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MANUAL PREVIEW

Deutz

Operator's Manual

D6806 & D7206

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Operator's Manual

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DE-O-D6806+



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Instruction Book

MANUAL PREVIEW

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D 7 2 0 6

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Inspection before Operation 3

Safety Precautions 4

Basic Specifications D 68 06 6

D 72 06 8

Controls and Instruments 10

Operating the Tractor 17

Driver's Seat 20

Tyres 22

Ballast Weights 23

Hydroflation 24

Track Gauge Adjustment 26

DEUTZ-TRANSFERMATIC-SYSTEM 29

Three-point Linkage 30

Hydraulic Lift Unit 30

Operating the Lift 32

Toolbar Lift Kick-out 34

Setting the Draft Pick-up 34

Setting the Three-point Linkage 35

DEUTZ HITCH 38

Auxiliary Hydraulic Controls 42

V-belt Pulley Drive 44

Trailer Hitch 45

Servicing 47

Adjustments 58

Four-wheel Drive 63

Electrical Equipment 65

Tractor Preservation 67

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Basic Specifications Dimensions and Weights

Versions

Speeds in km/h
with tyres

SUL / SULD / SUD
14-30 12-36 / 15-30 / 14-34 /
15.5-38

1st forward	2.1	2.1
2nd forward	3.4	3.4
3rd forward	4.1	4.2
4th forward	5.7	5.9
5th forward	4.4	4.5
6th forward	6.5	6.8
7th forward	8.4	8.7
8th forward	11.5	12.0
9th forward	9.0	9.4
10th forward	14.0	14.6
11th forward	17.6	18.3
12th forward	25.0	25.0
1st reverse	5.2	5.4
2nd reverse	8.1	8.4
3rd reverse	10.2	10.6
4th reverse	14.0	14.6

Dimensions and Weights

with tyres		12-36	14-30	14-34	1-30
Wheelbase	mm		2150		
Length	mm		3710		
Width	mm	1960	2040	2040	2070
Height to steering wheel	mm	1810	1800	1810	1810
safety frame	mm	2690	2660	2710	2690
Ground clear. bel. frt. axle	mm		500	520	
Gauge, front, std./telesc.	mm		1450 + 1630 / 1450-1950		
rear, standard	mm		1520 + 1820		
adj. bowl	mm	1420-2020			1520-2020
Turning radius, plus/less brake	m		3.4 / 3.8		
Bare oper. weight incl. hydraulic lift and safety frame	kg	2645	2695	2710	2755
Max. total weight	kg		5000		
Four-wheel Drive tyres		9-24 / 14-30		10-24 / 15-30	
Wheelbase	mm		2180		
Ground clearance below differential and front axle	mm	340		360	
Track gauge, front	mm		1640		
Turning radius	m		4.8		
Bare oper. weight incl. hydraulic lift and safety frame	kg	3165		3275	
Max. total weight	kg		5000		

Filling the Tyres with Water (Fig. 24)

Jack tractor up and turn wheel until tube valve is at top. Screw out valve insert and screw filling valve into tube valve, connect water hose and admit water until it spills at vent tube "L". Remove filling valve, screw in valve insert and inflate tyre to specified pressure.



Fig. 24



Fig. 25

Draining Water from the Tyres (Fig. 25)

Jack tractor up, screw out valve insert and let water run out. Screw combined fill/drain valve in place and inflate so as to force out all traces of water through the vent tube. Remove combined valve, refit valve insert and finally inflate to specified pressure.

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Filling In Anti-freeze

When frost is imminent, add an anti-freeze to the ballast water, otherwise freezing water will ruin the tyres. Anti-freeze to be preferred is magnesium chloride. Add this agent to water in a large vessel while stirring continuously. Finally introduce this solution into the tyre using a pump or an elevated pail with hose.

Clutch

While brake travel increases in the course of time, clutch pedal dead travel decreases as clutch facings wear down. To avoid zero travel and hence ruining the clutch, carry out adjustments in good time as described below.



Fig. 80

1. Tractor Version with "F" (Live PTO) Adjusting the Main Clutch

Unlock screw ① and adjust until dead travel $D = 110 \text{ mm}$ is about restored. Resecure screw.

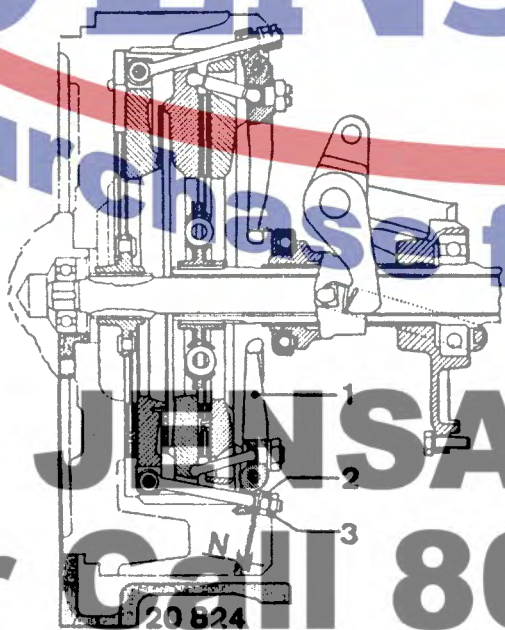


Fig. 81

Adjusting the PTO Clutch

Should the PTO clutch disengage prematurely on main clutch adjustment, restore clearance $N = 1.6 \text{ mm}$ at the three release levers.

To do this, remove cover plate from clutch housing bottom, release locknut ③, screw back nut ② and check with feeler gauge that the clearance between nut shoulder and lever ① is as required. Retighten nuts ③ and refit cover plate.