Patriot® 3330

Sprayer

from PIN YCT033001 and above

OPERATOR'S MANUAL

Part number 47358527

1st edition English

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CASE IH AGRICULTURE

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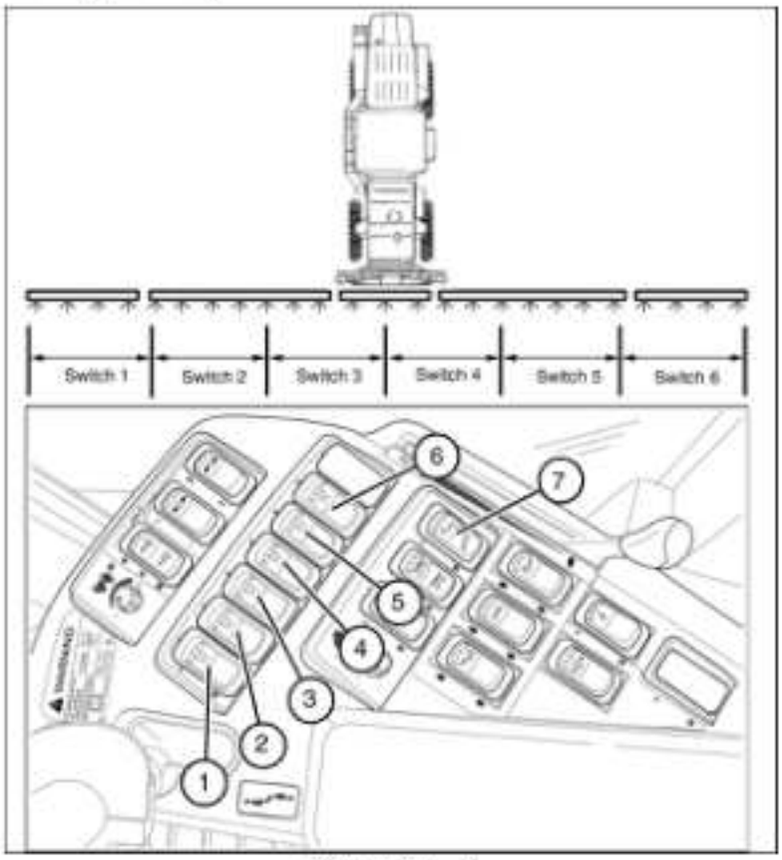
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7 MAINTENANCE

GENERAL INFORMATION

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6-Section boom control (optional)



RCPH11BEN031GAM 6

Boom 6-section shut-offs and interface to control system:	
Controller section #	**Switch #**
Section 1	Switch #7 bottom position (left hand fence row)
Section 2	Switch #1
Section 3	Switch #2
Section 4	Switch #3
Section 5	Switch #4
Section 6	Switch #5
Section 7	Switch #6
Section 8	Switch #7 top position (right hand fence row)

When boom sections are ON the controller is supplied a +12 volt signal.

Controller Programming (6-section):

Case IH Controller

If fence row option is not installed, Boom cal 1 and 9 is set to "0". Boom Cal 2-7 should match boom sections to the proper nozzle count and spacing configuration that is on your sprayer.

If fence row option is installed, Boom cal 1 and 9 will be set to spread width of one fence row section. Boom cal 2-7 should match boom sections to the proper nozzle count and spacing configuration that is on your sprayer. The left hand fence row section is detected on the first boom section input line.

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Pressure and load ratings

⚠ WARNING

Loss of control hazard!
Do not exceed machine gross vehicle weight. Exceeding this weight will adversely affect machine performance and could cause failure or loss of machine control.
Failure to comply could result in death or serious injury.

W1048A

NOTICE: *This information is for product tank loads with a specific gravity equivalent to water.*

NOTICE: *It is the operator's responsibility to be aware of the specific gravity of the material being applied and adjust loading accordingly.*

Tire Size		Load Rating
320/90R46		**148A**
In-field Speed*	Minimum Tire Pressure	Maximum Tire Pressure
16 km/h (10 mph)	**4.0 bar (58 psi)**	**4.8 bar (70 psi)**
24 km/h (15 mph)	**4.8 bar (70 psi)**	**4.8 bar (70 psi)**
32 km/h (20 mph)	Speed Not Recommended	Speed Not Recommended
40 - 48 km/h (25 - 30 mph)	Speed Not Recommended	Speed Not Recommended

Tire Size		Load Rating
380/90R46		**159A8B**
In-field Speed*	Minimum Tire Pressure	Maximum Tire Pressure
16 km/h (10 mph)	**2.8 bar (41 psi)**	**4.4 bar (64 psi)**
24 km/h (15 mph)	**3.6 bar (52 psi)**	**4.4 bar (64 psi)**
32 km/h (20 mph)	**3.8 bar (55 psi)**	**4.4 bar (64 psi)**
40 - 48 km/h (25 - 30 mph)	Speed Not Recommended	Speed Not Recommended

Tire Size		Load Rating
380/90R46 Not for use with machines with 120 foot boom.		**157A8B**
In-field Speed*	Minimum Tire Pressure	Maximum Tire Pressure
16 km/h (10 mph)	**2.8 bar (41 psi)**	**3.6 bar (52 psi)**
24 km/h (15 mph)	**3.6 bar (52 psi)**	**3.6 bar (52 psi)**
32 km/h (20 mph)	**3.6 bar (52 psi)**	**3.6 bar (52 psi)**
40 - 48 km/h (25 - 30 mph)	Speed Not Recommended	Speed Not Recommended

Tire Size		Load Rating
520/85R38		**155A8B**
In-field Speed*	Minimum Tire Pressure	Maximum Tire Pressure
16 km/h (10 mph)	**1.4 bar (20 psi)**	**2.0 bar (29 psi)**
24 km/h (15 mph)	**1.6 bar (23 psi)**	**2.0 bar (29 psi)**
32 km/h (20 mph)	**1.8 bar (26 psi)**	**2.0 bar (29 psi)**
40 - 48 km/h (25 - 30 mph)	Speed Not Recommended	Speed Not Recommended

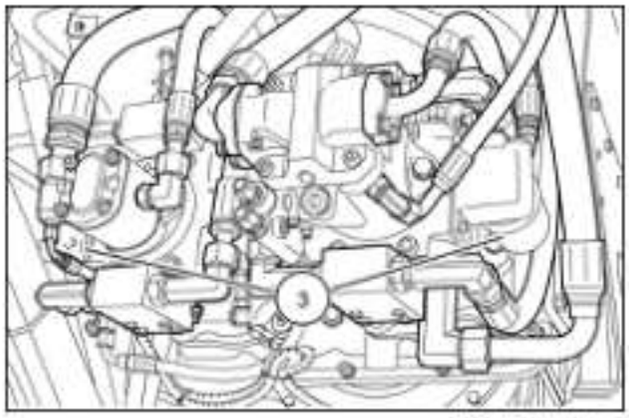
Tire Size		Load Rating
650/65R38		**157A8B**
In-field Speed*	Minimum Tire Pressure	Maximum Tire Pressure
16 km/h (10 mph)	**1.2 bar (17 psi)**	**2.0 bar (29 psi)**
24 km/h (15 mph)	**1.6 bar (23 psi)**	**2.0 bar (29 psi)**
32 km/h (20 mph)	**1.8 bar (26 psi)**	**2.0 bar (29 psi)**
40 - 48 km/h (25 - 30 mph)	Speed Not Recommended	Speed Not Recommended

*In-field speeds and inflation pressures represent cyclical loading of the tires as product tank empties during application. It is not recommended to transport or road the unit with any product in the tank.

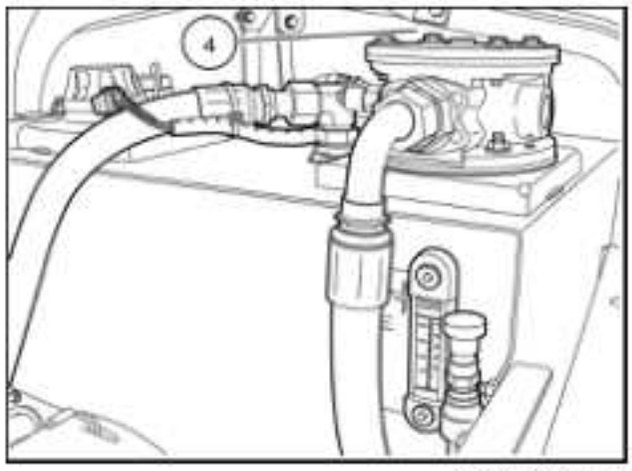
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6. Install new hydraulic charge filters **(3)** on dual hydrostatic pumps. Use a strap type wrench or filter wrench to rotate the filters counterclockwise as viewed from the bottom.

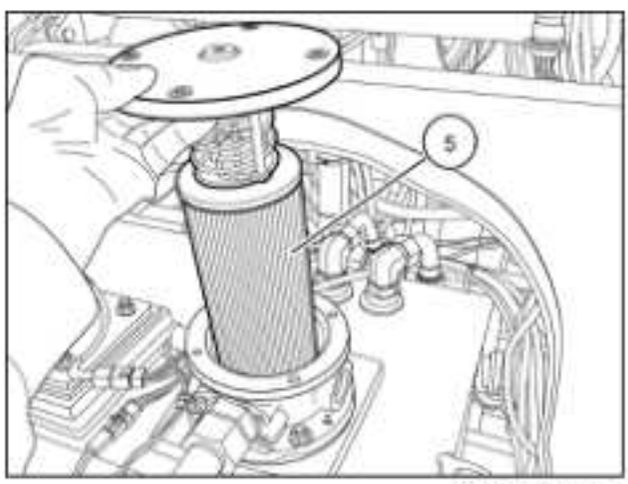
7. Lubricate the gasket on the new filters with clean hydraulic oil. Turn the filters clockwise on the threads of the adapter until the gasket makes contact. Tighten the filter 1/2 to 3/4 turn after the gasket makes contact with the adapter. Do not tighten too much. Do not use a filter wrench to tighten the filter.



8. Remove the four bolts **(4)** on the top cover of the return filter housing.



9. Pull the cover up and remove filter element **(5)** from cover. Install new filter element and reinstall filter cover with four bolts.



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