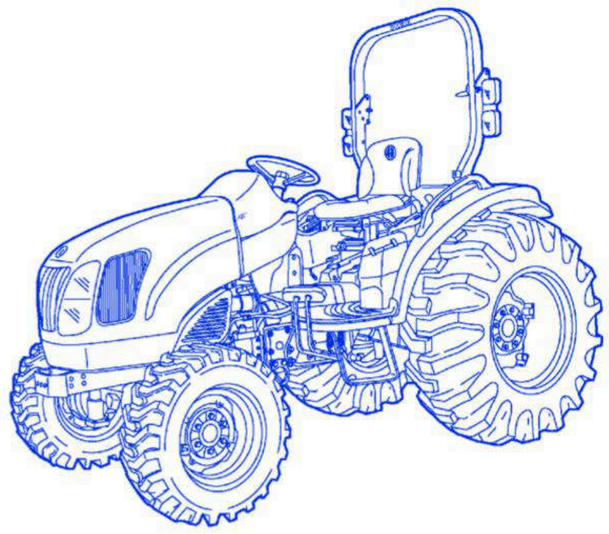
NEW HOLLAND

Boomer 3040 3045 3050

With 12x12 Gear Transmission

OPERATOR'S MANUAL



87477124 4/08
1st Printing

NEW HOLLAND AGRICULTURE

MidWestTech | New Holland Boomer 3040, 3045, 3050 12x12 Tractor Operator's Manual | Publication 87477124

Order the manual at mid-west-tech.com >

CONTENTS

SAFETY 0-7
GENERAL INFORMATION 1-1
OPERATION 2-1
LUBRICATION AND MAINTENANCE 3-1
SPECIFICATIONS 4-1
INDEX 4-15
DELIVERY REPORT 4-17

MidWestTech | New Holland Boomer 3040, 3045, 3050 12x12 Tractor Operator's Manual |... Order the manual at mid-west-tech.com >

SINGLE- LEVER POSITION ADJUSTMENT

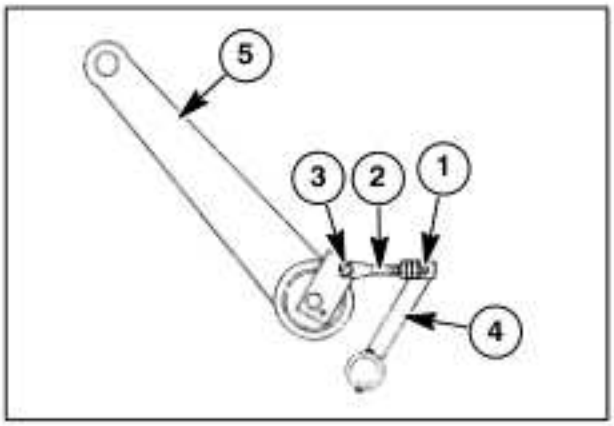
Linkage Adjustments

The length of the position control rod is critical, and careful adjustment must be observed for proper operation. If the control rod is adjusted too short, the control valve spool will remain in the raised position when the lift arms have reached their maximum height, and the system relief valve will blow. If the control rod is too long, the control valve spool will return to neutral before the lift arms reach their full height.

The position control rod should be adjusted any time the link is disconnected for service to the hydraulic system, or any time the relief valve is observed to be operating when the lift arms are at the fully raised position.

Adjustment Procedure

1. Loosen the locknut, 1, on the position control rod, 2, and remove the pin, 3, from the link.
2. Set the control lever, 4, to the highest position.
3. Start the engine. The lift arms, 5, should rise, and the relief valve should operate.
4. Move the control lever down until the relief valve ceases operation.
5. Adjust the length of the position control rod and clevis to align the pin holes. Then lengthen the rod one additional full turn and install the pin. Tighten the locknut.
6. Check the operation. The relief valve should not operate when the lift arms are in their fully raised position.

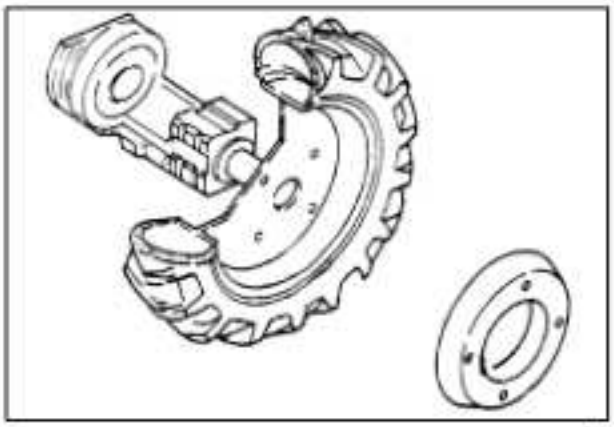


37

MidWestTech | New Holland Boomer 3040, 3045, 3050 12x12 Tractor Operator's Manual |... Order the manual at mid-west-tech.com >

REAR WHEEL WEIGHTS
#710470026

Tire Type	Weight(s)
Agricultural	Maximum of (2) weights per wheel @ 47.3 kg (105 lb) each - 189 kg (420 lb) total
Turf	Not Available
Industrial (R4)	Maximum of (2) weights per wheel @ 47.3 kg (105 lb) each - 189 kg (420 lb) total per wheel



45

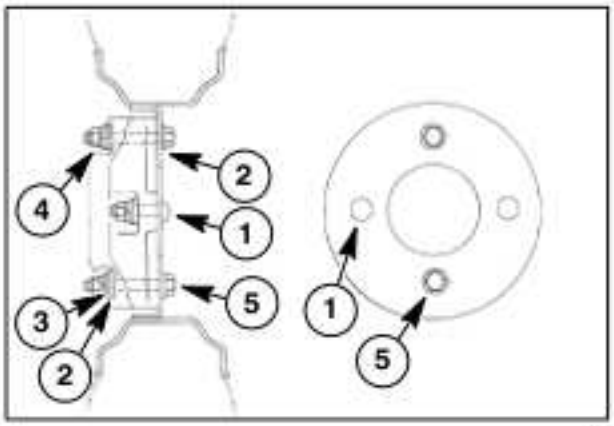
NOTE: *Rear wheel weights can be used with liquid ballast. Hardware to mount weights should be obtained locally.*

REAR WHEEL WEIGHT INSTALLATION

(Ag. and R4 Tire)

Hardware needed one weight installed per wheel:

Item	Qty.	Description
1	4	5/8 in x 3-1/2 in carriage bolt
2	8	5/8 in flat washer
3	4	5/8 in lock washer
4	4	5/8 in nut



46

Hardware needed two weights installed per wheel:

Item	Qty.	Description
1	2	5/8 in x 3-1/2 in carriage bolt
2	10	5/8 in flat washer
3	4	5/8 in lock washer
4	4	5/8 in nut
5	2	5/8 in x 7 in cap screw

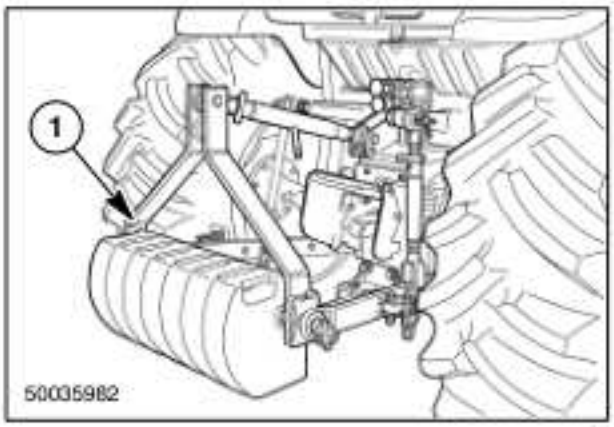
Rear Counter Weight Bracket (Optional)
#718740016

Weight bracket, 1, fits any 3-point hitch. Maximum of seven suitcase weights

(7) 27 kg (60 lb) each - 191.0 kg (420 lb) total

or

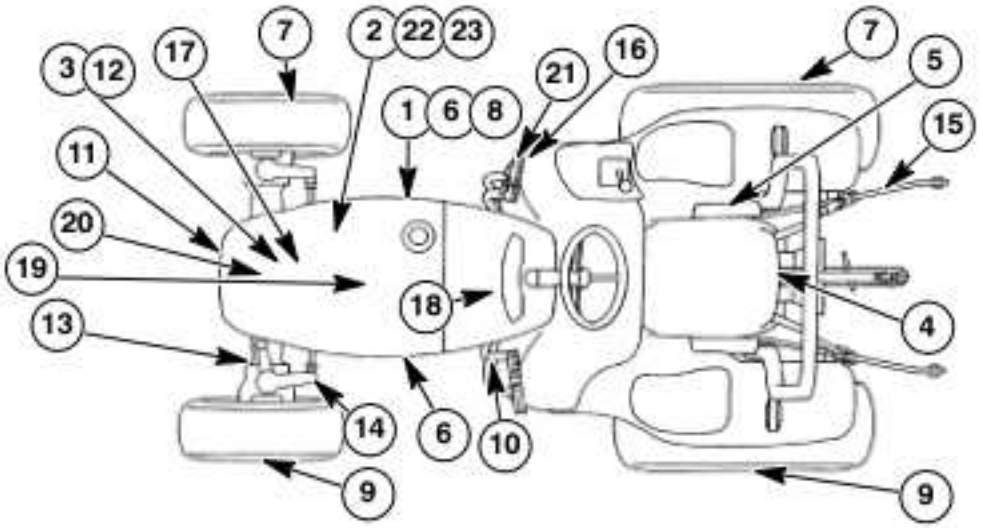
(2) 27 kg (60 lb)
(5) 45 kg (100 lb) - 282 kg (620 lb) total



47

MidWestTech | New Holland Boomer 3040, 3045, 3050 12x12 Tractor Operator's Manual |... Order the manual at mid-west-tech.com >

LUBRICATION AND MAINTENANCE CHART
NEW HOLLAND BOOMER 3040, 3045, 3050 - FRONT-WHEEL DRIVE



2

NO.	LUBRICATION & MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTER-VALS
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
1, 6	Engine Oil & Filter				X		
7	Tire Pressure	X					
8	Fuel Filter				X		
9	Wheel Bolt Torque	X					
—	All Fluid Levels	X					
7	Tires	X					Every 50 Hours
10	Clutch Pedal Free Play	X		X		X	
11	Battery	X					
12	Fan Belt	X					
13	Front Axle Oil Level	X					
21	Brake Pedal Free Play	X					
	Lubrication Fittings:						
14	Steering Linkage			X			
15	3-Point Linkage			X			
16	Brake Pedal			X			
17	Power Steering Cylinder			X			
18	Pedal Shaft			X			
19	Drive Cover Shaft			X			
20	Axle Pivot Shaft			X			

NO.	LUBRICATION & MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTER-VALS
2	Air Cleaner Element		X				Every 100 Hours
8	Fuel Filter		X				
1, 7	Engine Oil & Filter				X		Every 200 Hours
21	Brake Pedal Free Play					X	
12	Fan Belt					X	
9	Wheel Bolt Torque	X					
4	Transmission Oil				X		Every 300 Hours
5	Hydraulic Filter				X		
8	Fuel Filter Element				X		
13	Front Axle Oil				X		
22*	Fuel Injector	X				X	Every 600 Hours *Refer to Repair Manual
23*	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

MidWestTech | New Holland Boomer 3040, 3045, 3050 12x12 Tractor Operator's Manual |... Order the manual at mid-west-tech.com >