

# **624, 724 and 824 Diesel Tractor**

## **Operators Manual**

1090316R1

Reprinted

**CASE III**



***This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.***

SB001

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.



**IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.**

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

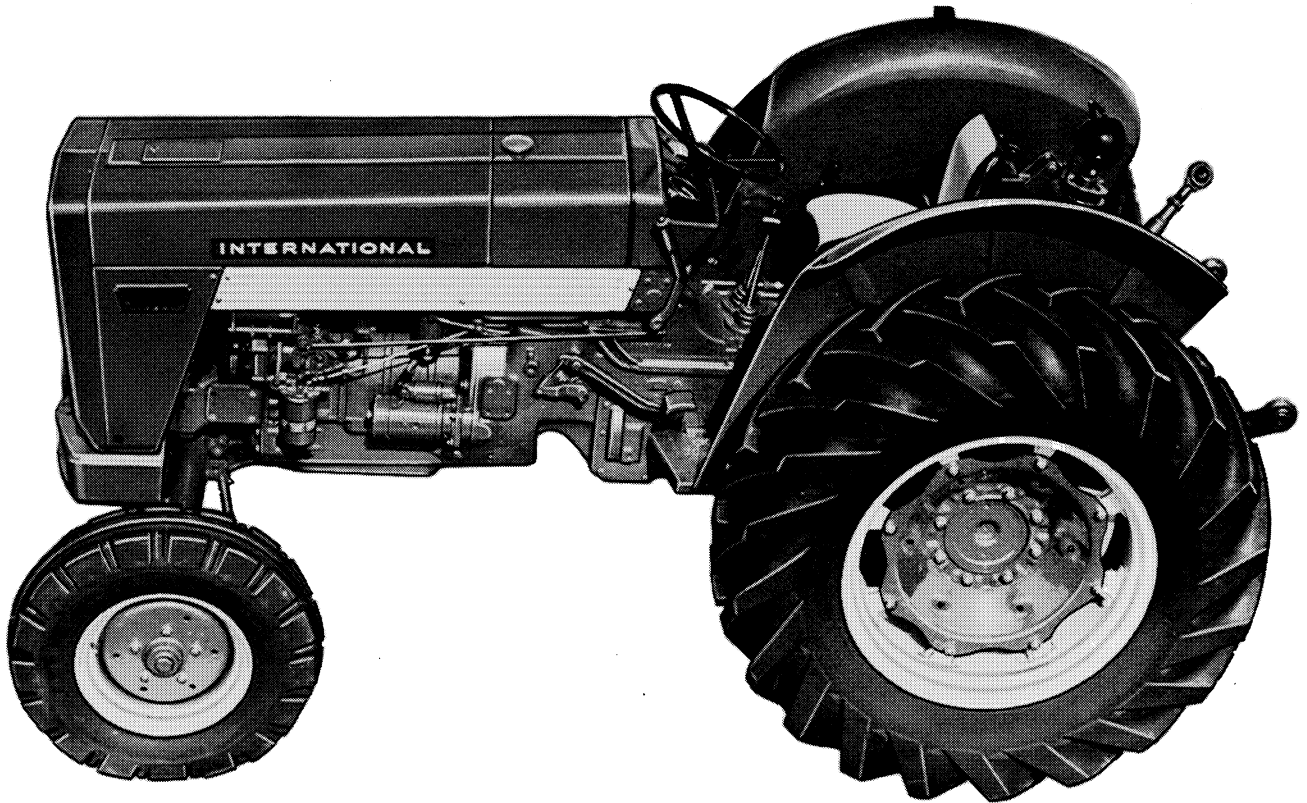
LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Case dealer for additional operator's manuals, parts catalogs, and service manuals.

INTERNATIONAL

624 - 724 - 824 Diesel Tractor



- 1 - Serial Number Plate .....
- 2 - Chassis Serial Number .....

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624

Engine

D 206

4-cylinder 4 cycle Diesel  
with direct injection and  
pressure feed lubrication

Rated speed	2100 rpm
Low idle speed	650 - 750 rpm
Max. idle speed	2310 rpm
Max. Torque at 1600 rpm	147 ft lbs
Piston displacement	206 cu. in.
Cylinder bore	3.87 in.
Stroke	4.37 in.
Firing order	1 - 3 - 4 - 2
Compression ratio	16:1
Injection timing - static	10° BTDC
Valve clearance (engine warm)	
Intake valve	.010 in.
Exhaust valve	.012 in.
Storage battery	one 12V 135 Ah or 2 of 6V 88 Ah
Nozzle holder	Bosch KBL 90S 104/4
Injection nozzles	Bosch DLL 150S 2641
Injection pressure	2910 - 3024 PSI
Injection pump	Bosch EP/VA4/100H 1050 BR8
Starting motor	Bosch 1.8 HP or 4 HP
Generator	Bosch 11 Amp. or 16 Amp.
<u>* Capacities</u>	US gal
Engine crankcase	2.1
Transmission case - Standard	11.3
Agriomatic - S	10.0
Hydraulic lift housing	4.4
Planetary final drive	.98
Oil - bath air-cleaner	.26
Fuel tank	18.5
Cooling system	4.1
Front tires (standard)	7.50 x 16
Rear tires (standard)	16.9 x 30
<u>Dimension (with standard tires)</u>	
Length overall	131.6 in.
Width overall	71.5 in.
Height overall	62.0 in.
Min. ground clearance	16.0 in.
Turning radius	156 in.
(with steering brakes applied)	136 in.
Engine clutch	Dual Disk - 11 in.
Engine speed at 540 Pto	
Pto shafts	540 rpm and 1000 rpm
Pto speed at rated engine speed	
Tire pressure	On Road      In Field
Front wheels	28 psi      21-28 psi
Rear wheels	21 psi      11-14 psi

\* U. S. gallons x .8333 = Imperial gallons

724	824
D 239	D 239
4-cylinder 4 cycle Diesel with direct injection and pressure feed lubrication	4 - cylinder 4 cycle Diesel with direct injection and pressure feed lubrication
2200 rpm	2300 rpm
650 - 750 rpm	650 - 750 rpm
2420 rpm	2540 rpm
165 ft lbs	173.5 ft lbs
239 cu. in.	239 cu. in.
3.86 in.	3.86 in.
5.06 in.	5.06 in.
1 - 3 - 4 - 2	1 - 3 - 4 - 2
16:1	16:1
14° BTDC	14° BTDC
.010 in.	.010 in.
.012 in.	.012 in.
one 12V 135 Ah or	one 12 V 135 Ah or
2 of 6V 88 Ah	2 of 6 V 88 Ah
Bosch KBL 90S 104/4	Bosch KBL 90 S 104/4
Bosch DLL 150S 417	Bosch DLLA 150 S 417
2910 - 3024 PSI	2910 - 3024 PSI
Bosch EP/VA3/100H 1100 BR69	Bosch EP/VA3/ 100H 1150 BR 69/1
Bosch 1.8 HP or 4 HP	Bosch 4HP
Bosch 11 Amp. or 16 Amp.	Bosch 16 Amp.
US gal	US gal
2.1	2.4
11.3	11.0
10.0	9.2
4.4	4.4
.98	.98
.26	
18.5	18.5
5.1	5.1
7.50 x 16	7.50 x 16
18.4 x 30	18.4 x 30
131.6 in.	131.6 in.
71.5 in.	71.5 in.
62.0 in.	62.0 in.
17.7 in.	17.7 in.
156 in.	156 in.
136 in.	136 in.
Dual Disk - 11 in.	Dual Disk - 11 in.
1980 rpm	1980 rpm
540 rpm and 1000 rpm	540 rpm and 1000 rpm
600 rpm	626 rpm
On Road      In Field	On Road      In Field
28 psi      21-28 psi	28 psi      21-28 psi
21 psi      11-14 psi	21 psi      11-14 psi

**Buy Now**



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