

John Deere 850 2wd



John Deere 850



Production years:	1978 - 1989
Tractor type:	Farm/Agricultural tractor
Smaller:	<u>John Deere 750</u>

Production:

Distributor:	John Deere
Manufacturer:	Yanmar
Factory:	Japan
Total built:	-unknown-
Original price (USD):	\$11,000 (1989)

John Deere 850 Engine:

Yanmar 3-cyl diesel

[full engine details ...](#)

Capacity:

Fuel:	8.5 gal [32.2 L]
Hydraulic system:	19 gal [71.9 L] 21 gal [79.5 L] (after 1984)

3-Point Hitch:

Rear Type:	I
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850 Serial Numbers:

Location:	Below PTO
1978:	1000
1979:	3859
1980:	7389
1981:	11338
1982:	12481
1983:	14183
1984:	16006
1985:	18001
1986:	22002
1987:	25501
1988:	28337

John Deere 850 Power:

Drawbar (claimed):	19 hp [14.2 kW]
PTO (claimed):	22 hp [16.4 kW]
Drawbar (tested):	17.77 hp [13.3 kW]
PTO (tested):	22.27 hp [16.6 kW]
	<u>power test details ...</u>

Mechanical:

Chassis:	4x2 2WD 4x4 MFWD 4WD (optional)
Steering:	manual
Brakes:	differential mechanical expanding shoe
Cab:	Two-post ROPS.

3-Point Hitch:

Rear Type:	I
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Power Take-off (PTO):

Rear PTO:	transmission (early) live two-stage clutch (after 1984, SN16001)
Rear RPMs:	540

Dimensions & Tires:

Wheelbase:	64 inches [162 cm]
Weight:	2,400 lbs [1088 kg]
Front tire:	5.00-15
Rear tire:	11.2-24

Rear Tires - Turf Tires



Current Tires - Bridgestone

Tractor is 2wd

so Wheel Ratio not essential

Size 355/80D20, 4 Ply

Six Bolt Rim

DIMENSIONS

Tire Size	Metric	Article Number	Ply Rating	Rim Width (in)	Overall Width (in)	Overall Diameter Static (in)
355/80D20		344-982B	4	11.00	13.9	42.4

Load Radius (in)	Rolling Circum. (in)	Bar Height Index	32nds	Bar Height (in)	Tire Weight (lbs.)	Maximum Load & Inflation (lbs/psi)
19.5	124	13		0.41	82	1820 @ 15

Front Tires - Turf Tires



Front Tires **Current Tires - Bridgestone**

Size Only can read 50-14 is what I can make out

4 Ply

Six Bolt Rim

25X8.50-14 NHS
Tire Size 25X8.50-14 NHS
Rim Width 7.00
Static Load Radius 10.8
Tread Depth 10
Ply 4
Tire Weight 18
Max Tire Load 1320 @ 22
Overall Width 8.4
Overall Diameter 25.0

Is this the right tire size? I found these specs on the Internet. Any help will be greatly appreciated.

Hydraulics

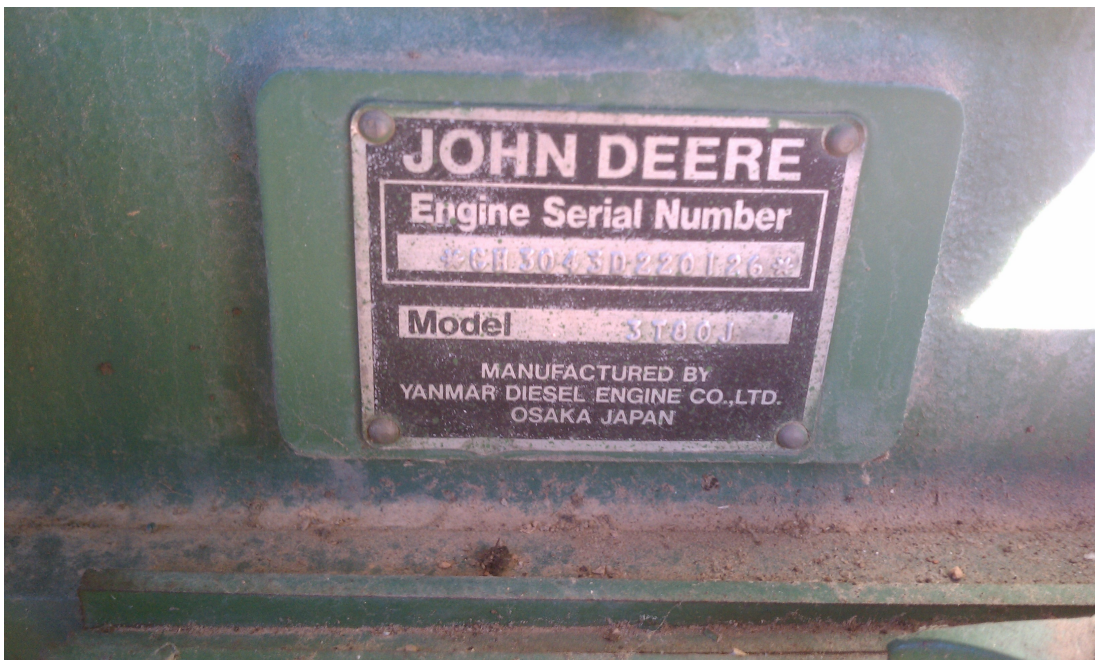
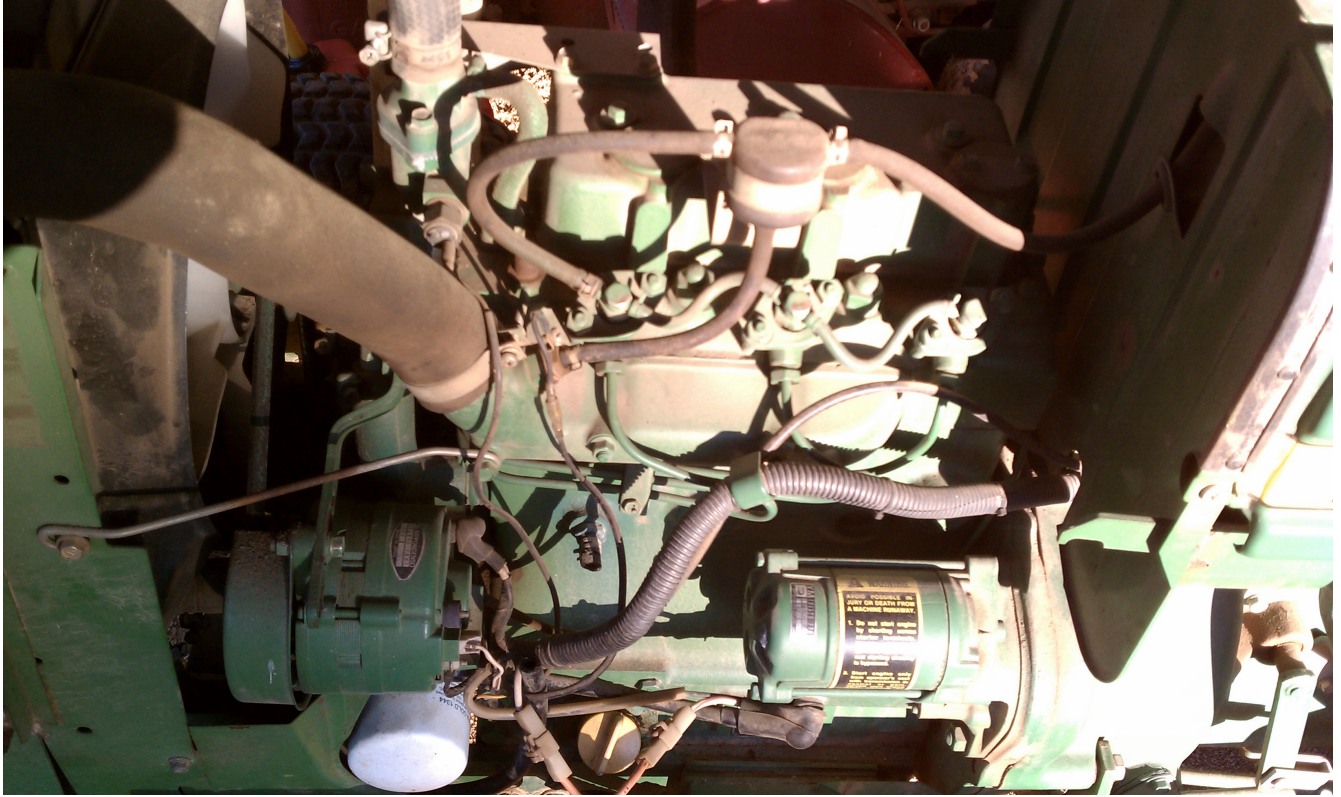


4 Hydraulic hoses need to be replaced. Basically dry rotted.

They are approximated 18" in length.

Best way to go about getting these replaced??????

Engine



Engine Model 3T801, Ser#*CH3043D220126*