Magnum™ 250
Magnum™ 280
Magnum™ 310
Magnum™ 340
Magnum™ 380

Magnum™ 310 Rowtrac™
Magnum™ 340 Rowtrac™
Magnum™ 380 Rowtrac™

Tractor

PIN ZERF08100 and above

OPERATOR'S MANUAL

Part number 47824492

3rd edition English

February 2015

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CASE IH AGRICULTURE

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NOTE: *The Operator's Manual consists of two volumes. The first volume contains operating information, the second volume the maintenance and diagnostic information.*

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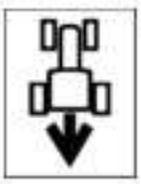
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Transmission control lever

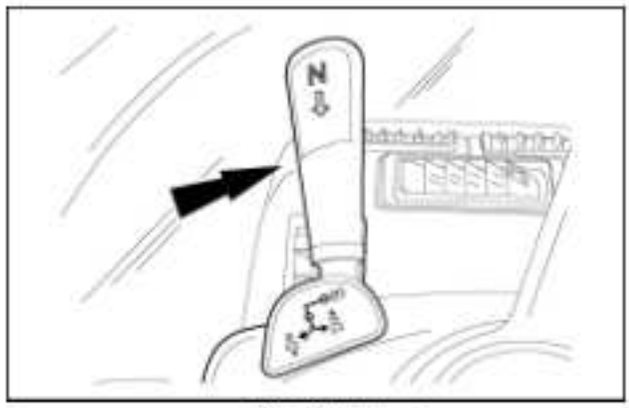
Lift the transmission control lever towards the steering wheel, and move it towards the forward or reverse icon. Icons in the tractor instrumentation confirm the direction of travel selected. Depressing the inching pedal (clutch pedal) is not necessary to operate the lever.



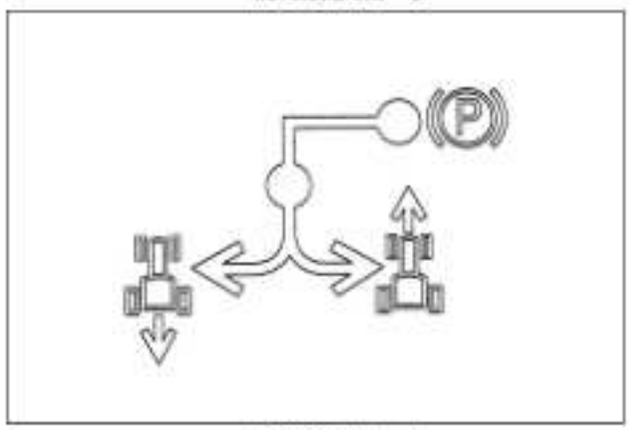
Forward position



Reverse position



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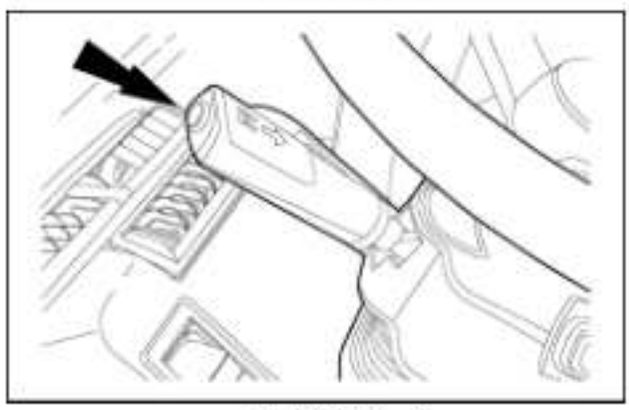
When the lever is released, it returns to the rest position. This is not the neutral position for the transmission.

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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Example 2

Magnum 380 tractor with a CVT and a class 5.0 saddle suspended axle, 127 mm (5.0 in) rear axle, dual front 420/85R34 and rear 480/80R50 tires

Model: Magnum 380	Front weight kg (lbs)	Rear weight kg (lbs)	Total weight kg (lbs)	lb/pto hp	Weight split front/ rear %
Unballasted tractor weight: See Table 1	**5040 kg (11111 lb)**	**7660 kg (16887 lb)**	**12700 kg (27999 lb)**	89	40/60
Ballast added: See Table 2					
Front weight support	**346 kg (763 lb)**	**- 109 kg (240 lb)**	**237 kg (522 lb)**		
Front weights 18 x **45 kg (100 lb)**	**1235 kg (2723 lb)**	**- 425 kg (937 lb)**	**810 kg (1786 lb)**		
Rear wheel weights 2 x **454 kg (1000 lb)**		**909 kg (2004 lb)**	**909 kg (2004 lb)**		
Rear wheel weights 2 x **795 kg (1750 lb)**		**1590 kg (3505 lb)**	**1590 kg (3505 lb)**		
Standard front 380/85R34 + rear 480/80R46	**- 372 kg (820 lb)**	**- 770 kg (1698 lb)**	**- 1142 kg (2518 lb)**		
Front 420/85R34 + rear 480/80R50	**- 426 kg (939 lb)**	**- 834 kg (1839 lb)**	**- 1260 kg (2778 lb)**		
Spacer **406 mm (16 in)** 12 bolt x 2	**- 116 kg (256 lb)**		**- 116 kg (256 lb)**		
Dual hub for **127 mm (5.0 in)** axle x 2		**- 140 kg (309 lb)**	**- 140 kg (309 lb)**		
Front 420/85R34 + rear 480/80R50	**- 426 kg (939 lb)**	**- 834 kg (1839 lb)**	**- 1260 kg (2778 lb)**		
Rear wheel weights 2 x **454 kg (1000 lb)**		**909 kg (2004 lb)**	**909 kg (2004 lb)**		
Tractor without implement					
Ballasted tractor weight:	**7217 kg (15911 lb)**	**11572 kg (25512 lb)**	**18789 kg (41423 lb)**	131	38/62
Check tire pressure (psi)/load rating (lb)	**150 kPa (22 psi)**	**100 kPa (15 psi)**		Refer to tire load and inflation charts.	
Maximum permitted weight check:	**7760 kg (17108 lb)**	**19410 kg (42792 lb)**	**19330 kg (42615 lb)**	Okay, all values above ballasted tractor weight	
Tractor with implement					
Rear implement weight	**- 3300 kg (7275 lb)**	**7700 kg (16976 lb)**	**4400 kg (9700 lb)**		
Ballasted tractor with implement	**- 3917 kg (8636 lb)**	**19272 kg (42487 lb)**	**23189 kg (51123 lb)**		
Check tire pressure (psi)/load rating (lb)	**150 kPa (22 psi)**	**100 kPa (15 psi)**		Refer to tire load and inflation charts.	
Maximum permitted weight check:	**7760 kg (17108 lb)**	**19410 kg (42792 lb)**		Okay, all values above ballasted tractor weight	

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7 - MAINTENANCE

GENERAL INFORMATION

Safety rules

⚠ DANGER

Improper operation or service of this machine can result in an accident.
Do not operate this machine or perform any lubrication, maintenance, or repair on it until you have read and understood the operation, lubrication, maintenance, and repair information.
Failure to comply will result in death or serious injury.

D0016A

⚠ DANGER

Improper operation or service of this machine can result in an accident.
Any unauthorized modifications made to this machine can have serious consequences. Consult an authorized dealer on changes, additions, or modifications that may be required for this machine. Do not make any unauthorized modifications.
Failure to comply will result in death or serious injury.

D0038A

⚠ WARNING

Improper operation or service of this machine can result in an accident.
Read and understand the SAFETY INFORMATION Section before you perform any maintenance, service, or repairs. Read and understand the specific service procedures for the components you plan to work with before you start servicing the machine.
Failure to comply could result in death or serious injury.

W0138A

⚠ WARNING

Improper operation or service of this machine can result in an accident.
If you do not understand a maintenance procedure, or doubt your ability to perform a maintenance procedure correctly, see your authorized dealer.
Failure to comply could result in death or serious injury.

W0157A

⚠ WARNING

Personal Protective Equipment (PPE) required.
When assembling, operating, or servicing the machine, wear protective clothing and PPE necessary for the particular procedure. Some PPE that may be necessary includes protective shoes, eye and/or face protection, hard hat, heavy gloves, filter mask, and hearing protection.
Failure to comply could result in death or serious injury.

W0353A

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Selective Catalytic Reduction (SCR) exhaust treatment - Safety signs

Safety signs are placed on your machine as a guide for your safety. Walk around the machine and note the content and location of these signs before operating your machine.

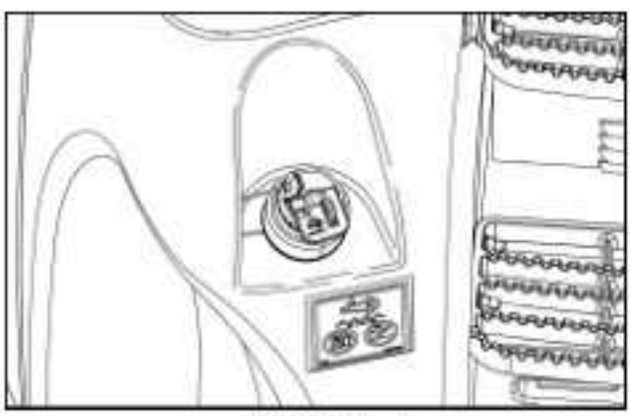
Following is a listing of safety signs and locations. Read and understand them before operating the machine.

Sign Inspection and Maintenance

1. Cleaning signs
   - Keep signs clean and legible.
   - Use a soft cloth, water, and a gentle detergent.
   - Do not use solvent, gasoline, or other harsh chemicals to clean signs. Solvents, gasoline, and other harsh chemicals may damage or remove signs.
2. Replace all signs that are damaged, missing, painted over, or illegible. See your dealer for replacement signs.
3. If a sign is on a part that is replaced, make sure the sign is installed on the new part.

Fill with the correct fluid

Only fill the DEF/AdBlue® tank with approved DEF/AdBlue® solution. Do not fill with diesel fuel or water. Refer to the Operator's Manual.



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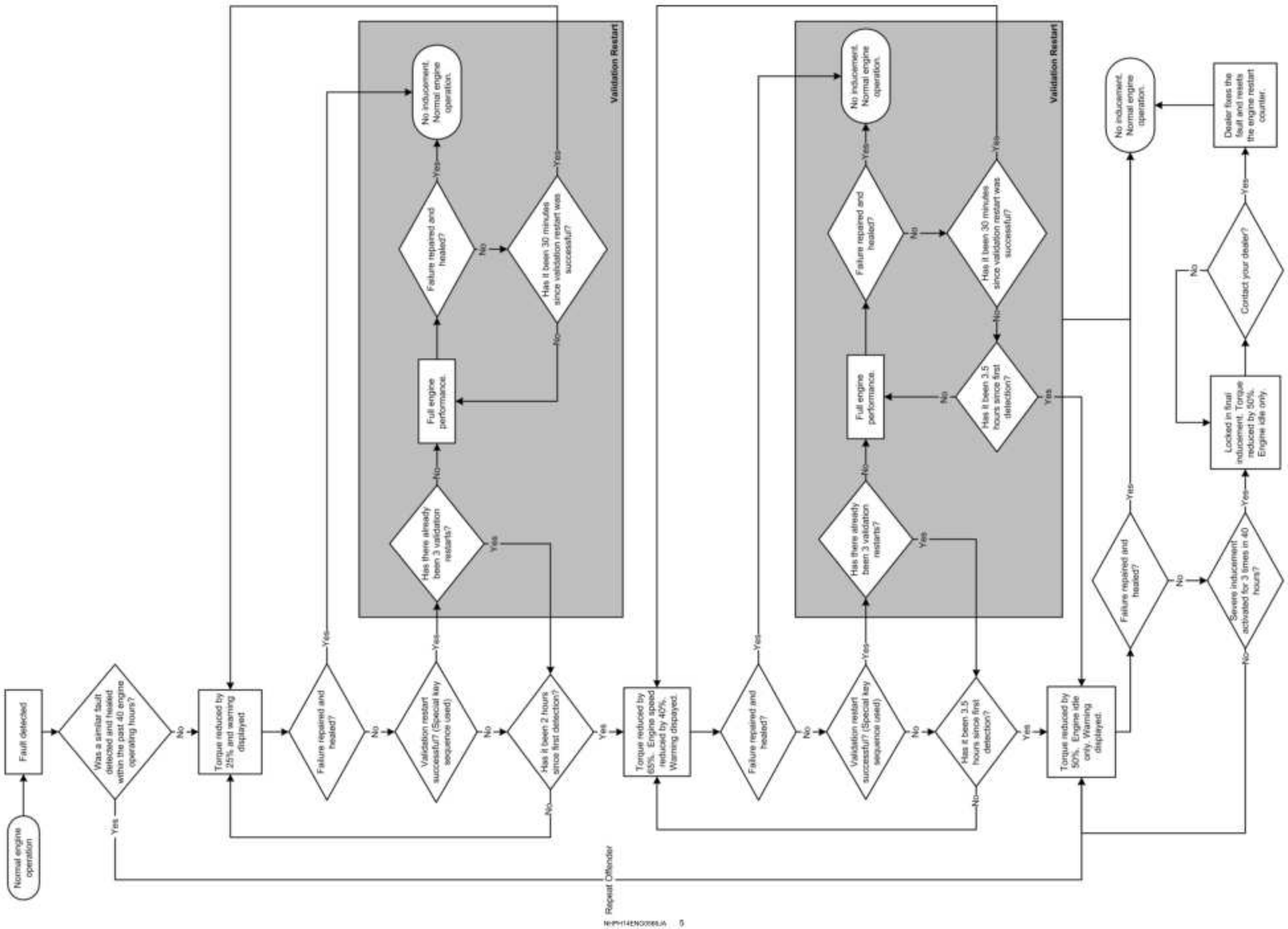
The decal is located below the fill port for DEF/AdBlue® tank..



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