



**J.I. Case**  
**Operator's Manual**  
**885, 885G & 885N**  
**David Brown**

**Operator's Manual**



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CA-O-885DB



**DAVID BROWN**

**Instruction Book**

**885, 885G and 885 Narrow  
Tractors**

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MANUAL PREVIEW

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## OPERATING WITH DEPTH WHEEL (TCU)

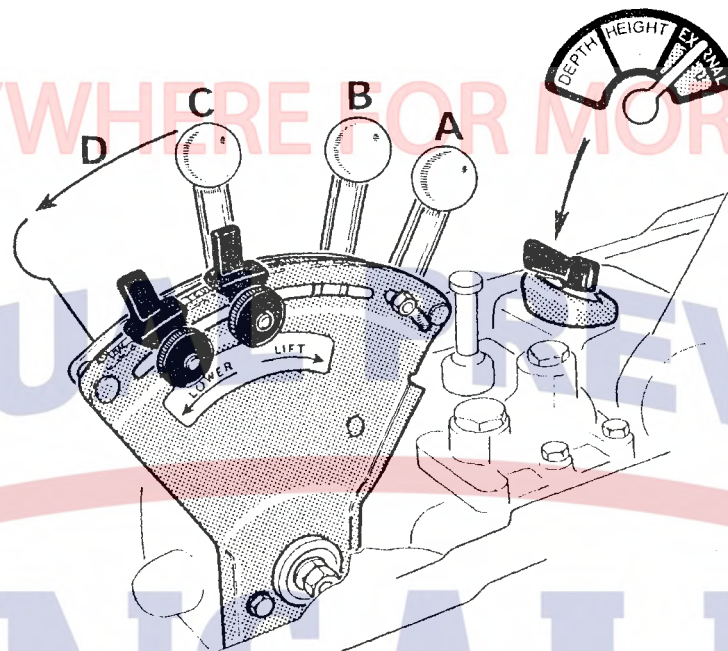


FIGURE 2/5. HYDRAULIC CONTROLS FOR USE WITH DEPTH WHEEL

- |                  |                   |
|------------------|-------------------|
| A. Lift position | C. Lower position |
| B. Hold position | D. Range of TCU   |

### Preparation

First set the tractor controls as follows:—

1. *Selector Dial Pointer* — Pull the hand lever fully rearwards in the red sector to 'select' and while holding it there, turn the selector dial pointer to "EXTERNAL/TCU".
2. *Lift Latch* — Disengage the lift latch. (With the engine running, pull the hand lever fully rearwards against the spring and pull the lift latch upwards to disengage it).
3. *Lowering Control* — Initially set to mid-position and adjust later by trial to give the required rate of lowering.
4. *Finger Guides* — Set the rear guide to the position for fastest lowering.\* Set the other guide approximately 1 inch (2,5cm) in front of this.

\* NOTE: Lowering will occur over a range of movement of the hand lever but only one position will give maximum rate of drop with completely free evacuation to the sump. This is most easily found without anything attached to the links and is correct when they will fall under their own weight after having been raised hydraulically. Once found in this way, the position should be noted for future reference.

## DYNAMO (GENERATOR)

Apply a few drops of lubricating oil to the pad through the hole in the centre of the end cover after removing the rubber plug. Refit the plug afterwards.

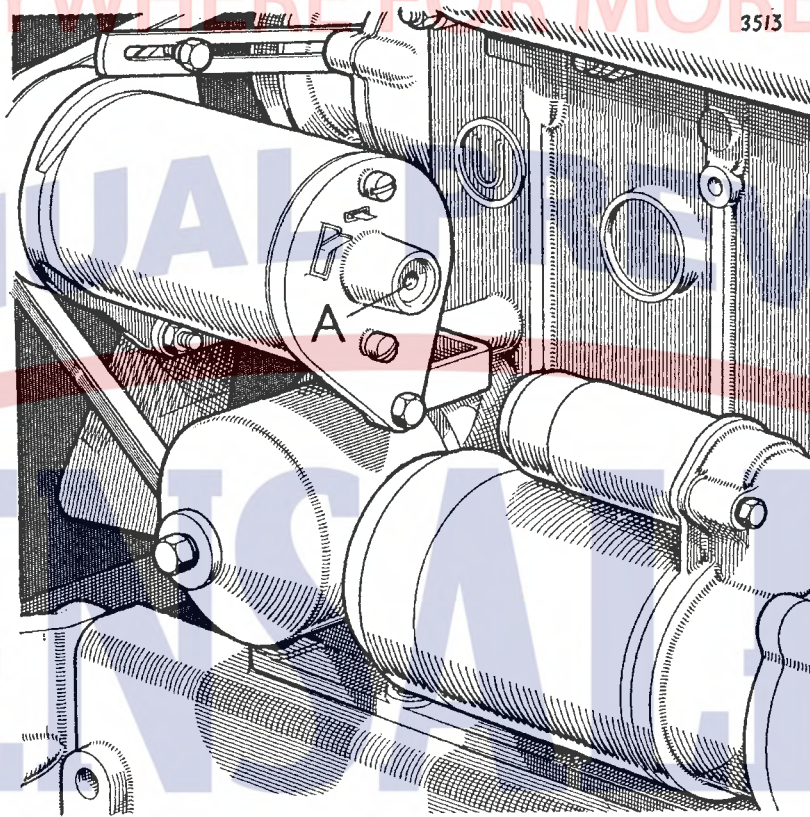


FIGURE 5/24. DYNAMO (GENERATOR) LUBRICATION

A. Oil hole (replace rubber plug)

After about 2 years use the dynamo (generator) brushes should be checked for wear and replaced if necessary. The interior of the dynamo (generator) should be thoroughly cleaned of dust and the bearings re-lubricated. This work is best carried out by your David Brown Dealer or Lucas Agent.

If for any reason the dynamo has to be renewed, ensure that the correct one for a negative earth system is used.

## FUSE

A standard  $1\frac{1}{4}$ in (3cm) cartridge fuse of 25 amp. rating is fitted in the bayonet type holder. The fuse should not be replaced until the cause of blowing has been traced and the fault corrected.

**CHASSIS — 885 & 885G****CAPACITIES** (Approximate initial fill)

|                          | <b>Imperial Measure</b> | <b>US Measure</b>    | <b>Metric Measure</b> |
|--------------------------|-------------------------|----------------------|-----------------------|
| Cooling system           | 15 pt                   | 18 pt                | 8,5 litre             |
| Air cleaner oil bath     | 1 $\frac{1}{4}$ pt      | 1 $\frac{1}{2}$ pt   | 0,71 litre            |
| Engine lubricating oil   | 11 pt                   | 6 $\frac{1}{2}$ qt   | 6,25 litre            |
| Transmission oil         | 5 gal                   | 6 gal                | 22,7 litre            |
| Final drive oil (each)   | 2 pt                    | 2 $\frac{1}{2}$ pt   | 1,1 litre             |
| Steering oil (manual)    | 2 pt                    | 2 $\frac{1}{2}$ pt   | 1,1 litre             |
| Power steering reservoir | 1 $\frac{1}{2}$ pt      | 1 $\frac{3}{4}$ pt   | 0,85 litre            |
| Belt pulley              | 1 $\frac{1}{4}$ pt      | 1 $\frac{1}{2}$ pt   | 0,7 litre             |
| Fuel tank                | 10 $\frac{1}{2}$ gal    | 12 $\frac{1}{2}$ gal | 48 litre              |

**DIMENSIONS 885** on 600-16 front, 12.4/11-28 rear tyres**885G** on 600-16 front, 13.6/12-28 rear tyres

|                                       | <b>885</b>                   | <b>885G</b>                  |
|---------------------------------------|------------------------------|------------------------------|
| Overall length                        | 115 $\frac{5}{8}$ in (294cm) | 116in (295cm)                |
| Height over exhaust pipe              | 84in (213cm)                 | 82 $\frac{1}{2}$ in (210cm)  |
| Height — steering wheel               | 57in (145cm)                 | 51 $\frac{1}{2}$ in (131cm)  |
| Overall width — minimum               | 64 $\frac{1}{2}$ in (164cm)  | 65 $\frac{1}{2}$ in (166cm)  |
| Bonnet width                          | 18 $\frac{3}{4}$ in (47,5cm) | 18 $\frac{3}{4}$ in (47,5cm) |
| Wheelbase                             | 77in (195cm)                 | 77in (195cm)                 |
| Ground clearance                      |                              |                              |
| front axle                            | 16in (40,5cm)                | 16in (40,5cm)                |
| Ground clearance                      |                              |                              |
| drawbar frame                         | 11 $\frac{5}{8}$ in (29,5cm) | 12 $\frac{1}{2}$ in (32cm)   |
| Turning radius on 48in (122cm) track: |                              |                              |
| — without brake                       | 128in (325cm)                | 128in (325cm)                |
| — with brake                          | 114in (290cm)                | 114in (290cm)                |

**WEIGHT — with oil, fuel etc**

|              | <b>885</b>       | <b>885G</b>      |
|--------------|------------------|------------------|
| — total      | 3770 lb (1710kg) | 3790 lb (1720kg) |
| — rear axle  | 2390 lb (1085kg) | 2410 lb (1095kg) |
| — front axle | 1380 lb (625kg)  | 1380 lb (625kg)  |

**ADDITIONAL WEIGHTS***Frames and Cabs*

A 'DB Weatherframe' increases the total weight by 495 lb (224kg).

A 'DB Weatherframe' with metal cladding increases the total weight by 771 lb (350kg).