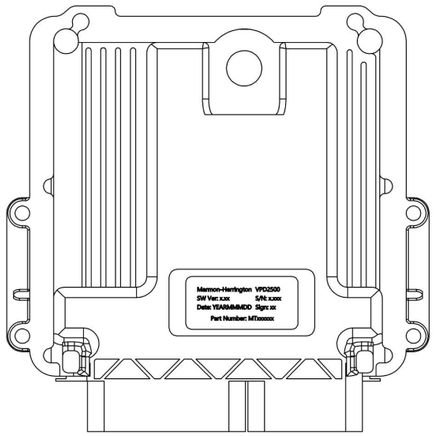


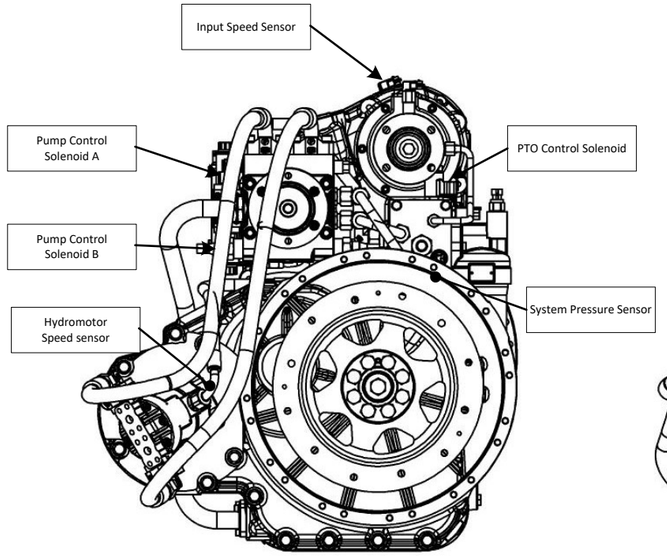


Diagram A
Rear View

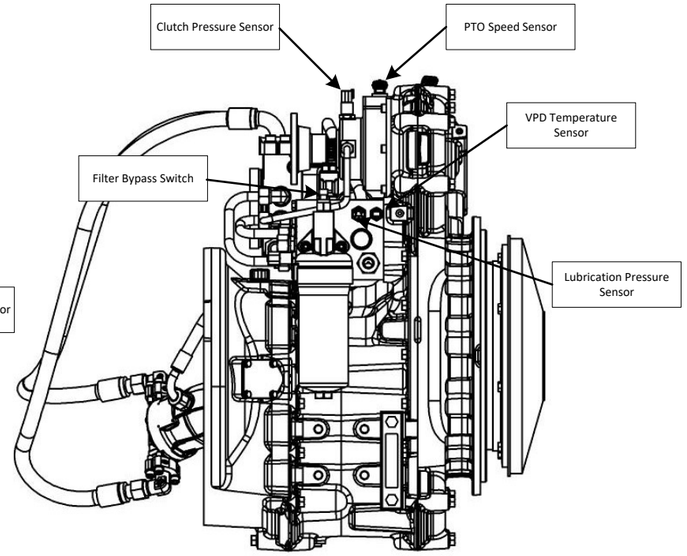
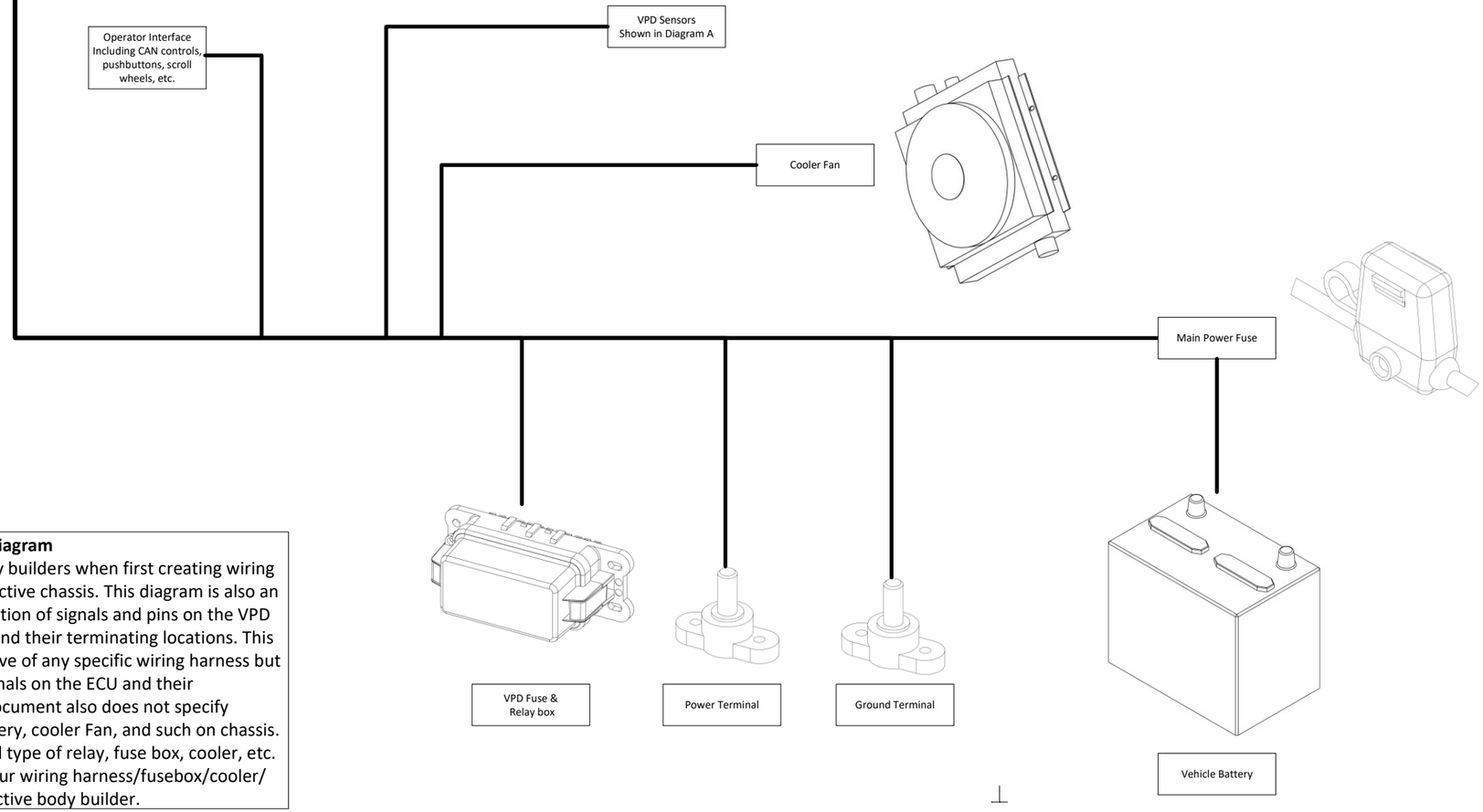


Diagram A
Right Hand View



MM4VPD – General Wiring Diagram

This diagram is an aid for body builders when first creating wiring harness for VPD in their respective chassis. This diagram is also an aid for end users to know location of signals and pins on the VPD electronic control unit (ECU) and their terminating locations. This document is not comprehensive of any specific wiring harness but specific to the locations of signals on the ECU and their terminating end point. This document also does not specify location of ECU, fusebox, battery, cooler Fan, and such on chassis. This document does not detail type of relay, fuse box, cooler, etc. For specific information on your wiring harness/fusebox/cooler/ etc., please contact the respective body builder.

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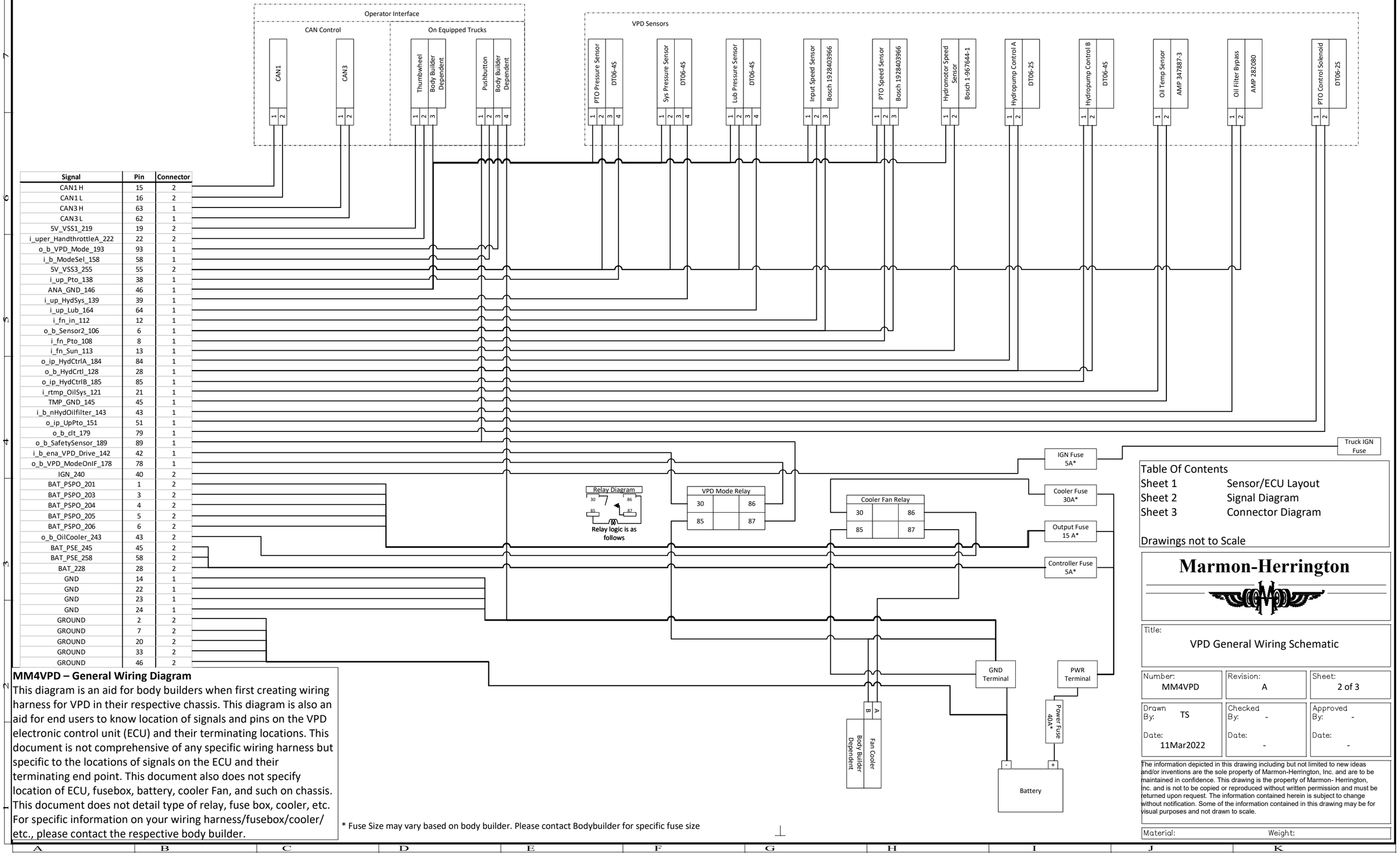

Signal	Pin	Connector
CAN1 H	15	2
CAN1 L	16	2
CAN3 H	63	1
CAN3 L	62	1
5V_VSS1_219	19	2
i_uper_HandthrottleA_222	22	2
o_b_VPD_Mode_193	93	1
i_b_ModeSel_158	58	1
5V_VSS3_255	55	2
i_up_Pto_138	38	1
ANA_GND_146	46	1
i_up_HydSys_139	39	1
i_up_Lub_164	64	1
i_fn_in_112	12	1
o_b_Sensor2_106	6	1
i_fn_Pto_108	8	1
i_fn_Sun_113	13	1
o_ip_HydCtrlA_184	84	1
o_b_HydCrtl_128	28	1
o_ip_HydCtrlB_185	85	1
i_rtmp_OilSys_121	21	1
TMP_GND_145	45	1
i_b_nHydOilfilter_143	43	1
o_ip_UpPto_151	51	1
o_b_clt_179	79	1
o_b_SafetySensor_189	89	1
i_b_ena_VPD_Drive_142	42	1
o_b_VPD_ModeOnIF_178	78	1
IGN_240	40	2
BAT_PSPO_201	1	2
BAT_PSPO_203	3	2
BAT_PSPO_204	4	2
BAT_PSPO_205	5	2
BAT_PSPO_206	6	2
o_b_OilCooler_243	43	2
BAT_PSE_245	45	2
BAT_PSE_258	58	2
BAT_228	28	2
GND	14	1
GND	22	1
GND	23	1
GND	24	1
GROUND	2	2
GROUND	7	2
GROUND	20	2
GROUND	33	2
GROUND	46	2

MM4VPD – General Wiring Diagram

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* Fuse Size may vary based on body builder. Please contact Bodybuilder for specific fuse size

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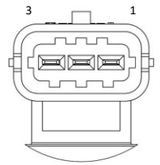
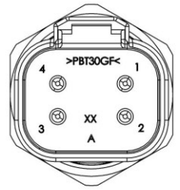
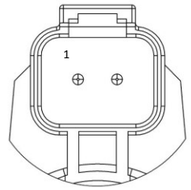
	Connection	Label	Mating Connector	Brand
VPD Sensors	Pump Control Solenoid A	C	DT06-2S	Deutsch
	Pump Control Solenoid B	C	DT06-2S	Deutsch
	Hydromotor Speed Sensor	G	1-967644-1	Bosch
	Input Speed Sensor	A	1928403966	Bosch
	PTO Speed Sensor	A	1928403966	Bosch
	PTO Control Solenoid	C	DT06-2S	Deutsch
	PTO Clutch Pressure Sensor	B	DT06-4S	Deutsch
	Temperature Sensor	D	963040-3	AMP
	Lubrication Pressure Sensor	B	DT06-4S	Deutsch
	System Pressure Sensor	B	DT06-4S	Deutsch
	Filter Bypass Switch	E	282080-1	AMP
ECU	Connector 1	H	1928404781	Bosch
	Connector 2	J	1928404780	Bosch



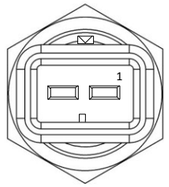
Connection A



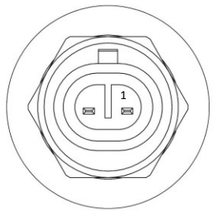
Connection B



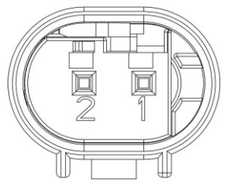
Connection C



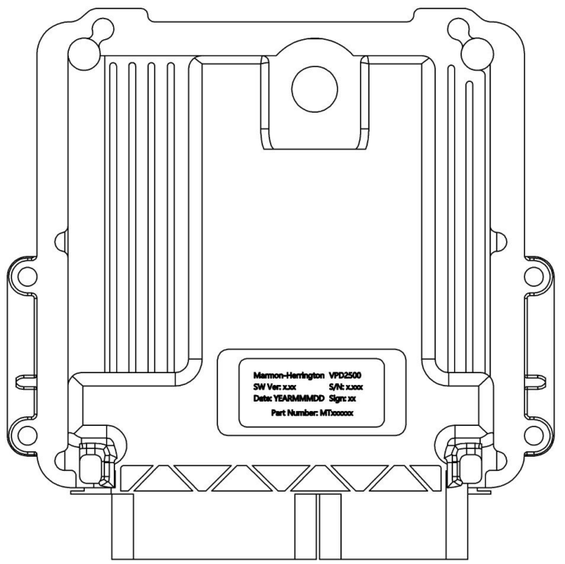
Connection D

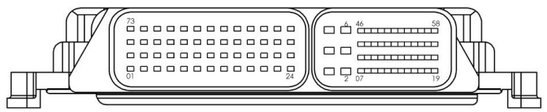


Connection E



Connection G





Connection H

Connection J

MM4VPD – General Wiring Diagram

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