



Procedure			
Reference:	PR20210406-01		
Version:	01.0	Category:	E

TITLE
The speedometer is not accurate compared to the real GPS speed.

MODEL	GOAL	
All Evolution Cart models	Quality improvement	
	Performance	√
	Upgrade	√
PARTS INFO	Down time	
Touchscreen Old type of speedometer	Maintenance	√
	Work around	√
	Others:	

VERSION CONTROL:			
Author:	Version:	Date:	Change/update:
Arvin Lu	01.0	2021/04/06	Update

TOOLS REQUIRED
<ul style="list-style-type: none"> 1* USB Flash Drive (Empty)



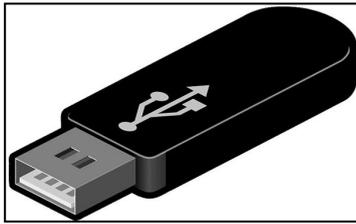
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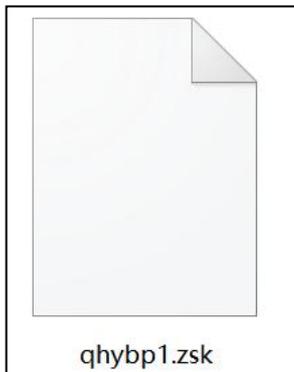
HOW TO DO?

1. If it is Plus model with touchscreen. The touchscreen needs to be re-program to the correct setting for accurate speedometer.

1.1 Prepare a USB flash drive and make it empty inside.



1.2 Download the "qhybp1" file provided by the manufacturer into the empty USB drive.



Note: The programming file is different according to the model of cart and the configurations of cart, depending on:

- Motor Model (4kw/6.3kw)
- Tire Size (215/35R14 or 23 x 10-14")
- Rear End Ratio (12:1 or 10:1)

1.3 Turn on the key switch until the screen is complete on.





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- 1.4 **Plug the USB drive into the upper USB port on the dash board, the programming will be processed automatically.**
There will be red characters showing on the left upper of touchscreen.



- 1.5 **Wait till the process is done. The characters will turn to green color.**



- 1.6 **Turn off the key switch, and then unplug the USB drive.**



- 1.7 **Finish the process and test the touchscreen.**



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2. If it is Pro model cart with old type speedometer. The “PO” setting needs to be adjusted to correct value.

2.1 Turn on the key switch.



2.2 Remove the cup holder cover on the dash, find the connector of speedometer.

2.3 Jumper the setting wire to black wire (#13) of speedometer, then the speedometer will enter into the “Setting” interface, it will show “PO” .





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2.4 Follow the video to adjust the “PO” setting. The “PO” is determined on the basis of cart model/configuration, see below:

AC Speedometer "PO" setting				
Cart Model	AC Controller	Rear end Ratio	Tire Size	PO
Forester/Turfman 800	1232SER-5422	12 : 1	22*11-10	33.2
Carrier 6 or 8/ Turfman 1000	1232SER-5422	12 : 1	205/50-10	28.24
Carrier 6 or 8/ Turfman 1000	1234E-6322	12 : 1	205/50-10	36.24
Classic	1234E-6322	10 : 1	215/35-14	53
Classic	1234E-6322	10 : 1	205/50-10	45.2

2.5 Save the new setting.