

# D50/60 Self-Propelled Windrower Quick Card

Note: The following settings are a suggested starting point and may require fine tuning as the crop and field conditions dictate.

Crop Type	Stubble Height	Crop Condition	Divider Rods	Header Angle <sup>1</sup>	Knife Speed <sup>2</sup>	Reel Tine Pitch <sup>3</sup>	Reel Speed <sup>4</sup>	Reel Position <sup>5</sup>	Skid Shoe Position <sup>6</sup>	Stabilizer Wheels	Upper Cross Augers	Float <sup>7</sup>
Cereals	0" (ground level)	Light	on	Shallow	High	2	10% - 15%	6 or 7	1 or 2	Storage	Not Required	70 lbs
		Normal	on	Shallow	Middle	2	10%	6 or 7	1 or 2	Storage	Not Required	70 lbs
		Heavy	on	Middle	Middle	2	10%	6 or 7	1 or 2	Storage	Not Required	70 lbs
		Lodged	on	Middle	Middle	2 or 3	5% - 10%	6 or 7	1 or 2	Storage	Not Required	70 lbs
	4-8 inches	Light	on	Shallow	High	2	10% - 15%	6 or 7	2 or 3	Variable	Not Required	70 lbs
		Normal	on	Shallow	Middle	2	10%	6 or 7	2 or 3	Variable	Not Required	70 lbs
		Heavy	on	Variable	Middle	2	10%	6 or 7	Variable	Variable	Not Required	70 lbs
		Lodged	on	Steep	Middle	3 or 4	5% - 10%	1 to 4	Variable	Variable	Not Required	70 lbs
	10+ inches	Light	on	Middle	High	2	10% - 15%	6 or 7	Not Applicable	Variable	Not Required	150 lbs
		Normal	on	Middle	Middle	2	10%	6 or 7	Not Applicable	Variable	Not Required	150 lbs
		Heavy	on	Variable	Middle	2	10%	6 or 7	Not Applicable	Variable	Not Required	150 lbs
		Lodged	on	Steep	Middle	3 or 4	5% - 10%	1 to 4	Not Applicable	Variable	Not Required	150 lbs
Canola	4-8 inches	Light	on	Steep	Middle	1 or 2	5%-10%	6 or 7	Variable	Variable	Not Required	70-100 lbs
		Normal	on	Steep	Low	1 or 2	10%	6 or 7	2 or 3	Variable	Not Required	70-100 lbs
		Heavy	on	Steep	Low	1 or 2	10%	3 or 4	Variable	Variable	Recommended	70-100 lbs
		Lodged	on	Steep	Low	1 or 2	5% - 10%	3 or 4	2 or 3	Variable	Recommended	70-100 lbs
	10+ inches	Light	on	Steep	Middle	1 or 2	5% - 10%	6 or 7	Not Applicable	Variable	Not Required	150 lbs
		Normal	on	Steep	Low	1 or 2	10%	6 or 7	Not Applicable	Variable	Not Required	150 lbs
		Heavy	on	Steep	Low	1 or 2	10%	3 or 4	Not Applicable	Variable	Recommended	150 lbs
		Lodged	on	Steep	Low	1 or 2	5% - 10%	3 or 4	Not Applicable	Variable	Recommended	150 lbs
Flax	2 - 6 inches	Light	on	Variable	High	2	5% - 10%	6 or 7	2 or 3	Variable	Not Required	70-100 lbs
		Normal	on	Variable	High	2	10%	6 or 7	2 or 3	Variable	Not Required	70-100 lbs
		Heavy	on	Variable	High	2	10%	6 or 7	2 or 3	Variable	Not Required	70-100 lbs
		Lodged	on	Variable	High	2	10%	6 or 7	2 or 3	Variable	Not Required	70-100 lbs
Edible Beans	0" (ground level)	Light	off	Steep	Middle	2	5%-10%	6 or 7	1 or 2	Storage	Not Required	100 lbs
		Normal	off	Steep	Middle	2	5%-10%	6 or 7	1 or 2	Storage	Not Required	100 lbs
		Heavy	off	Steep	Middle	2	5%-10%	6 or 7	1 or 2	Storage	Not Required	100 lbs
		Lodged	off	Steep	Middle	3	5%-10%	6 or 7	1 or 2	Storage	Not Required	100 lbs
Grass	0" (ground level)	Light	on	Variable	High	1 or 2	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Normal	on	Variable	High	1 or 2	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Heavy	on	Variable	High	1 or 2	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Lodged	on	Variable	High	1 or 2	10%-15%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
Alfalfa	0" (ground level)	Light	on	Variable	High	3	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Normal	on	Variable	High	2	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Heavy	on	Variable	High	2	10%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs
		Lodged	on	Variable	High	2 or 3	10%-15%	6 or 7	1 or 2	Storage	Not Required	70-100 lbs

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Note: The following settings are a suggested starting point and may require fine tuning as the crop and field conditions dictate.

## <sup>1</sup>Header Angle

Hydraulic center link allows Header angle to be read on the Cab Display as range of 0 (shallow guard angle) to 10 (steep guard angle). Steeper guard angles, with center link extended allow for lower to the ground cutting, and more aggressive feeding in lodged crop. Move reel rearward when tilting header forward, and forward for shallow header angles.

## <sup>2</sup>Knife Speed See Figure 1

Due to different header size and drives, suggested knife speeds are labeled as either high, middle or low. Use Figure 1 to identify the knife speed range your header falls into, and adjust the knife speed accordingly.

## <sup>3</sup>Reel Tine Pitch See Figure 2

Turn cam latch pin (A) to unlock cam disc. Use wrench on bolt (B) until latch pin lines up with appropriate Cam setting (C) Increase tine pitch to push crop rearward on draper when reel fore/aft is in positions 1 to 4 to leave taller stubble. Decrease tine pitch when reel fluffs up crop too much or releases too high on drapers.

## <sup>4</sup>Reel Speed

Reel speed is read on the Cab Display in Mph/Kmph. Reel should run suggested percentage value greater than operating ground speed.

## <sup>5</sup>Reel Fore/Aft Position See Figure 3

Use back edge of reel cam disc as a gauge against decals installed on the reel support arm. Tall-standing crops and/or cutterbar on ground - center reel over cutterbar (5-8) Leaning or lodged crop with cutterbar off ground - move the reel ahead of cutterbar (1-4)

## <sup>6</sup>Skid Shoe Position See Figure 4

Remove lynch pin (D), disengage pin (F) from frame and move skid shoe to desired position. #1 Pin installed in top hole, skid shoe is raised, resulting in lower cutting level. #3 Pin installed in bottom hole, skid shoe is lowered, resulting in higher cutting level.

## <sup>7</sup>Float

Recommended float setting for D-Series header is 50-70 lbs. Rocky conditions, or cutting at faster ground speeds, may require that floatation be set heavier, to prevent excessive header movement.

## Draper Speed

Draper Speed is to be set based on ground speed, crop mass and volume. Faster ground speeds or heavier crop may require increased draper speeds to convey material. Slower ground speed or lighter crop may require slower draper speeds to prevent crop from being overthrown.

Figure 1 D-Series Knife Speeds

SP CONFIGURED D50/D60 KNIFE SPEEDS			
HEADER TYPE		Knife Speed (SPM)	
Size	Knife	Min	Max
15'	DK Draper	1500	1900
20'	SK Draper	1200	1500
20'	DK Draper	1400	1700
25'	SK Draper	1200	1500
25'	DK Draper	1400	1700
30'	SK Draper	1200	1400
30'	DK Draper	1200	1600
35'	SK Draper	1100	1300
35'	DK Draper	1200	1500
40'	SK Draper	1050	1200
40'	DK Draper	1100	1400
45'	SK Draper	1100	1300

Figure 2 Reel Tine Pitch Adjustment

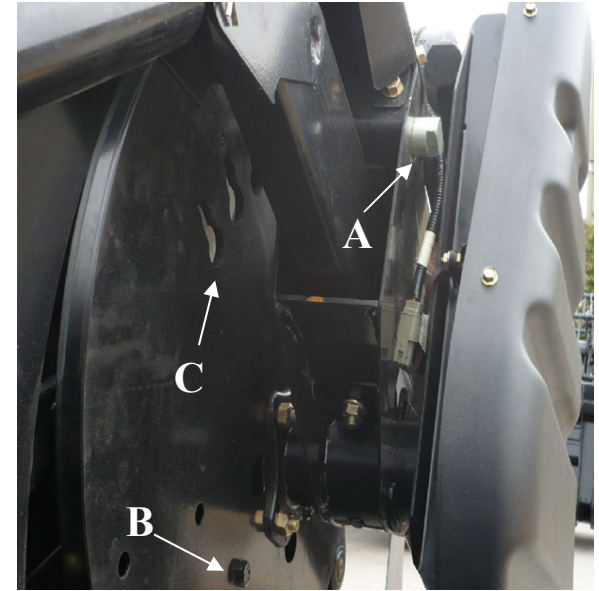
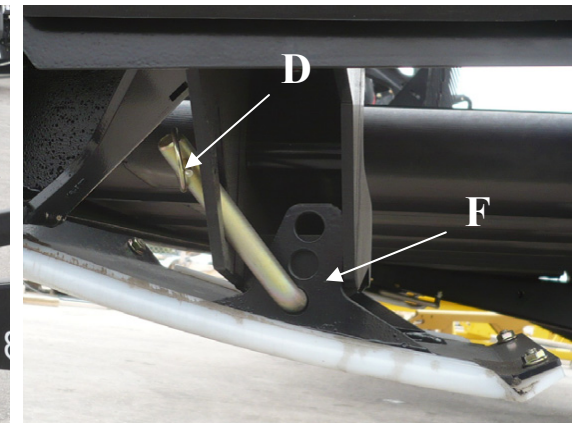


Figure 3 Reel Fore/Aft Position



Figure 4 Skid Shoe Position



**IMPORTANT - For windrowers with Reverser Kit B4656:** To prevent draper header reel damage and improper operation: If switching between A40 Auger Header and Draper Header, hose plumbing to reverser valve must be changed to suit header type. See Instruction 169213 for proper plumbing for each header type.