
Parts and Diagrams

Exchange Assemblies

Exchange assemblies are factory-repaired and tested assemblies that you can order; they are listed in the following table. Exchange assemblies are available only on a trade-in basis; therefore, you must return the defective assemblies for credit.

Exchange Assemblies			
	HP Part Number	Qty	Description
230 250C	C3190-60139	1	Electronics Module
330 350C	C4699-60039	1	Electronics Module

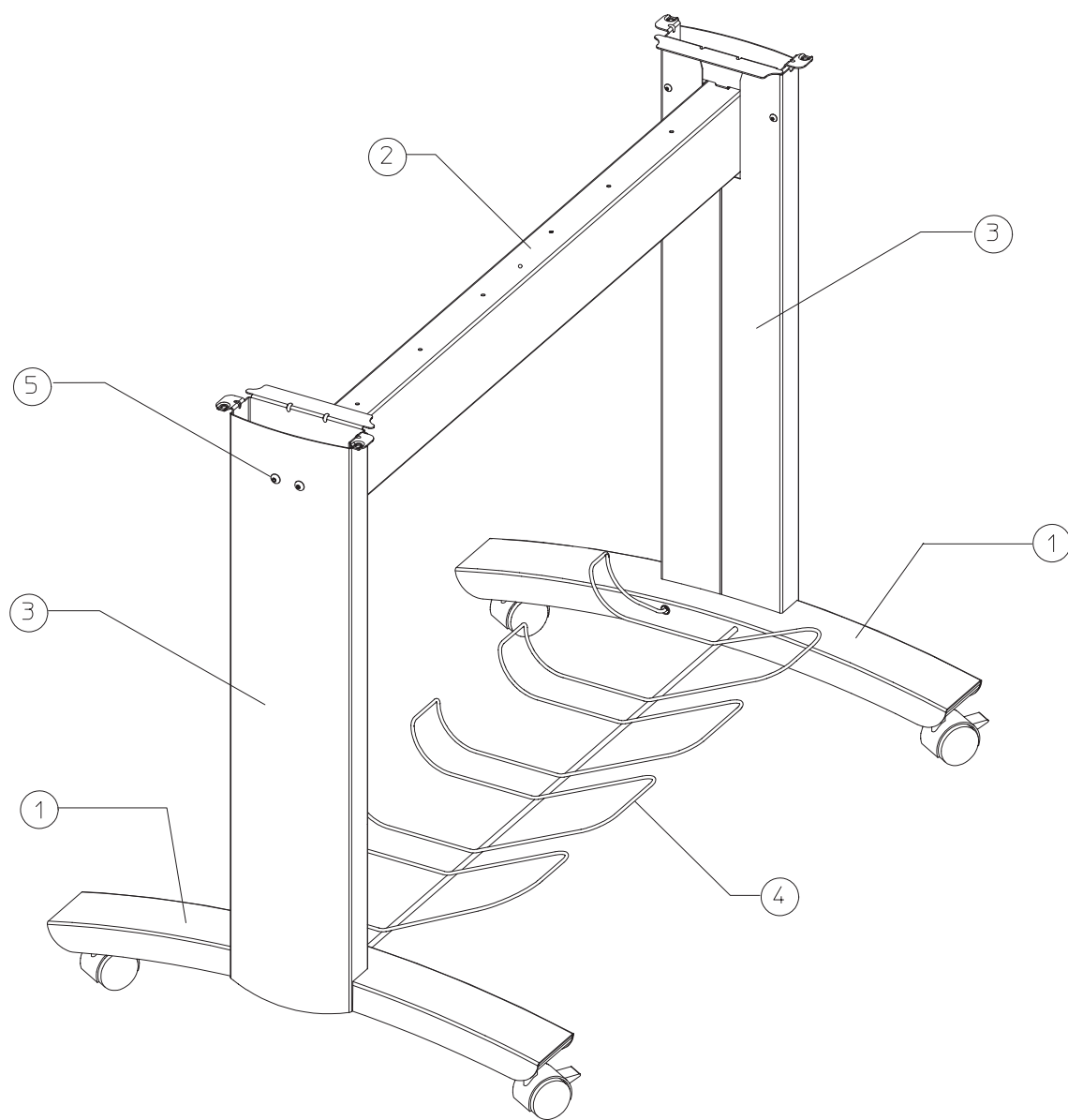
Replacement Parts

Parts shown in the drawings in this chapter are listed in the corresponding part lists. Match the appropriate number on the drawing with the same number in the parts list for information on that part. The total quantity for each part on the drawing is given as well as the part number.

To obtain replacement parts, contact the nearest HP Support Office. You must include the part number and part description in the order you send. Also include the plotter model and serial number.

Legs

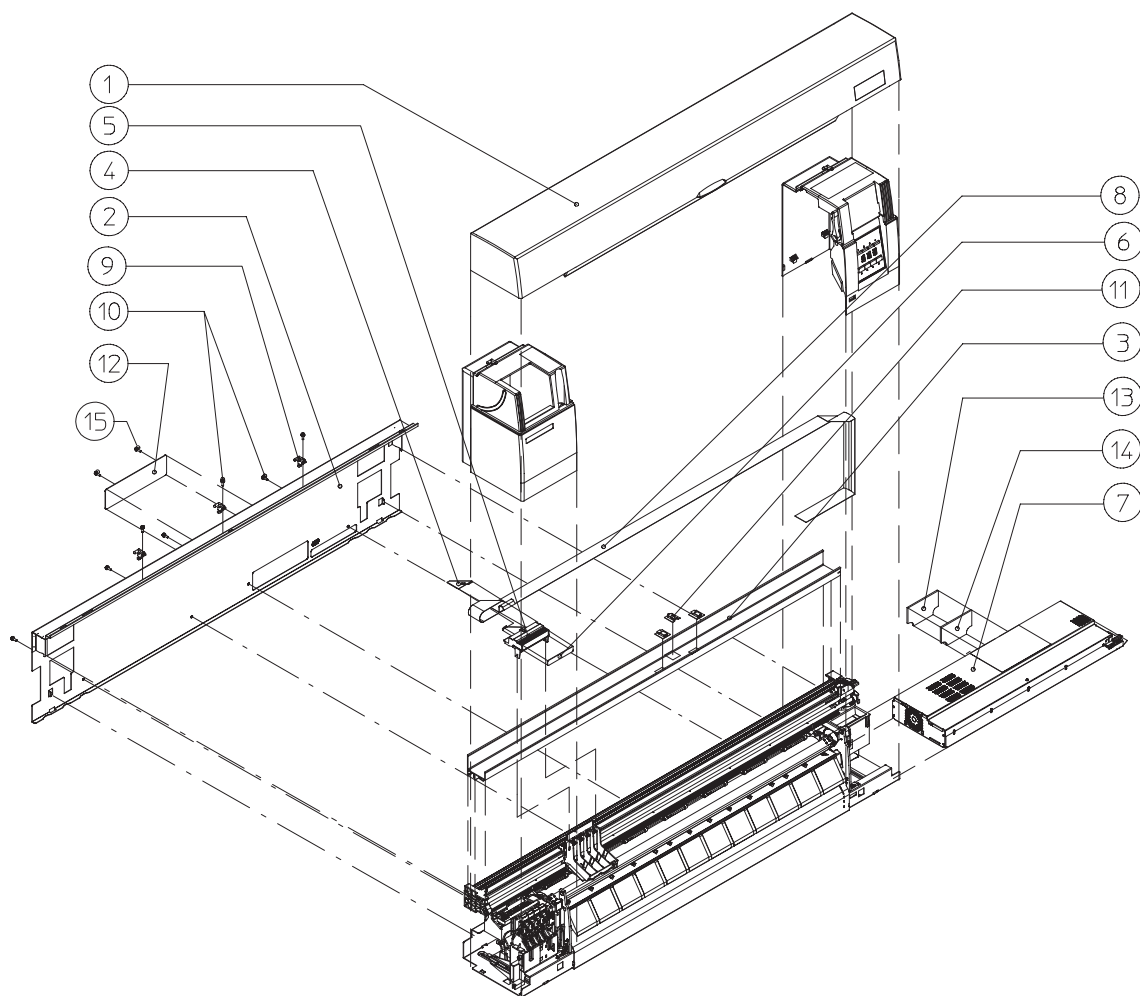
Reference on Drawing	HP Part Number	Quantity	Description
1	C3192-60003	2	Foot assembly
2	C3192-60001	1	X Brace Assembly (D/A1-size)
	C3193-60001	1	X Brace Assembly (E/A0-size)
3	C3192-60002	2	Legs Assembly
4	C3193-60003	1	Paper Diverter Assembly (E/A0-size plotters only)
5	C3192-00009	14	Screw



Legs

Top and Back Covers, Electronics, Trailing Cable

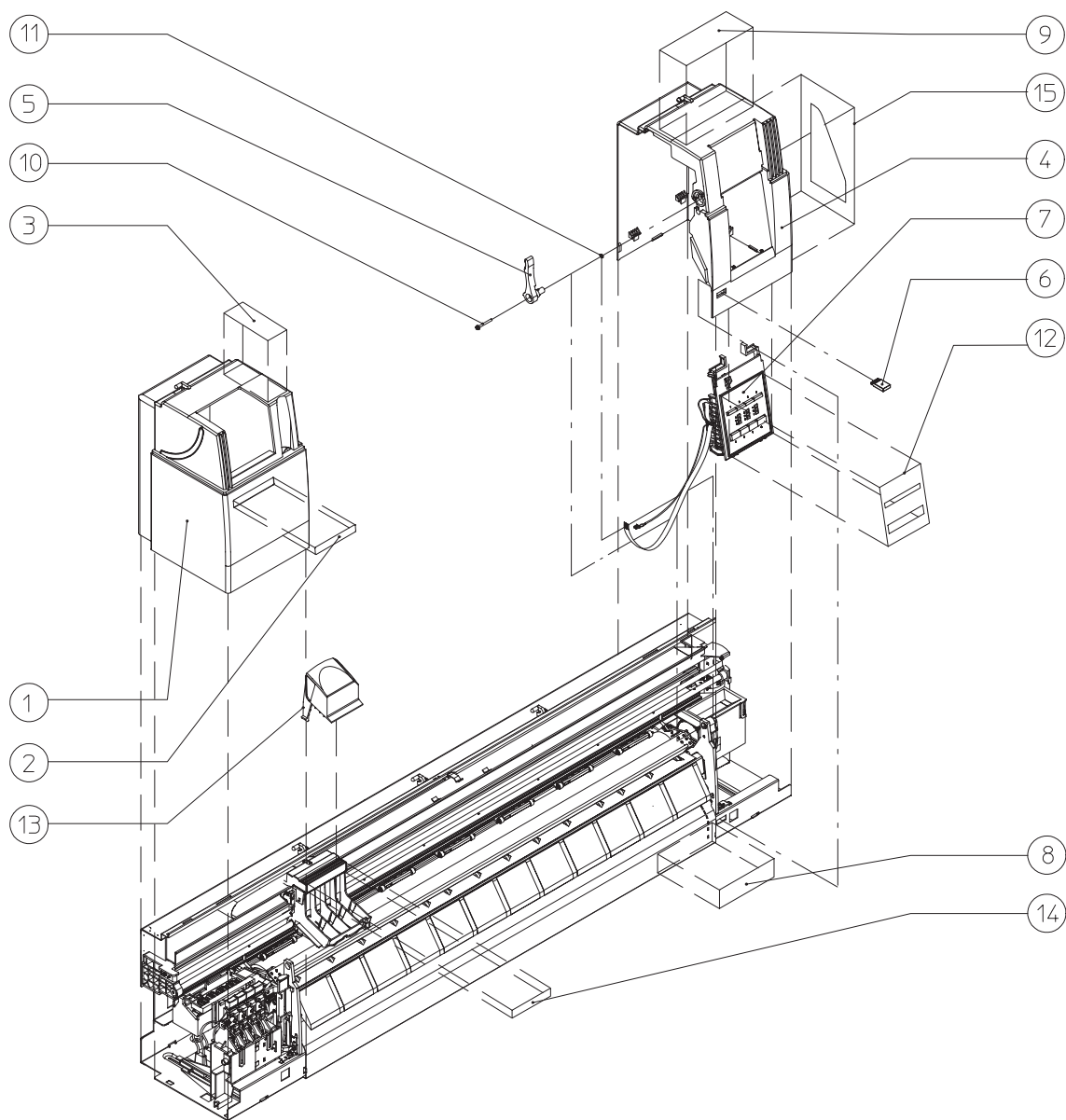
Reference on Drawing	HP Part Number		Quantity	Description
	DesignJet 330/350C	DesignJet 230/250C		
1	C4699-40003	C4699-40003	1	Top Cover (D/A1-size)
	C4700-40003	C4700-40003	1	Top Cover (E/A0-size)
2	C3190-60082	C3190-60082	1	Back Cover Assy (D/A1-size)
	C3191-60082	C3191-60082	1	Back Cover Assy (E/A0-size)
3	C3190-20006	C3190-20006	1	Trailing-Cable Guide (D/A1-size)
	C3191-20006	C3191-20006	1	Trailing-Cable Guide (E/A0-size)
4	C1676-00055	C1676-00055	1	Trailing-Cable metal Clip
5	C3190-40024	—	1	Carriage Top
	—	C3190-40024	1	Carriage Top (DesignJet 250C)
	—	C4694-40002	1	Carriage Top (DesignJet 230)
6	C3178-00030	C3178-00030	1	Carriage Label (DesignJet 350C/250C)
6	C4701-00009	—	1	Carriage Label (DesignJet 330)
7	See page 10-2	See page 10-2	1	Electronics Module
8	C3190-60038	C3190-60038	1	Trailing Cable Assy (D/A1-size)
	C3191-60038	C3191-60038	1	Trailing Cable Assy (E/A0-size)
9	C3190-40041	C3190-40041	3	Top-Cover Hinge
10	0515-2282	0515-2282	7	Screw M4 x 10 Tap T20
11	1400-1021	1400-1021	3	Trailing-Cable Plastic Clip
12	C3190-00009	C3190-00009	1	Cover Plate
13	See page 10-28	See page 10-28		DRAM SIMM (Optional)
14	C3178-60002	—		ROM SIMM (DesignJet 350C)
	C4699-60104	—		ROM SIMM (DesignJet 330)
	—	C3190-60152		ROM SIMM
15	0515-2246	0515-2246		Screw M4 Torx



Top and Back Covers, Electronics, Trailing Cable

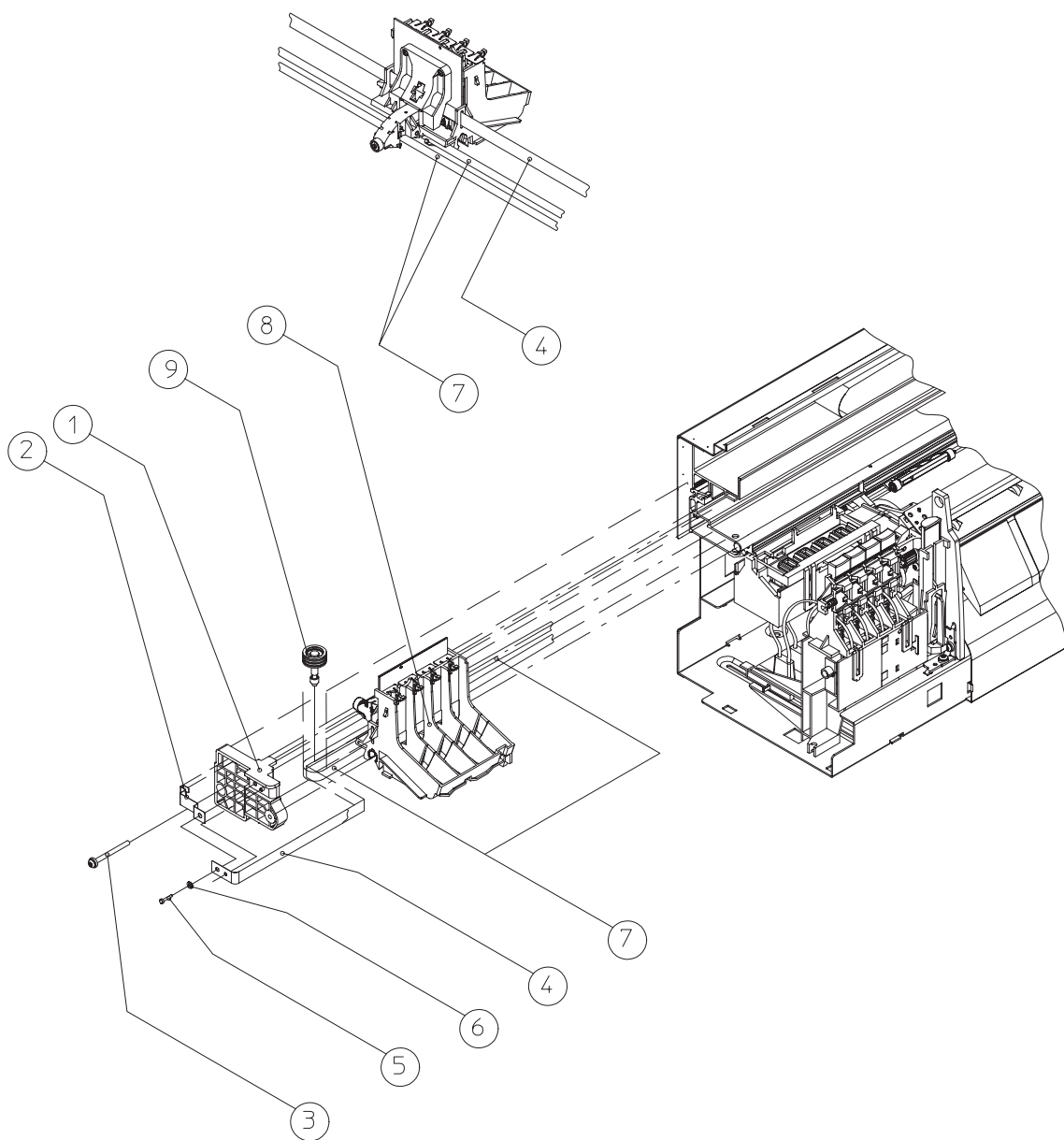
End Covers

Reference on Drawing	HP Part Number		Quantity	Description
	DesignJet 330/350C	DesignJet 230/250C		
1	C4699-40004	C4699-40004	1	Left End-Cover
2	C4699-00008	—	1	Nameplate (DesignJet 350C)
	C4701-00008	—	1	Nameplate (DesignJet 330)
	—	C3190-00022	1	Nameplate (DesignJet 250C)
	—	C4694-00001	1	Nameplate (DesignJet 230)
3	C4699-00007	C4699-00007	1	Instruction Label
4	C4699-40005	C3190-40016	1	Right End-Cover
5	C3190-40029	C3190-40029	1	Pinch-Arm Lever
6	C3190-40045	C3190-40045	1	Switch Button
7	C3190-60144	C3190-60144	1	Front Panel Assy
8	C4699-00009	C3190-00033	1	Media Label
9	5961-3524	5961-3508	1	Serial Label
10	0515-1349	0515-1349	1	Screw M3 x 30 Mach T10
11	0535-0031	0535-0031	1	Nut HGX M3 x 2.4
12	See page 10-27	See page 10-27	1	Front-Panel Overlay
13	C4701-40001	—	1	Cartridge Cover (DesignJet 330)
14	C3178-00030	C3178-00030	1	Carriage Label (DesignJet 350C/250C)
	C4701-00009	—	1	Carriage Label (DesignJet 330)
15	C3190-40052	C3190-40052	1	QRG Holder



End Covers

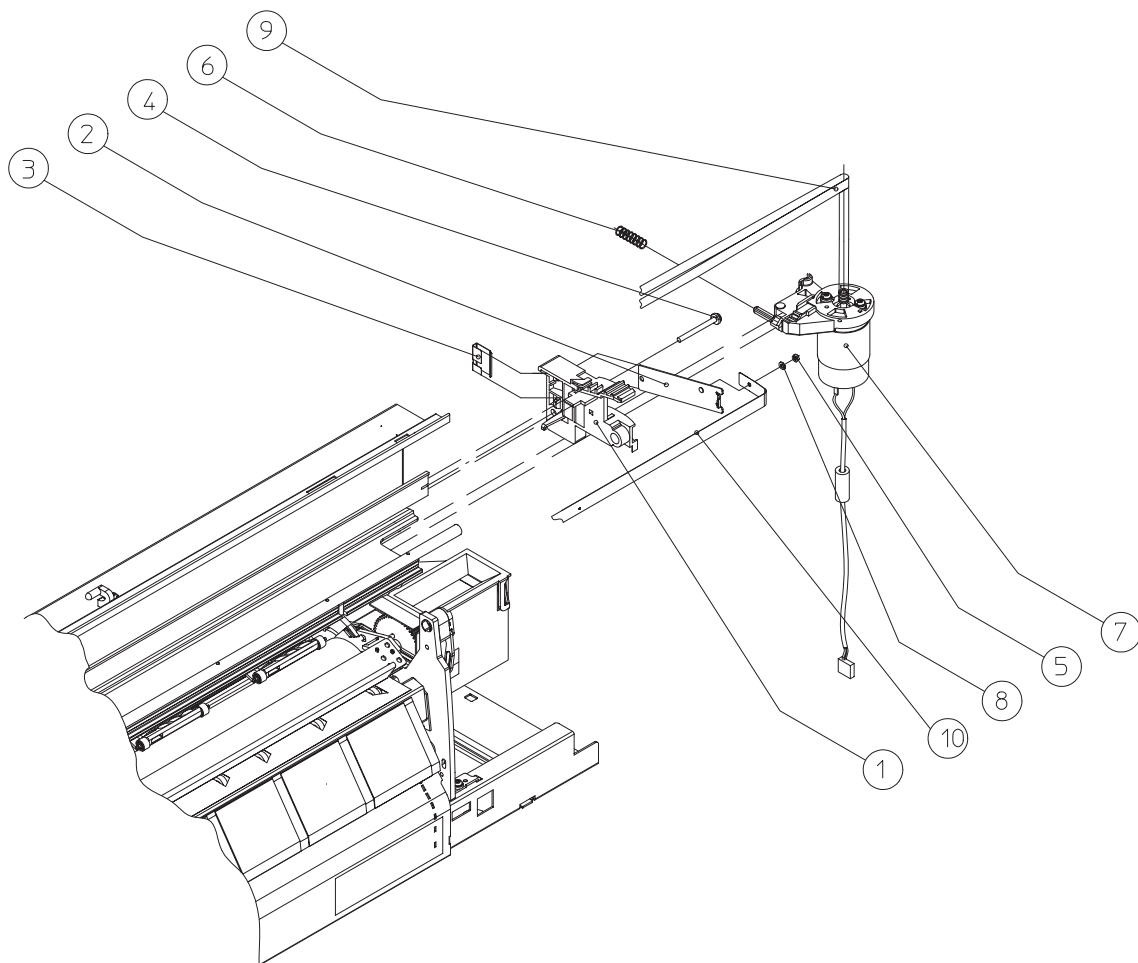
Carriage-Axis (Left End)				
Reference on Drawing	HP Part Number		Quantity	Description
	DesignJet 330/350C	DesignJet 230/250C		
1	C3190-40040	C3190-40040	1	Left Bracket
2	C3190-00012	C3190-00012	1	Left Strap
3	0515-2765	0515-2765	1	Screw M4.2 x 35 Pan Torx Stl
4	C3190-60106	C3190-60106	1	Encoder Strip (D/A1-size)
	C3191-60106	C3191-60106	1	Encoder Strip (E/A0-size)
5	0624-0704	0624-0704	1	Screw 6-19 .375 Plas T15
6	3050-1267	3050-1267	1	Washer
7	C3190-40048	C3190-40048	1	Carriage Belt (D/A1-size)
	C3191-40048	C3191-40048	1	Carriage Belt (E/A0-size)
8	C4699-60036	—	1	Carriage assembly
	—	C3190-60143	1	Carriage assembly (250C)
	—	C4694-60050	1	Carriage assembly (230)
9	C3190-60132	C3190-60132	1	Pulley Assembly (Incl. pulley, shaft and spacer)



Carriage-Axis (Left End)

Carriage-Axis (Right End)

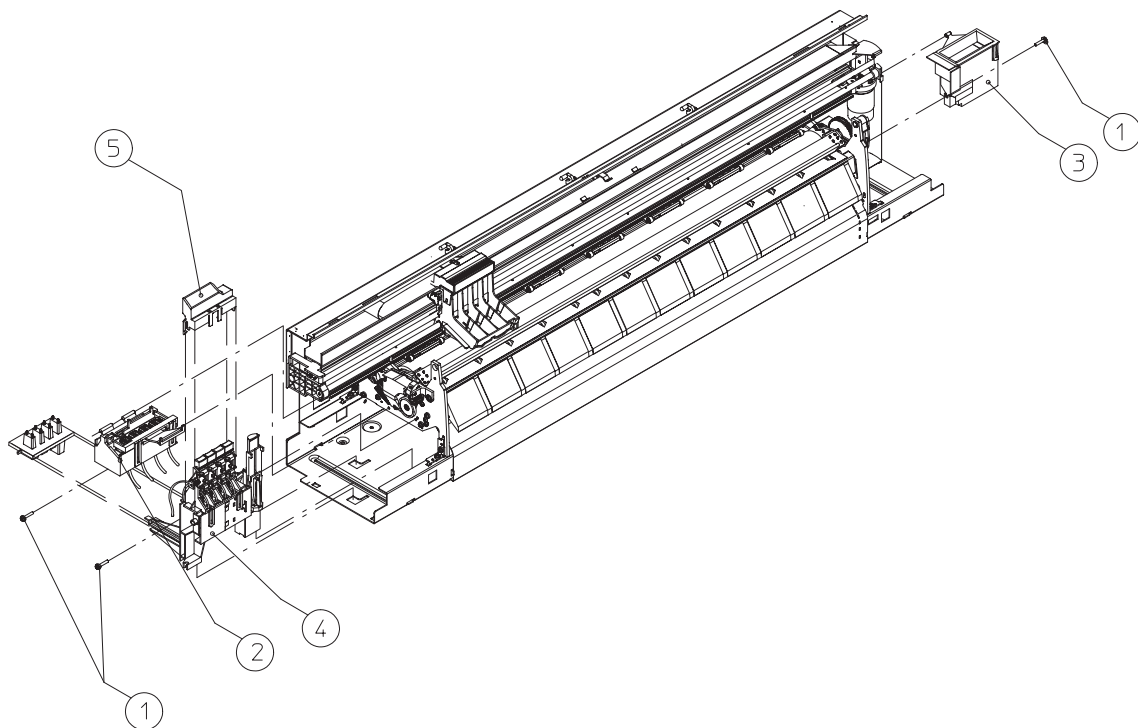
Reference on Drawing	HP Part Number	Quantity	Description
1	C3190-40039	1	Right Bracket
2	C3190-00015	1	Encoder Spring
3	C3190-00013	1	Right Strap
4	0515-2765	1	Screw M4.2 x 35 Pan Torx Stl
5	0535-0031	1	Nut Hex M3 x .5
6	C3190-80010	1	Tensioner Spring
7	C3190-60145	1	Carriage-Motor Assembly
8	3050-1267	1	Washer
9	C3190-40048	1	Carriage Belt (D/A1-size)
	C3191-40048	1	Carriage Belt (E/A0-size)
10	C3190-60106	1	Encoder Strip (D/A1-size)
	C3190-60106	1	Encoder Strip (E/A0-size)
—	6040-0858	AR	Lubricant



Carriage-Axis (Right End)

Service Station, Primer, Spittoon

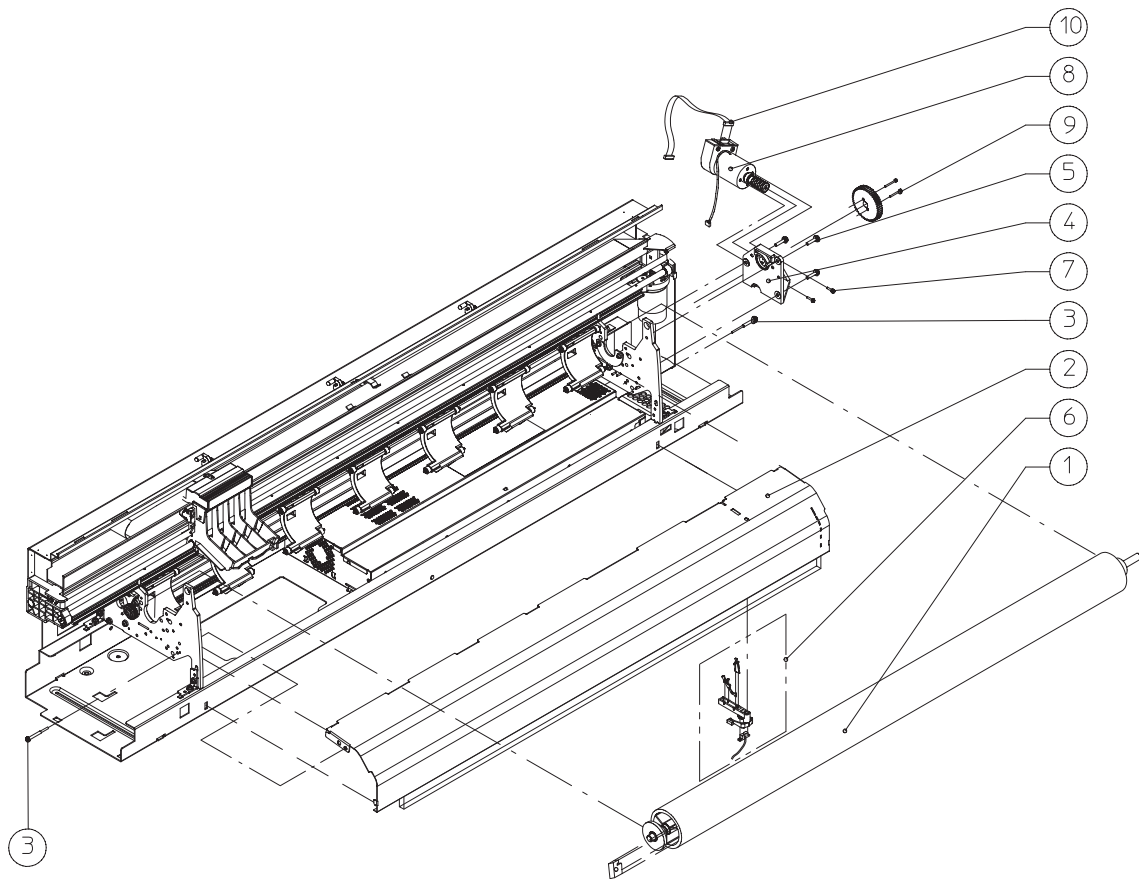
Reference on Drawing	HP Part Number		Quantity	Description
	DesignJet 330/350C	DesignJet 230/250C		
1	0515-1743	0515-1743	3	Screw M4 x 17 Tap 20
2	C3190-60142	C3190-60142	1	Service Station Assembly
3	C4699-60002	C3190-60004	1	Spittoon Assembly
4	C4699-60003	C3190-60002	1	Primer Assembly
5	C4701-40002	—	1	Primer Cover (DesignJet 330)
	—	C4694-40001	1	Primer Cover (DesignJet 230)



Service Station, Primer, Spittoon

Media Entry Path

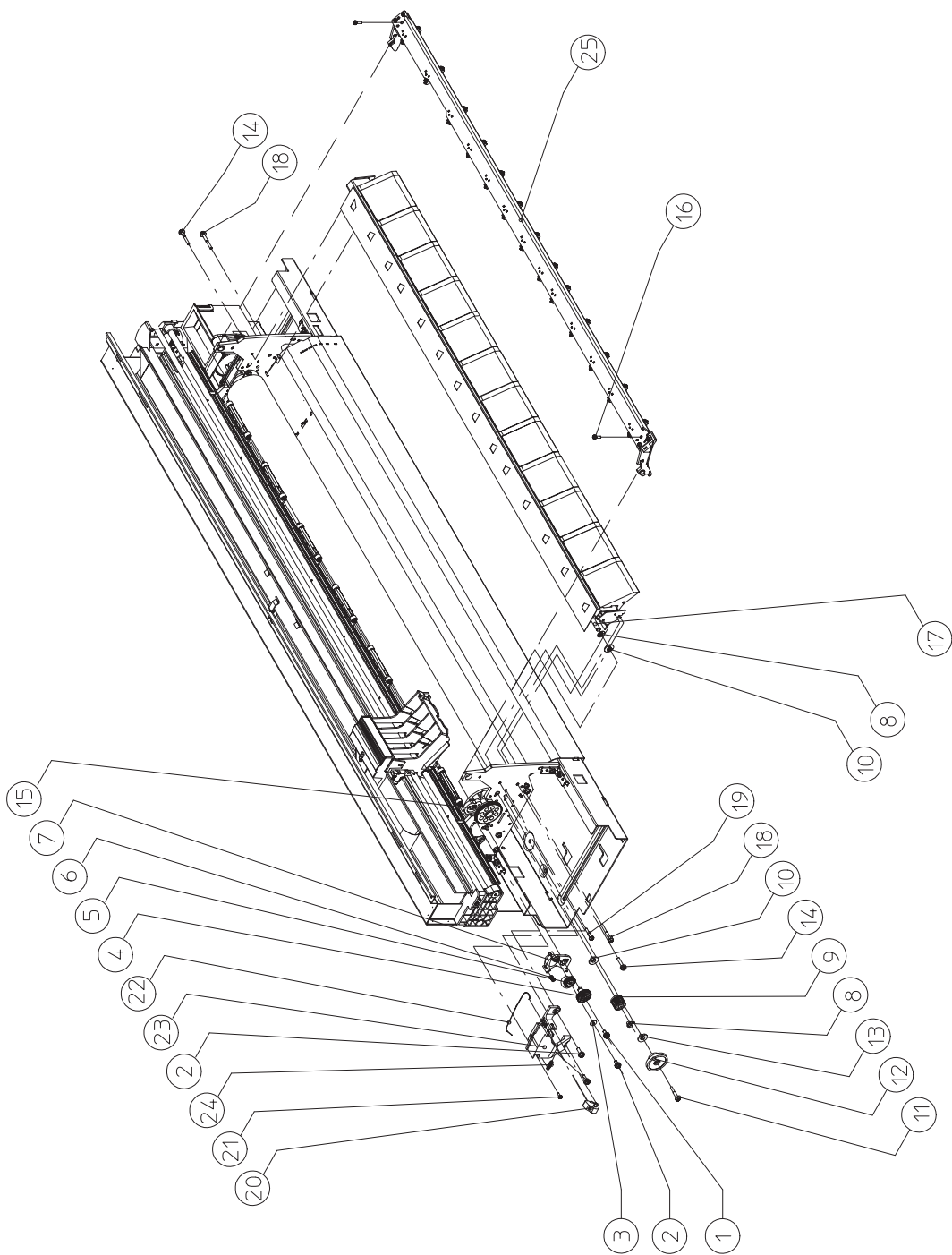
Reference on Drawing	HP Part Number		Quantity	Description
	DesignJet 330/350C	DesignJet 230/250C		
1	—	C2858-60054	1	Drive Roller (D/A1-size)
	—	C2859-60004	1	Drive Roller (E/A0-size)
	C4699-60042	—	1	Drive Roller Assembly (D/A1-size)
	C4700-60042	—	1	Drive Roller Assembly (E/A0-size)
—	C3190-60155	C3190-60155	AR	Lubricant
2	C4699-60040	C3190-60090	1	Entry platen Assy (D/A1-size) (Incl. Antistatic Brush)
	C4700-60040	C3191-60090	1	Entry platen Assy (E/A0-size) (Incl. Antistatic Brush)
3	0515-2337	0515-2337	2	Screw M4 Dogpoint Tap
4	C1633-20006	C1633-20006	1	Media-Motor Mount
5	0515-2248	0515-2248	3	Screw M4 x 14 Tap T20
6	C3190-60140	C3190-60140	1	Media Sensor Assembly
7	0515-0382	0515-0382	2	Screw M4 x 15 Mach T15
8	C4699-60038	C3190-60133	1	Media-Motor Assembly (Incl. Helical Gear and Gear Screws)
9	0505-1349	0505-1349	2	Screw M3 x 30 Mach T10
10	C3180-60012	C3180-60012	1	Encoder Cable



Media Entry Path

Bail and Overdrive

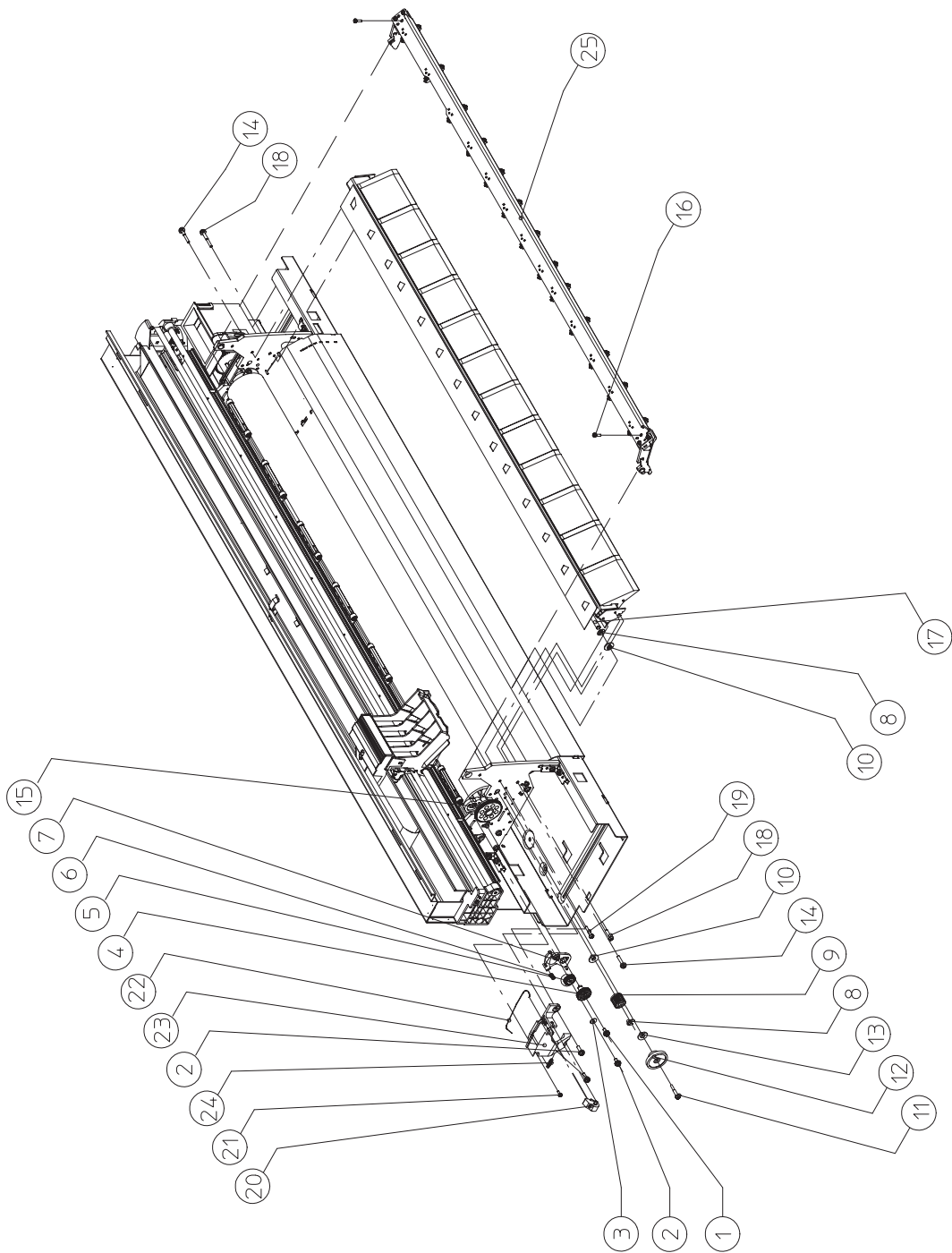
Reference on Drawing	HP Part Number	Quantity	Description
1	0624-0617	1	Screw 6-9 .937 Plast T15
2	0624-0745	2	Screw M4 x 10 Tap T20
3	3050-0026	1	Washer 3.2 mm
4	C3190-40019	1	Cam Gear
5	C1633-40027	1	Engaging Gear
6	C3190-80013	1	Cable Spring
7	C3190-40021	1	Gear Support
8	0510-0083	2	Ring Net .250 OD
9	C3190-60131	1	Clutch Assembly (Incl. Rings and Bushings)
10	C3190-40055	2	Sideplate Bushing
11	C1633-20021	1	Shoulder Screw
12	C1633-40019	1	Overdrive Gear
13	3050-1415	1	Washer Flat
14	0515-1743	1	Screw M4 x 17 Tap T20
15	C3190-40020	1	Bail-Lift Cam
16	0624-0704	6	Screw Plas 6-19 x 375



Bail and Overdrive

Bail and Overdrive (Continued)

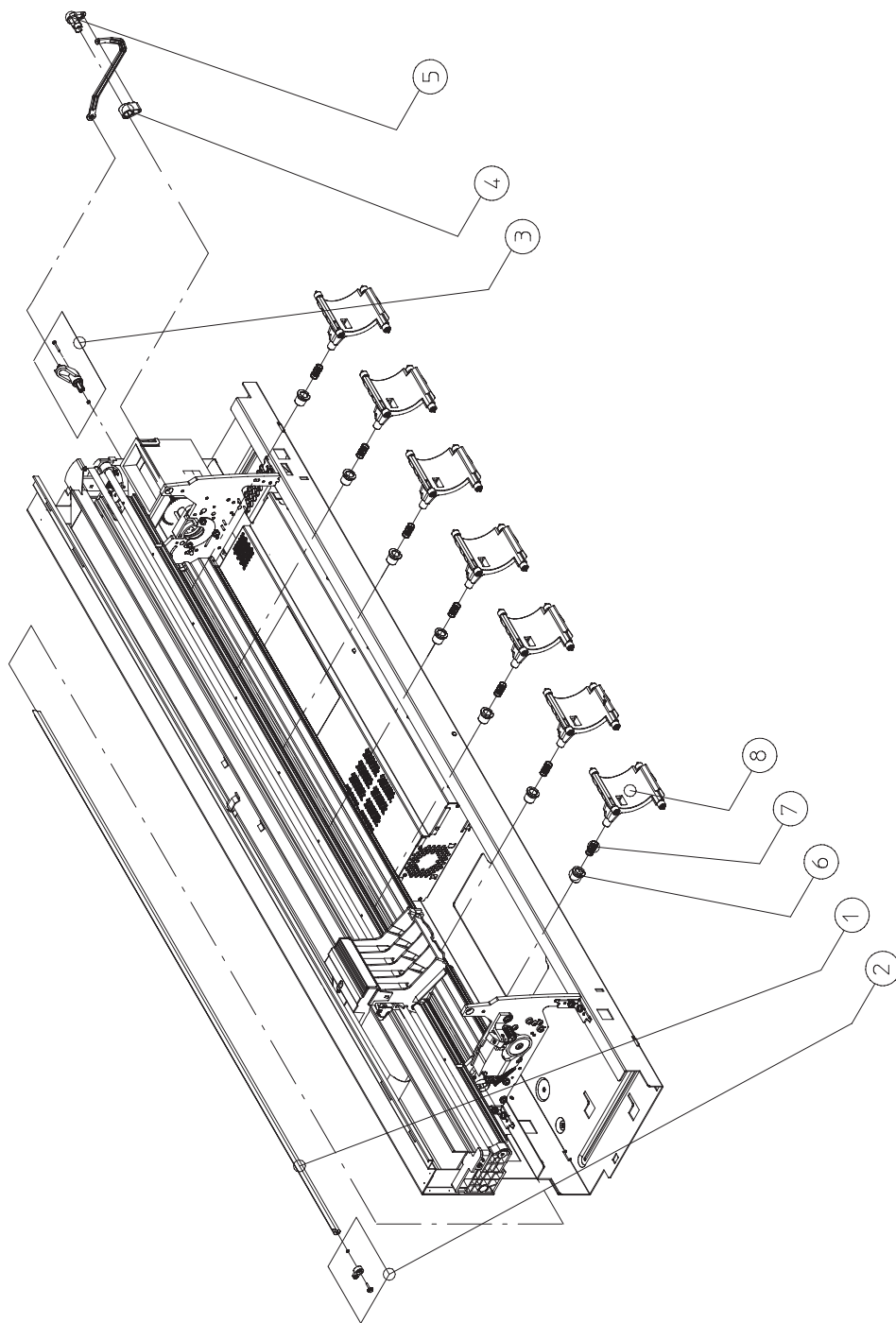
Reference on Drawing	HP Part Number	Quantity	Description
17	C3190-60096	1	Overdrive Roller (D/A1-size) (Incl. Items 8 & 10)
	C3191-60096	1	Overdrive Roller (E/A0-size) (Incl. Items 8 & 10)
18	C3180-20001	2	Alignment Screw
19	0515-2337	2	Screw M4 Long Dogpoint
20	C3190-40022	1	Engaging Lever
21	0515-2200	1	Screw M3 x 8 Tap T10
22	C3190-60007	1	Bail Cable
23	C3190-40023	1	Engaging-Lever Support
24	07575-80012	1	Gear-Support Spring
25	C3190-60095	1	Bail Assembly (D/A1-size)
	C3191-60095	1	Bail Assembly (E/A0-size)



Bail and Overdrive

Pinch-Arm Assembly

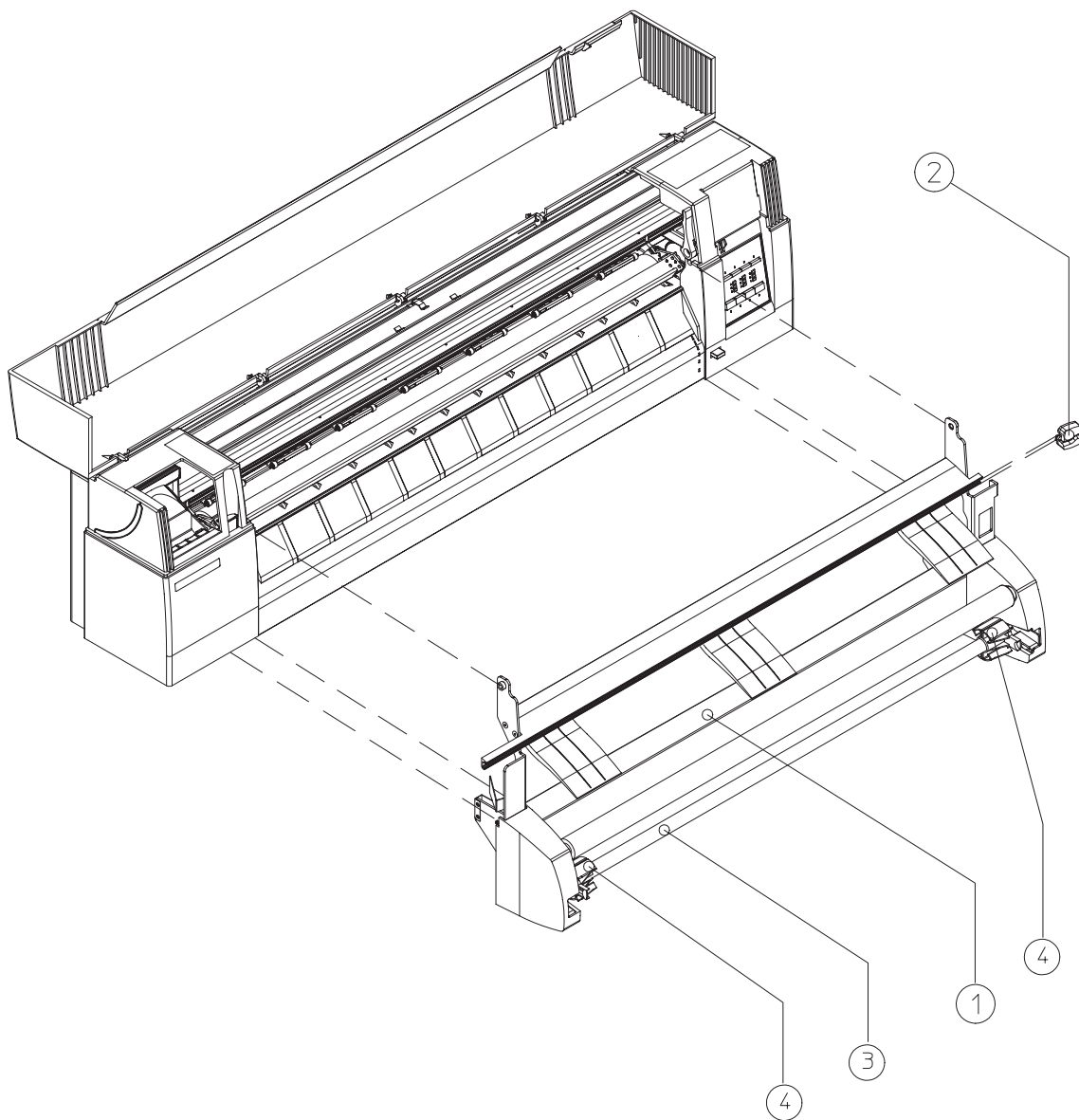
Reference on Drawing	HP Part Number	Quantity	Description
1	C2847-20005	1	Pinch-Arm Bar Cam (D/A1-size)
	C1633-20012	1	Pinch-Arm Bar Cam (E/A0-size)
2	C3190-60149	1	Left Cam Journal Assembly
3	C4699-60037	1	Right Cam Journal Assembly
4	C3190-40028	1	Lever Crank
5	C3190-40034	1	Crank Cover
6	C1633-40082	5	Pinch-Arm Bushing (D/A1-size)
	C1633-40082	7	Pinch-Arm Bushing (E/A0-size)
7	C1633-80005	5	Pinch-Arm Spring (D/A1-size)
	C1633-80005	7	Pinch-Arm Spring (E/A0-size)
8	C3190-60029	5	Pinch-Arm Assembly (D/A1-size)
	C3190-60029	7	Pinch-Arm Assembly (E/A0-size)



Pinch-Arm Assembly

Roll-Feed Assembly (DesignJet 330 and 350C Only)

Reference on Drawing	HP Part Number	Quantity	Description
1	C3174-60013	1	Roll-Feed Assembly (D/A1-size)
	C3175-60013	1	Roll-Feed Assembly (E/A0-size)
2	C3174-60004	1	Cutter Assembly
3	C3174-60005	1	Spinde (D/A1-size)
	C3175-60005	1	Spindle (E/A0-size)
4	C3174-40011	2	End Cap



Roll-Feed Assembly

Accessories

Description	HP Part Number	
	DesignJet 230/250C and 330/350C	
Repackaging Kit	D/A1 Size: C3190-60098	E/A0 Size: C3191-60098
User Documentation + Overlay	DesignJet 230	DesignJet 250C
Chinese	C4694-60020	C3190-60060
English	C4694-60011	C3190-60051
French	C4694-60015	C3190-60055
German	C4694-60014	C3190-60054
Italian	C4694-60017	C3190-60057
Japanese	C4694-60018	C3190-60058
Korean	C4694-60012	C3190-60052
Portuguese	C4694-60019	C3190-60059
Spanish	C4694-60016	C3190-60056
Taiwanese	C4694-60013	C3190-60053
User Documentation	DesignJet 330/350C	
Chinese	C4699-90100	
English	C4699-90091	
French	C4699-90095	
German	C4699-90094	
Italian	C4699-90097	
Japanese	C4699-90098	
Korean	C4699-90092	
Portuguese	C4699-90099	
Spanish	C4699-90096	
Taiwanese	C4699-90093	

Description		HP Part Number	
Front-Panel Overlay		DesignJet 230	DesignJet 250C
Chinese		C4694-60010	C3190-60050
English		C4694-60001	C3190-60041
French		C4694-60005	C3190-60045
German		C4694-60004	C3190-60044
Italian		C4694-60007	C3190-60047
Japanese		C4694-60008	C3190-60048
Korean		C4694-60002	C3190-60042
Portuguese		C4694-60009	C3190-60049
Spanish		C4694-60006	C3190-60046
Taiwanese		C4694-60003	C3190-60043
Front-Panel Overlay		DesignJet 330	DesignJet 350C
Chinese		C4701-60020	C4699-60020
English		C4701-60011	C4699-60011
French		C4701-60015	C4699-60015
German		C4701-60014	C4699-60014
Italian		C4701-60017	C4699-60017
Japanese		C4701-60018	C4699-60018
Korean		C4701-60012	C4699-60012
Portuguese		C4701-60019	C4699-60019
Spanish		C4701-60016	C4699-60016
Taiwanese		C4701-60013	C4699-60013
Other Documentation		DesignJet 330/350C	DesignJet 230/250C
HP CAD Plotters Software/Hardware Guide		5964-3839	5963-2170 / 5963-2182
		DesignJet 230/250C and 330/350C	
Software Application Notes		C3190-90080	
HP-GL/2 and HP RTL Reference Guide		5959-9733	
HP-GL/2 and HP RTL Peripherals Product Comparison Guide		5959-9734	
Supplies Source (booklet)		5963-5162E	
Media Reference Guide		5963-5220 / 5963-5224	

Description		HP Part Number		
Print Cartridges	DesignJet 350C	DesignJet 230/330	DesignJet 250C	
	Black	51640A	51640A	
	Cyan	51644C	—	51650C
	Magenta	51644M	—	51650M
	Yellow	51644Y	—	51650Y
Plug-In Memory (DRAM SIMM)	DesignJet 230/250C and 330/350C			
	4-Mbyte SIMM	C3131A		
	8-Mbyte SIMM	C3133A		
	16-Mbyte SIMM	C3146A		
	32-Mbyte SIMM	C3975A ¹ C3578A ²		
¹ 32 bits wide, no parity				
² 36 bits wide, parity				
External Print Servers	DesignJet 330/350C	DesignJet 230/250C		
	HP JetDirect EX			
	Ethernet	J2591A	J2382B	
	Token Ring	—	J2383B	
	HP JetDirect EX Plus3			
	Ethernet	—	J2593A	
	Token Ring	J2594A	J2594A	
	HP JetDirect Software			
	For HP-UX	—	J2374C	
	For Sun UNIX	—	J2375C	
Color Upgrade Kit	DesignJet 330			
	C3178A			

Interface Cables

Parallel (Bi-Tronics/Centronics) Interface Cables

Computer	HP Part Number		Cable length	Connector type at computer end of cable
	DesignJet 330/350C	DesignJet 230/250C		
HP Vectra with HP 24540A/B serial/parallel interface card using the parallel connector.		92284A	2.1 m (6.9 ft)	25-pin male
	C2950A		2.0 m (6.9 ft)	25-pin male
HP 9000 workstations, series 300, 400, 700.	C2951A		3.0 m (9.8 ft)	25-pin male
IBM AT, IBM PS/2, IBM PC/XT and compatible computers.				

Serial (RS-232-C) Interface Cables

Computer	HP Part Number		Cable length	Connector type at computer end of cable
	DesignJet 330/350C	DesignJet 230/250C		
HP Vectra or HP 24541A/B serial interface card (9-pin connector).	24542G	24542G	3.0 m (9.8 ft)	9-pin female
HP 9000 workstations using 9-pin connectors.				
IBM AT and compatible computers using 9-pin serial connectors.				
HP Vectra PC with HP 24541A/B dual serial interface card using the 25-pin connector.	17255M	17255M	1.2 m (3.9 ft)	25-pin male
HP Apollo workstation using an SPE (Serial/Parallel Expansion) option and supplied adapter cable.				
DEC VAX.				
Sun workstation.				
IBM PC, PC/XT, IBM PS/2 and compatible computers	C2913A	17255D	1.2 m (3.9 ft)	25-pin female
DEC VAX using DEC BC22D, BC03M, or equivalent	17355M	17355M	3.0 m (9.8 ft)	

Computer	HP Part Number		Cable length	Connector type at computer end of cable
	DesignJet 330/350C	DesignJet 230/250C		
Apple Macintosh Plus, SE, II Series, Classic, LC family, Quadra family, PowerBook, PowerMac	17302A	17302A	1.5 m (4.9 ft)	8-pin male mini-DIN
Apple Macintosh 128K and 512K	92219M	92219M	1.5 m (4.9 ft)	9-pin male
Extension cable	31391A	31391A	5 m (16.4 ft)	25-pin female