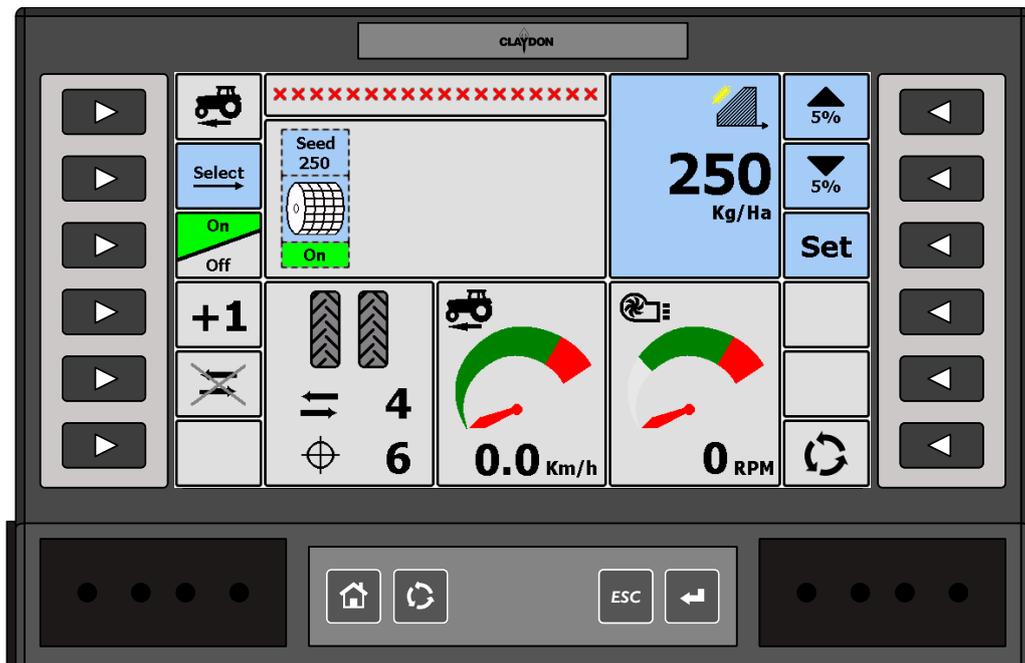


ISOCAN Control System

SERVICE BULLETIN ISOCAN MEMORY LOSS CORRECTION GUIDE



DOC0008

REV-00

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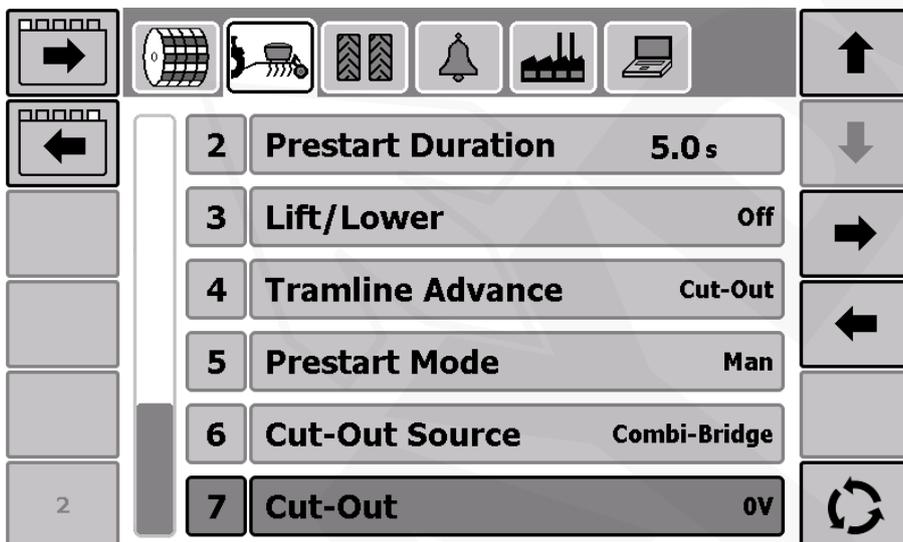
It has been brought to our attention that there is a growing issue with the ISOCAN system losing memory when left in storage for extended periods of time. The effected factors are the fan speed PPR, metering unit shaft conformation PPR, cut-out source, and speed source.

The most obvious symptoms are incorrect fan speed, under and over seeding, incorrect seeding mode (start/stop reversed), and incorrect forward speed.

This service bulletin will help you to check and reset the factors. if you find any of the settings have changed, please note the machine and serial numbers and inform us at claydon HQ.

Checking and resetting the forward speed and start/stop factors

STEP 1

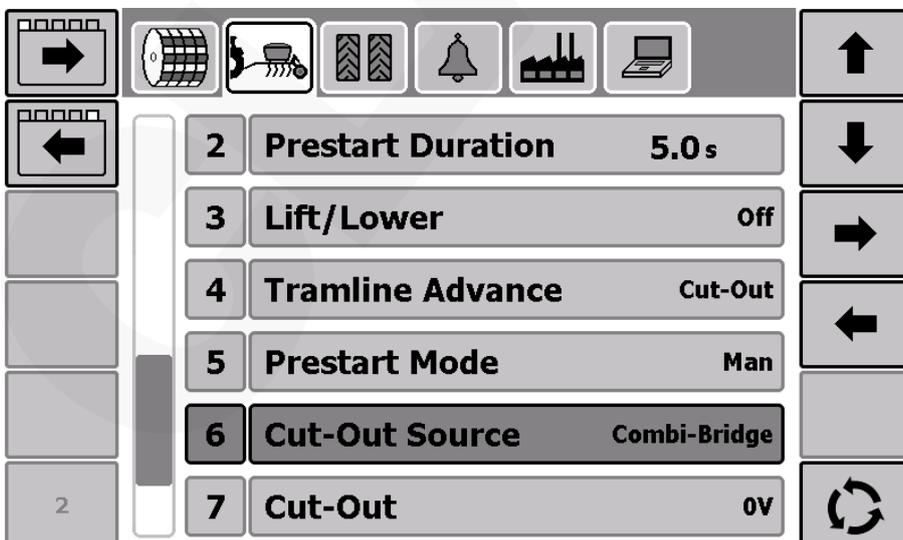


With the screen on and showing the main screen, scroll



to the screen shown here on the left.

STEP 2

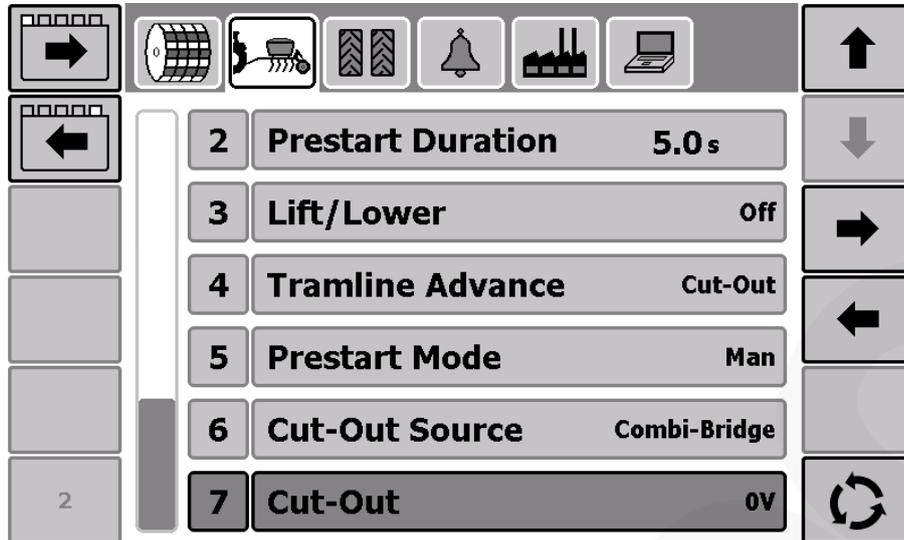


Scroll down to “Cut Out Source” and check the factor is correct for the type of drill. if your drill is the late type fitted with the combi-bridge system then the source needs to be

“Combi-Bridge”

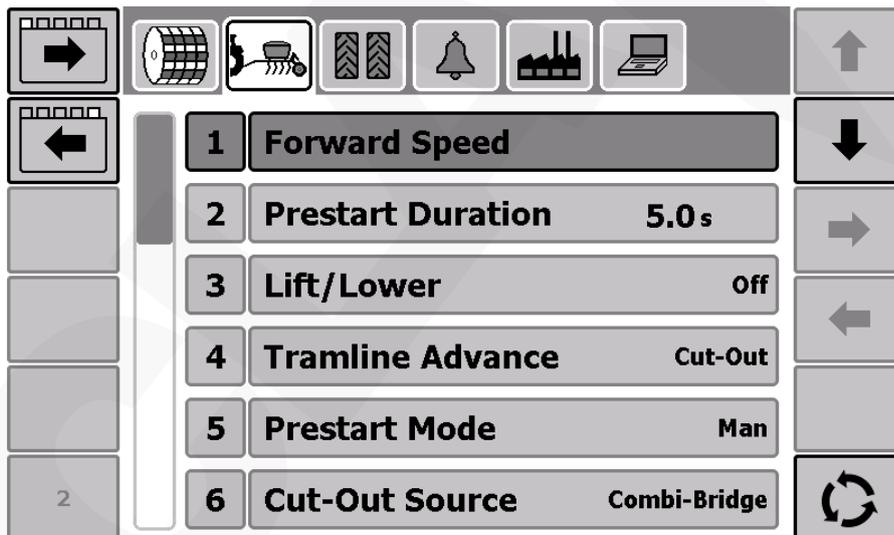
If the system is the older “MCM” system then the source needs to be “MCM”

STEP 3



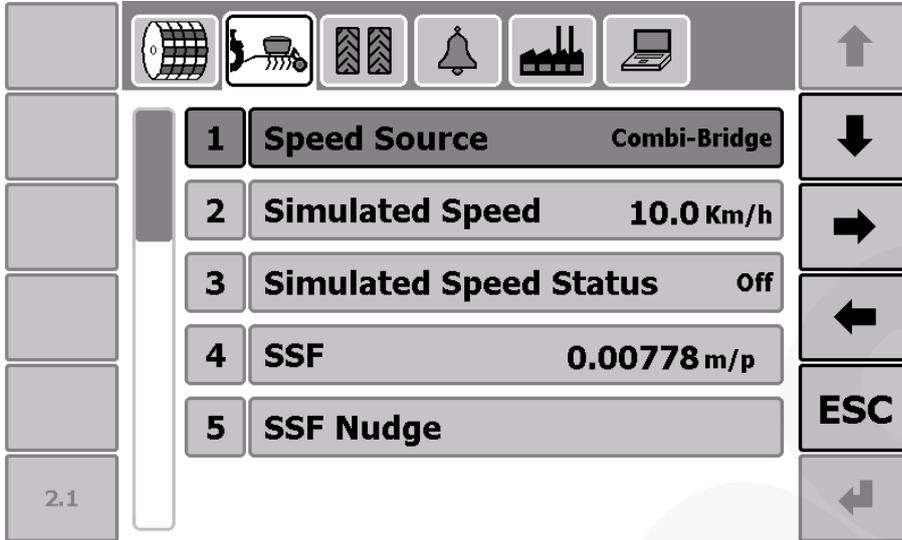
Now check that the “Cut-Out is set correctly. for trailed machines the factor should be “0V”
For mounted drills the factor should be “5V”

STEP 4



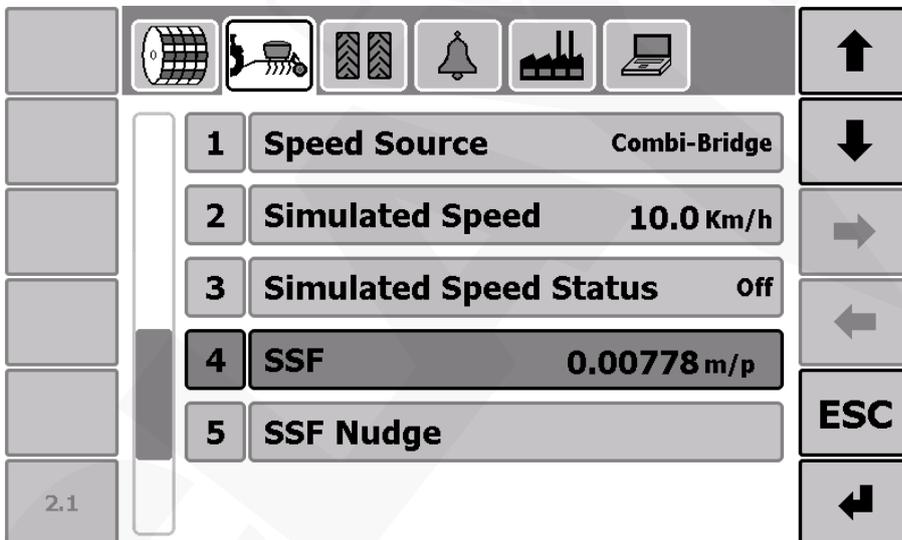
Now check the forward speed source. On this page double tap on “forward speed”

STEP 5



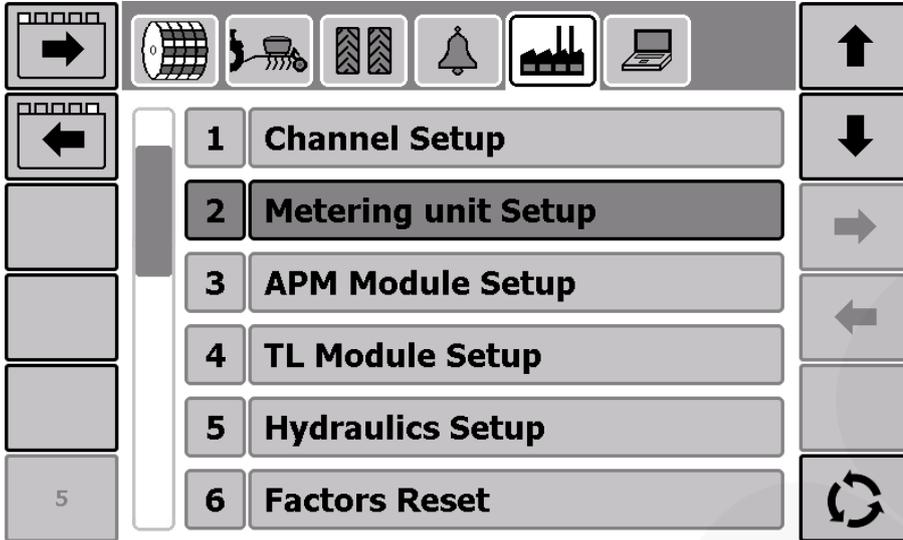
Check that the speed source is set to, "combi-bridge"

STEP 6



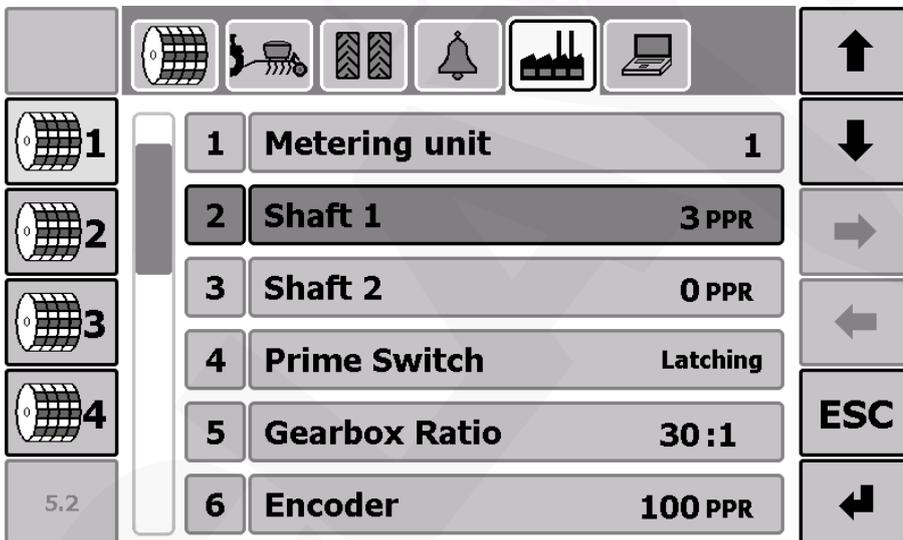
Now check that the "SSF" is set to, "0.00778"

STEP 7 **Checking and resetting the metering unit and fan settings**



On the factory page, double tap on, “metering unit setup”

STEP 8



Now check that shaft I is set to,

“3PPR”

STEP 9

						↑
	1	Metering unit	2			↓
	2	Shaft 1	3 PPR			→
	3	Shaft 2	0 PPR			←
	4	Prime Switch	Latching			ESC
5.2	6	Encoder	100 PPR			↩

Do the same for metering unit 2 if fitted.

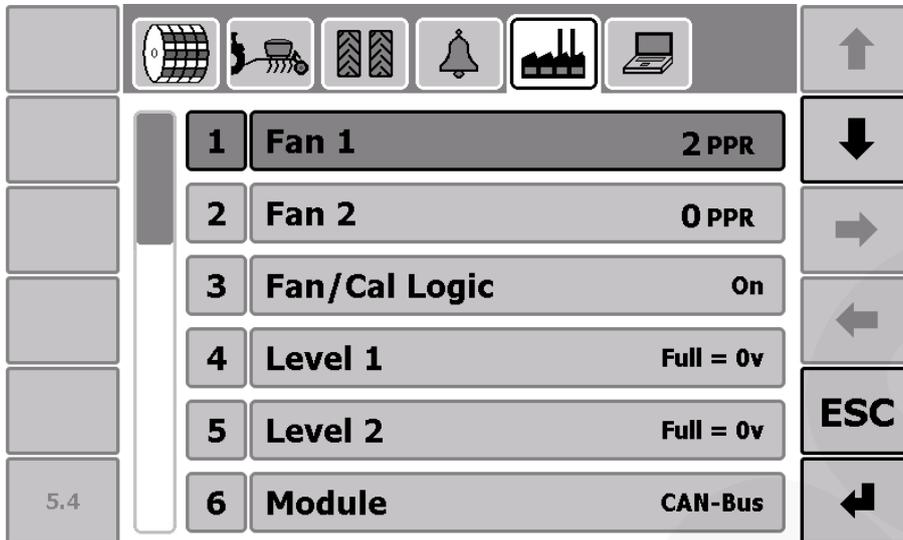
STEP 10

							↑
		1	Channel Setup				↓
		2	Metering unit Setup				→
		3	APM Module Setup				←
		4	TL Module Setup				
		5	Hydraulics Setup				
5		6	Factors Reset				↻

Return to the factory page and double tap on

“TL Module Setup”

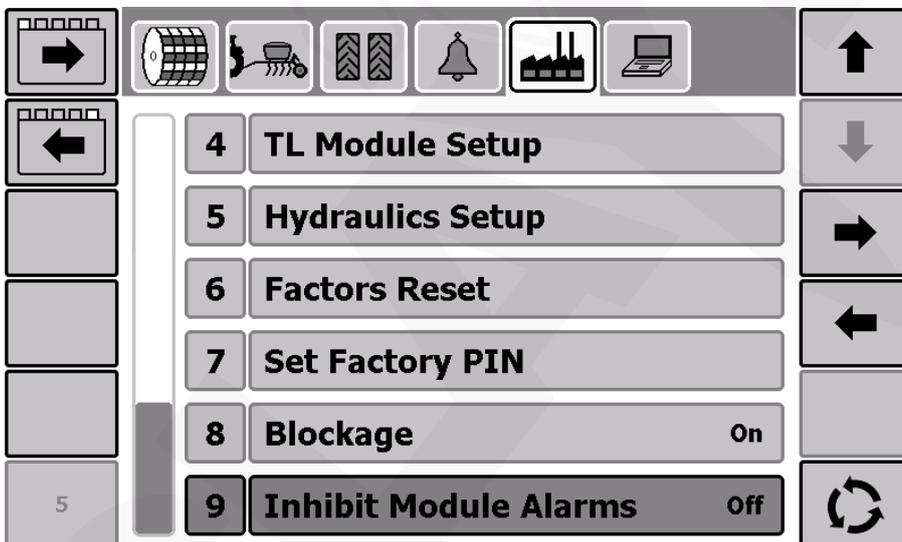
STEP 11



Check the Shaft 1 PPR is set to,

“2PPR”

STEP 12

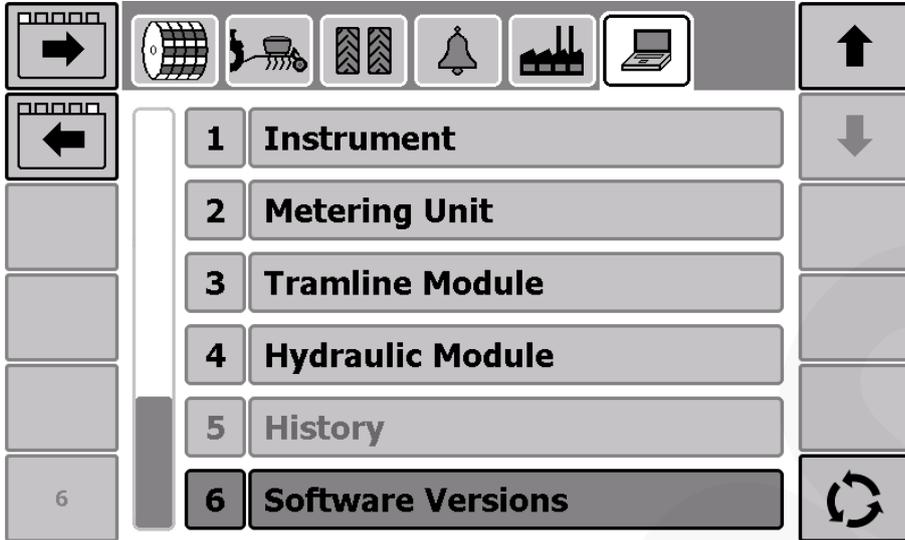


Return to the factory page, scroll down to “inhibit module alarms” and ensure they are set to

“Off”

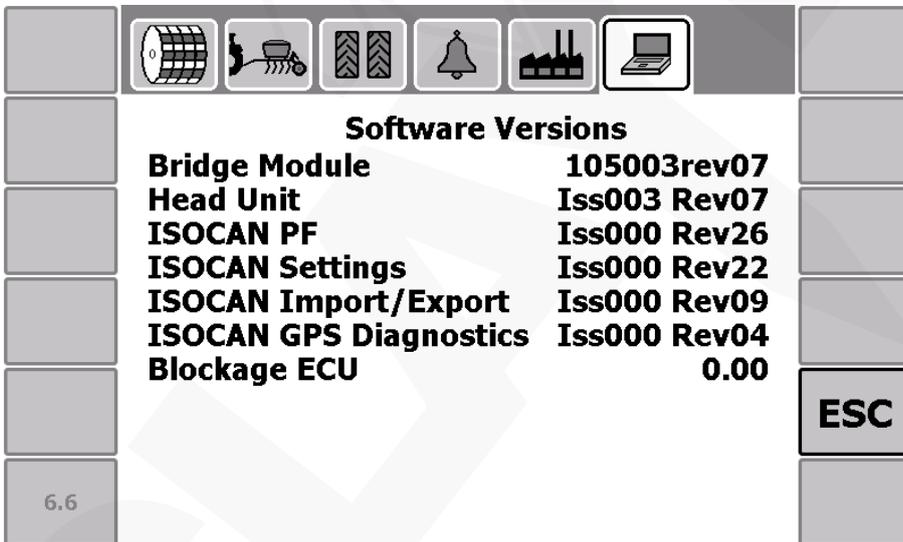
The system alarms are now all active.

STEP 13 Checking the software is up to date



Scroll to the software page,
double tap on,
“Software Versions”

STEP 14



Check that the bridge module and head unit are both set on,
“rev07”

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