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	Servicing and Inspections International Tractor 84 Series			

Document Status

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Revision Record

Revision	Date issued	Description of Changes

Servicing & Inspection International Tractor 84 Series

F-054

1: Introduction

The servicing and inspection (schedule) is as per Page 43 of the International Owner's manual for the 84 series Diesel Tractor, which a copy of it is on page 4 of this document.

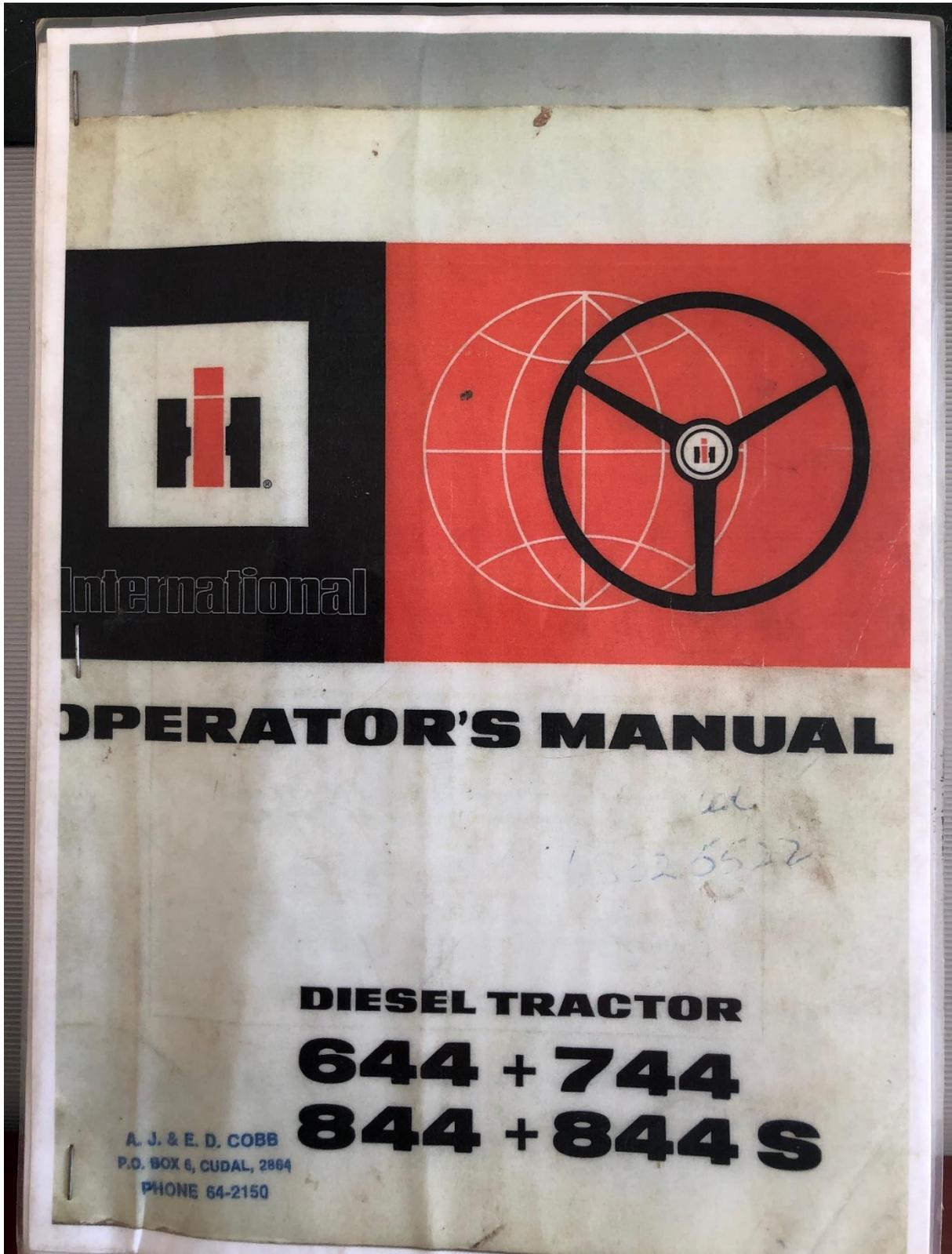
As the tractor use is very infrequent, prior to use, the pre-start checklist (F-047) must be used to ensure the tractor is fit for use.

2: Responsibilities

Servicing and Inspections as per page 43 of the owner's manual of the 84 series Tractor, will be carried out by a Plant Mechanic or equivalent.

3: Related Documents

F-047 Tractor pre-start checklist.



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SERVICING AND INSPECTIONS

The life and performance of a tractor depends on the care that it is given. Proper lubrication is a very important part of that care. The type of work being done, load, ground and weather conditions are all factors to consider in frequency of lubrication. The scheduled intervals between lubrication periods shown on the "Periodic Servicing Schedule" are approximate, being based on average operating conditions. It may be necessary to lubricate after shorter working periods under severe operating conditions such as extremely dusty conditions, low engine temperatures, intermittent operation, excessively heavy loads with high oil temperatures, or when diesel fuel with a high sulphur content is used. However, the time intervals between lubrication periods must never exceed those indicated in this manual.

Periodic Servicing Schedule				Inspections			
Service Intervals (in hours of operation)	No. on chart	Point of Service	Service	first 20h	second 250h	third and all further 750h	
Every 10	1	Engine	Check oil level				
	2	Primary fuel filter	Drain water	X	X		
	3	Final fuel filter	Drain water	X	X	X	
Every 50	4	Lift rods, RH and LH	Grease	X	X	X	
	5	Radiator	Check water level	X	X	X	
	6	Battery	Check electrolyte level	X	X	X	
	7	Master brake cylinder (744/844/844 S)	Check oil level	X	X	X	
	*40	Tie rod	Grease	X	X	X	
	*41	Steering knuckle, upper and lower	Grease	X	X	X	
	*42	Drive shaft	Grease	X	X	X	
Every 250	*43	Universal joints (both sides)	Grease	X	X	X	
		Fuel system	Check for leakage	X			
	12	Steering knuckle, RH and LH	Grease	X	X	X	
	13/14	Front axle pivot	Grease	X	X	X	
	15	Clutch pedal	Grease	X	X	X	
	16	Brake pedals	Grease	X	X	X	
	17	Hand brake lever	Grease	X	X	X	
	18	Brake lever (844)	Grease	X	X	X	
	19	Engine	Change oil	X	X	X	
	20	Engine oil filter	Change cartridge	X	X	X	
	21	Transmission	Check oil level	X	X	X	
	22	Double clutch hand lever	Grease	X	X	X	
	23	Brakes	Check adjustment	X	X	X	
	24	Master brake cylinder (744/844/844S)	Check operating rod play	X	X	X	
	25	Clutch release bearing	Grease	X	X	X	
	26	V-Belt	Check tension	X	X	X	
	Every 750		Clutch	Check adjustment	X	X	X
		27	Hydraulic	Check oil level	X	X	X
		28	Differential pedal	Grease	X	X	X
		9	Pressure, filter-hydraulic	Change element	X	X	X
		29	Steering gear	Check for leakages	X	X	X
		30	Range shifter lever	Grease	X	X	X
		*44	Differential	Check oil level	X	X	X
		*45	Planetaries	Check oil level	X	X	X
		32	Engine breather filter	Clean element			X
		2	Primary fuel filter	Change element			X
11		Suction filter (Agr.-S)	Clean	X	X	X	
33,34,35	Transmission (Agr.-S)	Change oil		X	X		
10	By-pass filter (Agr.-S)	Change cartridge	X	X	X		
36	Rear axle, RH and LH	Check oil level	X		X		
	Belt pulley drive	Check oil level	X		X		
31	Hydraulic	Change oil		X	X		
8	Restrictor valve (Agr.-S)	Clean	X		X		
38	Dry-type air cleaner	Change element			X		
*44,46	Differential	Change oil	X		X		
*45,47	Planetaries	Change oil	X		X		
Every 1500	37	Front wheel bearing, RH and LH	Grease and readjust				
	33,34,35	Transmission, (standard)	Change oil				
	36,39	Rear axle, RH and LH	Change oil				
Every 2000		Injection nozzles	Check and readjust		X		
	3	Final fuel filter	Change element				
* On All-Wheel Drive Tractors only.							
Additional points for inspection only							
Tie rod lever, retighten clamping bolts to 19-20 daNm = 140-145 ft. lbs				X			
Front axle extensions, retighten clamping bolts to 28 daNm = 200 ft. lbs (mech. steering) 17 daNm = 123 ft. lbs (hydr. steering)				X			
Rear wheels, retighten wheel disc nuts				X	X		
Cooling system, check for leakage				X	X		
Check torque load of hydraulic pump bolts. Retighten pump retainer bolts to 4.5-5 daNm = 33-36 ft.lbs and end cover bolts to 5.5-6.2 daNm = 40-46 ft.lbs				X	X		
Check thermostat					X		
Check torque load of manifold bolts. Retighten to 2.2-2.5 daNm = 16-18 ft.lbs				X		X	
Check function of attachments (three point linkage, mower, frontloader)				X	X	X	
Check air cleaner hose connections				X	X	X	
Engine, check for leakage				X	X	X	
Check torque load of cylinder head bolts. Retighten to 14-15 daNm = 101-108 ft.lbs					X	X	
Check valve clearance on warm engine. Readjust if necessary: Intake = .010" = 0.25 mm Exhaust = .012" = 0.30 mm					X	X	
Electrical system, check connections, cranking motor, cold starting aid and alternator						X	
Check fan hub and belt pulley						X	
Clean cooling system						X	