Magnum 235
Magnum 260
Magnum 290
Magnum 315
Magnum 340
Magnum 370
Tractor

PIN ZDRD06500 and above

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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FORWARD CONTROLS

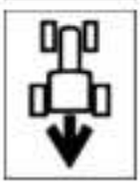
Steering column

Transmission control lever

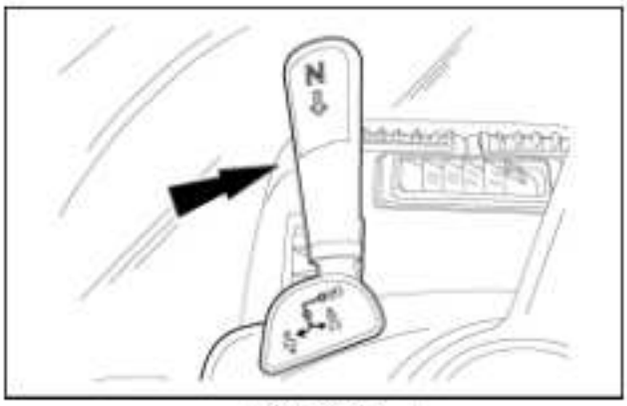
Lift the lever towards the steering wheel, and move it towards the forward or reverse icon. Icons in the tractor instrumentation confirm the direction of travel selected. It is not necessary to depress the inching pedal (clutch pedal) when operating the lever.



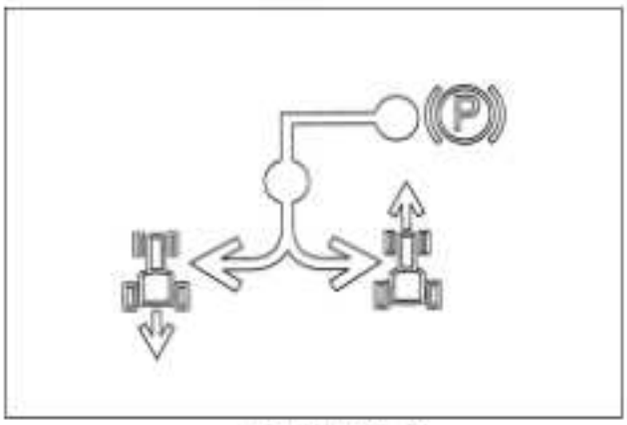
Forward position



Reverse position



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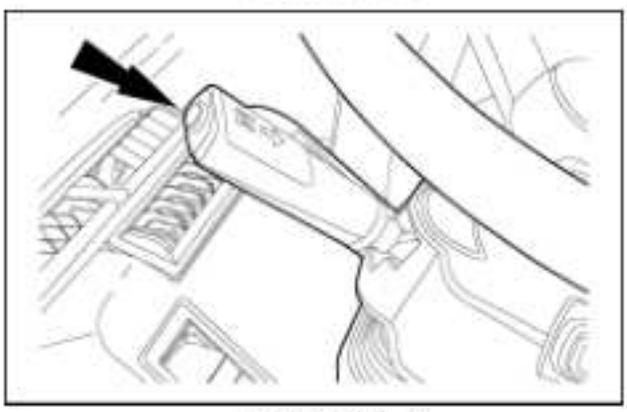
When the lever is released, it returns to the rest position. This is not the neutral position for the transmission.

To select neutral when forward or reverse travel is selected:

- press the button on the end of the lever;
- the "N" icon displays on the tractor instrumentation to confirm the selection.

To select neutral from the park position:

- press the brake pedals,
- move the transmission control lever from park to the rest position,
- and press the neutral button.



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Neutral position

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Table 2 – Ballast weights

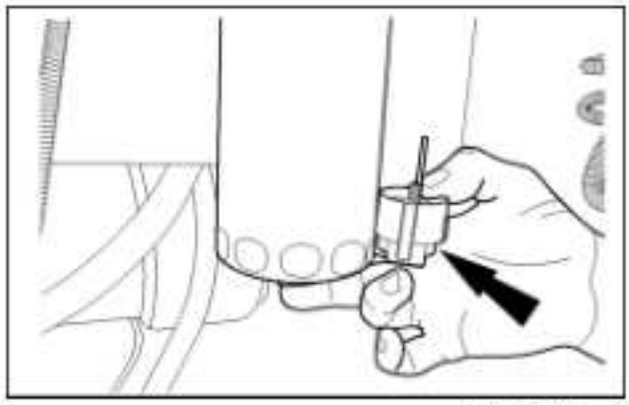
NOTE: *Refer to the ballast section in this manual.*

Add ballast components	Front kg (lbs)	Rear kg (lbs)	Total kg (lbs)
Front frame			
Front weight support	346 kg (763 lb)	- 109 kg (240 lb)	237 kg (523 lb)
Front weights (Add front weight support.)			
6 x **45 kg (100 lb)**	412 kg (908 lb)	- 142 kg (313 lb)	270 kg (595 lb)
10 x **45 kg (100 lb)**	686 kg (1512 lb)	- 235 kg (518 lb)	451 kg (994 lb)
18 x **45 kg (100 lb)**	1235 kg (2723 lb)	- 425 kg (937 lb)	810 kg (1786 lb)
18 x **55 kg (120 lb)**	1519 kg (3349 lb)	- 529 kg (1166 lb)	990 kg (2183 lb)
Rear wheel weights - Singles			
2 x **90 kg (200 lb)**		182 kg (401 lb)	182 kg (401 lb)
2 x **227 kg (500 lb)**		454 kg (1001 lb)	454 kg (1001 lb)
2 x **454 kg (1000 lb)**		909 kg (2004 lb)	909 kg (2004 lb)
2 x **454 kg (1000 lb)** HD		909 kg (2004 lb)	909 kg (2004 lb)
2 x **795 kg (1750 lb)** HD		1590 kg (3505 lb)	1590 kg (3505 lb)
Rear wheel weights - Duals			
2 x **95 kg (200 lb)**		182 kg (400 lb)	182 kg (400 lb)
2 x **227 kg (500 lb)**		454 kg (1001 lb)	454 kg (1001 lb)
2 x **454 kg (1000 lb)**		909 kg (2004 lb)	909 kg (2004 lb)
2 x **454 kg (1000 lb)** HD		909 kg (2004 lb)	909 kg (2004 lb)
2 x **795 kg (1750 lb)** HD		1590 kg (3505 lb)	1590 kg (3505 lb)
Front wheel spacers duals (Refer to front wheel tread settings for required spacers.)			
Spacer **406 mm (16 in)** 12-bolt x 2	116 kg (256 lb)		116 kg (256 lb)
Spacer **305 mm (12 in)** 12-bolt x 2	95 kg (209 lb)		95 kg (209 lb)
Rear wheel spacers duals (Refer to rear wheel tread settings for required spacers.)			
Spacer **127 mm (5 in)** x 2		89 kg (196 lb)	89 kg (196 lb)
Spacer **254 mm (10 in)** x 2		122 kg (269 lb)	122 kg (269 lb)
Spacer **330 mm (13 in)** x 2		133 kg (293 lb)	133 kg (293 lb)
Spacer **381 mm (15 in)** x 2		140 kg (309 lb)	140 kg (309 lb)
Rear wheel hubs duals			
Dual hub for **105 mm (4.0 in)** axle x 2		144 kg (318 lb)	144 kg (318 lb)
Dual hub for **115 mm (4.5 in)** axle x 2		138 kg (304 lb)	138 kg (304 lb)
Dual hub for **127 mm (5.0 in)** axle x 2		140 kg (309 lb)	140 kg (309 lb)
Front hitch and Power Take-Off (PTO) (Not with front weight support)			
Front hitch only	510 kg (1124 lb)	- 165 kg (364 lb)	345 kg (761 lb)
Front hitch and PTO	735 kg (1620 lb)	- 204 kg (450 lb)	531 kg (1171 lb)
Front weight carrier	159 kg (351 lb)	- 66 kg (146 lb)	93 kg (205 lb)
10 x **45 kg (100 lb)** weight on front hitch and PTO weight carrier + bracket	1216 kg (2681 lb)	- 548 kg (1208 lb)	668 kg (1473 lb)
18 x **45 kg (100 lb)** weight on front hitch and PTO weight carrier + bracket	1957 kg (4314 lb)	- 887 kg (1956 lb)	1070 kg (2359 lb)
18 x **55 kg (120 lb)** weight on front hitch and PTO weight carrier + bracket	2214 kg (4881 lb)	- 1009 kg (2225 lb)	1205 kg (2657 lb)
Front hitch weight - Zuidberg **900 kg (1980 lb)**	1621 kg (3574 lb)	- 673 kg (1484 lb)	948 kg (2090 lb)
Front hitch weight - Zuidberg **1500 kg (3300 lb)**	2709 kg (5972 lb)	- 1154 kg (2544 lb)	1555 kg (3428 lb)
Optional single tire combinations (Must first deduct standard tires)			
Standard front 380/85R34 + rear 480/80R46	- 372 kg (820 lb)	- 770 kg (1698 lb)	- 1142 kg (2518 lb)
Front 420/90R30 + rear 480/80R46	370 kg (816 lb)	770 kg (1698 lb)	1140 kg (2513 lb)
Front 420/85R34 + rear 480/80R50	426 kg (939 lb)	834 kg (1839 lb)	1260 kg (2778 lb)
Front IF 420/85R38 + rear IF 480/95R50	512 kg (1129 lb)	972 kg (2143 lb)	1484 kg (3272 lb)
Front 420/90R30 + rear 520/85R42	370 kg (816 lb)	778 kg (1715 lb)	1148 kg (2531 lb)
Front 600/70R30 + rear 710/70R42	534 kg (1177 lb)	1114 kg (2456 lb)	1648 kg (3633 lb)
Front 650/60R34 + rear 710/75R42	700 kg (1543 lb)	1192 kg (2628 lb)	1892 kg (4171 lb)
Front 650/60R34 + rear 900/60R42	700 kg (1543 lb)	1290 kg (2844 lb)	1990 kg (4387 lb)

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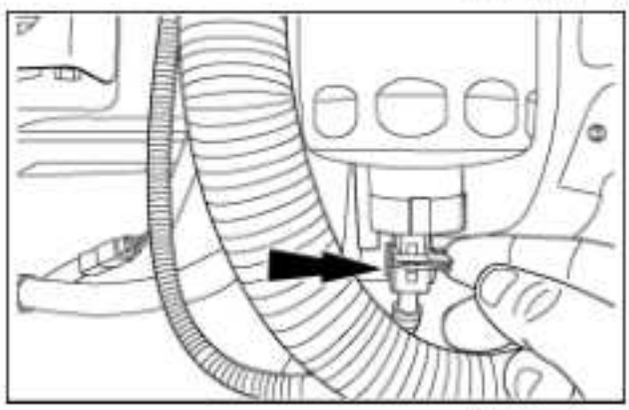
Installation

5. • Lubricate the seal on a new filter with oil or a light grease.
   • Tun the filter clockwise until the gasket contacts the filter head and hand tighten **1/2** turn.
   • Loosen the filter.
   • Again tighten the filter **1/2** to **3/4** turn once the gasket contacts the filter head.
   • Do not over tighten.
6. Install the water sensor and hand tighten only.



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7. Install the harness connector.



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