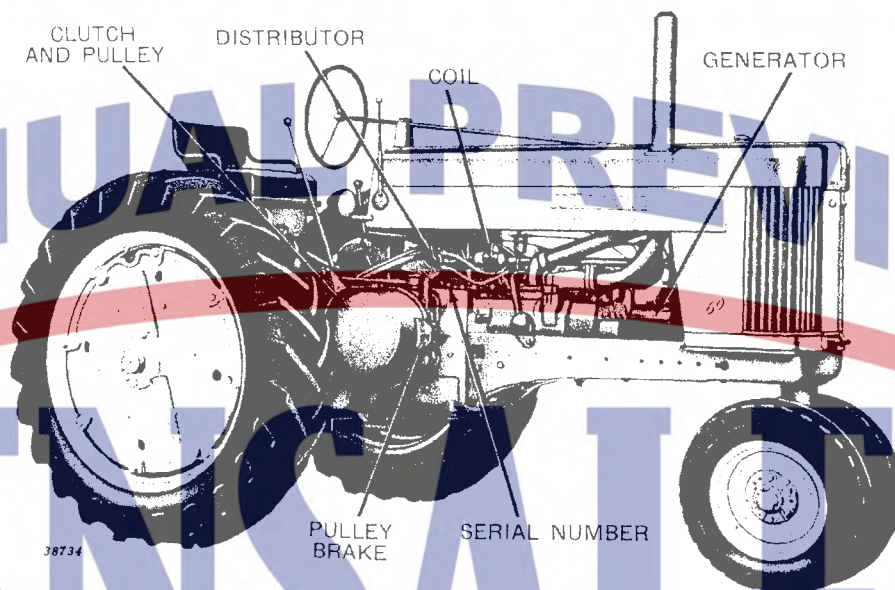
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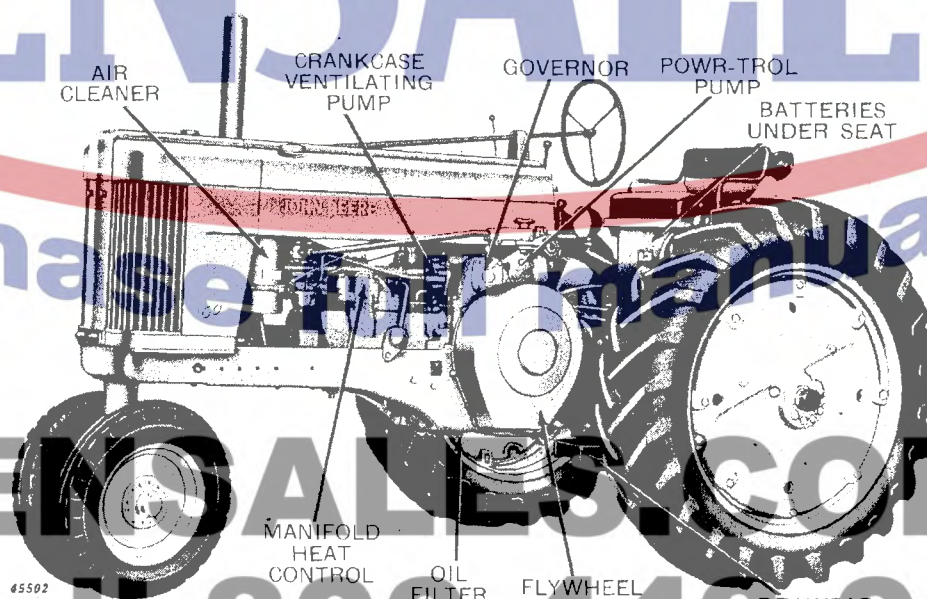


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John Deere Model "60" Tractor—Pulley Side



John Deere Model "60" Tractor—Flywheel Side

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SPECIFICATIONS AND DATA

REAR AXLES:

Diameter..... 2-3/4"
Bearings..... Four tapered roller bearings.
Types Available.... Regular and long

REAR WHEELS AND TIRES:

Regular Rear Axle... 11-38, 6-ply tires on cast disk wheels (recommended for average field conditions). 12-38, 6-ply tires also available.

Long Rear Axles.... 11-42, 6-ply tires mounted on cast disk wheels. 9-42, 11-38, and 12-38, 6-ply tires also available.

REAR WHEEL BRAKES:

Type..... Two automotive-type internal-expanding rear wheel brakes.

FRONT WHEELS AND TIRES:

Double and Adjustable Type:

Reversible for added clearance.

Bearings..... Four tapered roller bearings.

Tires..... 6.00 x 16", 4-ply.
6.00 x 16", 6-ply also available.

Single Type:

Bearings..... Two tapered roller bearings.

Tires..... 7.50 x 16" or 9.00 x 10", 8-ply.

	Double Front Wheel (38" Rear Wheel)*	Single Front Wheel (42" Rear Wheel)	Adjustable Tread Front Axle (42" Rear Wheel)
POWER TAKE-OFF:			
Shaft Diameter.....	1-3/8"	1-3/8"	1-3/8"
Shaft rpm:			
Transmission Driven.....	542	542	542
Direct Engine Driven.....	532	532	532
Splined End Ahead of Hitch.....	14"	14"	14"
Splined Shaft Above Ground:			
Transmission Driven.....	21-3/4"	23-3/4"	23-3/4"
Direct Engine Driven.....	24-9/16"	26-9/16"	26-9/16"

DIMENSIONS:

Wheel-Base.....	90"	90-1/4"	96-3/8"
Over-All Height.....	84-1/8"	86"	85-3/16"
Height to Radiator Cap.....	65-9/16"	67-3/8"	68-3/16"
Width Over Axles.....	86-5/8"	95-15/16"	95-15/16"
Tread Adjustments.....	56-88"**	56-104"	56-104"
Clearance.....	25-5/16"	27-5/16"	Front 24-3/16" Rear 27-5/16"
Turning Radius.....	8' 7-1/2"	10' 5"	17' 0"

SHIPPING WEIGHT..... 5300 Lbs. 5330 Lbs. 5690 Lbs.

(Weights are for Tractors dry and with wheel equipment as shown under "Front Wheels" and "Rear Wheels")

*Available with double front wheel, single front wheel, or adjustable tread front axle.

**Available with long axles providing tread of 62-1/2" to 97-3/4" and, with offset wheels, a tread of 56" to 104" is provided.

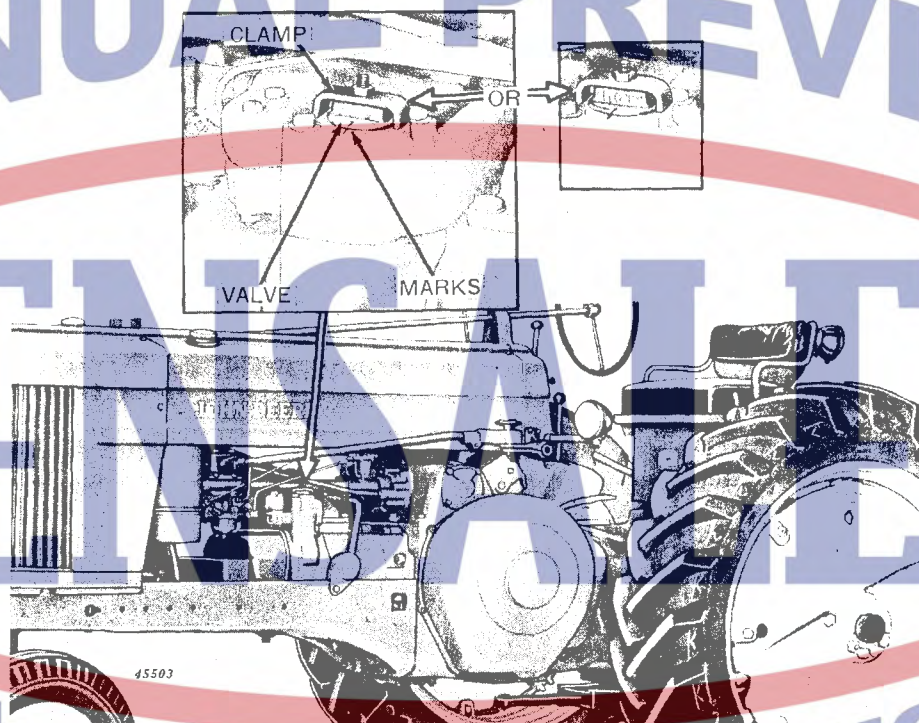
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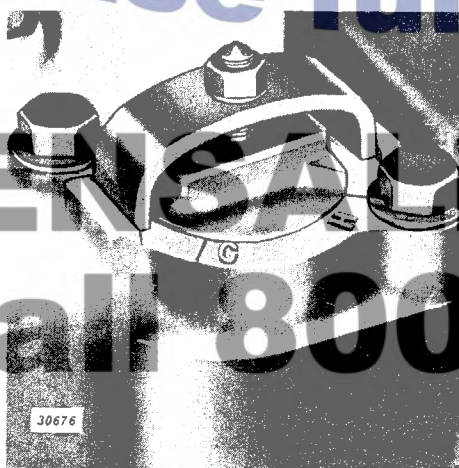
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MANIFOLD HEAT CONTROL VALVE.

The purpose of this control, located in the engine manifold, is to improve engine performance and efficiency in hot or cold weather by controlling the path taken by the hot exhaust gases.



Manifold Heat Control Valve (Gasoline)



Manifold Heat Control (All-Fuel)

On gasoline-burning tractors the words "HOT" and "COLD" are stamped on opposite sides of the valve as shown in the illustration above. On All-Fuel tractors an indicator on the valve points to the letters "C" or "H" stamped on the manifold (see illustration at left).

Turning the valve to the "H" or "HOT" position causes the exhaust gases to warm the incoming fuel and air mixture before it enters the combustion chamber of the engine. This position is for use in cold weather (below 32°F.),

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TRANSMISSION LUBRICATION

Lubrication of the transmission is entirely automatic. The differential and final drive gears are partially submerged in transmission oil and when they revolve, oil is carried up to all transmission parts, completely bathing gears, shafts, and bearings.



Transmission Lubrication

Changing seasons and temperatures, together with heating and cooling of the tractor, cause condensation and eventually an accumulation of water in the main transmission case. This water breaks down the lubricating qualities of the oil and is one reason why transmission oil should be changed periodically. (See page 73.)

Periodically (especially in the spring), the transmission should be drained, washed out, and filled to the level of the filler opening with the correct weight of oil. At the same time, drain and refill the first reduction gear cover. (See page 73.)

WEIGHT OF TRANSMISSION OIL

Air Temperature	SAE Viscosity Numbers	Oil Capacity, U. S. Measure
0° F. and Up	90	6 gals.
Below 0° F.	80	

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