

John Deere

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MODEL:

3040 & 3140 Tractors

S/N 0-429,999

MANUAL PREVIEW

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OPERATOR'S
MANUAL

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3040 and 3140

**Tractors
(Up to Serial
No. 429,999)**

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OPERATORS MANUAL

**3040 and 3140 Tractors (Up to Serial
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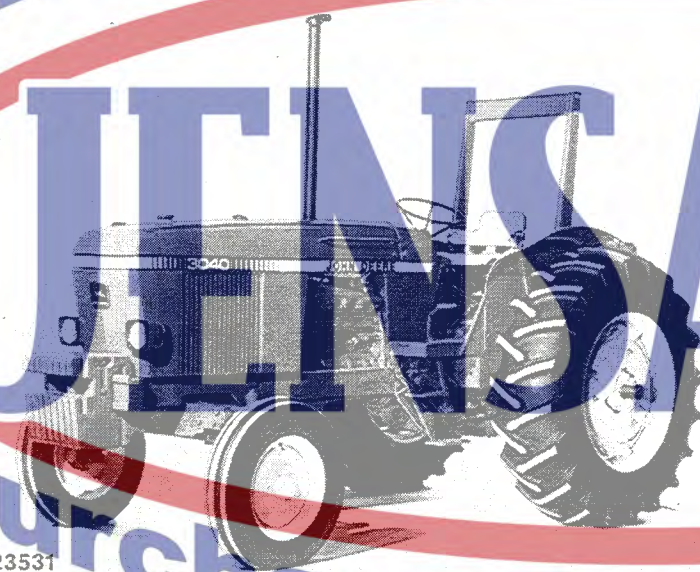
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MANUAL REVIEW



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"BILUX" LIGHTING SYSTEM

- A — Main switch
- B — Full-beam headlights switch
- 0 — "Off" position (key can be removed)
- 1 — Lights switch off
- 2 — Parking lights
- 3 — Dimmed headlights
- P — Parking lights (key can be removed)



Front Lighting (without Cab)

- A — Headlights
- B — Turn-signal and clearance lights

Rear Lighting (without Cab)

- A — Work light
- B — Tail, stop and turn signal lights
- C — Socket for trailer lighting

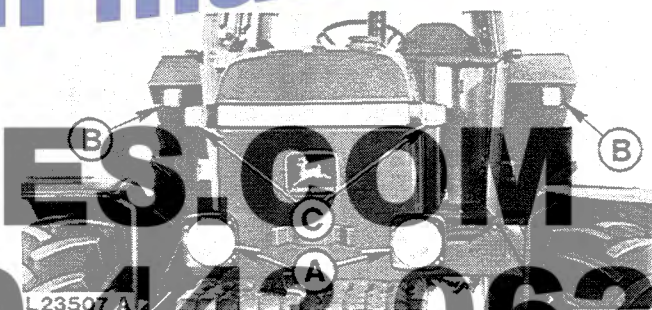
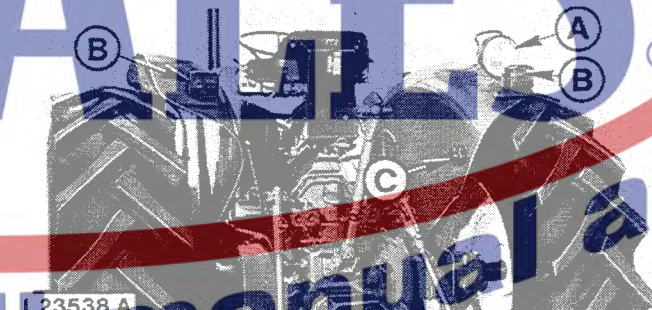
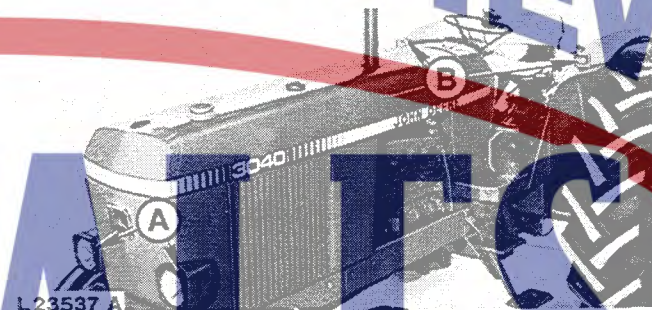
Front Lighting (with Cab)

Depending upon countries lighting regulations:

- A — Headlights
- B — Clearance lights
- C — Turn-signal lights
- or
- A — Headlights
- B — Turn-signal and clearance lights

Rear lighting (with Cab)

- A — Tail, stop and turn signal lights
- B — Registration plate light
- C — Work light
- D — Socket for trailer lighting



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ADJUSTING FOR LATERAL FLOAT

Depending on the position of the mounting pin, the left-hand draft link can be adjusted to allow for lateral float or to lock out float.

Lateral float is necessary in draft links so that implements, such as those equipped with gauge wheels can follow ground contours.

A — Mounting pin in position for locking out float

Adjust lateral float as follows:

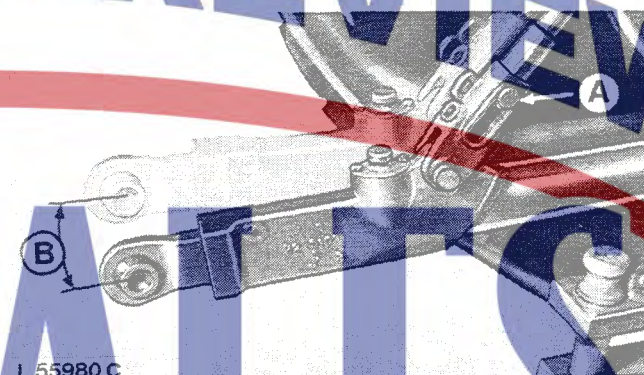
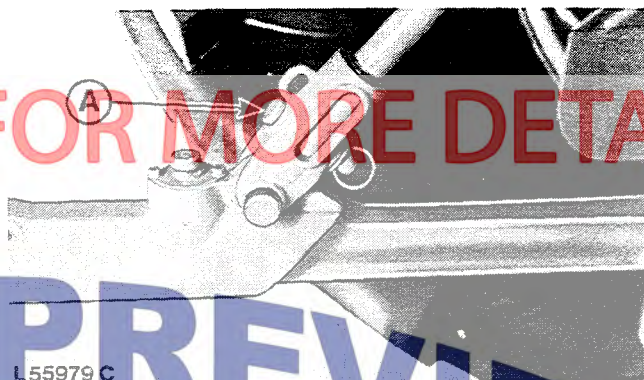
Remove mounting pin. Turn lift link 90°, insert mounting pin through slotted hole and lift link and secure.

A — Mounting pin position for lateral float
B — Lateral float

ATTACHING 3-POINT HITCH AND DRAWN IMPLEMENTS (Tractor with Cab)

Be sure not to damage exposed parts of cab (see arrows) when attaching 3-point hitch mounted or drawn implements.

IMPORTANT! When attaching 3-point hitch mounted or drawn implements for the first time, make a trial to be sure the cab will not be damaged in any position of the implement. With hitch-mounted implements pay attention to the highest lift position, with drawn implements be careful when driving sharp turns.



ATTACHING IMPLEMENTS

CAUTION! Do not stand between tractor and implement unless parking brake is applied.

If a swinging drawbar is installed, set it in the front, short position. It can also be swung to the left or right and secured.

Install ball bushing, clevis pin and quick-lock pin on implement mast.

When attaching an implement, be sure rockshaft selector lever is set in depth control (MIN) position.



ELECTRICAL SYSTEM

Batteries	2 x 12 volts, 88 ampere-hours
Alternator — Tractor without cab	14 volts, 33 amps. or 55 amps.
— Tractor with cab	14 volts, 55 amps.
Starter	12 volts, 3 kW (4 HP)
Battery terminal grounded	negative

CAPACITIES

	Liters	U.S. gals.
Fuel tank	126	33.25
Cooling system — Tractor without cab	19	5.0
— Tractor with cab	24	6.3
Crankcase		
without filter change	11	2.9
with filter change	11.5	3.0
Transmission/hydraulic system	60	15.85
Belt pulley	1.2	0.3

CLUTCH

Single dry disk

SYNCHRONIZED TRANSMISSION

Optional equipment

Hi-Lo shift unit (Power-Synchro transmission)

Optional equipment

Creeper transmission

FINAL DRIVE

Planetary reduction drive

DIFFERENTIAL LOCK

Hand or foot operated mechanical lock, spring-loaded out of engagement

INDEPENDENT PTO

Rear

540 and 1000 rpm interchangeable

HANDSHIFT INDEPENDENT PTO

540 and 1000 rpm

HYDRAULIC SYSTEM

Closed center, constant pressure 1900 kPa (190 bar; 2760 psi)*

FOOT BRAKES

Hydraulically actuated, wet-disk type, one each per rear wheel

HANDBRAKE

Band-type brake, acting on differential

* CANADY ONLY: 15500 kPa (155 bar; 2250 psi)

With Tires:
11.00-16/18.4-38

Stability Weight

Total	3770 kg (8310 lb)
Front	1190 kg (2625 lb)
Rear	2580 kg (5685 lb)

To Rear Weights Add:

25 kg (55 lb)	on machines equipped with two-post roll guard and shell-type fenders
85 kg (185 lb)	on machines equipped with four-post roll guard
60 kg (130 lb)	on machines with cast rear wheels and 16.9 - 34 or 18.4 - 34 tires
80 kg (175 lb)	on machines with cast rear wheels and 16.9 - 38 or 18.4 - 38 tires
410 kg (905 lb)	on machines with heavy cast rear wheels
375 kg (825 lb)	on machines equipped with rack-and-pinion axle and 16.9 - 34 or 18.4 - 34 tires
405 kg (895 lb)	on machines equipped with rack-and-pinion axle and 16.9 - 38 or 18.4 - 38 tires
155 kg (340 lb)	to rear and 75 kg (165 lb) to front on machines equipped with cab

Maximum Permissible Static Vertical Load

a. on drawbar (standard length)	680 kg (1500 lb)
b. on drawbar (fully retracted)	1000 kg (2209 lb)
c. on high position trailer hitch (swinging type)	1200 kg (2645 lb)
(hydraulic)	1700 kg (3750 lb)

Maximum Permissible Axle Load

Front tires:	7.50 - 18 6 PR	1620 kg (3570 lb)*	3240 kg (7145 lb)*
	7.50 - 20 6 PR	1750 kg (3860 lb)	3500 kg (7715 lb)*
	10.00 - 16 6 PR	1930 kg (4255 lb)	3800 kg (8510 lb)*
	11.00 - 16 8 PR	2040 kg (4495 lb)*	4200 kg (9260 lb)*
Rear tires:	15.5 - 38 6 PR	3530 kg (7780 lb)	
	16.9 - 34 8 PR	4760 kg (10495 lb)	
	16.9 - 38 8 PR	4800 kg (10580 lb)	
	18.4 - 34 8 PR	4800 kg (10580 lb)	
	18.4 - 38 8 PR	4800 kg (10580 lb)	
	23.1 - 36 8 PR	4800 kg (10580 lb)	

* When operating with front loader, max. speed 8 km/h (5 mph); max. front wheel tread 1.70 m (67 in.).

Maximum Permissible Total Weight 6300 kg (13890 lb)

NOTE: Traffic regulations in certain countries may reduce the axle loads and maximum permissible total weight quoted above.

With Tires:
11.00-16/18.4-38

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weight quoted above.

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