Magnum 250
Magnum 280
Magnum 310
Magnum 340
Magnum 380

Tractor

PIN ZERF04500 and above

OPERATOR'S MANUAL

Part number 47585531

1st edition English

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CASE IH AGRICULTURE

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Hitch operation

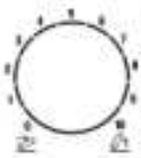
The electronic hitch system has two modes of operation: position control and load control.

In position control, the hitch mirrors the movement of the hitch position control lever.

In load control, the hitch system adjusts hitch height to maintain a constant implement load on the tractor in changing soil conditions and over varying terrain.

Control overview

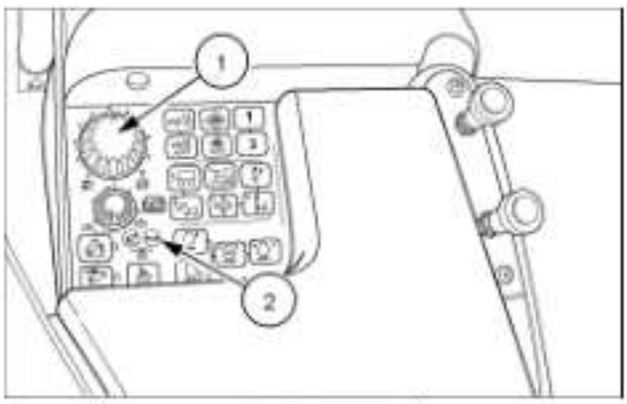
Use the position control knob **(1)** to set implement height, when operating in position control and maximum implement depth when operating in draft control.



Rotate the hitch position control clockwise to raise the hitch or decrease down pressure.
Rotate the hitch position control counter clockwise to lower the hitch or increase down pressure.



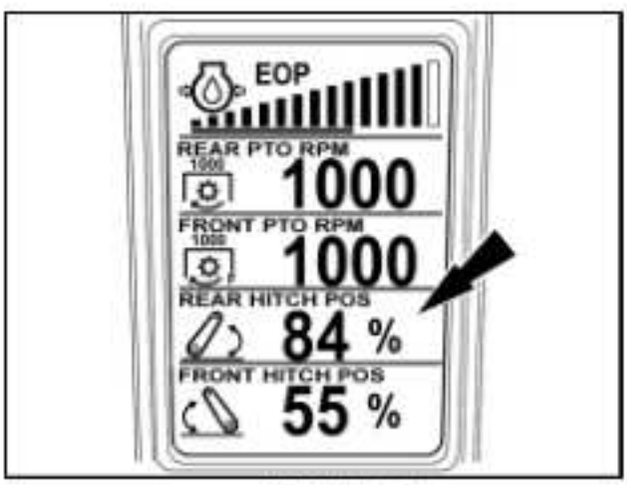
The warning light **(2)** serves two purposes: When flashing, the light indicates a problem in the system circuits; when steady, the light indicates the hitch is not at the selected working height or at the pre-set height set by the height limiter.



RGPH11CCH002AAA 1

The latter may be caused by 1) operating the inching buttons, 2) hitch is stopped during the raise cycle, 3) using the fender switches, or 4) moving the hitch position control after the keyswitch was turned off.

When operating in position control, the hitch position window on the instrumentation indicates the position of the lower links as a percentage of travel from **0 - 100 %**, in **1 %** increments. 0 (zero) indicates the links are fully lowered; 100 indicates the links are fully raised. Select the display using the appropriate key on the keypad.



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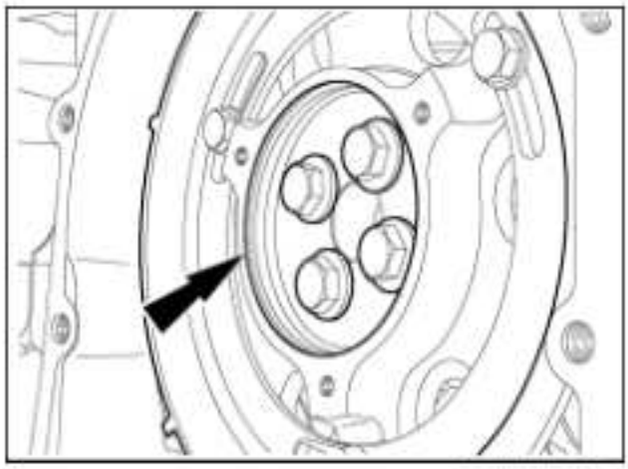
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Model	Front weight kg (lbs)	Rear weight kg (lbs)	Total weight kg (lbs)	/b/PTO HP	Weight split front/rear %
Unballasted tractor weight: See Table 1					
Ballast added: See Table 2					
Front weights					
Rear wheel weights					
Wheel hubs, spacers, etc.					
Front hitch and Power Take-Off (PTO)					
Other					
Standard tires (deduct if not equipped)					
Alternate tire selection					
Dual tire selection					
Tractor without implement					
Ballasted tractor weight:					
Tire pressure (psi)/Load rating (lb)					
Maximum permitted weight check:					
Tractor with implement					
Rear implement weight					
Ballasted tractor with implement					
Tire pressure (psi)/Load rating (lb)					
Maximum permitted weight check:					

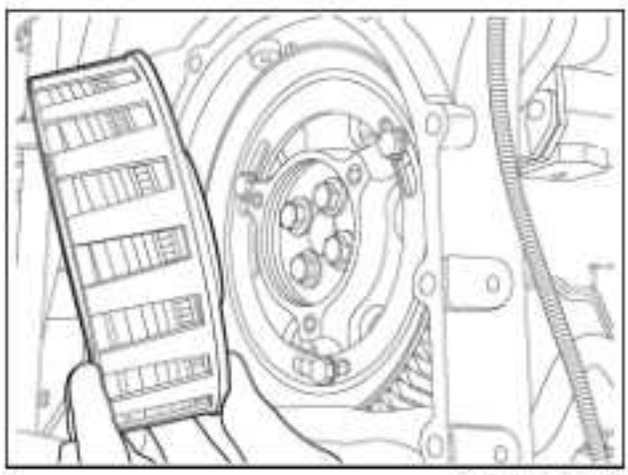
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Installation

8. Lubricate with oil and install a new O-ring seal.

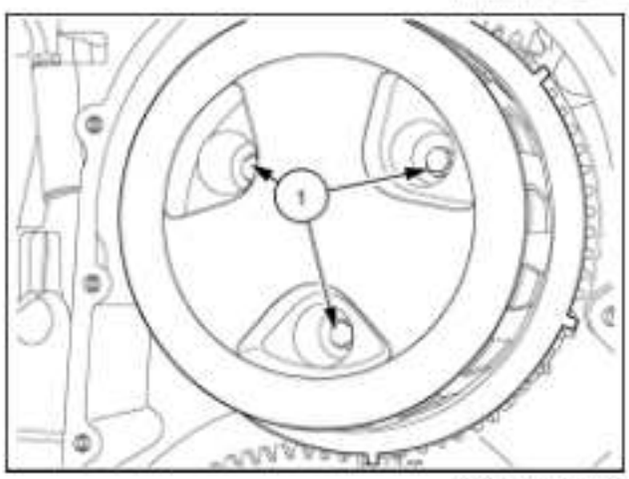


9. Install a new filter.



10. Use the three bolts **(1)** removed earlier to secure the filter.

NOTICE: *Do not over tighten the bolts or damage to the filter housing may occur.*



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