MX Series

MagnumTractors MX180, MX200, MX220, MX240 and MX270

Operators Manual

Rac 6-5344

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Operating in Load Control

The LOAD CONTROL KNOB (5) sets the depth of the implement to control the load on the tractor. Turning the knob clockwise will increase the tractor load and the implement depth. Turning the knob counterclockwise will decrease the tractor load and the implement depth.

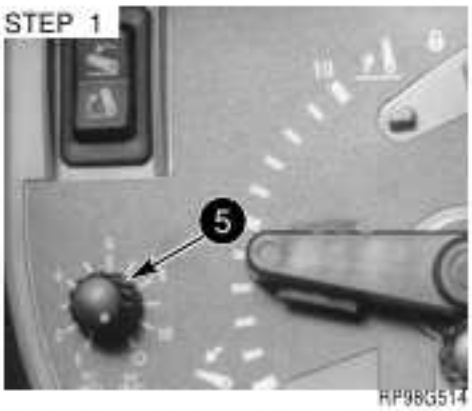
NOTE: *Complete Operating in Position Control Steps first before adjusting for Load Control.*

NOTE: *At the lighter load settings (Number 1 to Number 5), some implements will not lower in LOAD CONTROL OPERATION. Move the Load Control Knob clockwise to increase load setting to lower implement.*

NOTE: *The tractor must be moving a minimum of 0.8 kph (0.5 mph) for the load control to function. Adjusting the LOAD CONTROL KNOB to a lighter load setting (Number 1 to Number 5) while the tractor is stationary, may result in significant hitch movement when the tractor moves again.*

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STEP 1



RP98G514

With the Hitch UP/DOWN switch "Down" and the Hitch Position Control fully counterclockwise, turn the LOAD Control Knob (5) counterclockwise to decrease the load setting until the hitch begins to raise.

NOTE: *In fields with intermittent hard and soft soil conditions, a bottom depth may be set by moving the HITCH POSITION CONTROL to some position other than full down. This prevents the implement from going too deep in soft or sandy soil*

STEP 2



RD98F105

Turn the TRAVEL control knob (8) counterclockwise to reduce the changes in the working depth or clockwise to increase the amount of hitch movement.

NOTE: *A typical travel setting for a fully mounted implement is a setting of "7" to "10" and a setting of "3" to "5" for a semi- mounted implement.*

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BALLASTING GUIDE - MFD

Approximate Unballasted Weight with Standard Equipment, No Operator and 75 Percent Fuel				
	MFD, Rear Singles		MFD Rear Duals	
Model	Split, Lbs/HP	Weight (Lbs)	Split, Lbs/HP	Weight (Lbs)
MX180	39/61, 133	7510 F 11 760 R 19 290 T	36/64, 145	7510 F 13 520 R 21 030 T
MX200	38/62, 124	7810 F 12 580 R 20 390 T	35/65, 136	7810 F 14 580 R 22 390 T
MX220	38/62, 110	7810 F 12 580 R 20 390 T	35/65, 121	7810 F 14 580 R 22 390 T
MX240	39/61, 103	8280 F 12 760 R 21 040 T	36/64, 112	8280 F 14 710 R 22 990 T
MX270	39/61, 90	8280 F 12 760 R 21 040 T	36/64, 98	8280 F 14 710 R 22 990 T

F = Front Axle Weight, R = Rear Axle Weight, T = Total Tractor Weight

MFD with Towed or semi-mounted Implements (35/65 Split)						
	110 Lbs/HP, 5.5 mph +		120 Lbs/HP, 5.0 mph		130 Lbs/HP, 4.5 mph -	
Model	Singles	Duals	Singles	Duals	Singles	Duals
MX180	n/a	n/a	n/a	n/a	n/a	n/a
MX200	n/a	n/a	n/a	n/a	H	Unballast
MX220	n/a	n/a	A, H	Unballast	A, G, H	A, G
MX240	H	Unballast	A, G, H	A, G	n/a	A, C, G, H
MX270	A, G, H	A, H	n/a	A, D, 2xH	n/a	B, D, G, 2xH

MFD with Fully Mounted or high vertical load Implements (40/60 Split)						
	110 Lbs/HP, 5.5 mph +		120 Lbs/HP, 5.0 mph		130 Lbs/HP, 4.5 mph -	
Model	Singles	Duals	Singles	Duals	Singles	Duals
MX180	n/a	n/a	n/a	n/a	Unballast	n/a
MX200	n/a	n/a	Unballast	n/a	A, G	n/a
MX220	A	n/a	A, C, G	A, C	A, D, G, H	A, D, G
MX240	A, G	A	A, D, G, H	A, D, G	n/a	B, D, H
MX270	A, D, G, H	A, D, H	n/a	B, D, G, H	n/a	B, E, G, 2xH

Code	Description	Front Wt, +/-	Rear Wt, +/-
A	Small weight frame	+425 Lbs	-120 Lbs
B	Large weight frame	+1155 Lbs	-315 Lbs
C	Front weight - 6 x 100 Lb	+875 Lbs	-280 Lbs
D	Front weight - 10 x 100 Lb	+1460 Lbs	-465 Lbs
E	Front weight - 18 x 100 Lb	+2630 Lbs	-840 Lbs
F	Rear wheel weight - 2 x 200 Lb	0 Lbs	+400 Lbs
G	Rear wheel weight - 2 x 500 Lb	0 Lbs	+1000 Lbs
H	Rear wheel weight - 2 x 1000 Lb	0 Lbs	+2000 Lbs
n/a	Weight split is not achievable		
Unballast	No ballast needed to achieve setting	0 Lbs	0 Lbs

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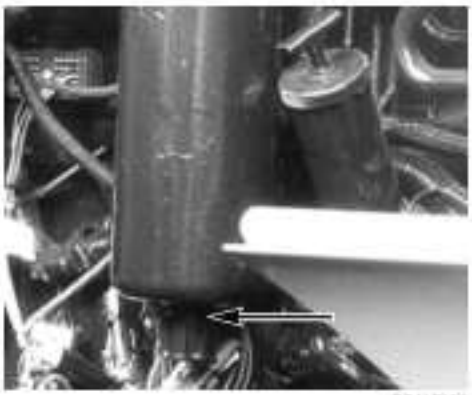
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50 HOUR MAINTENANCE

NOTE: *Complete the 10 hour maintenance plus the following.*

Fuel Filter Water Drain Plug



RP98F028

MX240 and MX270



RP98F044

MX180, MX200 and MX220

The drain plug is located on the bottom of the primary fuel filter.

Every 50 hours of operation, loosen the plug to collect any water or sediment from the filter.

Tighten the plug once the water has drained.

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