




AG3000 Vehicle Parameters

Inputting correct vehicle parameter values for Gleaner and Axial combines


The screenshot shows the combine's control display with the following elements:

- Top Row:** Three status boxes labeled "Crosstrack", "Speed", and "Accuracy". "Crosstrack" shows a green arrow and a scale. "Speed" shows "0.0 mph" with a tractor icon. "Accuracy" shows "39.3 in" with a target icon.
- Left Side:** A vertical column of icons including a folder, a steering wheel, and a red button.
- Right Side:** A vertical column of icons including "AUTO", a wrench, a green field, a bar chart, a globe, a factory, a satellite, "WAAS", and "GNSS".
- Bottom Row:** An "Esc" button, a green "WAAS" button, a green "GNSS" button with a "9" in the top right corner, a "Crosstrack" box with a scale, and a red steering wheel button.


Below the screenshot, a list item indicates:

- Select the wrench icon 

The screenshot shows a vertical menu with four main sections. The top section is 'Steering Response' with a bar chart icon. The second section is 'GPS Drift Compensation' with a road and arrows icon. The third section is 'Basic / Advanced' with a person at a control panel icon and the text 'User Mode: Advanced'. The bottom section is 'Vehicle' with a tractor icon and the text 'Profile: combine'. On the left side, there are several icons: a home icon, a folder icon, a red steering wheel icon, and an 'Esc' button. On the right side, there are icons for 'AUTO', a bar chart, a road with arrows, a person at a control panel, a tractor, and a downward arrow.

- Press the "Vehicle Profile" icon 

The screenshot shows the 'Vehicle' settings menu. The top section is titled 'Vehicle' and contains the text 'combine'. Below this is a large empty yellow area. On the left side, there are icons for a home icon, a tractor icon, a folder icon, a red steering wheel icon, and an 'Esc' button. On the right side, there are icons for a blue left arrow, a yellow pencil, a tractor with a green plus sign, and a folder icon.

- Select the "Edit" icon 

13:16 Vehicle
combine

A	145 in
B	0 in
C	0 in
D	205 in
E	155 in
F	28 in
G	78 in

- Input the correct parameters for letters "A-G"
 - Reference Table 1
- Select the remote antenna icon to insert three additional values

13:23 Vehicle
combine

External

-55 in Antenna behind (H)

0 in (Use this value)

195 in Distance to ground (J+E)

- In order to edit the values, ensure "External" is inserted in the drop down menu
- Input the correct parameters for "H" & "J+E"
 - Reference Table 1
- Select the green check

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Table 1

Combine Model		S78	S88	S68	GL Average	9540	9560	Axial Average
Front Tire Size		480/80/42	620/70/38	800/65/32		620/70/42	480/80/42	
Rear Tire Size		480/80/26	580/70/26	580/70/26		750/65/26	620/75/26	
Wheel Base	A	133.25	133.25	133.25	133	144.875	144.875	145
Rear Hitch Length	B	0	0	0	0	0	0	0
GPS Receiver	C	0	0	0	0	0	0	0
Rear Axle to Receiver	D	200.25	200.25	200.25	200	204.5	204.5	205
Receiver Height	E	146.5	147	148.25	147	154.5	155	155
Rear Axle Height	F	25	24.75	25.5	25	28.5	28.25	28
Front Axle to Front of Feed House	G	71.75	71.75	71.75	72	77.5	77.5	78
Distance from Receiver to Remote Antenna	H	-44.5	-44.5	-44.5	-45	-54.5	-54.5	-55
Height of Remote Antenna	J+E	177.75	177.25	181.25	179	194	195	195