

ET PPIII Lite Hub and Pinouts

PPIII Lite

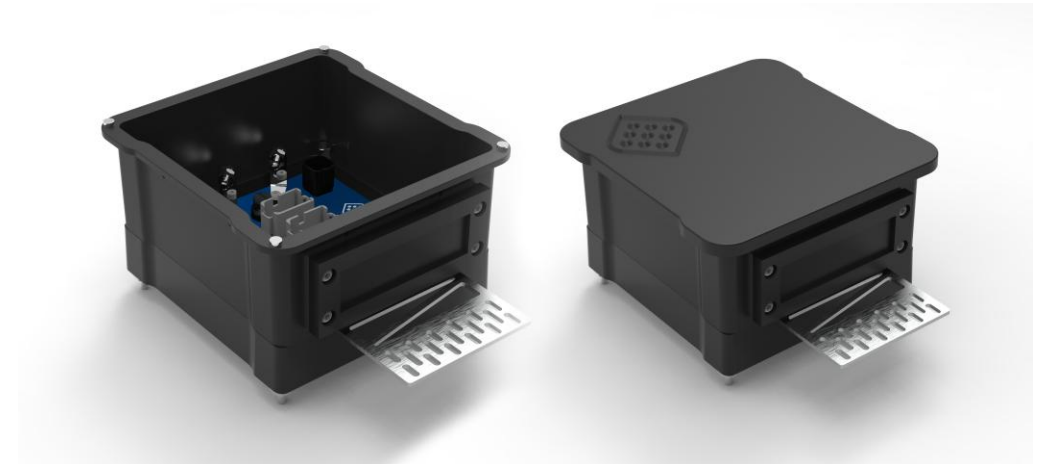
Parts List

PN	Part Description
123000-130	PPIII LITE HUB ASSEMBLY
116301-014	PRESSURE TRANSDUCER ASSY 100PSI, .5-5V, 1/4 NPT
123300-001	LEAPSTART VCM
118200-200	HARNESS, NOZZLE, 6 DROP, 20" SPACING
118200-201	HARNESS, NOZZLE, 6 DROP 15" SPACING
150003-005	CAN TERMINATOR EVO RS LS 6 PIN M DT
116500-356	A24 SPITFIRE VALVE ASSY U CLIP, CAS
116200-045	DUST PLUG 2-PIN TOWER WP
706530-348	DUST PLUG 6-PIN DEUTSCH DT
706530-356	DUST PLUG 12-PIN DEUTSCH DT
120139-016	Harness, Power, 5ft, 8Ga. PPIII w/breaker
123300-116	HN, Adapter, PPIII Lite, ET

PN	Part Description
150004-005	HARNESS, CAN EXT 5'
150004-010	HARNESS, CAN EXT 10'
150004-015	HARNESS, CAN EXT 15'
150004-020	HARNESS, CAN EXT 20'
150004-025	HARNESS, CAN EXT 25'
150004-030	HARNESS, CAN EXT 30'
150004-035	HARNESS, CAN EXT 35'
150004-040	HARNESS, CAN EXT 40'
150004-045	HARNESS, CAN EXT 45'
150004-050	HARNESS, CAN EXT 50'
150004-055	HARNESS, CAN EXT 55'
150004-060	HARNESS, CAN EXT 60'
118673-001	HARNESS, VALVE EXT 5'

PinPoint III Lite Hub

PN: 123000-130



PinPoint III Lite Hub Pinouts

Table 1: VCM 1

Pin 1	VCM Power (+12v)
Pin 2	VCM Ground
Pin 3	Left Fence Row Nozzle (+12v)
Pin 4	CAN High
Pin 5	CAN Low
Pin 6	Key Switched Power

Table 2: VCM 2

Pin 1	VCM Power (+12v)
Pin 2	VCM Ground
Pin 3	Boom Recirculation (+12v)
Pin 4	CAN High
Pin 5	CAN Low
Pin 6	Key Switched Power

Table 7: Booms 1-12 Out

Pin 1	Section 1 Signal (+12v)	Pin 7	Section 7 Signal (+12v)
Pin 2	Section 2 Signal (+12v)	Pin 8	Section 8 Signal (+12v)
Pin 3	Section 3 Signal (+12v)	Pin 9	Section 9 Signal (+12v)
Pin 4	Section 4 Signal (+12v)	Pin 10	Not Used
Pin 5	Section 5 Signal (+12v)	Pin 11	Not Used
Pin 6	Section 6 Signal (+12v)	Pin 12	Not Used

Table 3: VCM 3

Pin 1	VCM Power (+12v)
Pin 2	VCM Ground
Pin 3	Not Used
Pin 4	CAN High
Pin 5	CAN Low
Pin 6	Key Switched Power

Table 4: VCM 4

Pin 1	VCM Power (+12v)
Pin 2	VCM Ground
Pin 3	Right Fence Row Nozzle (+12v)
Pin 4	CAN High
Pin 5	CAN Low
Pin 6	Key Switched Power

Table 8: Input/Output A

Pin 1	ISO CAN High	Pin 7	Servo Out Increase (+)
Pin 2	ISO CAN Low	Pin 8	Servo Out Decrease (-)
Pin 3	ISO Key Switched Power	Pin 9	Not Used
Pin 4	Not Used	Pin 10	Not Used
Pin 5	Not Used	Pin 11	Not Used
Pin 6	Not Used	Pin 12	Master Switch Signal (12v input)

Table 5: Digital Outputs

Pin 1	Left Fence Row Nozzle (+12v)
Pin 2	Boom Recirculation (+12v)
Pin 3	Not Used
Pin 4	Right Fence Row Nozzle (+12v)

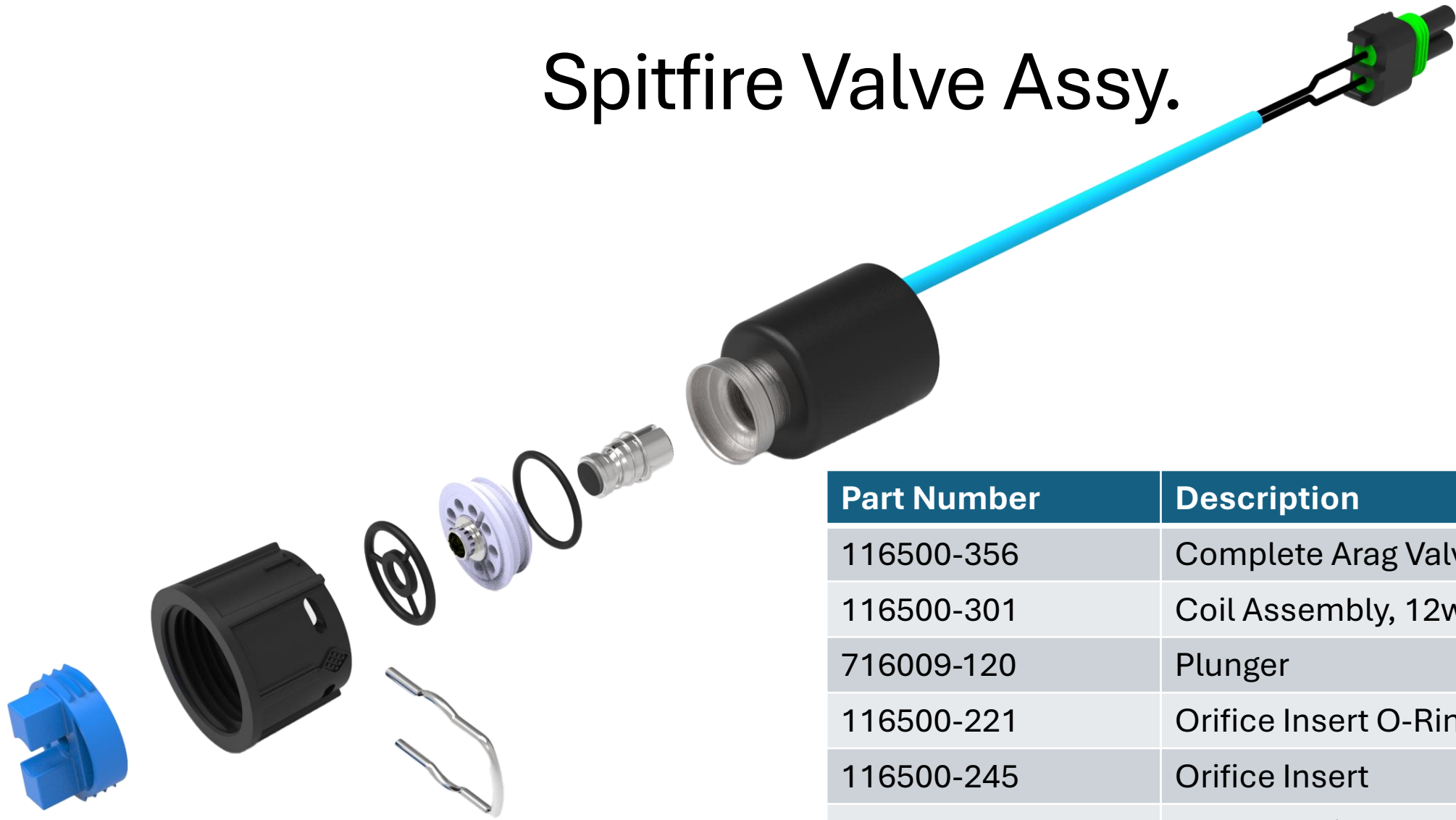
Table 6: Digital Inputs

Pin 1	Not Used
Pin 2	Not Used
Pin 3	Not Used
Pin 4	Not Used

Table 9: Input/Output B

Pin 1	Flowmeter 1 Power (+12v)	Pin 7	Pressure Sensor 2 Signal
Pin 2	Flowmeter 1 Signal	Pin 8	Not Used
Pin 3	Flowmeter 1 Ground	Pin 9	Not Used
Pin 4	Pressure Sensor Power (+12V)	Pin 10	Flowmeter 2 Ground
Pin 5	Pressure Sensor 1 Signal	Pin 11	Flowmeter 2 Signal
Pin 6	Pressure Sensor Ground	Pin 12	

Spitfire Valve Assy.



Part Number	Description
116500-356	Complete Arag Valve Assy
116500-301	Coil Assembly, 12w, CAS
716009-120	Plunger
116500-221	Orifice Insert O-Ring
116500-245	Orifice Insert
116500-225	Spoke O-Ring
116500-272	Flynut
116500-222	Flynut U-Clip

Pressure Transducer

PN: 116301-014

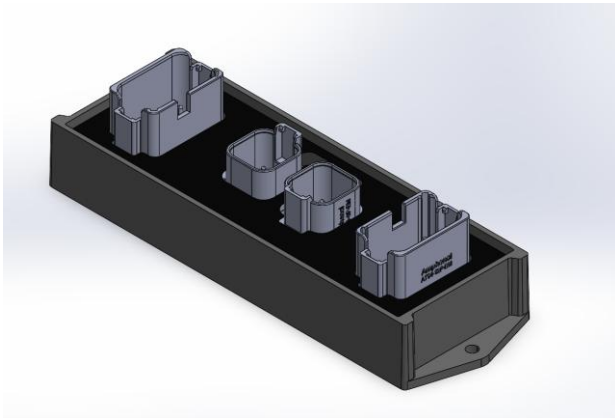
Reference Table 9: Input/Output B



Leapstart VCM & Nozzle Harnesses

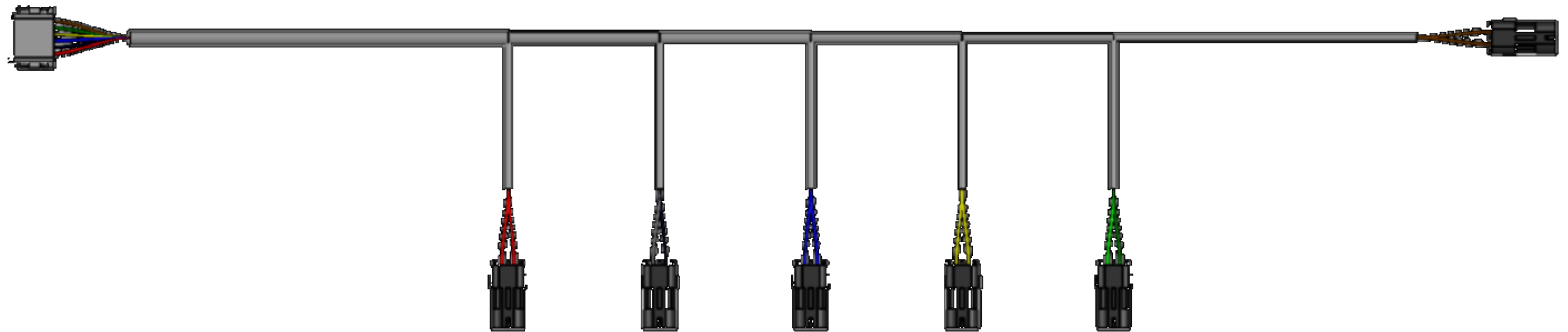
PN: 123300-001

Reference Tables 1-4



PN: 118200-200, 20" Nozzle Spacing

PN: 118200-201, 15" Nozzle Spacing



CAN Extension Harnesses

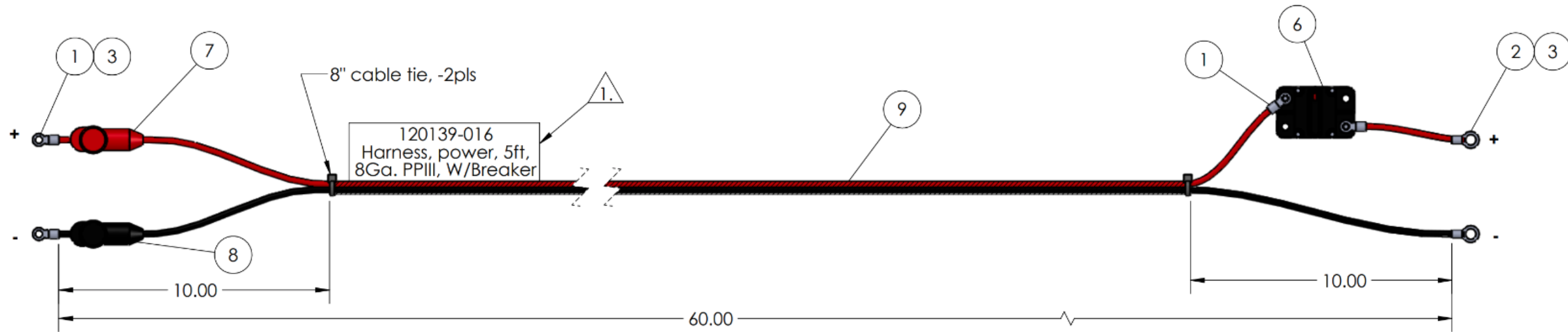
Harness PN: 154004-xxx
Reference Table 1-4: VCM 1 – VCM 4



Last 3 digits represent extension harness length:

- “-005” = 5’ length
- “-060” = 60’ length

Power Harness



PPII Standard to PPII Lite Adapter ET

PN: 123300-116

