



Service Manual

HP Designjet
T1100/T1100ps/T610
Printer Series





Parts and Diagrams



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Printer Support

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q5669-60718	Leg Cover	All	All	N/A
2	Q5669-60716	Legs Assembly	All	All	N/A
3	Q5669-60715	Foot Assembly (includes 1 foot and 1 support tube)	All	All	N/A
4	Q5669-60719	Bin Assembly (Includes the Bin Support)	All	24 inch	N/A
	Q6659-60237			44 inch	N/A
5	Q5669-60717	X-Brace Assembly	All	24 inch	N/A
	Q6659-60236			44 inch	N/A
-	Q5669-60730	Hardware Kit (Includes screws for Legs Assembly)	All	All	N/A

^a Refers to the page in the Removal and Installation Chapter



Figure 7-1: Printer Support

Center Covers (Front)

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60208	Window	T1100/ T1100ps	24 inch	8-8
	Q6687-60066			44 inch	
	Q6711-60002		T610	24 inch	
	Q6712-60001			44 inch	
2	Q6683-60198	Top Cover	All	24 inch	8-46
	Q6687-60062			44 inch	
3	Q5669-60675	Window Position Sensor	All	All	8-49
4	Q6683-60206	Media Output Assembly	All	24 inch	8-13
	Q6687-60065		All	44 inch	
5	Q6683-60201	Front Cover	All	24 inch	8-12
	Q6687-60064			44 inch	
6	Q6683-67002	Front Panel	All	All	8-43

^a Refers to the page in the Removal and Installation Chapter

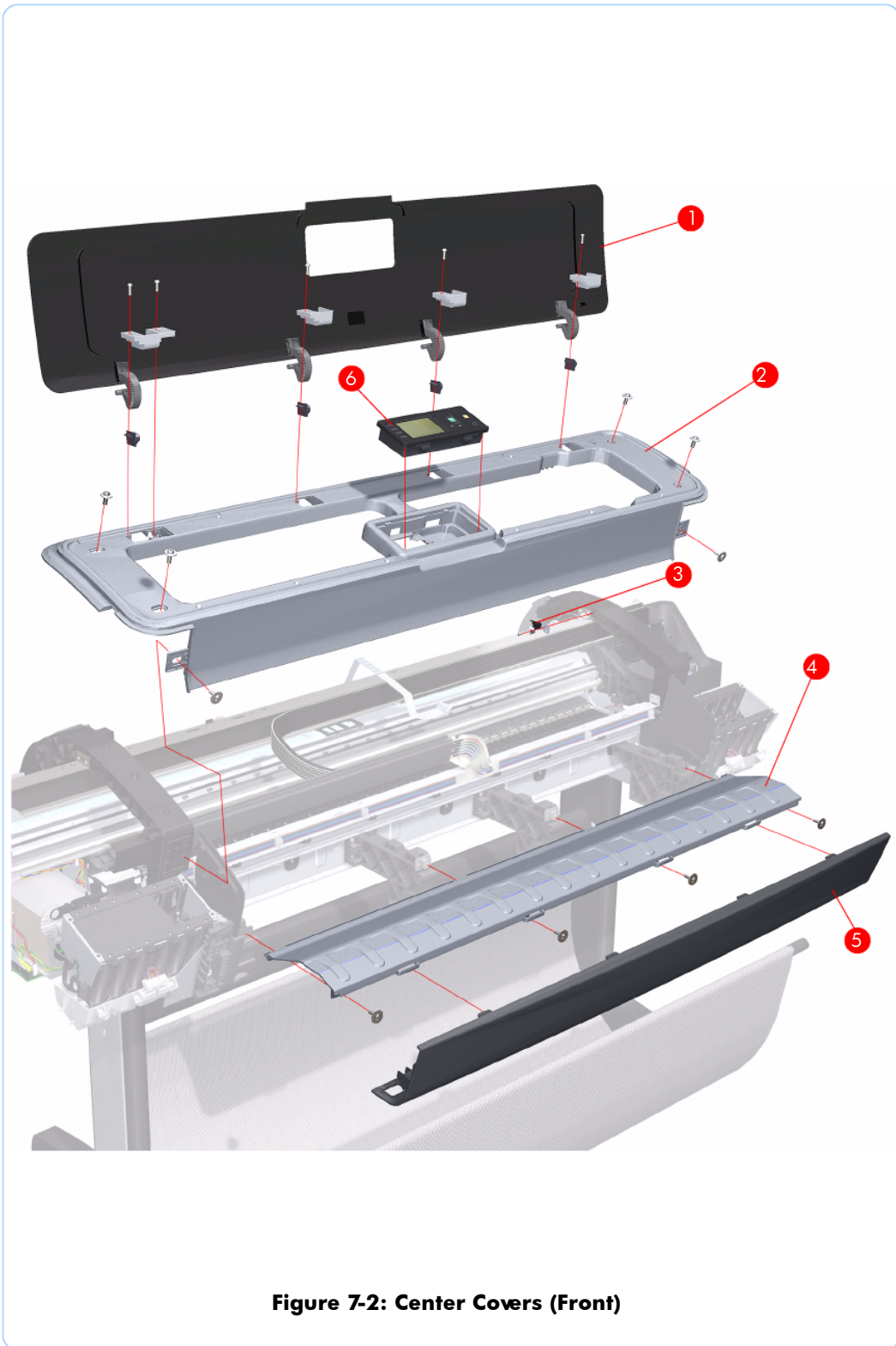


Figure 7-2: Center Covers (Front)

Center Covers (Rear)

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60207	Rear Tray Supports	All	All	8-39
2	Q6683-60197	Clean Out Assembly	All	24 inch	8-78
	Q6687-60081			44 inch	
3	Q5669-60676	Out Of Paper Sensor	All	All	8-79
4	Q6683-60194	Rear Tray	All	24 inch	8-31
	Q6687-60058			44 inch	
5	Q6683-60200	Rear Cover	All	24 inch	8-32
	Q6687-60063			44 inch	

^a Refers to the page in the Removal and Installation Chapter

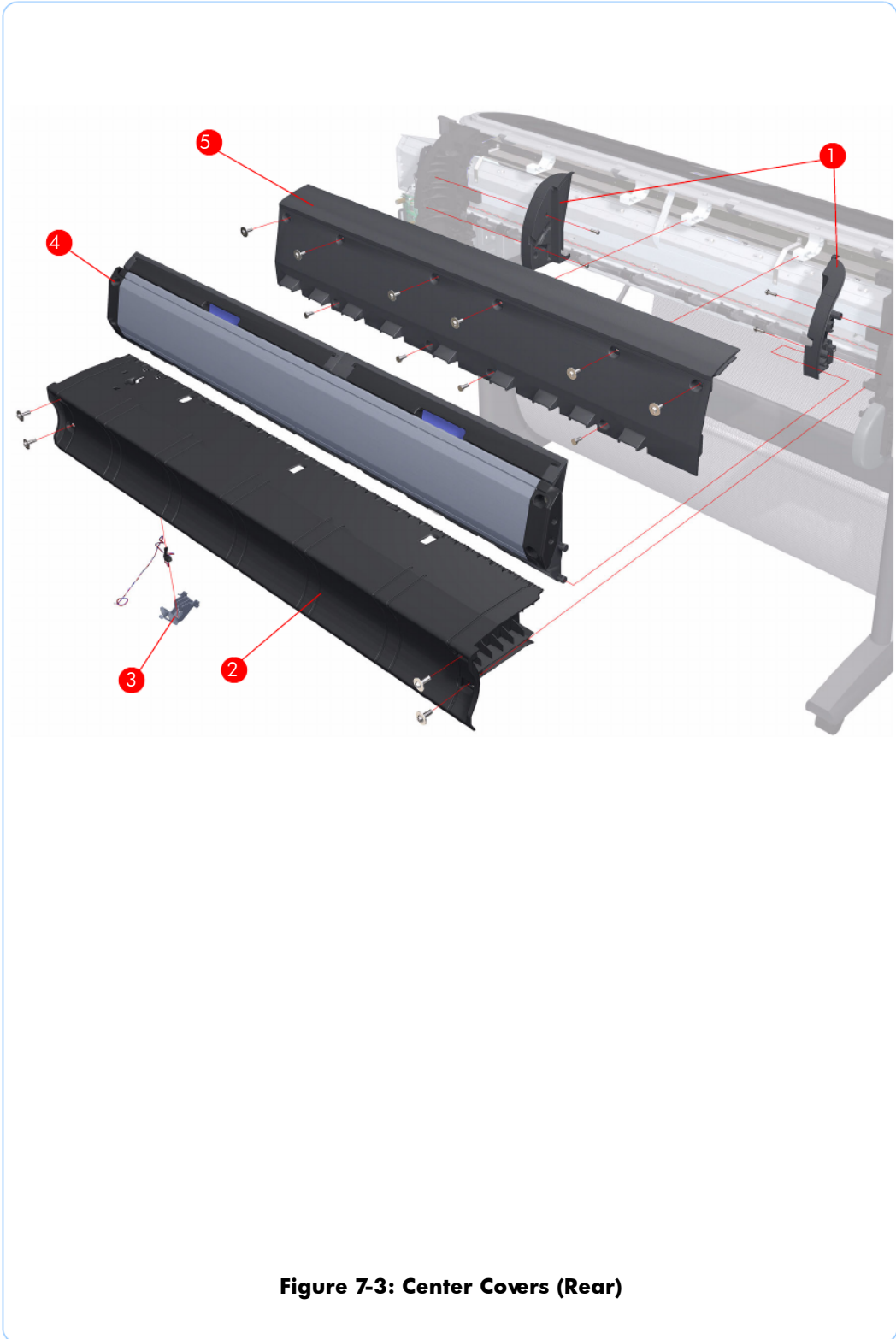


Figure 7-3: Center Covers (Rear)

Right Cover

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60203	Right Cover (without Right Ink Cartridge Door)	T1100/ T1100ps	All	8-23
	Q6711-60003		T610		
2	Q6683-60214	Left Front Trim/Right Front Trim (Left not shown)	All	All	8-15
3	Q6683-60205	Right Ink Cartridge Door	T1100/ T1100ps	All	8-19
	Q6711-60004		T610		
	Q6683-60233		All		

^a Refers to the page in the Removal and Installation Chapter

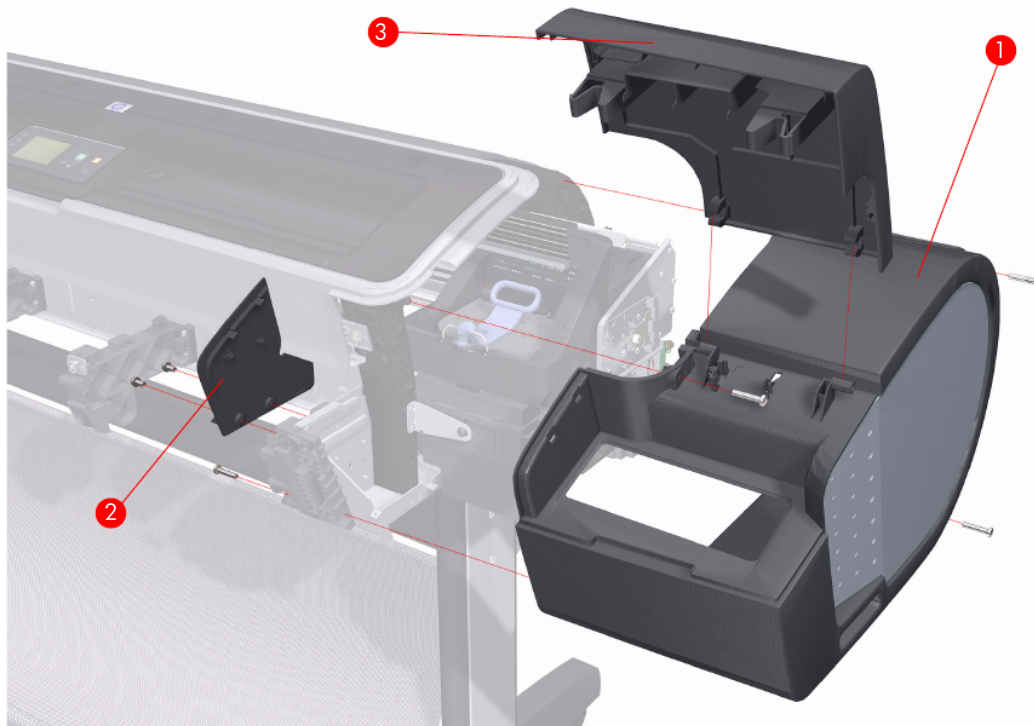


Figure 7-4: Right Cover

Left Cover

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60204	Left Ink Cartridge Door	T1100/ T610	All	8-21
	Q6683-60232		All		
2	Q6683-60214	Left Front Trim/Right Front Trim (Right not shown)	All	All	8-17
3	Q6683-67003	Left Side Panel	T1100/ T1100ps	All	8-26
	Q6711-60005		T610		
4	Q6683-60202	Left Cover (without Left Ink Cartridge Door & Left Side Panel)	All	All	8-26

a Refers to the page in the Removal and Installation Chapter



Figure 7-5: Left Cover

Right Hand Assemblies

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6675-60043	Carriage Rail Oiler	All	All	8-113
2	Q5669-60677	Pen to Paper Space (PPS) Solenoid	All	All	8-68
3	Q5669-60674	Scan-Axis Motor	All	All	8-109
4	Q6683-60190	PrintMech PCA	All	All	8-66
5	Q5669-60667	Service Station Spittoon	All	All	8-55
6	Q5669-60665	Primer Assembly	All	All	8-62
7	Q5669-60664	Aerosol Fan Assembly	All	All	8-60
8	Q6683-60187	Service Station (Includes Drop Detector, Aerosol Fan Assembly, Primer Assembly, and Service Station Spittoon)	All	All	8-55
9	Q5669-60666	Drop Detector	All	All	8-59

^a Refers to the page in the Removal and Installation Chapter

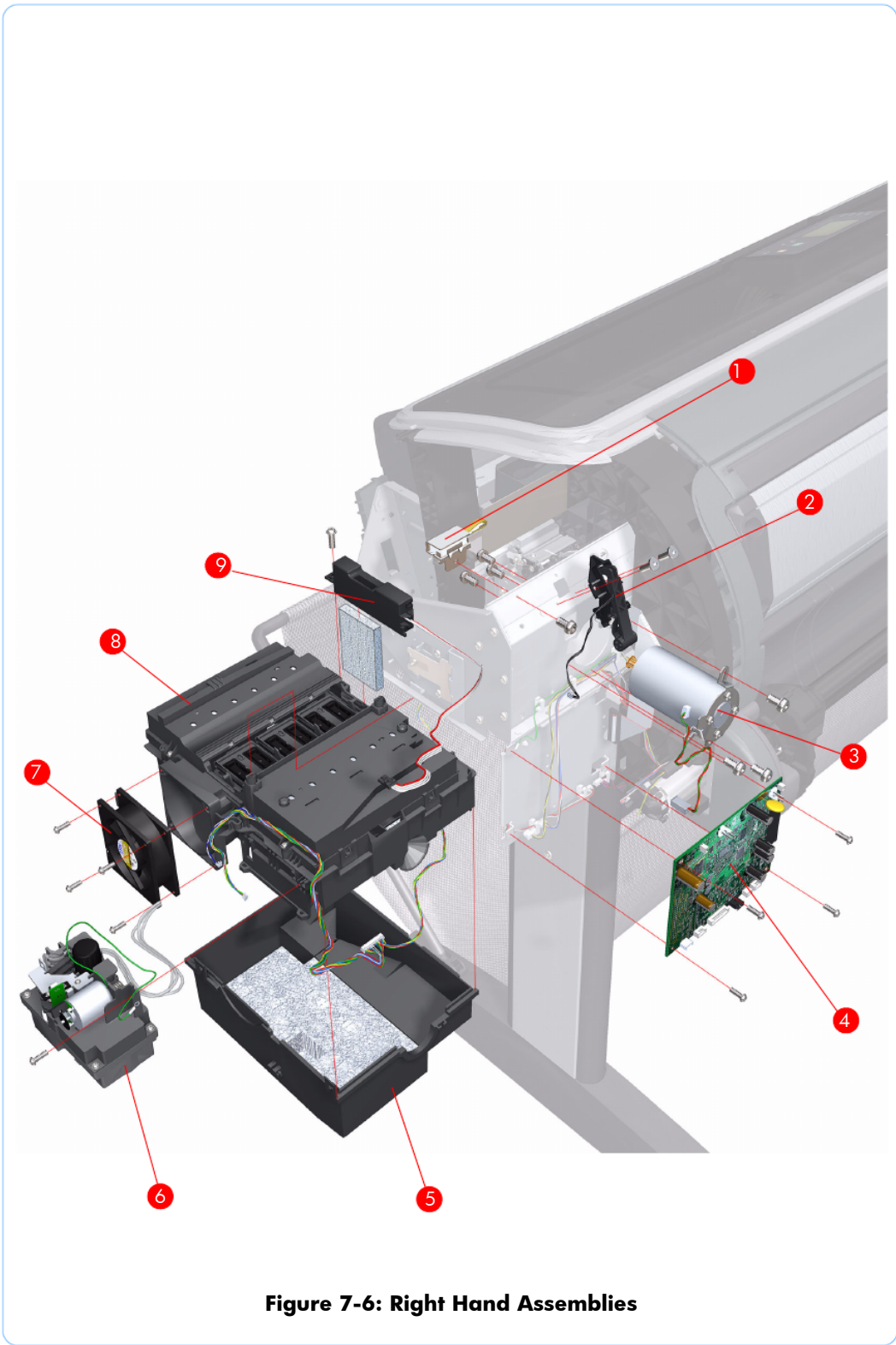


Figure 7-6: Right Hand Assemblies

Left Hand Assemblies

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60188	Left Ink Supply Station	All	All	8-130
2	Q5669-60697	Starwheel Motor	All	All	8-177
3	Q5669-60703	Encoder Sensor	All	All	8-152
4	Q5669-60702	Encoder Disk	All	All	8-152
5	Q5669-60700	Media Advance Transmission	All	All	8-155
6	Q6683-60230	Left Spittoon	All	All	8-159
7	Q5669-60693	Power Supply Unit (PSU) Assembly	All	All	8-144
8	Q6683-60192	Main PCA with Power Supply Unit (PSU) Assembly	All	24 inch	8-144
	Q6687-60057			44 inch	
9	Q6683-60193	Formatter	T1100	All	8-55
	Q6711-60006		T610		
	Q6684-60008		T1100ps		
10	Q6687-60086	Media Lever	All	All	8-33
11	Q5669-60706	Media Lever Position Sensor	All	All	8-36
12	Q5669-60704	Media Advance Drive	All	All	8-155

^a Refers to the page in the Removal and Installation Chapter

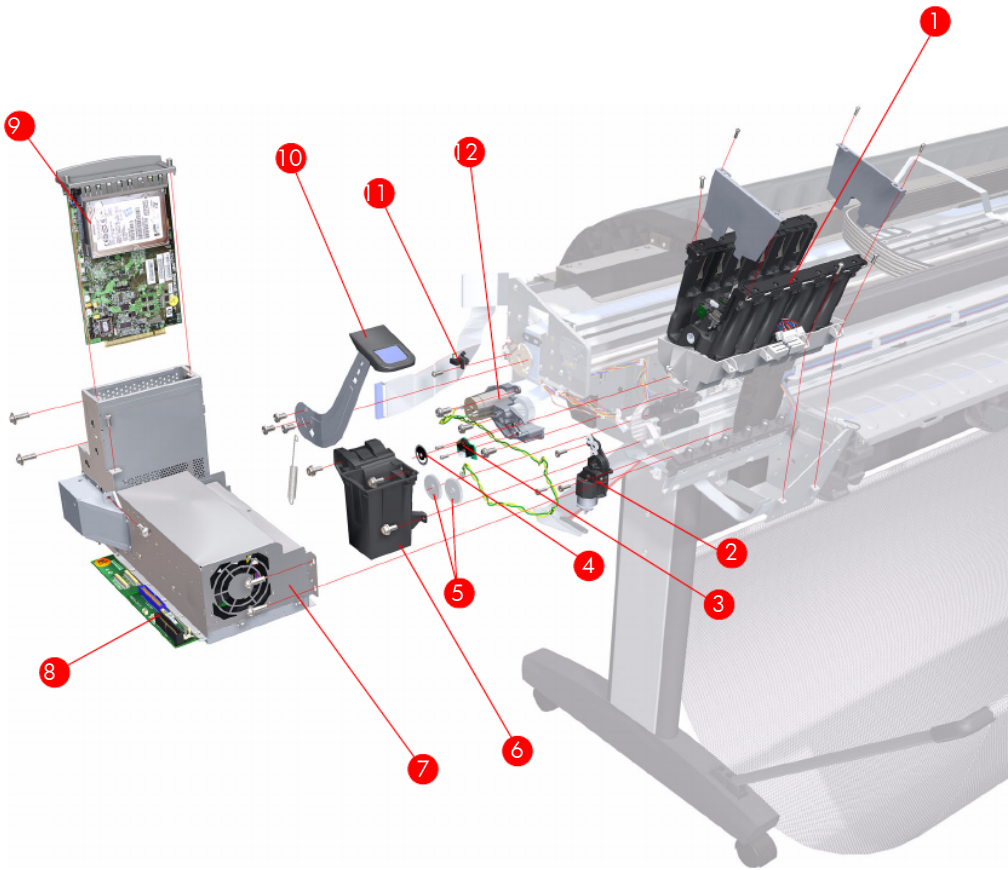


Figure 7-7: Left Hand Assemblies

Carriage Assembly

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q5669-60689	Carriage PCA Covers	All	All	8-95
2	Q5669-60685	Carriage Latch	All	All	8-120
3	Q6683-60189	Carriage Cover (includes Carriage Latch)	All	All	8-120
4	Q6683-60191	Carriage PCA	All	All	8-125
5	Q5669-60687	Carriage Rear Bushing	All	All	8-106
6	Q6683-67004	Line Sensor	All	All	8-115
1 - 6	Q6683-60199	Carriage Assembly (includes: line Sensor, Carriage Cover, Carriage Latch, Carriage PCA, and Carriage Rear Bushing)	All	All	8-95
1 - 6	Q6683-60231	Carriage Assembly (same as Q6683-60199 but includes Trailing Cable)	All	24 inch	8-95
	Q6687-60087			44 inch	

^a Refers to the page in the Removal and Installation Chapter

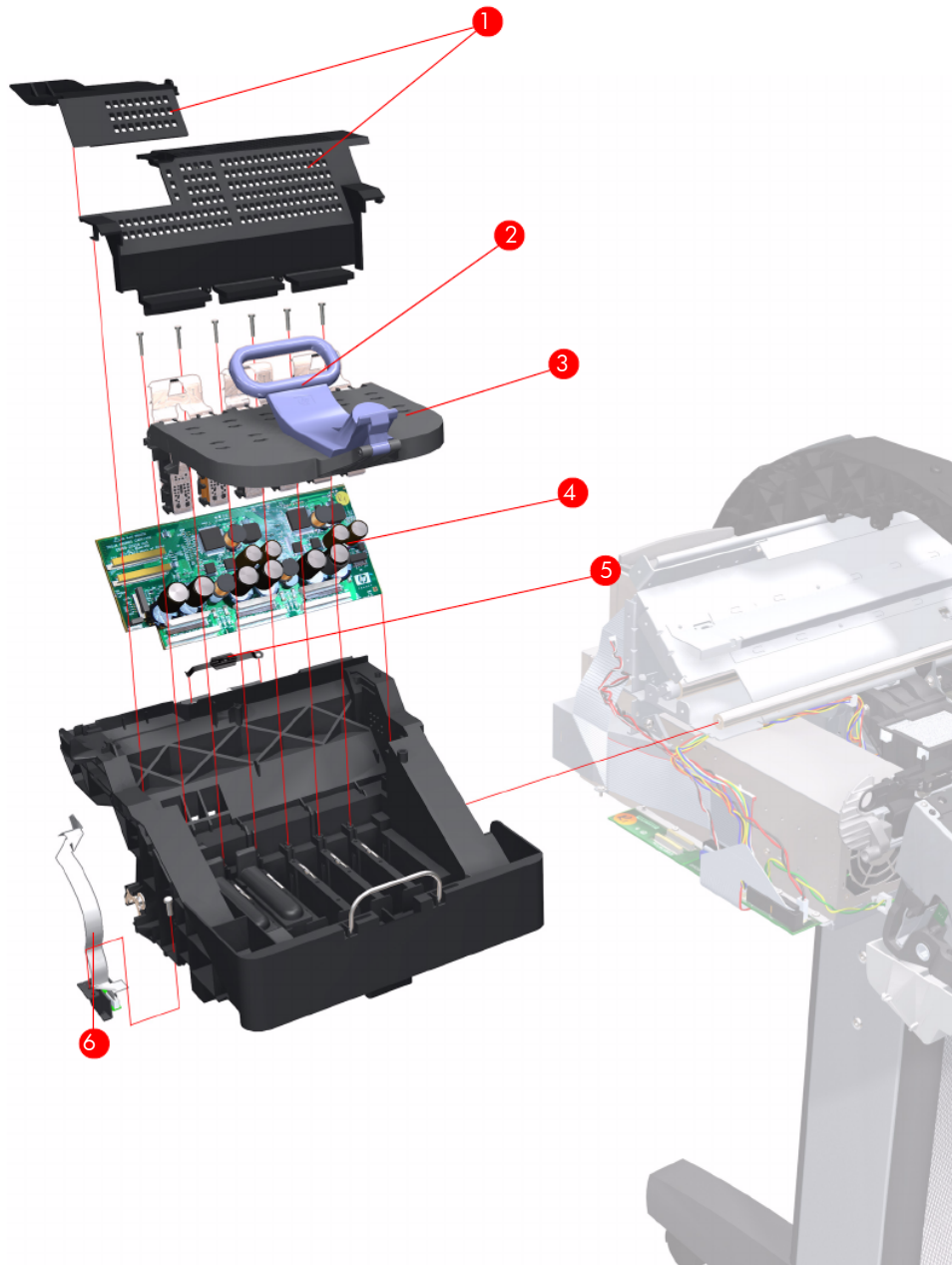


Figure 7-8: Carriage Assembly

Scan-Axis Assemblies

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60195	Ink Supply Tubes	All	24 inch	8-134
	Q6687-60059			44 inch	
2	Q6683-60209	Encoder Strip (including Encoder Strip Spring and Nut)	All	24 inch	8-84
	Q6687-60067			44 inch	
3	Q5669-60673	Belt Assembly	All	24 inch	8-108
	Q6659-60175			44 inch	
4	Q5669-60672	Belt Tensioner	All	All	8-108
5	Q6683-60229	Trailing Cable	All	24 inch	8-84
	Q6659-60177			44 inch	
-	Q5669-60679	Encoder Strip (including Encoder Strip Spring and Nut) - 50 units	All	24 inch	8-84
	Q6659-60176			44 inch	

^a Refers to the page in the Removal and Installation Chapter

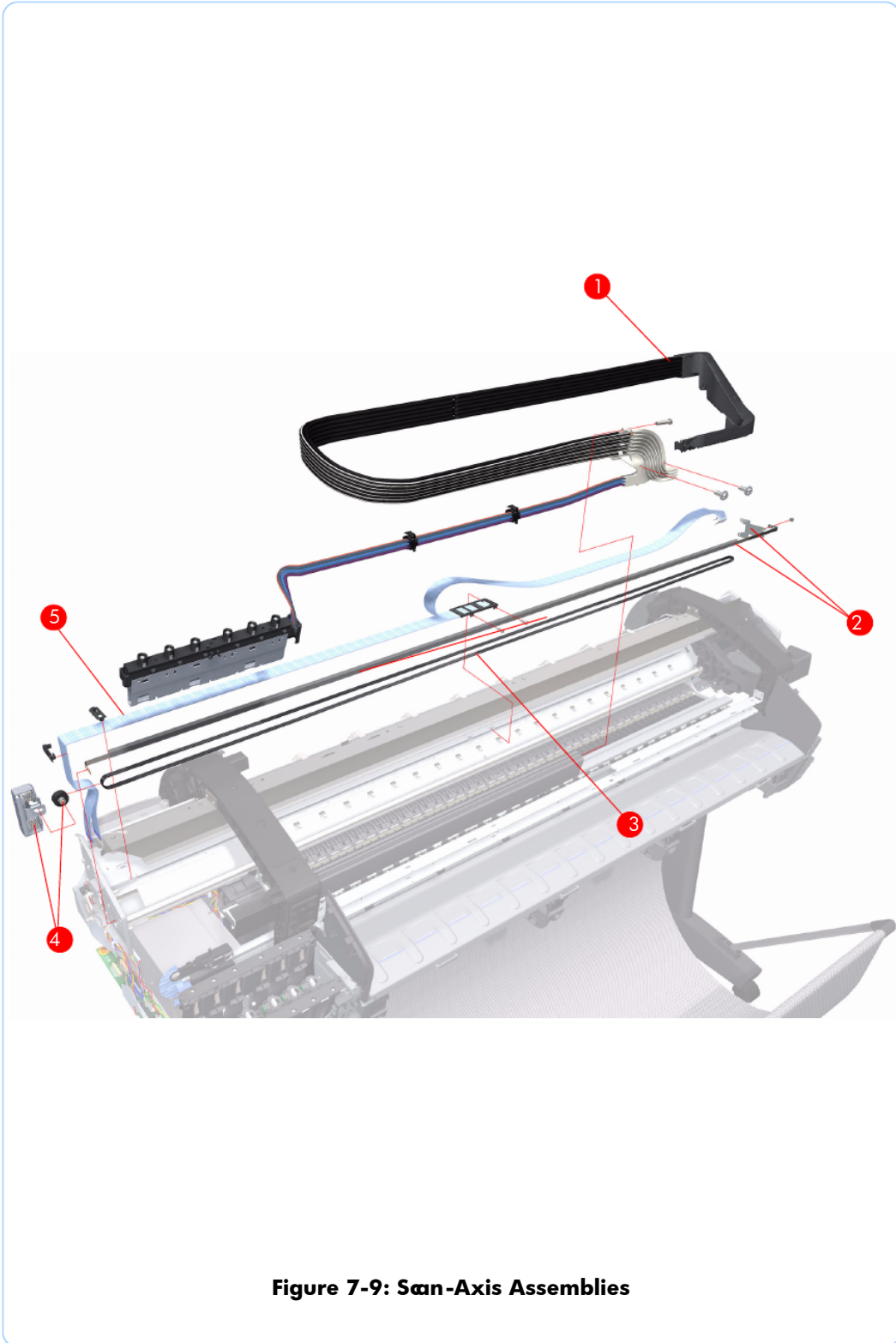


Figure 7-9: Scan-Axis Assemblies

Paper Path Assemblies (Front)

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q6683-60196	Starwheel Assembly	All	24 inch	8-144
	Q6687-60060			44 inch	
2	Q6675-60042	Print Zone Overdrive	All	24 inch	8-146
	Q6677-60018			44 inch	
3	Q5669-60698	Starwheel Lifter	All	All	8-172
4	Q5669-60713	Cutter Assembly	All	All	8-38
5	Q5669-60701	Full Bleed Foam Kit	All	24 inch	8-179
	Q6659-60182			44 inch	

^a Refers to the page in the Removal and Installation Chapter

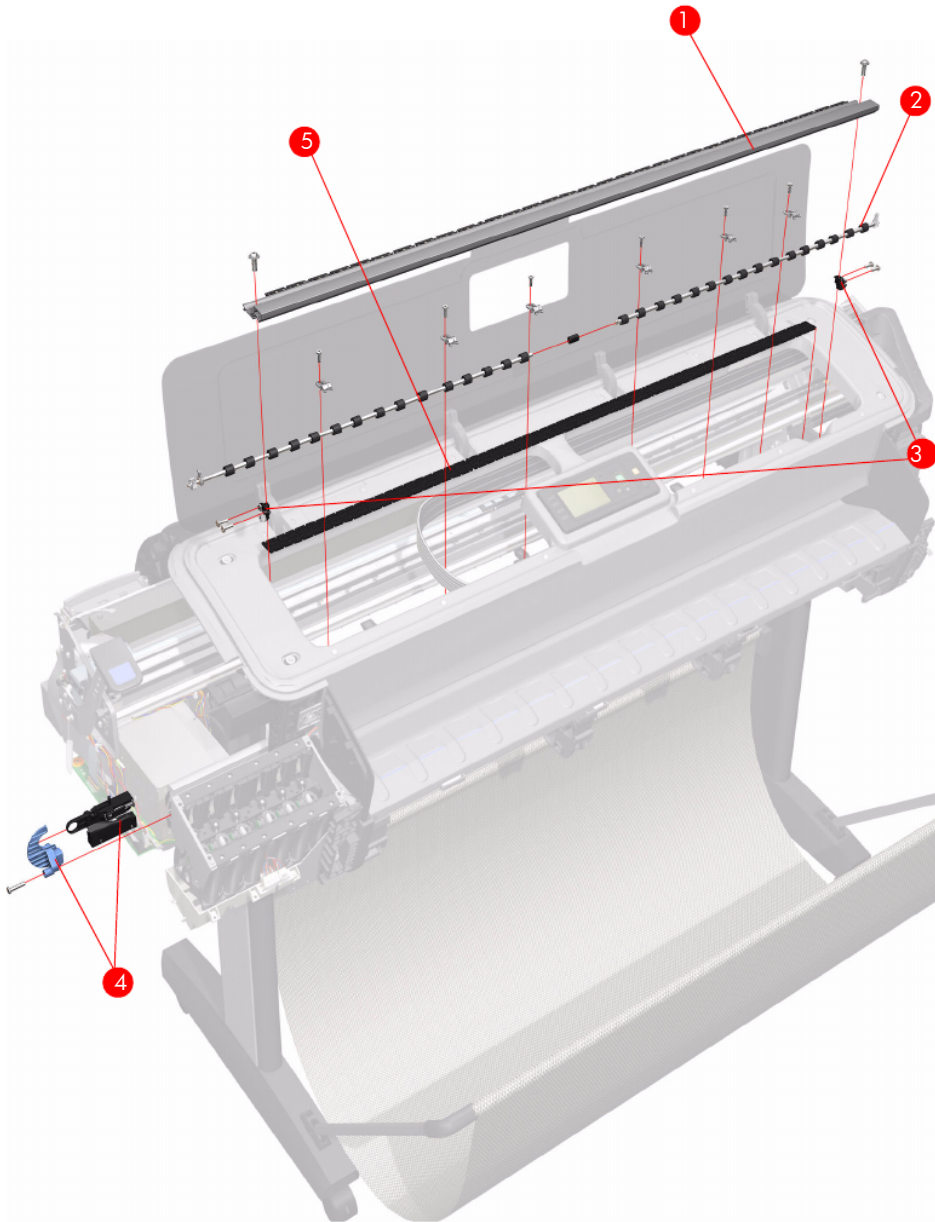


Figure 7-10: Paper Path Assemblies (Front)

Paper Path Assemblies (Rear)

Reference on Figure	HP Part Number	Part Description	Printer Model	Size	Page ^a
1	Q5669-60708	Pinch Roller	All	All	8-171
2	Q6687-60085	Pinchwheel Assembly	All	All	8-166
3	Q6677-60019	Left Roll Guide	All	44 inch	8-82
4	Q6687-60082	Left Spindle Holder	All	All	8-71
5	Q5669-60710	Spindle	All	24 inch	8-70
	Q6687-67001			44 inch	
6	Q6683-67009	Right Spindle Holder	All	24 inch	8-72
	Q6687-67004	Right Spindle Holder (rewinder included)		44 inch	8-74
7	Q6675-60044	Right Roll Guide	All	All	8-83
8	Q6683-67005	Media Advance Roller	All	24 inch	8-160
	Q6687-67002			44 inch	

^a Refers to the page in the Removal and Installation Chapter

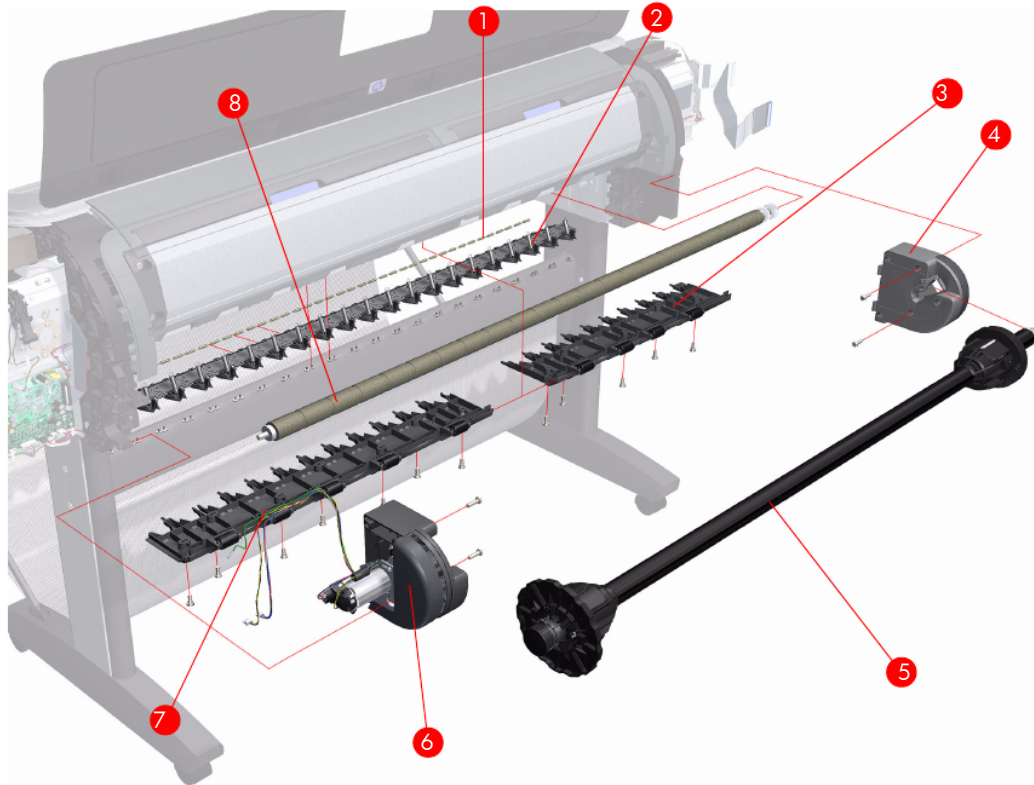


Figure 7-11: Paper Path Assemblies (Rear)

Miscellaneous Parts

HP Part Number	Part Description	Printer Model	Size
Q6683-67007	Preventive Maintenance Kit #1	All	24 inch
Q6687-67003			44 inch
Q6683-67006	Preventive Maintenance Kit #2 (Service Station)	All	All
Q6683-67008	Preventive Maintenance Kit #3	All	All
Q6683-60229	Preventive Maintenance Kit #4 (Trailing Cable)	All	24 inch
Q6659-60177			44 inch
Q6683-60241	Paper Advance Calibration Kit	All	24 inch
Q6687-60093			44 inch
Q6675-60092	Harness Cables (includes Left ISS, Right ISS, Printmech PCA 24 inch and 44 inch)	All	All
Q5669-60690	Flex Contacts Cleaning Tool	All	All
Q6687-60084	Pinchwheel Insertion Tool	All	All
Q6675-67017	Spanner Tool	All	All
Q6675-67018	Media Driver Tool Kit (includes the Handle for Media Driver Tool Support and the Media Driver Adjustment Tool)	All	All
Q5669-60692	Lubrication Kit	All	All
Q6683-60213	Serial Number Label	All	All
Q6675-67004	Ink System Purgers (6 Units)	All	All
Q6675-67005	Ink System Purgers (100 Units)	All	All
Q6675-67006	Double Sided Adhesive Pad	All	All
Q6683-67001	Tool Kit	All	All