


**850,880 and 990  
Tractors**  
Operators Manual

9-5712

Reprinted






	<p><i>THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.</i></p>
	<p>M171B</p>

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



# WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

## **David Brown Products**

**Ask your dealer for details of any of the following:**

**Hurricane Offset Harvester**

**Hurricane In-Line Harvester**

**Pick-up Baler**

**Manure Spreader**

**Rotary Tiller**

**Mouldboard Ploughs**

**Match Plough**

**Disc Ploughs**

**Toolbar Cultivators**

**Front-Mounted Hydraulic Loader**

**A full range of Industrial and Crawler Tractors**

# DAVID BROWN

**850, 880 and 990 TRACTORS**

**IMPLEMATIC and IMPLEMATIC LIVEDRIVE**

## *SERIES*

LIVEDRIVE		NON-LIVEDRIVE
VAD 4/47A	-	VAD 4/47B
VAD 2C/40	-	VAD 2D/40
VAD 2C/36	-	VAD 2D/36

DIESEL ENGINED TRACTORS

## **INSTRUCTION BOOK**

If required, further copies of this book may be obtained (only from your dealer) at nominal cost



By Appointment  
to Her Majesty Queen Elizabeth II  
Manufacturers of Agricultural Machinery  
David Brown Industries Limited

**DAVID BROWN TRACTORS LIMITED**  
**MELTHAM      HUDDERSFIELD      YORKSHIRE**

Publication No. DBT 496

## Introduction

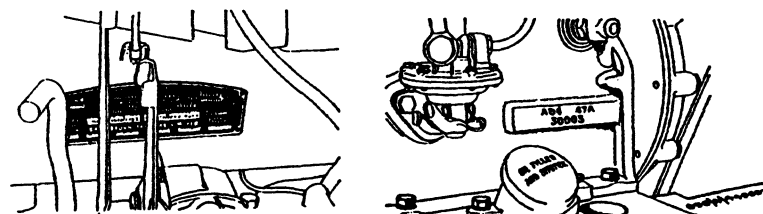
The David Brown tractor, in addition to having the most comprehensive specification of any tractor in volume production in the world, is constructed to close manufacturing tolerances from the finest materials. The potential life is long and efficiency high, but to retain these requires the co-operation of the user whose responsibility it now becomes to carry out the regular greasing and maintenance outlined in this book. A little time spent making oneself familiar with the servicing procedure, and conscientious attention to carrying it out, will be amply repaid in the long run.

Section 1 deals with the routine maintenance which must be carried out regularly (the modern equivalent of feeding and grooming the horse—and just as important).

Section 2 contains, in alphabetical order, a detailed account of the general servicing.

Section 3 gives technical data, tables of speeds and capacities, etc., followed by a list of accessories and allied equipment.

Your David Brown dealer will be pleased to give you any advice and assistance you may require. In order to identify the exact model please quote the **FULL PREFIX and SERIAL NUMBER** of the tractor and also the **ENGINE TYPE and NUMBER**.



**Name Plate and Serial Numbers**

*First Published October 1961*

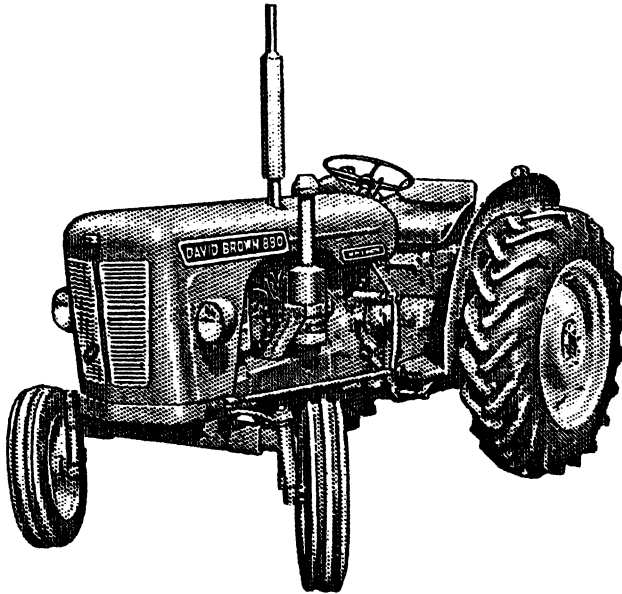
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# **Section I**

## **Regular Maintenance**

To avoid expensive overhauls, excessive wear, and premature failure; regular maintenance is essential. For this reason the David Brown maintenance procedure has been made very simple. It consists of a daily inspection and additional attention 16 times each 1 000 hours (approximately 1 year). The work is divided into five Service Tasks; A, B, C, D and E. It is only necessary to keep an eye on the hour meter, and when the hours shown in the facing table are reached, carry out the service task indicated at the first suitable opportunity. The full scheme is completed in 1 000 hours and the routine starts again from the beginning.

Tables of the service tasks will be found at the end of this book. Spaces have been left against the appropriate items so that the date when the task is completed can be entered by the operator. This will give a record of the tractor servicing and will assist in ensuring that it is carried out regularly and at the right time.

**TABLE OF SERVICE TASKS**

<b>Hour Meter Reading</b>	<b>Task A</b>	<b>Task B</b>	<b>Task C</b>	<b>Task D</b>	<b>Task E</b>
60	X	†			† (1 to 4)
125	X	X			
185	X				
250	X	X	X		
315	X				
375	X	X			
440	X				
500	X	X	X	X	
560	X				
625	X	X			
685	X				
750	X	X	X		
815	X				
875	X	X			
940	X				
1 000	X	X	X	X	X

† New and Reconditioned Tractor only.



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