2010, 2020 Grain Heads

Repair Manual

87040408

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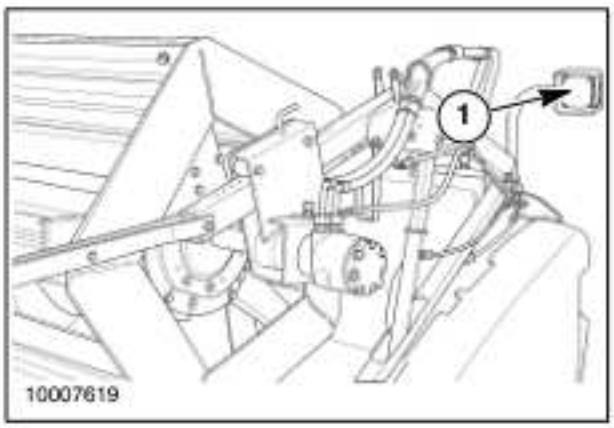
TROUBLESHOOTING
GENERAL

PROBLEM	POSSIBLE CAUSE	CORRECTION
Grain loss ahead of cutter bar.	Reel speed not coordinated with ground speed.	Adjust the reel speed so the reel is traveling slightly faster than ground speed.
	Reel not being operated at correct height.	Normally the reel should be adjusted so it contacts approximately 1/3 of the top portion of the head and stem.
	Ground speed too fast for crop conditions.	Slow down until crop is fed smoothly into the reel and cutter bar.
	Low-growing or down crops not cut.	Lower the head.
	Head too high.	Lower the head so the stems will be cut long enough for a smooth feed into the auger.
	Knife sections dull or broken	Sharpen or replace sections.
	Guards worn.	Replace guards.
	Knife hold-down clips misaligned.	Shim the hold-down clips for 0.1 mm - 0.5 mm (0.005 - 0.020") clearance to sickle.
Cut crop builds up and falls in front of the cutter bar.	Reel not adjusted low enough for proper delivery of cut material.	Set reel low enough to sweep material from the cutter bar to the auger.
	Reel adjusted too far forward.	Move the reel back so the crop is delivered to the auger smoothly.
	Clearance is too great from platform to auger bottom.	For normal operations, the auger flights should be approximately 9.5 mm (3/8") from the floor. In extra-heavy crops, this distance should be increased slightly. In very light crops, it may be necessary to decrease the distance.
	Cutting platform too high resulting in very short stems on heads.	Lower the head so more straw moves through the machine.
	Reel speed too slow.	Increase reel speed.
	Short, light crop.	Install optional reel flap bundle.
		Increase ground speed.

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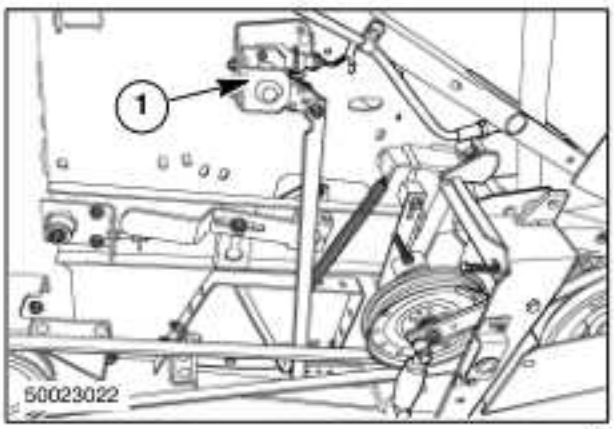
The header electrical system includes flashers, automatic head height control potentiometers, a header type sensor, and a wire harness to connect these items to the combine. Wiring schematics for repair and troubleshooting are available in the combine Repair Manuals.

The flashers, 1, are located on both sides of the head



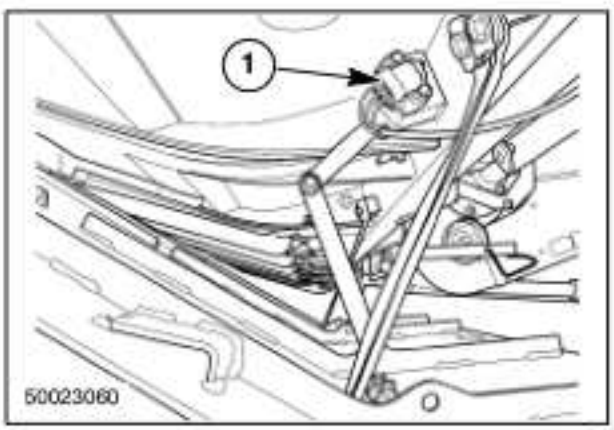
1

On the 2020 heads, the head height control potentiometers, 1, are located on both sides of the head.



2

On the 2010 heads, the head height control potentiometers, 1, are located between the head and the left and right end protection plates.



3

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