

Controlling Servos with JAUS_IVN's ServoPod Tab

Introduction

For diagnostic purposes, it is possible to control a Pronto4 system's servos through JAUS_IVN. This document covers the necessary steps.

🕅 Kairos Autonomi JAUS_IVN - Version 1.10.46					
Application JAUS Comm	s Mission	Payload & Data	Operation Payloa	d Detail P4S4 - ServoPod	P4S4 - Drive
Com Port 1 Com Po	Enable Veh Enable Veh Enable Veh Enable Veh Enable Veh Enable Veh Start Pulse Motor Pwr Off Motor Pwr Off Enable Veh Motor Pwr Off Motor Pwr Off Enable Veh Motor Pwr Off Motor Pwr Off Enable Veh Motor Pwr Off Motor Pwr Off Calaba 2 2 9 1609 Calaba 2 1 0 Calaba 2 2 9 1609 Calaba 2 1 0 Calaba 2 10 0 Calaba 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	23544 23160 20136 23528 23232 20112 23528 23232 20112 23528 23169 20104 23528 23208 20096 23584 23216 20098 23584 23152 20160 23552 23208 20160 23552 23208 20160 tack ♥ 175758 0.13 Clutch PW/M4 = 100 = 100 = 75 = 75 = 50 = 50 = 25 = 25 = 0 = 0	0 0 0 1 0 1 0 0 0 1	Control Don,8,1 Close V: 8 DTR M Echo Pause g View History A Loss

Procedure

- 1. Ensure the vehicle or vehicle simulator test board is in a "Key On" state. The engine does not need to be running.
- 2. Switch the VIM or VIM simulator test board to the "On" and "Auto" positions.
- 3. On the Operator Control Unit, restore the JAUS_IVN application and open the "P4S4 ServoPod" tab.
- 4. If data is NOT streaming in the blue terminal area: In the "Comm Control" area click the "Close" button, ensure the "COM" value is set to "1", then click the "Open" button.
- 5. At this point the Steering, Brake, Throttle, and Trans gauges and text fields (in the "Values" area) can be used to override, or otherwise directly command, the corresponding servos.

Contact Information

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