ISOBUS Setup for ZA-TS & ZA-V

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Drop Point Actuators

Rate Actuators

- Step 1 Confirm connection to ISOBus device
 - \circ ~ Enable VT plugin on the Configuration Screen
 - \circ ~ Select VT plugin and press Setup
 - \circ $\;$ Select Port A or B matching the connection of the ISOBus device
 - Press OK to return to the Configuration Page
 - Press Diagnostics to confirm connection to device

Virtual Terminal 💿				
-	ZA-TS			
	Job number	1		
	Application rate	400 <u>kg</u> ha		
	Calibration factor	1.00		Ŷ
	Working width	20.0 m		1
Close				Ack

If VT is not visible check cabling.

- Step 2 enable speed sources
 - o Press close to return to the Configuration menu
 - Highlight GPS receiver and press Setup, GPS Output, CAN GPS
 - Setup the message formats for the speed detection, enable both wheel speed and ground speed.
 - $\circ~$ GPS Speed as at FMX v8.0.1 and Amazone ECU v 1.06.01 is not used

GPS Output Settings			Q		
Serial NMEA Messages	CAN GPS				
Output	Port	Rate			
GPS Speed	A (ext GPS)	Off 🗨			
Simulated Speeds (based on GPS position data):					
Wheel Speed	A (ext GPS) 💌	On 💌			
Radar/Ground Speed	A (ext GPS)	On 💌			
Cancel		0	к		

- Step 3 Confirm that forward speed is detected
 - o Return to FMX configuration, highlight Virtual Terminal and select diagnosis

0	Neturi					lagilusis
0	Press		1			
			3			
0	Press			and navigate to page " 2 / 3 "		
	Virtual Terminal				Ō	
		-	Configure key assignment			2 / 3
				Configure multi-function display		
			+/-	Quantity step 10 %	1	
				Configure the speed source		
				O Configure ISOBUS	7	
				Service spreader		

• Press configure the speed source and choose either Wheel (wl) or Ground Speed Radar (Earth)

Virtual Terminal				
-		Configure the speed source		÷
	ф	Speed source	Wl (ISOBUS)	
	Earth (ISOBUS Wl	5)		
	Simula	ted		
	Canc	el	ОК	

Return using the red left arrow to page " 2 / 3 " and select configure ISOBUS

Virtual Te	erminal		١
-	ISO Configure ISOBUS	←	
	UT number 1		
	I dentify Change		
	ISO TaskController 🗸		
Close			Ack

- \circ $\;$ If the FMX is to be used as a Task Controller then "Task Controller Client" must be ticked
- Step 4 Configure TC
 - o Close the VT window and in configuration enter the Task Controller Diagnostics
 - Verify a device is connected (please note it may take 1-2 minutes for this screen to receive all the implement settings or if implement settings such as spread width have been changed.

Task Control Diagnostics	Task Control Diagnostics
Connection Sections	Connection Sections
CAN Connection Connected	Number of Sections 6
Device Amazone ZA-TS	Section Number 1 2 3 4 5 6
Serial Number 3004802003 V07021	Width 4.50 m 4.50 m 4.50 m 4.50 m 4.50 m 4.50 m
Software Version V1.06.01	
ок	ОК

Note :

- This machine was configured to 36m and reported 8 equal sections at 4.5m each, if the implement spread width was changed then the information updated to the new spread width with each section 1/8th of the full implement width.
- No Target rate is displayed on the work screen unless vehicle is moving and spreading.
- Controller does not like a 0 rate, this causes a VT error which needs to be acknowledged.

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• Step 5b – Run Screen (Functioning)



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ASC running vi a TC with VRA Map in background

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Target rate and VRA map running with machine not spreading, 0 applied rate correctly received