Patriot® 4440
Tier 4B (final)
Sprayer

PIN JFGY00000KT048669 and above

OPERATOR'S MANUAL

Part number 51575277
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CASE IH AGRICULTURE

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Hydrostatic control lever

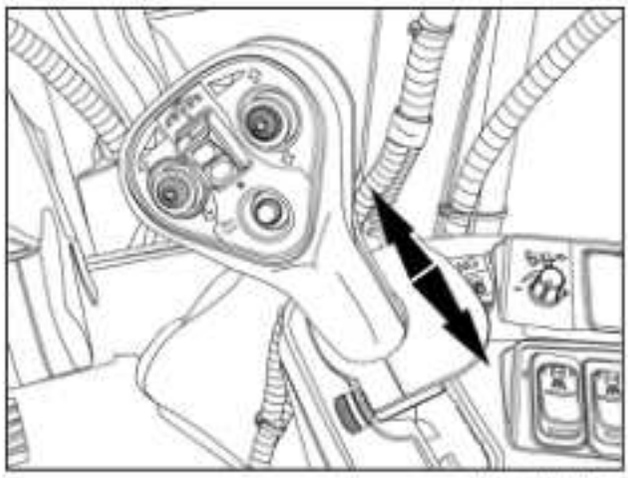
Propulsion functions

To move the machine forward, push the lever forward. To move the machine in reverse, pull the lever backward. To stop the machine return the lever to the center position.

⚠WARNING

Driving hazard!
Be aware that extra weight and bad traction conditions such as mud or ice increase your stopping distance. Liquid in the tires, weights on the machine or wheels, tanks filled with fertilizer, herbicides, or insecticides - all these add weight and increase the distance you need to stop.
Failure to comply could result in death or serious injury.

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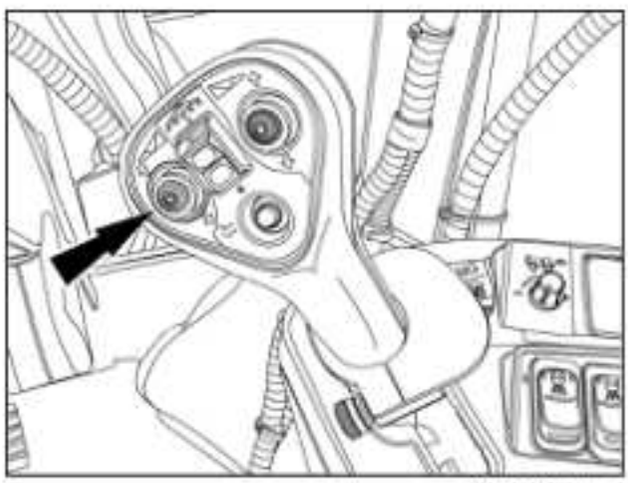
Left boom control

The left boom control allows you to raise, lower, unfold and fold the left hand boom sections.

NOTE: *The arrows above and below the boom control switches indicate the direction that the switch should be pushed to move the booms up or down. To move the booms in or out push the switches at ninety degree angles to the arrows. The booms can be moved in two directions at once by pushing the switches at forty five degree angles to the arrows. Pushing the switches in this direction activates both boom level and fold cylinders.*



Press the top of the switch (up arrow) to raise the left boom. Press the bottom of the switch (down arrow) to lower the left boom. Press the right side of the switch to fold the left boom in. Press the left side of the switch to unfold the left boom out. Release the switch to stop the left boom from moving.



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Pressure and load ratings chart

⚠ 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.

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NOTICE: *This information is for a standard unit equipped as follows: eductor, auto steer, luxury cab, active suspension, foam marker option,* ***90 ft/ 100 ft*** *boom,* ***800 US gal*** *stainless steel tank filled with a specific gravity equivalent to water, and balance of all tanks full.*

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

NOTE: *To ensure optimal tire pressures, your machine should be weighed and compared to the load capacity of the tire.*

Tire Size	Equipped as above	Equipped with direct injection
320/90R46, 148A**		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**3.0 bar (44 psi)**	**3.4 bar (49 psi)**
24 km/h (15 mph)	**3.6 bar (52 psi)**	**4.0 bar (58 psi)**
32 km/h (20 mph)	not recommended	not recommended
40 – 48 km/h (25 – 30 mph)	Speed not recommended	
320/90R46, 156A8/B		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**3.0 bar (43.0 psi)**	**3.7 bar (53.0 psi)**
24 km/h (15 mph)	**3.4 bar (50.0 psi)**	**4.1 bar (59.0 psi)**
32 km/h (20 mph)	**4.0 bar (58.0 psi)**	**4.4 bar (64.0 psi)**
40 – 48 km/h (25 – 30 mph)	Speed not recommended	
380/85R46, 146D**		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**1.8 bar (26 psi)**	**2.6 bar (37 psi)**
24 km/h (15 mph)	**2.4 bar (35 psi)**	**3.2 bar (46 psi)**
32 km/h (20 mph)	**2.8 bar (41 psi)**	**3.6 bar (52 psi)**
40 – 48 km/h (25 – 30 mph)	Speed not recommended	
380/90R46, 157A8B**		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**1.9 bar (28 psi)**	**2.3 bar (33 psi)**
24 km/h (15 mph)	**2.1 bar (31 psi)**	**2.6 bar (38 psi)**
32 km/h (20 mph)	**2.6 bar (37 psi)**	**2.9 bar (42 psi)**
40 – 48 km/h (25 – 30 mph)	Speed not recommended	
480/80R42, 166A8**		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**1.2 bar (17 psi)**	**1.4 bar (20 psi)**
24 km/h (15 mph)	**1.4 bar (20 psi)**	**1.6 bar (23 psi)**
32 km/h (20 mph)	**1.6 bar (23 psi)**	**1.8 bar (26 psi)**
40 – 48 km/h (25 – 30 mph)	Speed not recommended	
520/85R38, 155A8/B**		
In-field speed*	Recommended tire pressure	Recommended tire pressure
16 km/h (10 mph)	**1.0 bar (15 psi)**	**1.2 bar (17 psi)**

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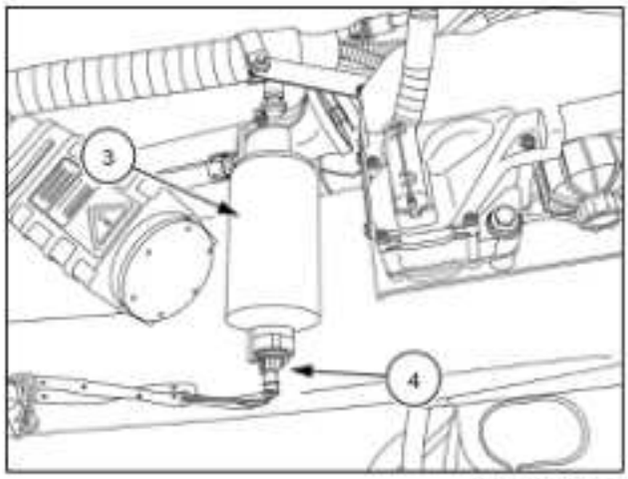
Secondary fuel filter

The secondary fuel filter **(3)** is located on the right side frame rail under the unit.

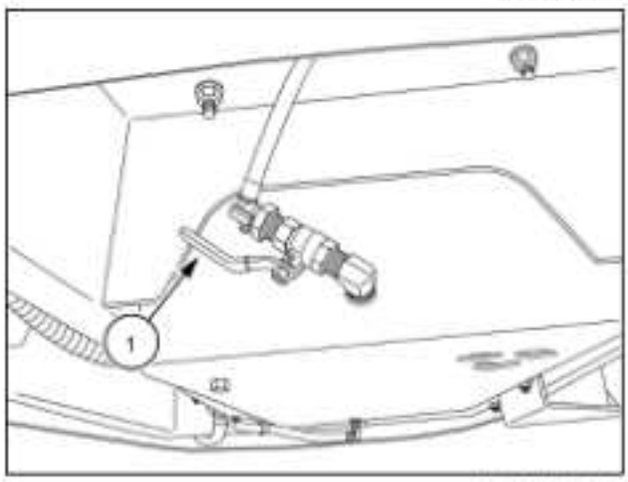
1. Turn the fuel shutoff valve **(1)** to the Off position.
2. Clean the filter head, filter and area next to the filter before removal.
2. Unplug the connector **(4)** on the bottom of the filter.
3. Place a container under the filter **(3)** and use a filter wrench to turn the filter counterclockwise as viewed from bottom to loosen. Remove the filter and dispose of properly.
3. Apply clean oil or grease to the gasket on the new filter.
4. Turn the new filter clockwise as viewed from bottom until filter gasket comes in contact with filter head. Use your hand to tighten 1/2 turn. To get correct seal, loosen filter and again tighten 1/2 to 3/4 turn after gasket comes in contact with filter head.

NOTICE: *DO NOT use a filter wrench to install the fuel filter, damage to the gasket and the filter could result.*

5. Plug connector **(4)** back into bottom of filter.
4. Turn the fuel shutoff valve **(1)** to the On position.
5. Refer to **7-5** and perform air removal procedure.

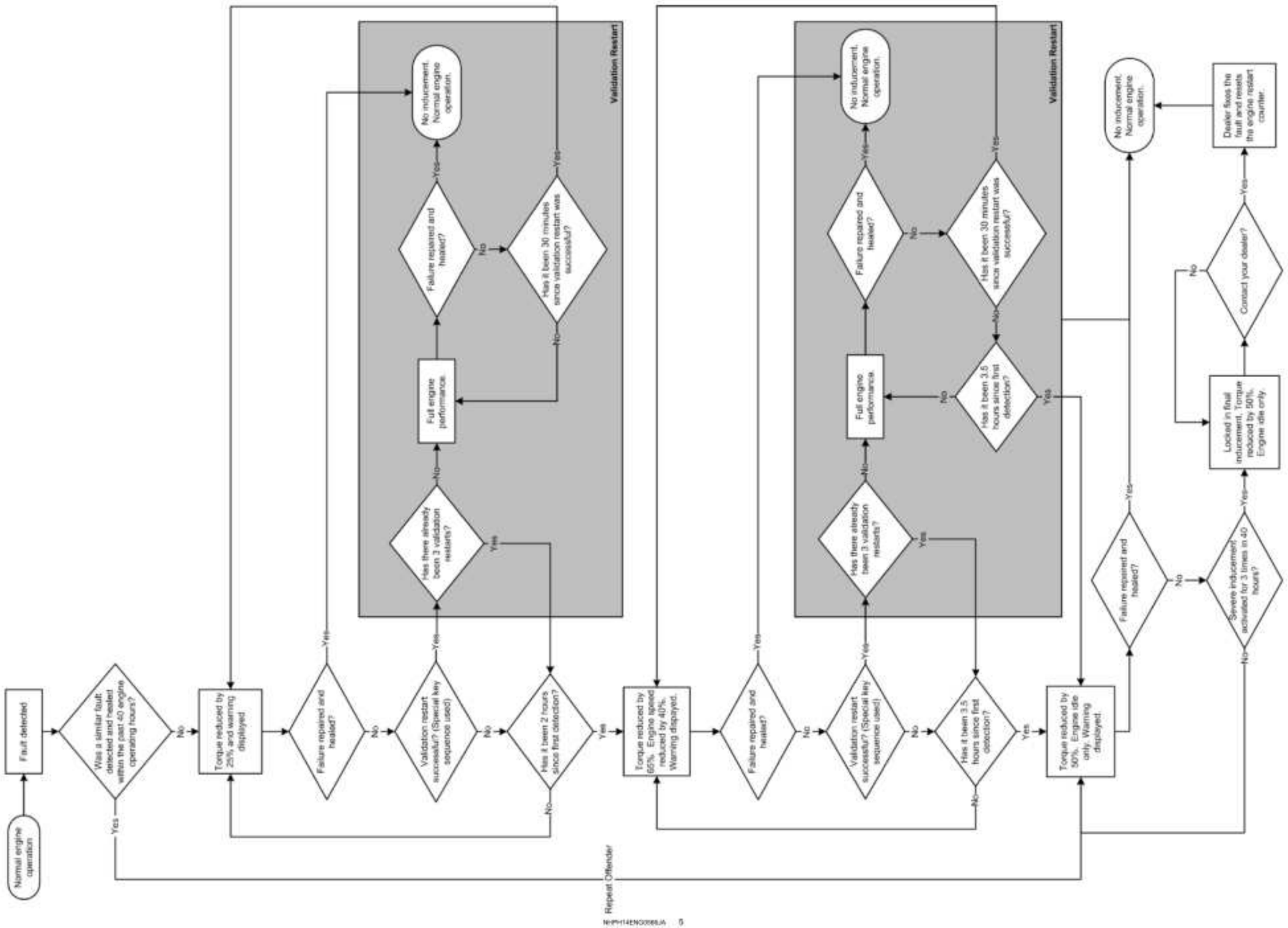


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