

SERVICE BULLETIN

MANDATORY

FIX ON FAILURE

INFORMATION ONLY

Ref: SRV-020-006

Date: 9-9-20

Product: 200 Series AirFlex, SDX and Grain Belt Headers

Re: Reel Speed Issues Fendt/Ideal Combines

Note: The Model Year 2021 units will have this change made. This bulletin applies to Model Year 2020 and below

Problem:

Fendt Combines:

Phantom reel speed will appear on the combine monitor with the header turned off. When reel speed is displayed on the combine monitor the operator can not engage the header without disconnecting the reel speed sensor on the header.

- The reel speed will not calibrate so the auto reel speed will not work.

Solution:

On the multi-coupler harness that connects the combine to the relay control panel, Figure 1 and 2, there is a ground wire on this harness in the wrong location. To repair the harness, it will require a Deutsch connector pin removal tool.

- On the 31-pin connector that attaches to the combine wire harness, Y501, remove pin #7 from the connector and tape it back to the harness. Figure 3.
- Remove pin #3 from the connector and move it to the #7 hole in the connector. Figure 4.
- This will work for both brand of combines by having the right ground signal go to the combine.



Figure 1

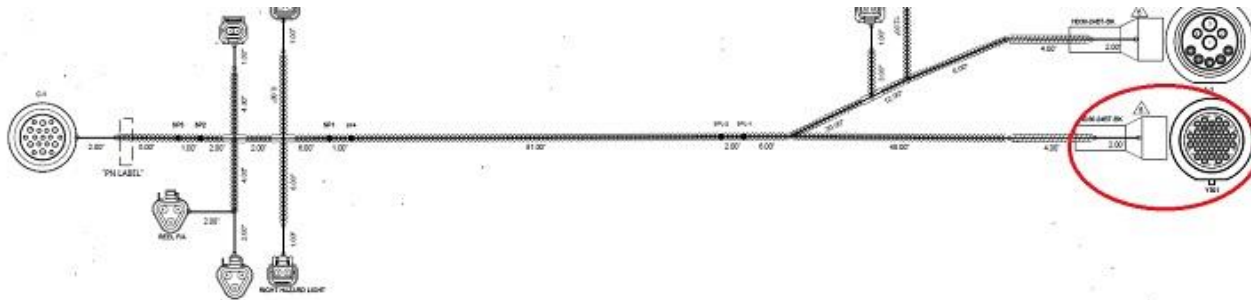


Figure 2

Name: Y501
Conn PN: HD34-24-31PT-B019

Cav	No.	Col.	Spec	Type	Cavity Plug	Cav	No.	Col.	Spec	Type	Cavity Plug
1	F/O 1	YLW	16AWG	GXL	-	17	REEL ENA 1	PUR	18AWG	GXL	-
2	-	-	-	-	114017	18	REEL ENA 1	PUR	18AWG	GXL	-
3	GND SEN1	BLK	18AWG	GXL	-	19	-	-	-	-	114017
4	-	-	-	-	114017	20	-	-	-	-	114017
5	GND-1	BLK	16AWG	GXL	-	21	-	-	-	-	114017
6	IGN-CMB	BLU	18AWG	GXL	-	22	-	-	-	-	114017
7	GND SEN3	BLK	18AWG	GXL	-	23	-	-	-	-	114017
8	-	-	-	-	114017	24	-	-	-	-	114017
9	A/O 3-2	YLW	18AWG	GXL	-	25	12V-PWR	RED	16AWG	GXL	114017
10	A/O 1-2	YLW	18AWG	GXL	-	26	-	-	-	-	114017
11	-	-	-	-	114017	27	-	-	-	-	114017
12	-	-	-	-	114017	28	-	-	-	-	114017
13	-	-	-	-	114017	29	-	-	-	-	114017
14	-	-	-	-	114017	30	-	-	-	-	114017
15	RT/HZRD-1	RED	16AWG	GXL	-	31	-	-	-	-	114017
16	LT/HZRD-1	RED	16AWG	GXL	-						

Figure 3

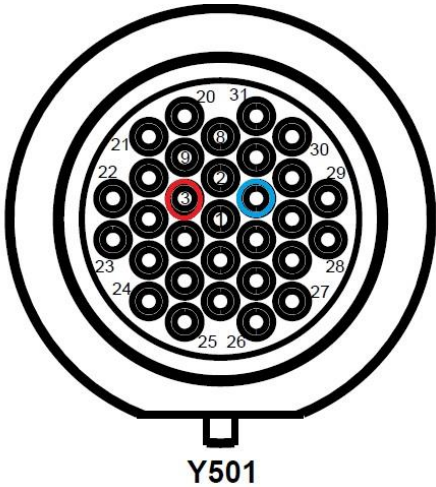
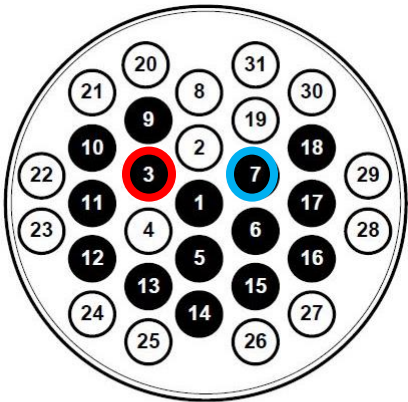


Figure 4

Grain Belt Headers

On the Grain Belt Header the same wires will need to be switched. The following is a diagram of the wires that need to be changed on these headers. Figure 5



VIEW FROM WIRE SIDE OF PLUG

AGCO - 07 (Multi-coupler)

- 17 - Recognition Wire - Brown
- 18 - Recognition Wire - Brown
- 6 - H/H Sensors - Power - White
- 7 - H/H Sensors - Ground - Black
- 9 - H/H Sensor - RH Signal - Red
- 10 - H/H Sensor - LH Signal - Green
- 1 - Reel Speed - White
- 3 - Reel Speed - Black
- 11 - Fore / Aft - White
- 12 - Fore / Aft - Red
- 13 - Fore / Aft - Green
- 14 - Fore / Aft - Brown
- 15 - Lights - RH - Green
- 16 - Lights - LH - Yellow
- 5 - Lights - Ground - White

Figure 5

Ordering Information:

No Parts needed

Labor Allowance: None