AXIAL-FLOW® 5130
AXIAL-FLOW® 6130
AXIAL-FLOW® 7130
Tier 4a
Combine

PIN YDG009296 and above

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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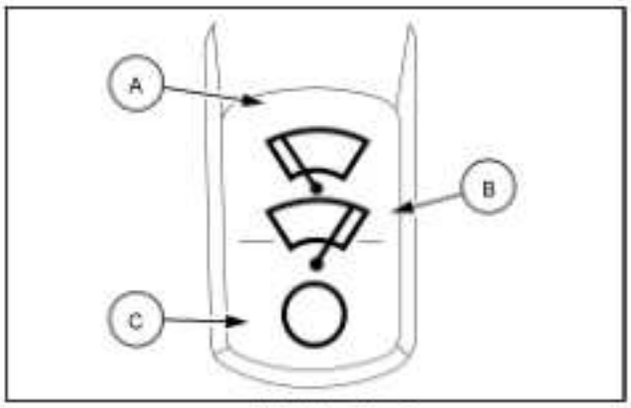
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(10) Windshield wiper rocker switch.

This is a three position switch:

- Top of switch **(A)** pressed:
  - Wiper ON (continuous)
- Middle (centered) position **(B)**:
  - Intermittent wiper operation
- Bottom of switch **(C)** pressed:
  - Wiper OFF

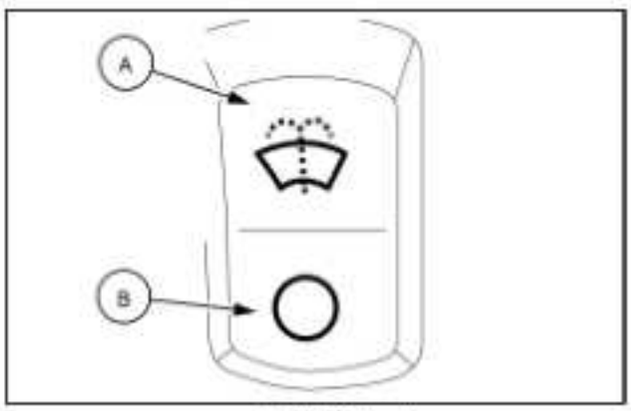


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(11) Windshield washer rocker switch.

This is a momentary switch:

- ON **(A)**
  - Washer fluid will be sprayed as long as the switch is pressed.
- OFF **(B)**

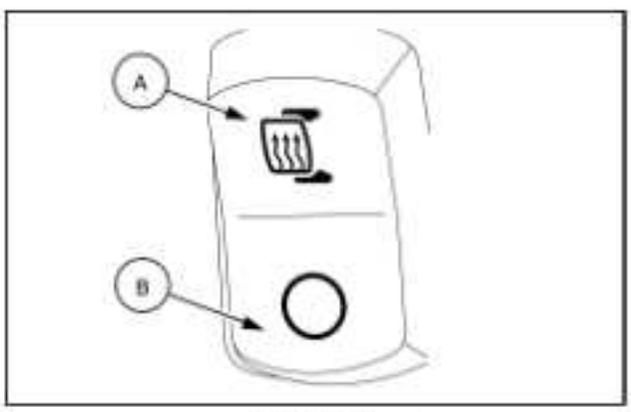


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(12) Spare.

(13) Heated mirror switch (if equipped).

- Press the top of the switch **(A)** to turn the heat on.
- Press the bottom of the switch **(B)** to turn the heat off.

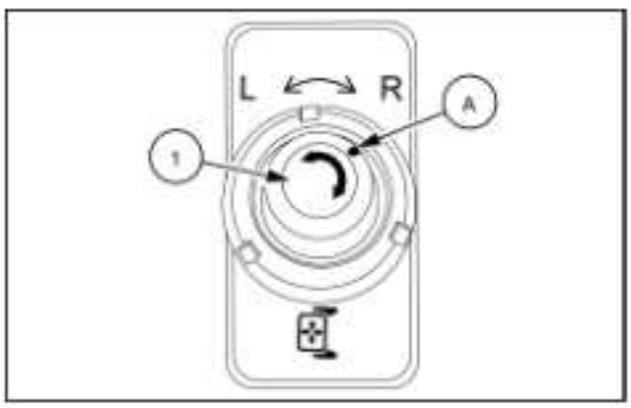


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(14) Powered mirror adjustment switch (if equipped).

Twist the center post **(1)** to the left or right to adjust that mirror.

- Indicator **(A)** pointing to the left:
  - Adjusts left hand mirror.
- Indicator **(A)** pointing to the right:
  - Adjusts right hand mirror.

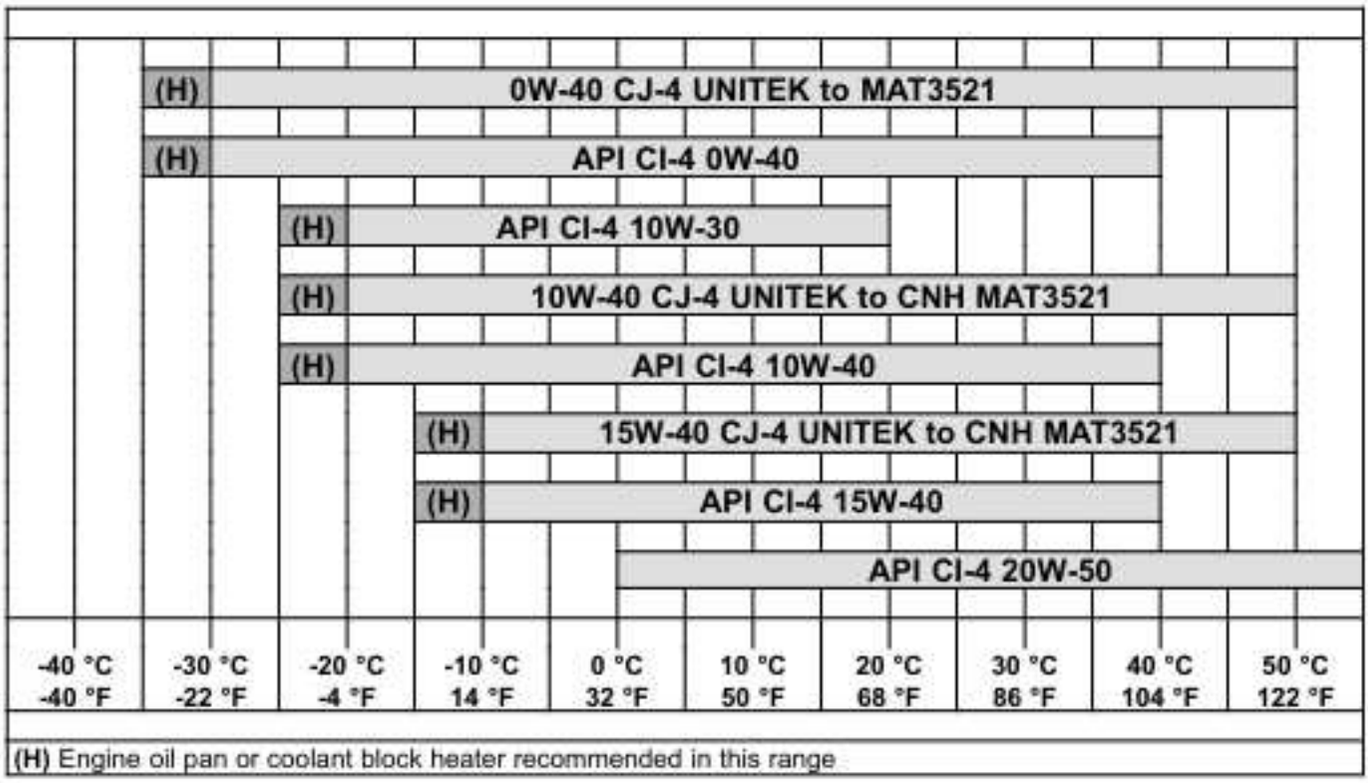


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Lubrication and oil specifications – Recommended operating temperature range

CJ-4 and CI-4 oils



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3. Install the new gasket in the top of the oil filter. The gasket must fit tight in the mouth of the filter. Install filter to head by turning clockwise by hand to make firm metal to metal contact with filter head. This will require up to three additional turns after initial contact.
4. Inspect the fluid level in the reservoir. Refer to **7-26**.

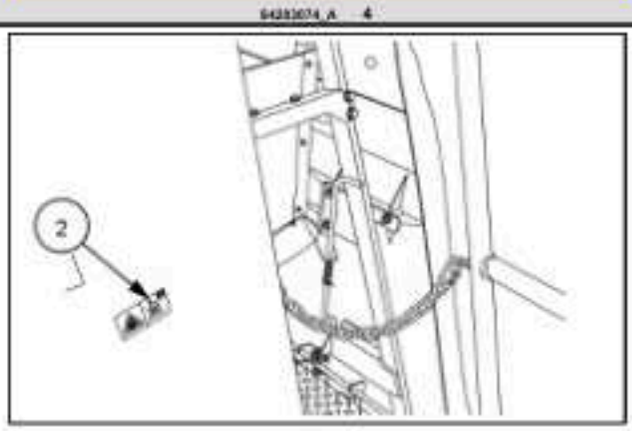
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Do not use Ether starting fluid.
An explosion may occur.
Quantity: 1
84203074



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(2) On the cooler box above the air cleaner



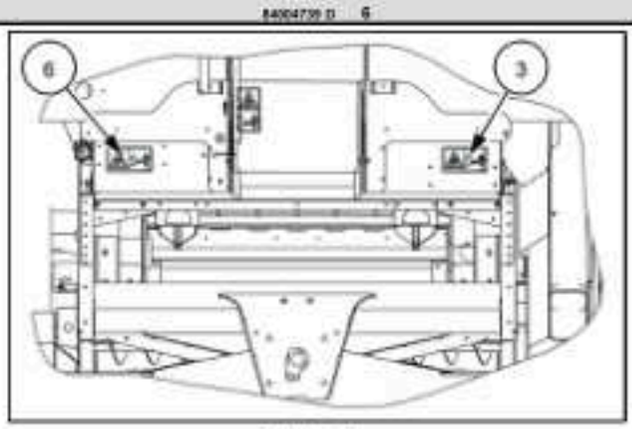
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Entanglement hazard
Stay clear of the spreader when machine is running
Quantity: 2
84004739



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(3) Above the right-hand side spreader
(6) Above the left-hand side spreader



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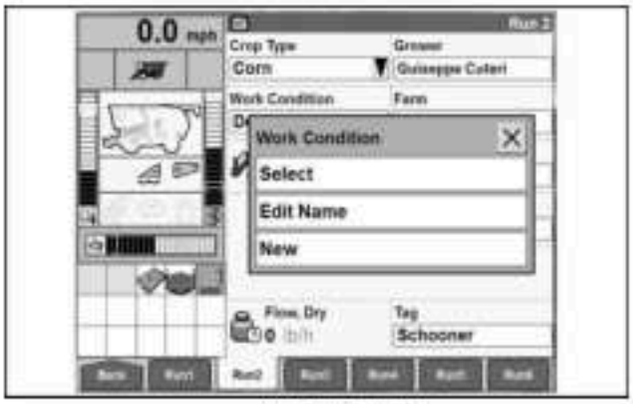
Step 6

Select your work condition.

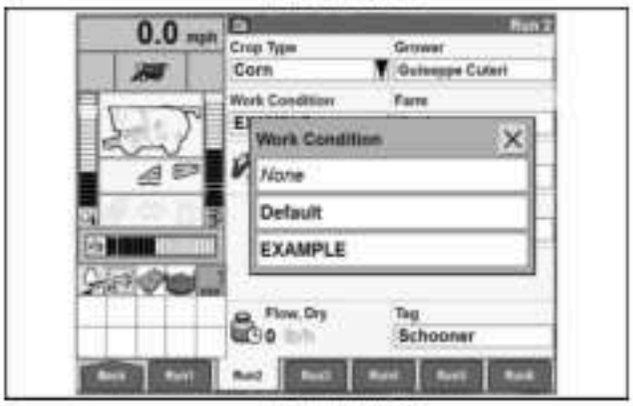
NOTE: *Up to 60 different work conditions can be made.*

- Selecting None is equivalent to turning ACS OFF.
- Selecting Default are the factory settings for the selected Crop Type.

  NOTE: *It is recommended to start with the default setting first and fine tune the setting from there.*
- User created work conditions can also be made.
- Use the edit name screen to input text for user created work and current conditions.



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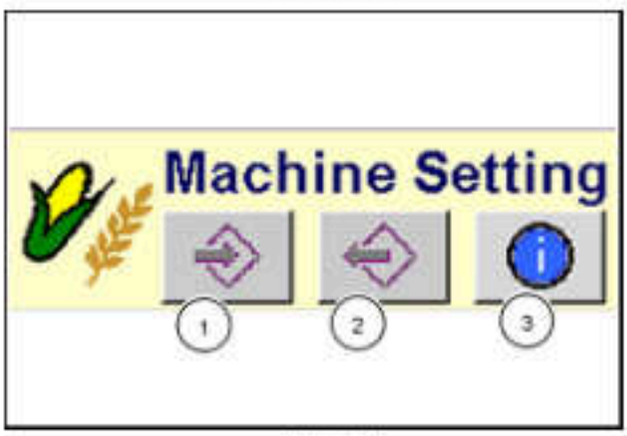
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Step 7

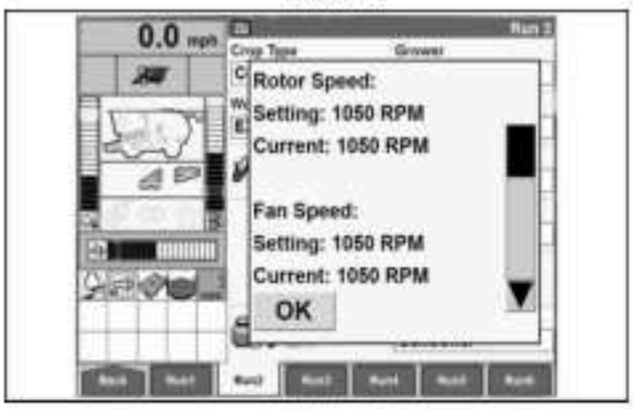
Three buttons in the AFS Pro 700 machine setting window control the complete system.

1. Work condition save - Saves the current machine settings to the current work condition. This is not active if the work condition is default and will be grayed out. It is also not active if machine settings are not different than the work condition. It can also be used to save machine settings to a user created work condition that will be used again in the future.
   Example: Save settings for wet condition then recall when in that crop condition again.
2. Work condition set/recall - Applies the machine settings from the current work condition. This must be selected to apply machine settings. It will not be active if machine settings match the work conditions.
   It is used to set the machine initially and to reset/recall previous machine settings if incorrect adjustments were made.
3. Work condition show info - Shows a snapshot of the current machine settings compared to the current work conditions.

   NOTE: *Current settings are adjusted to high idle no load regardless of current engine RPM, so the values may not match the screen.*



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CROP	Rotor speed		Module Configuration			Rotor Configuration					Cleaning Shoe Configuration						
			Concaves		Grates				Vane Settings			Chaffer Settings [Upper]				Shoe Settings [Lower]	
	Speed (RPM)	Gear Range	Clearance (mm)	Type (3)	Type	10° Square Rasp Bars 84317775	10° Square Rasp Bars 84317777	Straight Sep. Bars 87602594	Front	Rear	Fan Speed	Type (6)	Front	Middle	Rear	Type	Complete sieve setting
ALFALFA	650	2nd	5	SW	SLOTTED	10	50	0	Mid	Mid	500	1 1/8 closz	6	10	10	1 1/8 closz	
BARLEY	700	3rd	10	SW	SLOTTED	10	50	0	Mid	Mid	1000	1 1/8 closz	13	13	16	1 1/8 closz	10
BEANS																	
Edible (Navy, Pinto)	300	1st	15-25	LW or SLOTTED	SLOTTED	10	50	0	Mid	Mid	900	1 1/8 closz	13	13	13	1 1/8 closz	10
	400										1100	1 5/8 closz	3	10	10	1 5/8 closz	8
Lentils	700	3rd	10	SW	SLOTTED	10	50	0	Fast	Fast	800	1 1/8 closz	6	13	13	1 1/8 closz	6
CANOLA/RAPE	400	1st	20	SW	SLOTTED	10	50	0	Fast	Fast	600	1 1/8 closz	6	10	13	1 1/8 closz	2
GRASS																	
Bent **(4)**	900	3rd	0	SW	SLOTTED	10	50	0	Mid	Mid	450	1 1/8 closz	6	10	10	1 1/8 closz	2
Blue **(4)**	400	1st	7	SW	SLOTTED	10	50	0	Mid	Mid	500	1 1/8 closz	10	13	10	1 1/8 closz	8
Brome **(4)**	500	2nd	15	SW	SLOTTED	10	50	0	Fast	Fast	650	1 1/8 closz	16	19	19	1 1/8 closz	8
Rye **(4)**	650	2nd	20-25	SW	SLOTTED	10	50	0	Fast	Fast	450	1 1/8 closz	10	13	13	1 1/8 closz	6
CrestedWheat **(4)**	700	3rd	10	SW	SLOTTED	10	50	0	Mid	Mid	650	1 1/8 closz	10	10	4.5	1 1/8 closz	5
WhiteClover **(4)**	900	3rd	0	SW	SLOTTED	10	50	0	Mid	Mid	500	1 1/8 closz	10	13	13	1 1/8 closz	2
CORN **(1)** Dry(< 20%)	400	2nd	15-25	LW or RB	BAR	10	40	10	Mid	Mid	1000	1 5/8 closz	13	13	16	1 5/8 closz	10
	500										1200	1 5/8 corn	10	13	16	1 5/8 closz	10
CORN **(1)** Wet(>20%)	300	1st or 2nd	15-25	LW or RB	BAR	10	40	10	Mid	Mid	1000	1 5/8 closz	13	13	16	1 5/8 closz	13
	450										1200	1 5/8 corn	10	13	16	1 5/8 closz	13
FLAX	850	3rd	5	SW	SLOTTED	10	50	0	Mid	Mid	500	1. 1/8	6	6	13	1 1/8 closz	3
MAIZE/MILO	450	2nd	15	LW	BAR	10	50	0	Mid	Mid	1100	1 1/8 closz	10	13	13	1 1/8 closz	8
											1100	1 5/8 closz	3	6	6	1 5/8 closz	3
MUSTARD	300	1st	20	SW	SLOTTED	10	50	0	Fast	Fast	800	1 1/8 closz	13	13	13	1 1/8 closz	2
OATS	600	2nd	15	LW	SLOTTED	10	50	0	Mid	Mid	780	1 1/8 closz	13	13	16	1 1/8 closz	10
POPCORN **(1)**	400	1st	5-15	LW or RB	BAR	0	50	10	Slow	Slow	970	1 5/8 closz	10	10	13	1 5/8 closz	6
												1 5/8 corn	4	6	6	1 5/8 closz	4
PEAS- Black Eyed	300	1st	10	LW	BAR	10	50	0	Fast	Fast	700	1 1/8 closz	13	13	13	1 1/8 closz	10
RICE																	
California	850	3rd	10	LW	BAR	60	0	0	Mid	Mid	880	1 1/8 closz	10	10	13	1 1/8 closz	8
Delta	850	3rd	10	LW	BAR	60	0	0	Mid	Mid	880	1 1/8 closz	10	10	13	1 1/8 closz	8
Wild Rice	600	2nd	5	LW	BAR	60	0	0	Mid	Mid	850	1 1/8 closz	13	13	13	1 1/8 closz	14
Stripper Head	1000	3rd	10	LW	BAR	60	0	0	Mid	Mid	880	1 1/8 closz	10	10	13	1 1/8 closz	8
Austrailia	850	3rd	10	LW	BAR	60	0	0	Mid	Mid	880	1 1/8 closz	10	10	13	1 1/8 closz	8
Europe	850	3rd	10	LW	BAR	60	0	0	Mid	Mid	880	1 1/8 closz	10	10	13	1 1/8 closz	8
SAFFLOWER	300	1st	20	LW	BAR	10	50	0	Fast	Fast	800	1 1/8 closz	10	13	16	1 1/8 closz	8
SOYBEANS **(1), (5)**	350-650	1st or 2nd	15-20	LW or RB	BAR	10	50	0	Mid	Mid	1050	1 1/8 closz	13	16	16	1 1/8 closz	10
	700 option										1150	1 5/8 closz	0	6	6	1 5/8 closz	3
											1150	1 5/8 corn	3	10	13	1 5/8 closz	10
SUNFLOWER	300	1st	25	LW	SLOTTED	10	50	0	Mid	Mid	770	1 1/8 closz	10	13	16	1 1/8 closz	8
WHEAT	1050	3rd	10	SW	SLOTTED	10	50	0	Mid	Mid	1050	1 1/8 closz	6	13	13	1 1/8 closz	6

(1)	When conditions allow, it is recommended that modular straight bars be replaced with either standard or spiked rasp bars to reduce horsepower consumption in the rotor area.
(2)	Tough straw conditions may require the use of spiked bars in the grate area to increase separation. Rotor loss may require the use of modular straight bars in the grate area to increase separation.
(3)	LW - Large Wire **6.4 mm** (**1/4 in**) Diameter; SW - Small Wire **4.76 mm** (**3/16 in**) Diameter. RB = Round bar
(4)	Use of non-spiked rasp bars in all positions is recommended for most grass seed harvest conditions. Spiked bars may be helpful in extremely damp crops. Rotate cleaning fan cutoff rearward to the vertical position to reduce air volume.
(5)	Some soybeans may require rotor speeds up to **700 RPM** or more.
(6)	The front portion of the chaffer sieve is by design, to be set slightly more closed than the rest of the sieve.

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