NEW HOLLAND

TZ18DA

PIN Number HB20001 and Above

TZ22DA
TZ25DA
54CMS
60CMS

OPERATOR'S MANUAL



87544689 6/06
Replaces 87307201

NEW HOLLAND

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TRACTOR HYDRAULICS

HYDRAULIC POWER LIFT (H.P.L.) (3 PT)

The H.P.L. lever, 1, is located on the RH control pod, inboard of the PTO clutch lever. This lever controls the position of the two lift arms.

Operating the hydraulic control lever actuates the hydraulic lift arms, which controls the elevation of 3-point hitch mounted implement.

To lower implement, move the hydraulic control lever forward.

To raise implement, move the hydraulic control lever rearward.

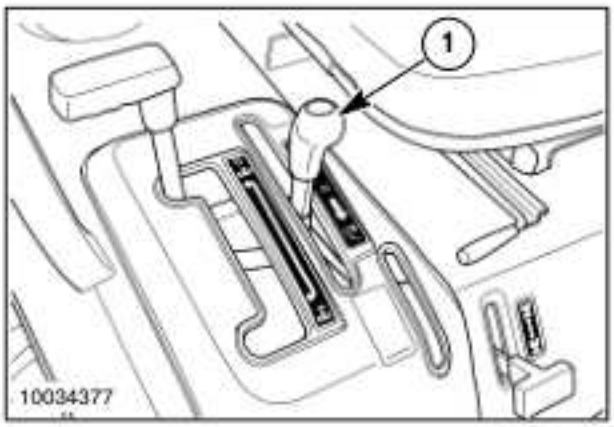
The hydraulic control lever is automatically returned to the neutral position **ONLY** when the lift arms have reached the upper position.

IMPORTANT: *While raising or lowering the lift arms the hydraulic control lever must be manually placed in the neutral position to stop the travel of the lift arms.*

IMPORTANT: *The HPL is a non-position type, hydraulic system. It is normal system operation, for the lift arms to slowly leak down when the valve is in the "NEUTRAL" position. To hold the lift arms in a desired position, turn the drop rate valve knob completely in the clockwise direction. This will lock the lift arms in the desired location. (See page 2-22 for drop rate valve operation).*

⚠ WARNING ⚠

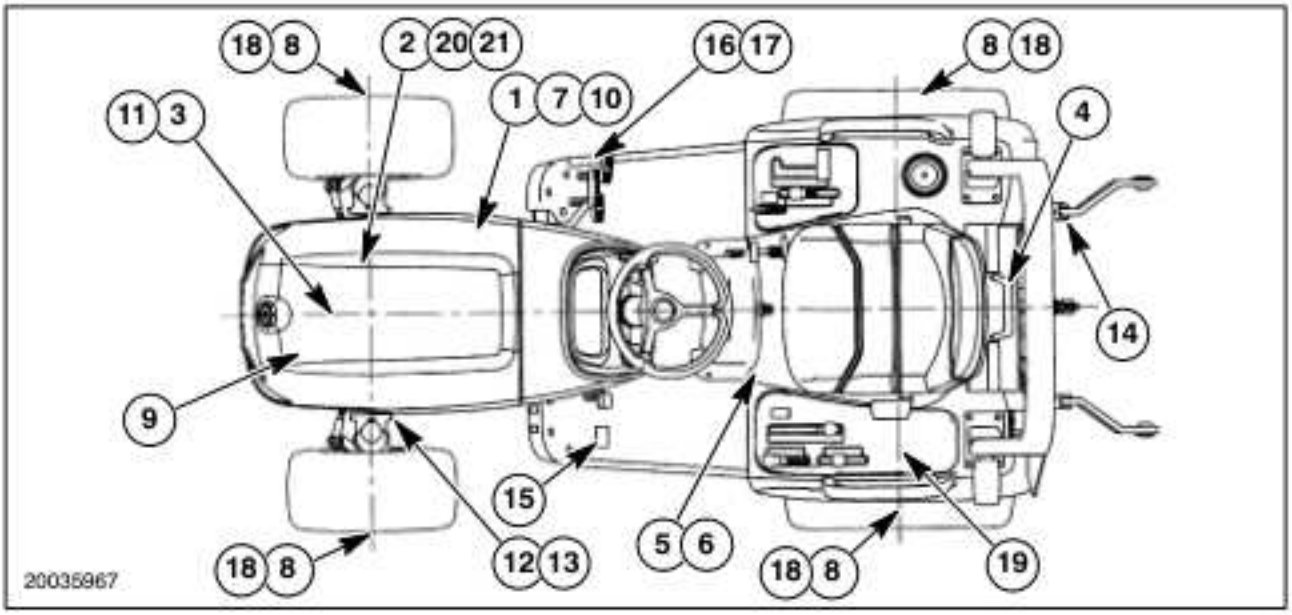
Make sure the area is clear of people before lowering equipment.



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LUBRICATION AND MAINTENANCE CHART
NEW HOLLAND TZ18DA/TZ22DA/TZ25DA — FRONT-WHEEL DRIVE



1

NO.	LUBRICATION & MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTERVALS
1	Engine Oil Level	X					Every 10 Hours or Daily
2	Air Cleaner	X					
3	Radiator Coolant	X					
4	Transmission Oil Level	X					
5	Hydraulic Filter				X		First 50 Hours
6	H.S.T. Filter				X		
1, 7	Engine Oil & Filter				X		
8	Tire Pressure	X					
10	Fuel Filter				X		
18	Wheel Bolt Torque	X					
---	All Fluid Levels	X					
17	Brake Pedal Free Play	X					
8	Tires	X					Every 50 Hours
9	Battery	X					
10	Fuel Filter	D	R	A	I	N	
11	Fan Belt	X					
12	Front Axle Oil Level	X					
13	Final Reduction Gear Cases Oil Level	X					
17	Brake Pedal Free Play	X					
	Lubrication Fittings:						
14	3-Point Linkage			X			
15	Differential Lock Pedal			X			
16	H.S.T. Pedal Pivot			X			
1, 7	Engine Oil & Filter				X		Every 100 Hours
2	Air Cleaner Element		X				
10	Secondary Fuel Filter		X				

NO.	LUBRICATION & MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTERVALS
17	Brake Pedal Free Play					X	Every 200 Hours
10	Fuel Filter Element				X		
11	Fan Belt					X	
18	Wheel Bolt Torque	X					
	Steering Free Play	X				X	
4	Transmission Oil				X		Every 300 Hours
5	Hydraulic Filter				X		
6	H.S.T. Filter				X		
12	Front Axle Oil				X		
13	Final Reduction Gear Cases Oil				X		
19	Primary Fuel Filter				X		
20	Fuel Injector	X				X	Every 600 Hours
21	Valve Clearance	X				X	
2	Air Cleaner Element				X		Seasonal
3	Radiator Coolant				X		
2	Safety Air Filter Element				X		Every 3rd Primary Element Change or Every **1000** Hours, Whichever Comes First

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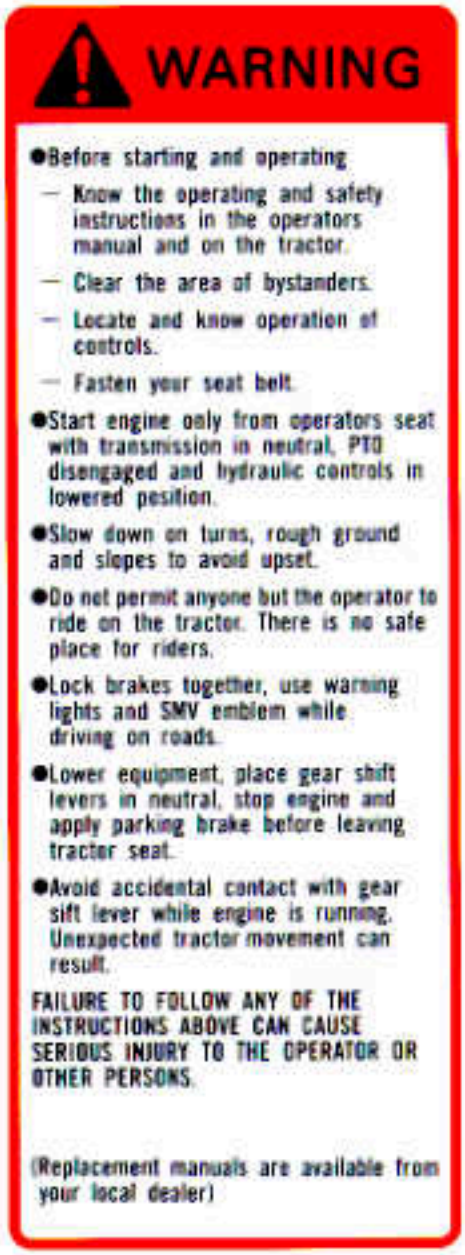
	Model TZ18DA Hydrostatic	Model TZ22DA Hydrostatic	Model TZ25DA Hydrostatic
CAST IRON WEIGHTS			
Front End:			
AG & Turf Tires- With FWD	(3) weights @ 27 kg (60 lb) each	(3) weights @ 27 kg (60 lb) each	(3) weights @ 27 kg (60 lb) each
Rear Wheel (per wheel)			
AG Tires	(1) weight @ 34 kg (75 lb)	(1) weight @ 34 kg (75 lb)	(1) weight @ 34 kg (75 lb)
Turf Tires	N/A	N/A	N/A
DRAWBARS			
Fixed/Clevis	Standard	Standard	Standard
3-POINT HITCH			
Category Type	1	1	1
Position Control Type	Mechanical	Mechanical	Mechanical
Draft Control Type	N/A	N/A	N/A
Drop Rate Control	Standard	Standard	Standard
Lift Capacity @ 24 in			
Behind kg (lb)	318 kg (700 lb)	318 kg (700 lb)	318 kg (700 lb)
TIRES			
FRONT:			
Agricultural:			
FWD	18 x 8.50-8	18 x 8.50-8	18 x 8.50-8
Turf:			
FWD	18 x 8.50-8	18 x 8.50-8	18 x 8.50-8
Industrial:			
FWD	N/A	N/A	N/A
REAR:			
Agricultural:	26 x 12.00-12	26 x 12.00-12	26 x 12.00-12
Turf:	26 x 12.00-12	26 x 12.00-12	26 x 12.00-12
Industrial:	N/A	N/A	N/A
WHEEL BOLT TORQUES			
Front Wheel-			
Disc-to-Hub:			
FWD	88 N·m (65 ft-lb)	88 N·m (65 ft-lb)	88 N·m (65 ft-lb)
Rear Wheel-			
Disc-to-Axle	122 N·m (90 ft-lb)	122 N·m (90 ft-lb)	122 N·m (90 ft-lb)
Disc-to-Rim	N/A	N/A	N/A
ROPS ATTACHING BOLT TORQUES			
ROPS to Rear Axle	50 N·m (37 ft-lb)	50 N·m (37 ft-lb)	50 N·m (37 ft-lb)
Seat Belt	50 N·m (37 ft-lb)	50 N·m (37 ft-lb)	50 N·m (37 ft-lb)

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SAFETY DECALS

The following safety decals have been placed on your machine in the areas indicated. They are intended for your personal safety and for those working with you. Please take this manual and walk around your machine to note the content and location of these warning signs. Review these warning signs and the operating instructions detailed in this manual with your machine operators.

Keep the decals legible. If they are not, obtain replacements from your authorized dealer. The decal replacement part numbers are listed with each decal.



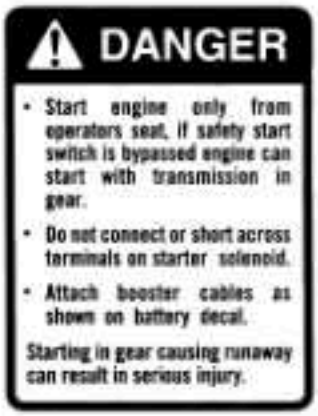
WARNING: Before Starting and Operating
PART NO: SBA390198380
LOCATION: In Front of Operator's Seat
Left Side of Platform



WARNING: Pull Only From Drawbar
PART NO: SBA390198910
LOCATION: Top of PTO Shield



WARNING: Do Not Operate With Shield Removed
PART NO: SBA390198480
LOCATION: Inside of Engine Side Shields



DANGER: Start Engine Only from Operator's Seat
PART NO: SBA190196683
LOCATION: On the Starting Motor

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