Illustrated Parts List

6

Introduction

Use the Parts List to obtain whatever you might need to expand, upgrade, repair, or maintain your system. The Parts List includes exploded illustrations of system components with a textual parts listing.

To place an order, provide your local distributor or Videojet Technologies Inc. with part numbers and quantities.
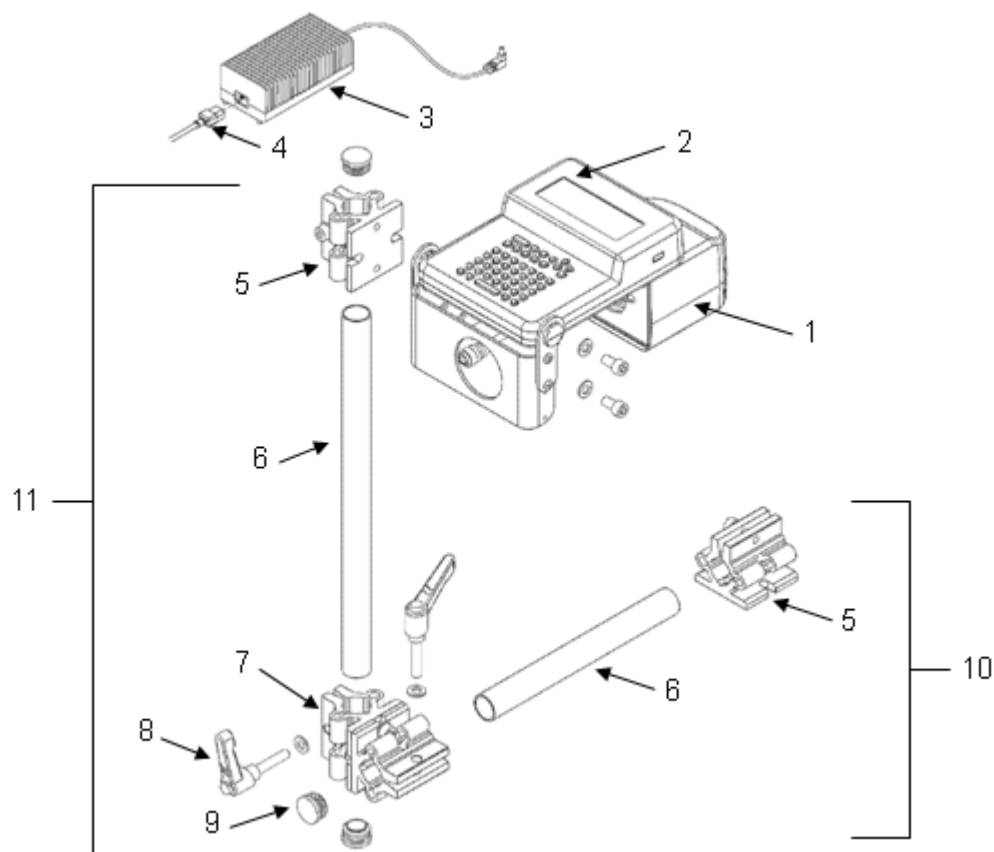
Unicorn II Standard Assembly

Figure 6-1: UNICORN II Standard Assembly

Item No.	Description	Part Number	Quantity per Package
1	Printhead Assembly	RP35226	1
2	Controller Assembly, China (Simplified Chinese)	RP35201	1
	Controller Assembly (US/European Language)	RP35575	1
3	Power Supply, with China Power Cord	RP35474	1
	Power Supply, with US Power Cord	RP16061	1
	Power Supply, with International Power Cord	RP19706	1

Table 6-1: UNICORN II Standard Assembly Parts List

Item No.	Description	Part Number	Quantity per Package
4	Power Cord, China	RP35443	1
	Power Cord, US	RPJ500-0043-001	1
	Power Cord, International (flying lead without plug)	RPJ500-0043-002	1
5	Clamp, Parallel / Perpendicular Mounting	RP28800	1
6	Tubing, 1" x 9" (2.5 cm x 22.9 cm)	19161B	1
	Tubing, 1" x 15" (2.5 cm x 38.1 cm)	RP19160	1
7	Clamp, Cross	RP28801	1
8	Ratchet Handle	19321	1
9	Plug, Pry-Out 7/8"	RP19757	1
10	Bracket Assembly	RP21506	1
11	Kit, Bracket and Frame	35253	1

Table 6-1: UNICORN II Standard Assembly Parts List (Continued)
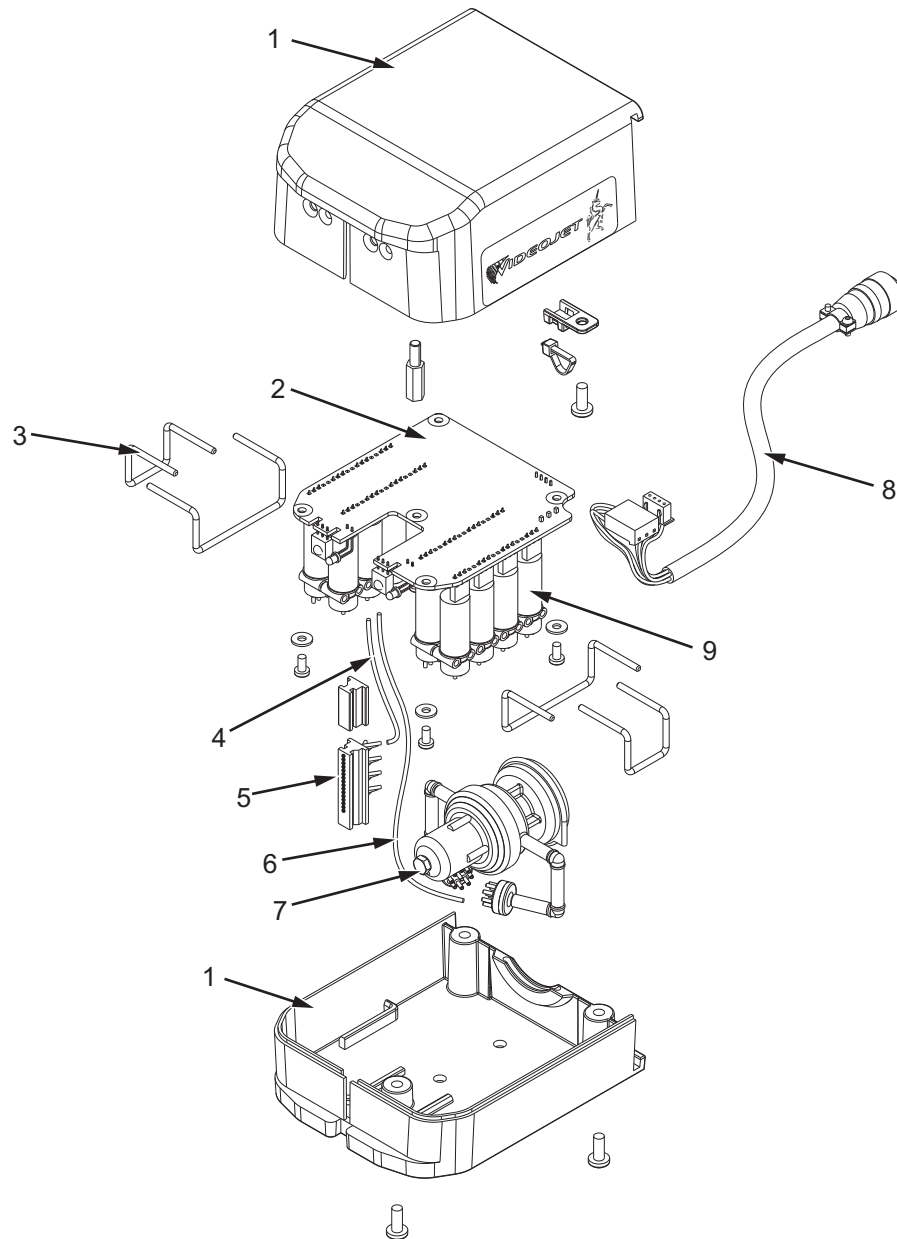
Unicorn II Printhead Assembly

Figure 6-2: UNICORN II Printhead Assembly

Item no.	Description	Part Number	Quantity per Package
Unicorn II Printhead Assembly			
1	Housing Kit, Printhead Enclosure	RP35245	1
2	Board Assembly, Printhead Valve	RP35229	1
3	Supporting Pin, Valve	RP35208	1
4	Tubing, Valve 713, 14H, 16H	J501-0030-004	1
5	Nozzle Block Standard 25 mm	RP35462	1
	Nozzle Block Optional 20 mm	35506	1
	Nozzle Black Assembly Optional 32 mm	35508	1
	Nozzle Block Assembly Optional 48 mm	35510	1
6	Tubing, Regulator to Manifold	J501-0030-004	1
7	Regulator Assembly	RP35236	1
8	Cable Assembly, External,1 ft	RP35238	1
9	Valve, 600LT 12V 600Hz Square Pin	RP27339	1
10*	Adapter Assembly, Quart Ink	RP28659	1
11*	Nozzle Assembly, Cleaner	RP15943	1

Table 6-2: Unicorn II Printhead Assembly Parts List

* - Items are not shown in the illustration
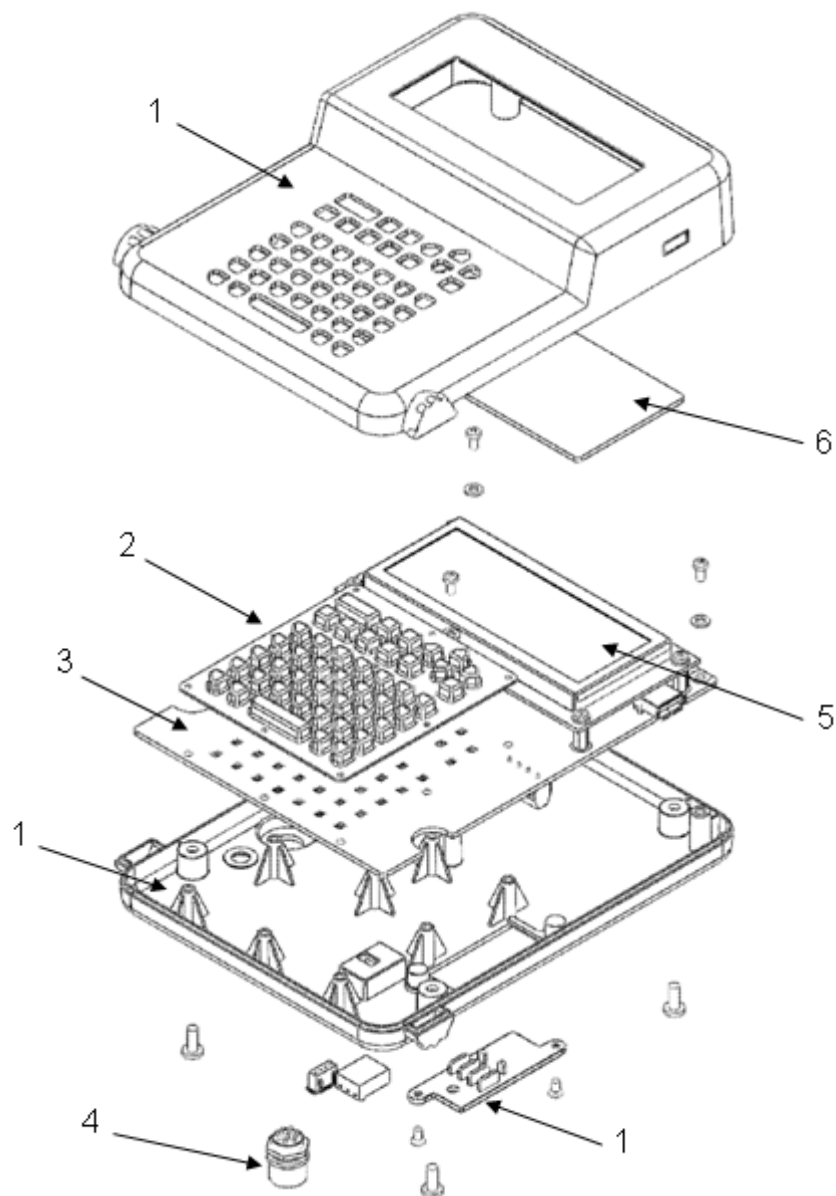
Unicorn II Controller Assembly

Figure 6-3: UNICORN II Controller Assembly

Item no.	Description	Part Number	Quantity per Package
1	Housing Kit, Controller Enclosure (Non silk screened)	RP35244	1
	Housing Kit, Controller Enclosure (Silk screened)	RP35541	1

Table 6-3: Unicorn II Controller Assembly Parts List

Item no.	Description	Part Number	Quantity per Package
2	Keypad, Rubber (refer to Table 6-4 for part numbers for different languages)	-	1
3	Controller, PCBA (refer to Table 6-5 for part numbers for different languages)	-	1
4	Cable Assembly, Internal Controller	RP35211	1
5	Display Assembly, LCD	RP35205	1
6	Cover, LCD	35241	1
7*	Extension External Cable Assembly, 20 ft	35249	1

Table 6-3: Unicorn II Controller Assembly Parts List (Continued)

Keypad in Different Languages

Part Number	Keypad
RP35218	Keypad, Rubber, Simplified Chinese
RP35535	Keypad, Rubber, Western (US/European)
RP35537	Keypad, Rubber, Japanese
RP35538	Keypad, Rubber, Korean
RP35539	Keypad, Rubber, Thai
RP35536	Keypad, Rubber, Traditional Chinese

Table 6-4: Keypads

PCB Board Assembly with Different Languages

Part Number	PCB Board Assembly
RP35560	Board Assembly, PCB, US/European (Western)
RP35562	Board Assembly, PCB, Japanese
RP35563	Board Assembly, PCB, Korean
RP35564	Board Assembly, PCB, Thai
RP35565	Board Assembly, PCB, Simplified Chinese
RP35561	Board Assembly, PCB, Traditional Chinese

Table 6-5: PCB Board Assembly

Consumables and Other Components

Sl. No	Description	Part Number	Quantity Per Package
Consumables - Porous			
1	Ink, Porous Cartridge Black	20943	12
2	Ink, Porous Cartridge Blue	20944	12
3	Ink, Porous Cartridge Red	20945	12
4	Ink, Porous Cartridge Green	20946	12
5	Solvent, Porous Cartridge	20947	12
Consumables - Non-Porous			
1	Ink, Non-porous Quart Black	20133	Quarts in 4 packs
2	Ink, Non-porous Quart Red	IJ-NP-R-Q4	Quarts in 4 packs
3	Ink, Non-porous Quart Blue	20151	Quarts in 4 packs
4	Ink, Non-porous Quart Green	IJ-NP-G-Q4	Quarts in 4 packs
5	Ink, Non-porous Quart Brown	20596	Quarts in 4 packs
6	Ink, Non-porous Quart Violet	20597	Quarts in 4 packs
7	Ink, Non-porous Quart Yellow	IJ-NP-Y-Q4	Quarts in 4 packs
8	Ink, Non-porous Quart Orange	IJ-NP-O-Q4	Quarts in 4 packs
9	Ink, Non-porous Quart Ultraviolet	IJ-NP-U-Q4	Quarts in 4 packs
10	Solvent, Non-porous Quart	IJ-NP-S-Q4	Quarts in 4 packs
Other Components			
1	Photocell, External (Optional)	35464	
1	Ink System, ADS	26278	
2	Kit, Quart Ink/Solvent	28636	
3	Adapter, Quart Ink/Solvent	RP28659	

Table 6-6: Consumables and Other Components

Sl. No	Description	Part Number	Quantity Per Package
4	Cover, Controller Harsh Environment	35251	
5	Cleaner, Nozzle	RP15943	
6	Kit, Printhead Service	16040	
7	Kit, Unicorn II Hardware	RP21823	
8	Frame Kit, Controller Mount	RP35242	
9	CD, Operator Manual and Declaration of Conformity	462154	
10	CD, Service Manual Documentation, English	462162	
11	Manual, Unicorn II Technical (English)	462153-01	

Table 6-6: Consumables and Other Components (Continued)

Unicorn II Owner's Manual in Different Languages

Part Number	Language
462152-01	English (US)
462152-02	French
462152-03	German
462152-04	Spanish
462152-06	Japanese
462152-07	Russian
462152-08	Italian
462152-09	Dutch
462152-10	Chinese (Simplified)
462152-12	Korean
462152-13	Thai
462152-15	Norwegian
462152-16	Finnish
462152-17	Swedish
462152-21	English (UK)
462152-23	Polish

Table 6-7: Owner's Manual

Part Number	Language
462152-24	Turkish
462152-26	Hungarian
462152-35	Portuguese
462152-36	Chinese (Traditional)

Table 6-7: Owner's Manual (Continued)