

**PARTS LIST**  
**for the**  
***Kodak X-Omat 270* RA PROCESSOR**  
**in a**  
***Kodak X-Omat* MULTILOADER 300**



HEALTH IMAGING

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 This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
Locators .....	1-1
Covers and Panels .....	2-1
Roller Transport System .....	3-1
Main Drive Assembly .....	4-1
Dryer Assembly .....	5-1
Plumbing .....	6-1
Electrical .....	7-1
Miscellaneous .....	8-1
Numerical Parts Index .....	9-1
Alphabetical Parts Index .....	10-1
Publication History .....	11-1

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## Section 1: Locators

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### Table of Contents

Description	Page
Racks and Crossovers .....	1-2
Feed End .....	1-3
Dryer End .....	1-4

Figure 1-1 Racks and Crossovers

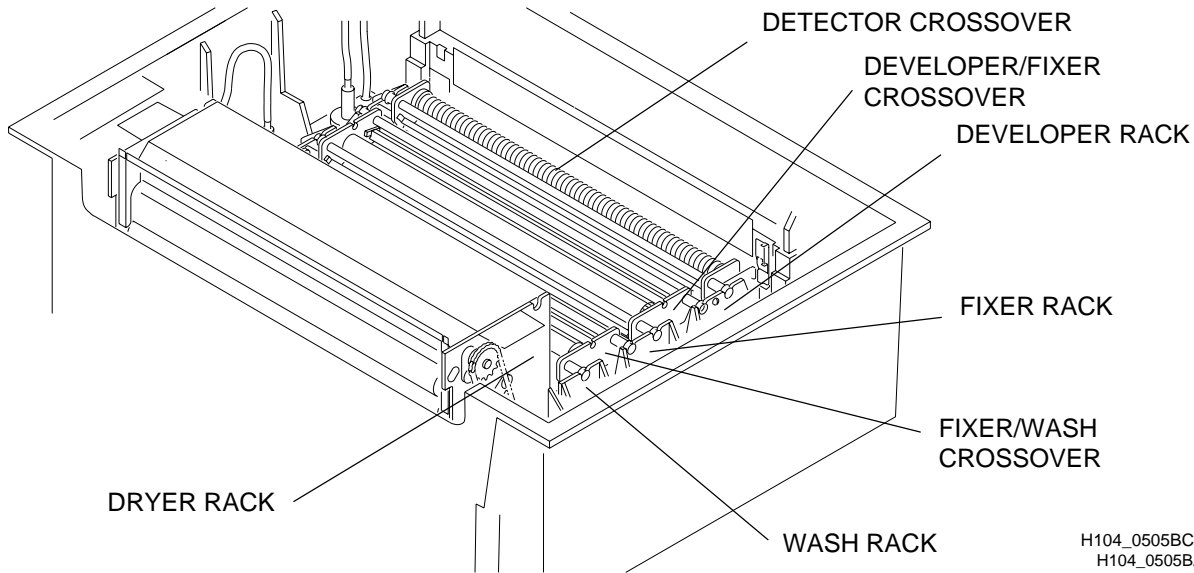
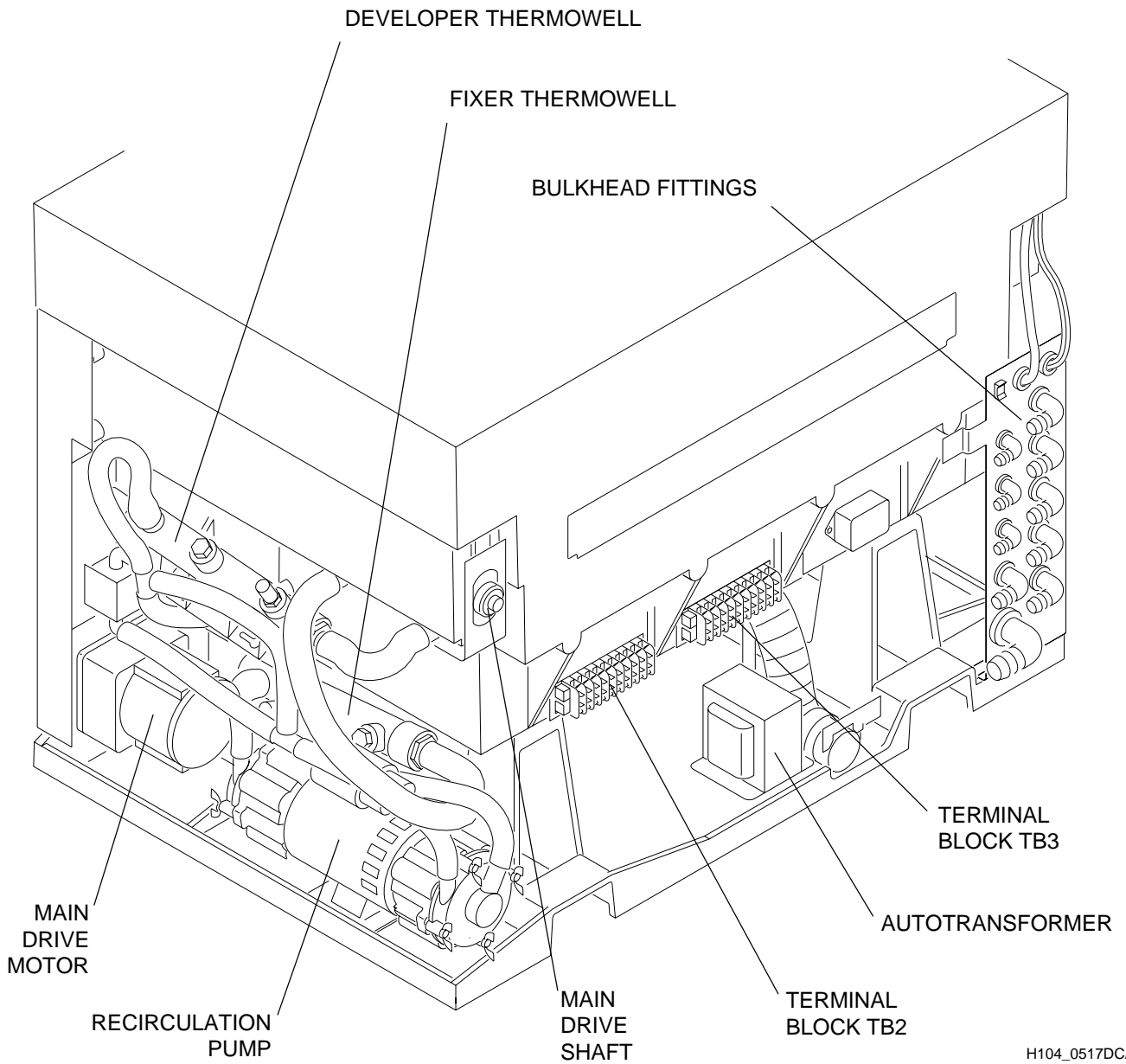
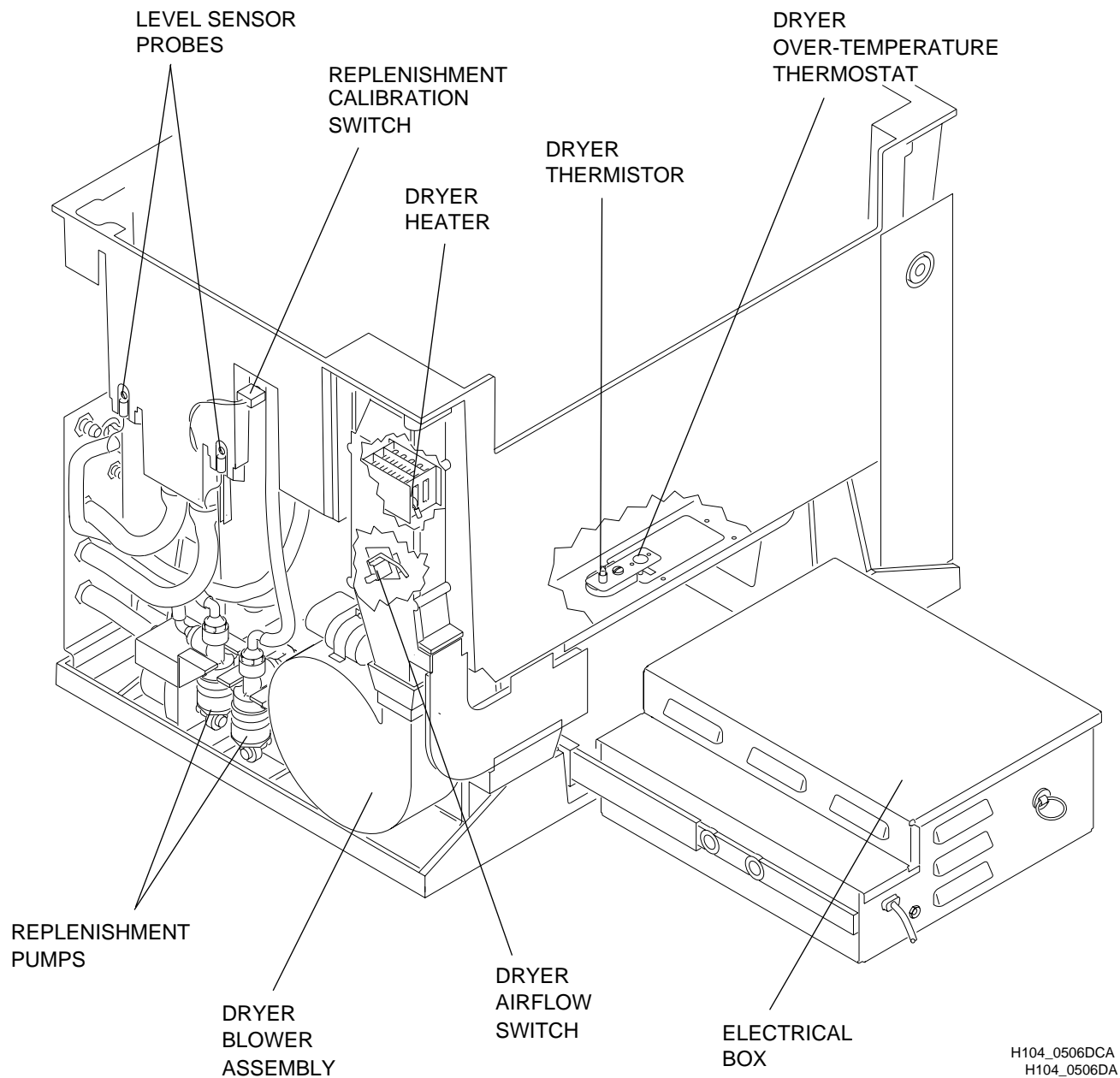


Figure 1-2 **Feed End**

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Figure 1-3 **Dryer End**



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# Section 2: Covers and Panels

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## Table of Contents

Description	Page
Covers and Panels .....	2-2

Figure 2-1 Covers and Panels

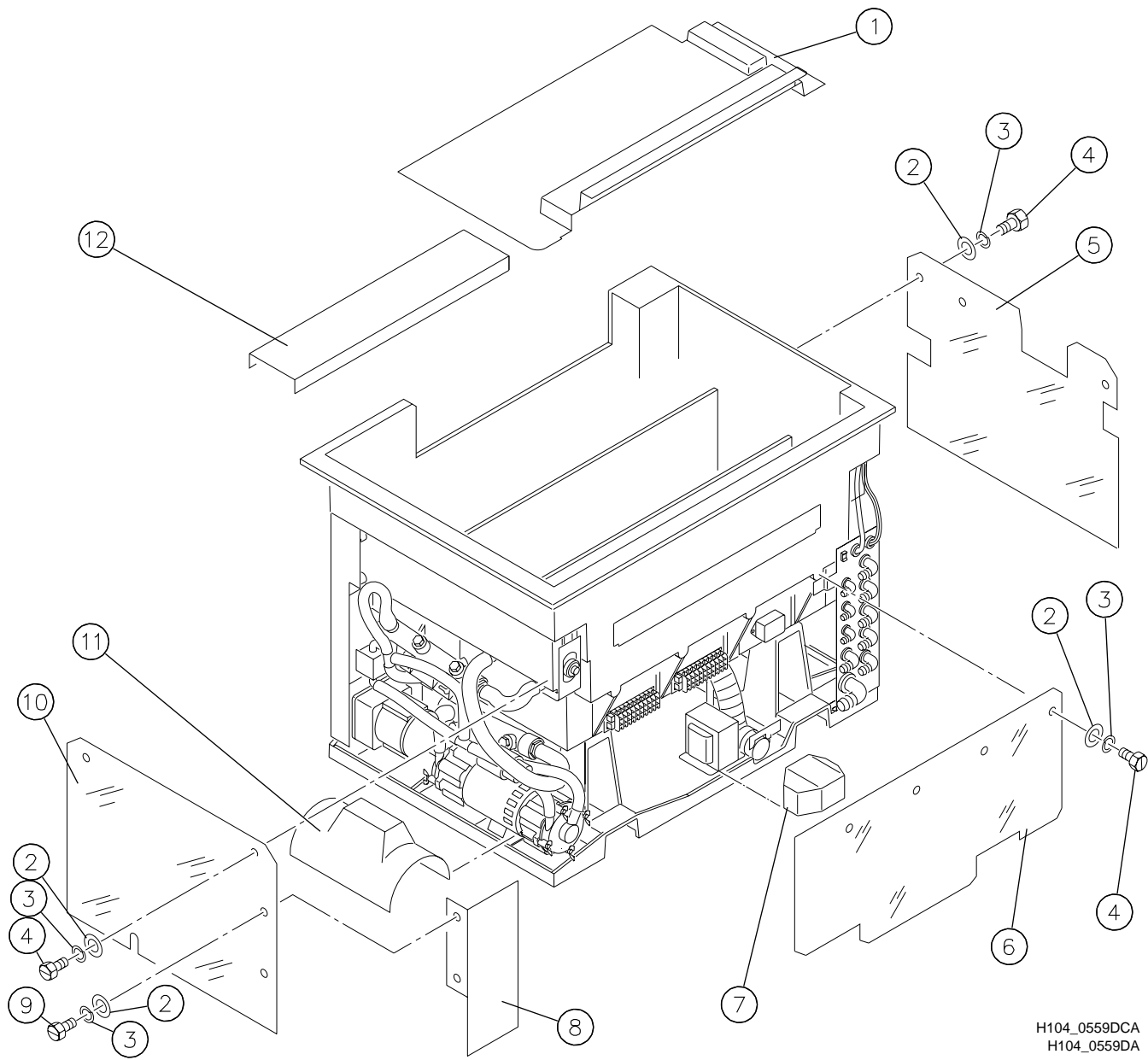




Figure 2–1

Item	Part No.	Description	Notes
1	5B6487	Cover - Wet Section	For serial numbers below 1300 For serial numbers 1300 and above
1	8B7357	Cover - Wet Section	
2	852799	Washer	
3	852961	Washer - Lock	
4	619284	Screw	
5	914916	Cover - Safety, Non-Drive Side	
6	914906	Cover - Safety, Feed End	
7	5B6883	Cover - Autotransformer	
8	914700	Bracket - Safety Panel	
9	187235	Screw	
10	914903	Cover - Safety, Drive side	
11	5B6884	Cover - Splash, Recirculation Pump	
12	613122	Cover - Evaporation	



## Section 3: Roller Transport System

### Table of Contents

Description	Page
Complete Rack and Crossover Assemblies . . . . .	3-4
Detector Crossover Assembly . . . . .	3-6
Detector Crossover - Drive Side . . . . .	3-8
Detector Crossover - Non-Drive Side . . . . .	3-10
Developer Rack Assembly . . . . .	3-12
Developer Rack - Roller Assemblies, Drive Side . . . . .	3-13
Developer Rack - Exit Rollers . . . . .	3-14
Developer Rack - Other Rollers . . . . .	3-16
Developer Rack - Master Rollers . . . . .	3-18
Developer Rack - Guide Shoes . . . . .	3-20
Developer/Fixer Crossover Assembly . . . . .	3-22
Developer/Fixer Crossover - Drive Side . . . . .	3-24
Developer/Fixer Crossover - Non-Drive Side . . . . .	3-26
Fixer Rack Assembly . . . . .	3-28
Fixer Rack - Roller Assemblies . . . . .	3-29
Fixer Rack - Exit Rollers . . . . .	3-30
Fixer Rack - Other Rollers . . . . .	3-32
Fixer Rack - Master Rollers . . . . .	3-34
Fixer Rack - Guide Shoes . . . . .	3-36
Fixer/Wash Crossover Assembly . . . . .	3-38
Fixer/Wash Crossover - Drive Side . . . . .	3-40
Fixer/Wash Crossover - Non-Drive Side . . . . .	3-42
Wash Rack - Serial Number Below 1300 with Mod 29 Installed . . . . .	3-44
Wash Rack - Serial Numbers Below 1300 with Mod 29 Installed - Guide Shoe . . . . .	3-46
Wash Rack - Serial Numbers Below 1300 with Mod 29 Installed - Rollers . . . . .	3-48
Wash Rack - Serial Numbers 1300 and Above . . . . .	3-50
Wash Rack - Serial Numbers 1300 and Above - Rollers . . . . .	3-52
Wash Rack - Serial Numbers 1300 and Above - Guide Shoe . . . . .	3-54
Dryer Rack Assembly . . . . .	3-56
Dryer Rack - Roller Assemblies . . . . .	3-57
Dryer Rack - Air Tubes . . . . .	3-58

**ILLUSTRATED PARTS LIST**

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Dryer Rack - Squeegee Rollers ..... 3-60

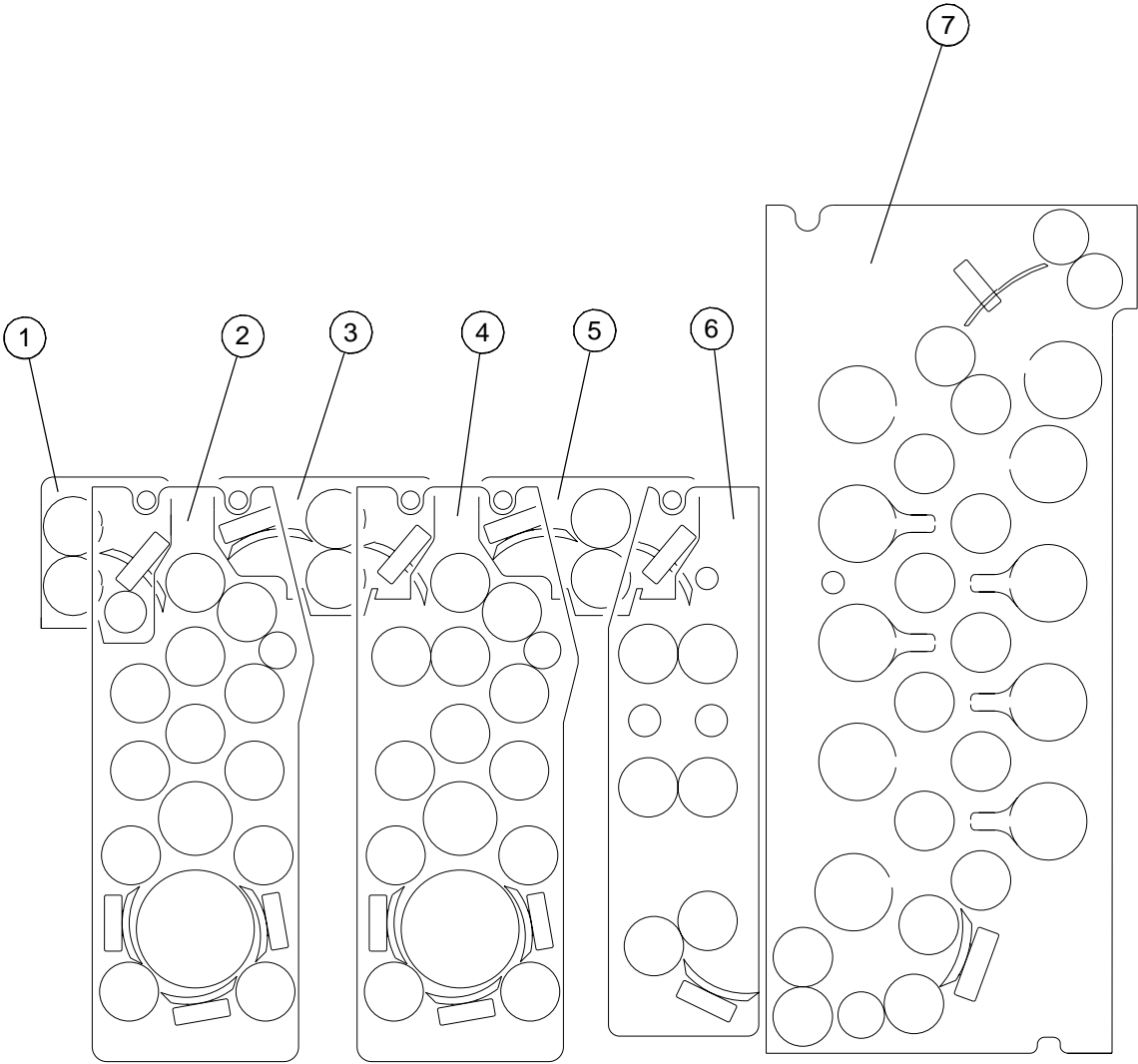
Dryer Rack - Other Rollers, 1 of 2 ..... 3-62

Dryer Rack - Other Rollers, 2 of 2 ..... 3-64

Dryer Rack - Drive Chain Cover and Plenum ..... 3-66



Figure 3-1 Complete Rack and Crossover Assemblies

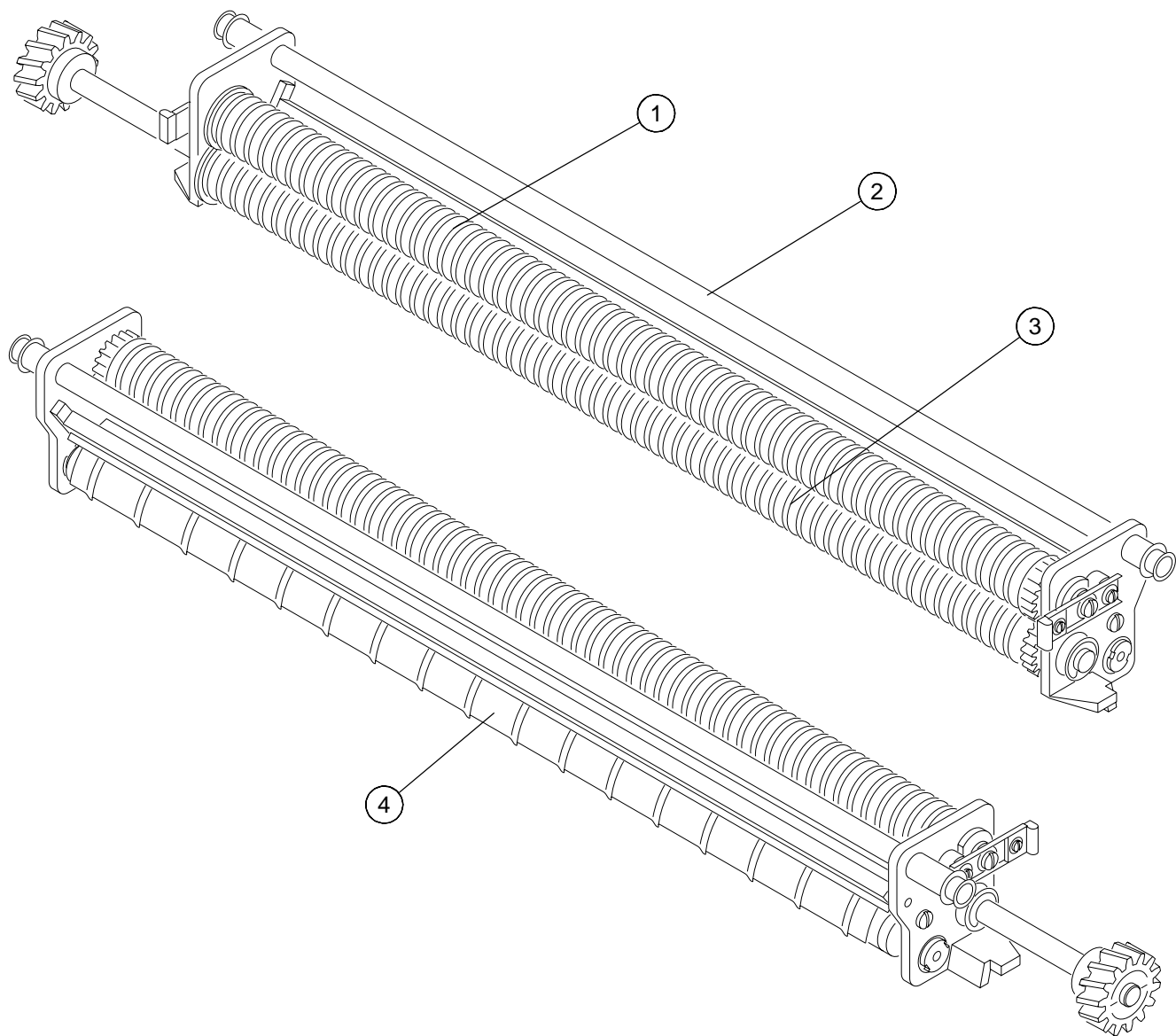


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Figure 3-1

Item	Part No.	Description	Qty.	Notes
1	918943	Crossover - Detector	1	
2	918938	Rack - Developer	1	
3	918944	Crossover - Developer/Fixer	1	
4	918939	Rack - Fixer	1	With Mod 29 installed For serial numbers below 1300
5	918945	Crossover - Fixer/Wash	1	
6	5B6890	Rack - Wash	1	
7	5B6575	Rack - Wash	1	For serial numbers 1300 and above
	8B7375	Rack - Dryer	1	

Figure 3-2 Detector Crossover Assembly



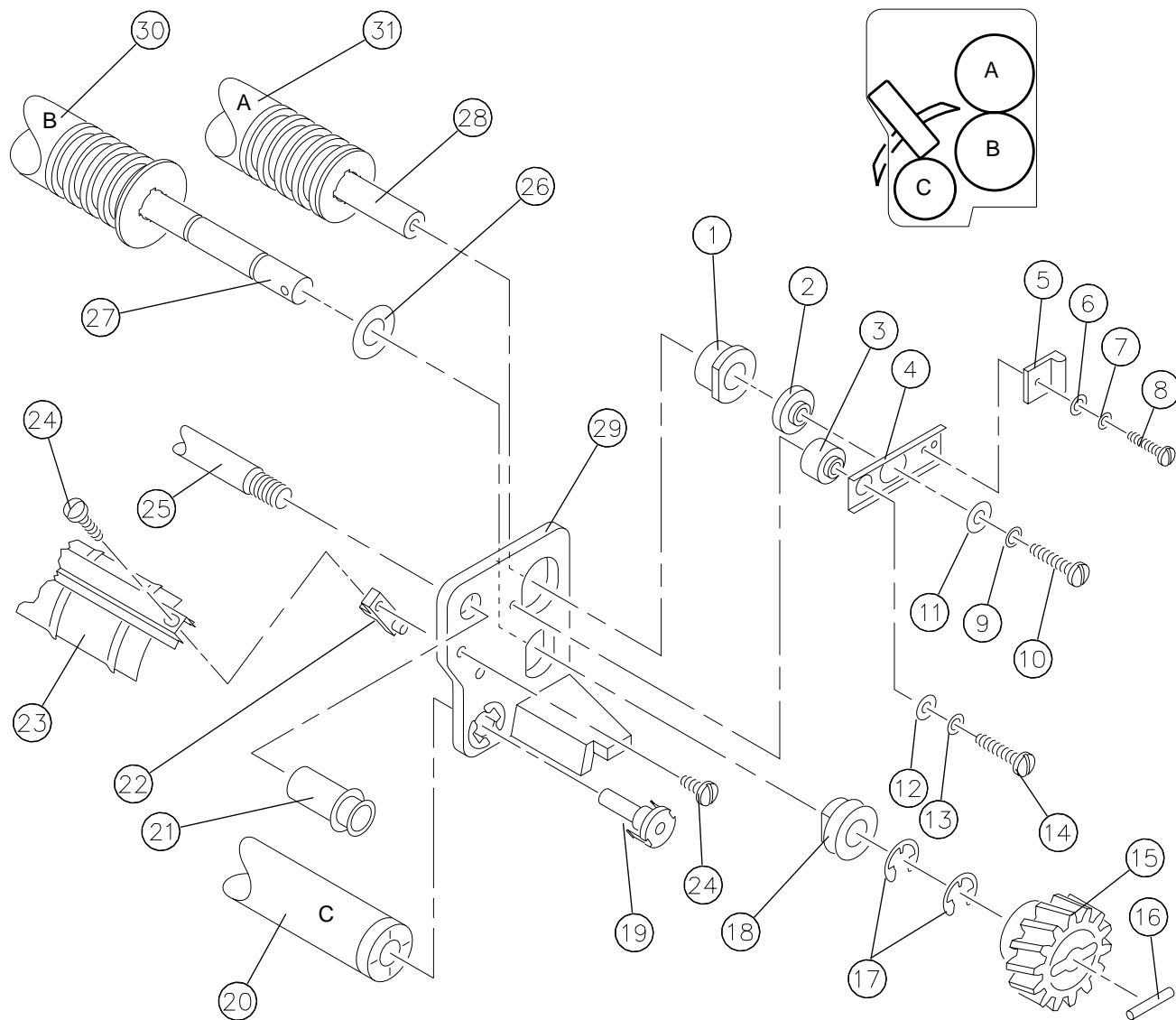
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Figure 3–2

Item	Part No.	Description	Qty.	Notes
	918943	Crossover - Detector	1	Complete Crossover Assembly
1	490109	Roller - Detector	1	A
2	458170	Rod - Tie	1	
3	490108	Roller - Detector	1	B
4	458953	Shoe - Guide	1	

Figure 3-3 Detector Crossover - Drive Side

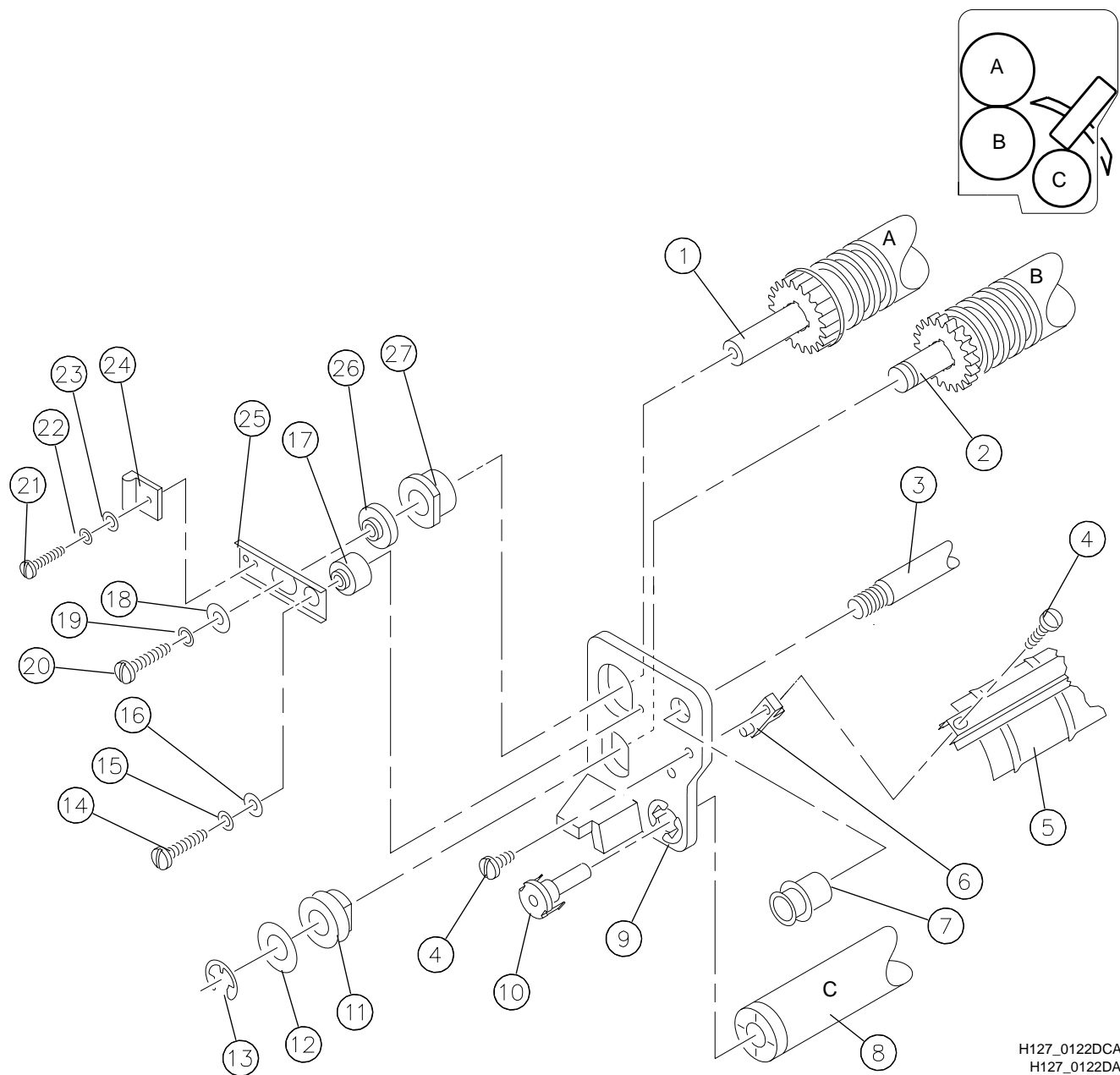


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Figure 3–3

Item	Part No.	Description	Qty.	Notes
1	650707	Bearing	2	
2	5B6527	Rocker - Bearing	2	
3	489997	Standoff - Pivot	2	
4	474180	Support	2	
5	650876	Actuator - Magnet	2	
6	575822	Washer	2	
7	187283	Washer - Lock	2	
8	575821	Screw	2	
9	853087	Washer - Lock	2	
10	852682	Screw	2	
11	852611	Washer	2	
12	165627	Washer	2	
13	853096	Washer - Lock	2	
14	544194	Screw	2	
15	550781	Gear - Drive, Crossover	1	
16	502464	Pin	1	
17	651107	E-Ring	3	
18	779119	Bearing	2	
19	562228	Stud - Snap-In	2	
20	1C7552	Roller	1	
21	472756	Nut - Special D, Long	1	
22	594233	Bracket - Guide Shoe	2	
23	458953	Shoe - Guide	1	
24	5B6316	Screw	4	
25	458170	Rod - Tie	1	
26	418775	Washer - Thrust	2	
27	594229	Shaft	1	
28	458175	Shaft	1	
29	5B6548	Side Plate - Detector Crossover, Drive Side	1	
30	490108	Roller - Detector	1	B
31	490109	Roller - Detector	1	A

Figure 3-4 Detector Crossover - Non-Drive Side

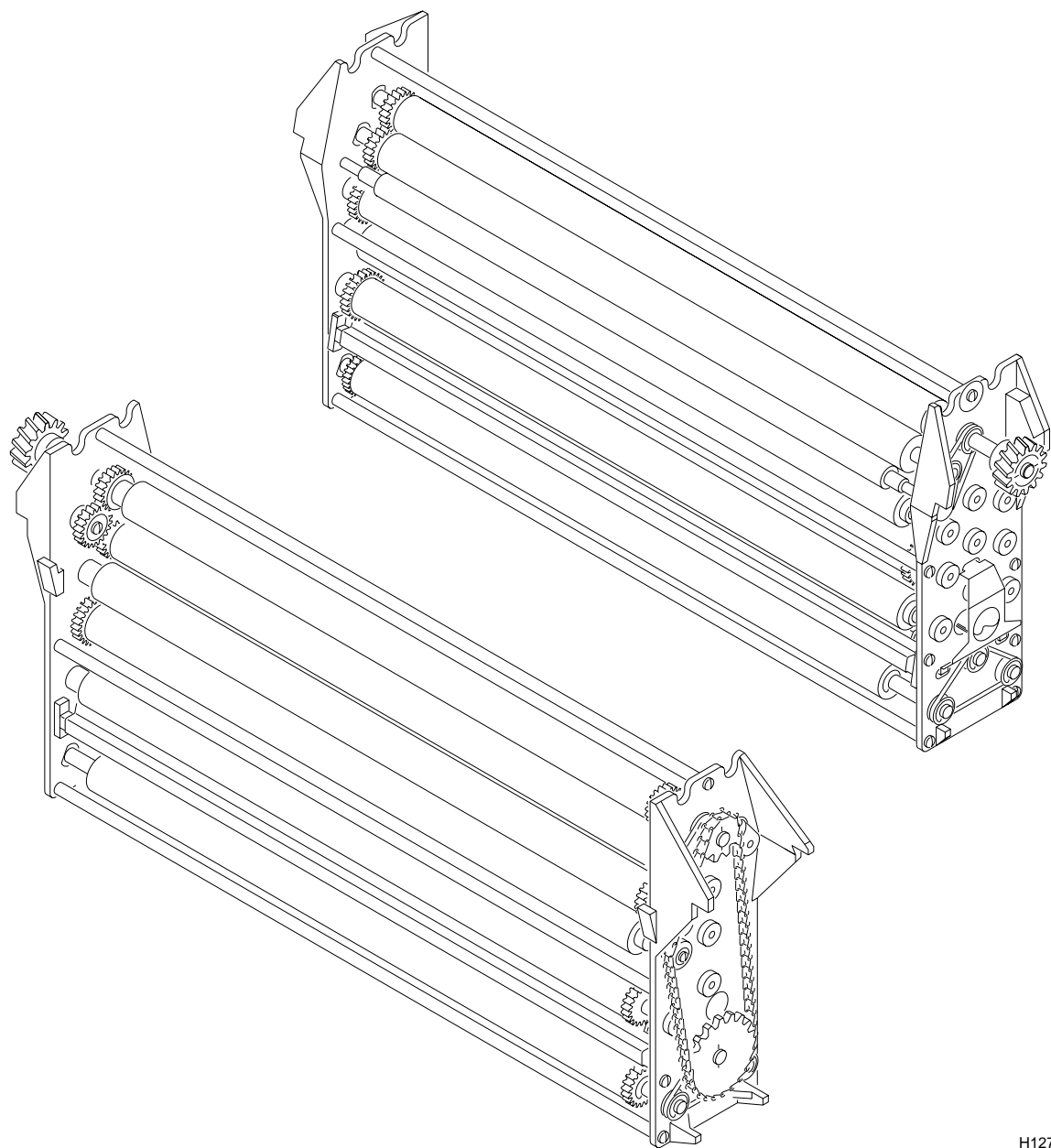


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Figure 3-4

Item	Part No.	Description	Qty.	Notes
1	458175	Shaft	1	
2	594229	Shaft	1	
3	458170	Rod - Tie	1	
4	5B6316	Screw	4	
5	458953	Shoe - Guide	1	
6	594233	Bracket - Guide Shoe	2	
7	472755	Nut - Special N-D, Short	1	
8	1C7552	Roller	1	C
9	5B6549	Side Plate - Detector Crossover, Non-Drive Side	1	
10	562228	Stud - Snap-In	2	
11	779119	Bearing	2	
12	418775	Washer - Thrust	2	
13	651107	E-Ring	3	
14	544194	Screw	2	
15	853096	Washer - Lock	2	
16	165627	Washer	2	
17	489997	Standoff - Pivot	2	
18	852611	Washer	2	
19	853087	Washer - Lock	2	
20	852682	Screw	2	
21	575821	Screw	2	
22	187283	Washer - Lock	2	
23	575822	Washer	2	
24	650876	Actuator - Magnet	2	
25	474180	Support	2	
26	5B6527	Rocker - Bearing	2	
27	650707	Bearing	2	

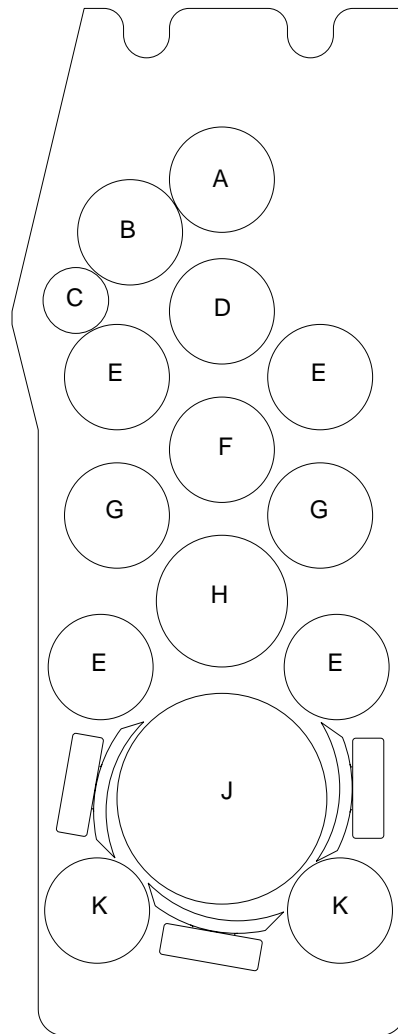
Figure 3-5 Developer Rack Assembly



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Figure 3-5

Item	Part No.	Description	Qty.	Notes
	918938	Rack - Developer	1	Complete Rack Assembly

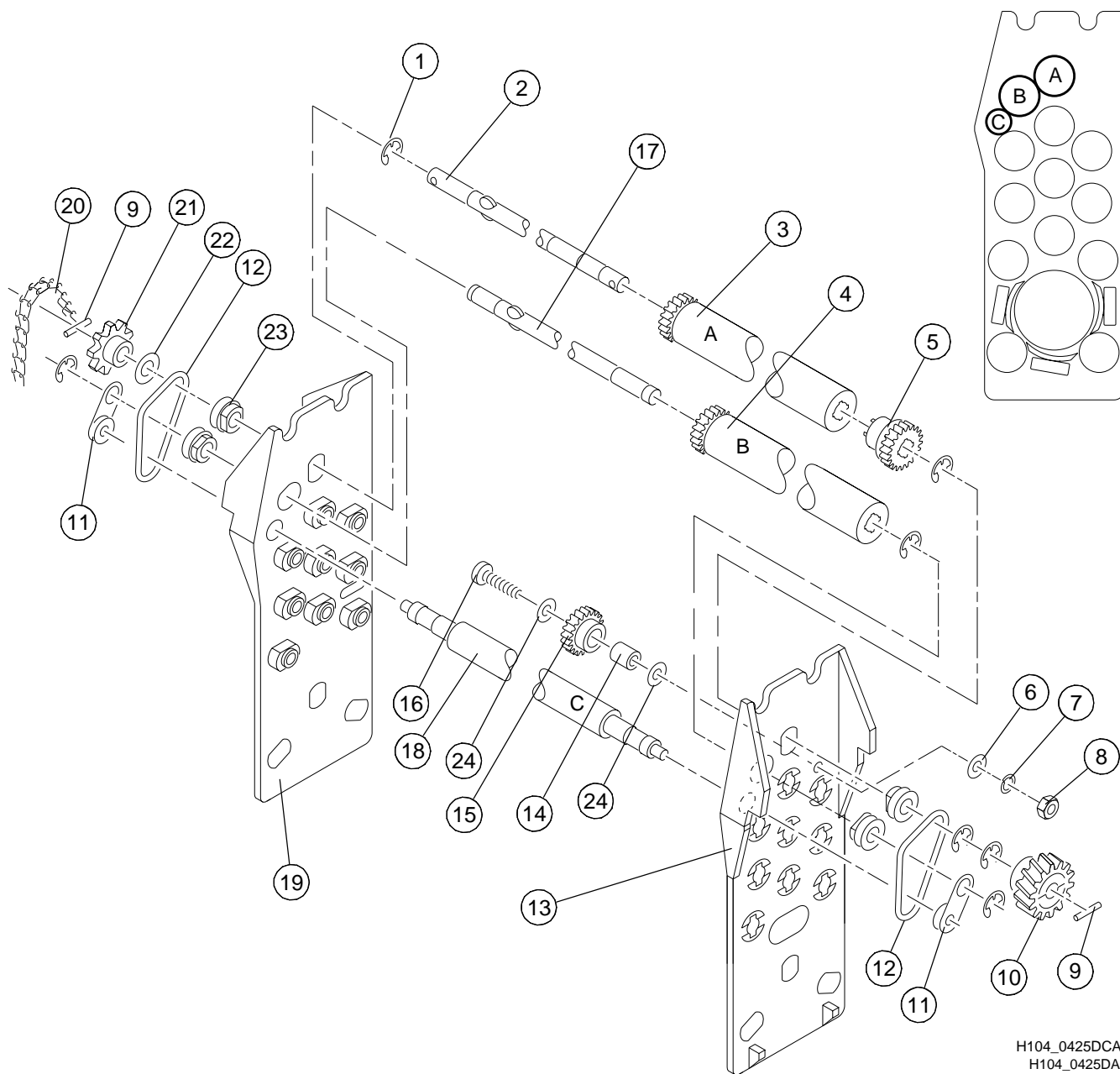
**Figure 3–6 Developer Rack - Roller Assemblies, Drive Side**

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**Figure 3–6**

Item	Part No.	Description	Qty.	Notes
A	594237	Roller	1	
B	5B6061	Roller	1	
C	594271	Roller - Rewet	1	
D	5B6058	Roller	1	
E,F,G	1C7381	Roller	7	
H	1C7551	Roller	1	
J	594243	Roller	1	
K	1C7550	Roller	2	

Figure 3-7 Developer Rack - Exit Rollers



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H104\_0425DA



Figure 3–7

Item	Part No.	Description	Qty.	Notes
1	651107	E-Ring	16	A
2	943473	Shaft	1	
3	594237	Roller	1	
4	5B6061	Roller	1	B
5	594254	Gear	1	
6	852611	Washer	5	
7	853087	Washer - Lock	3	
8	853080	Nut	3	
9	502464	Pin	3	
10	550774	Gear	1	
11	594273	Bearing	2	
12	467843	Spring	2	
13	779432	Side Plate - Developer, Drive Side	1	
14	594255	Bushing	1	
15	594297	Gear - Idler	1	
16	544132	Screw	1	C
17	246981	Shaft	1	
18	594271	Roller - Rewet	1	
19	779431	Side Plate - Developer, Non-Drive Side	1	
20	779334	Chain - Roller	1	
21	594261	Sprocket	1	
22	418775	Washer - Thrust	2	
23	779119	Bearing	10	
24	562226	Washer	3	

Figure 3-8 Developer Rack - Other Rollers

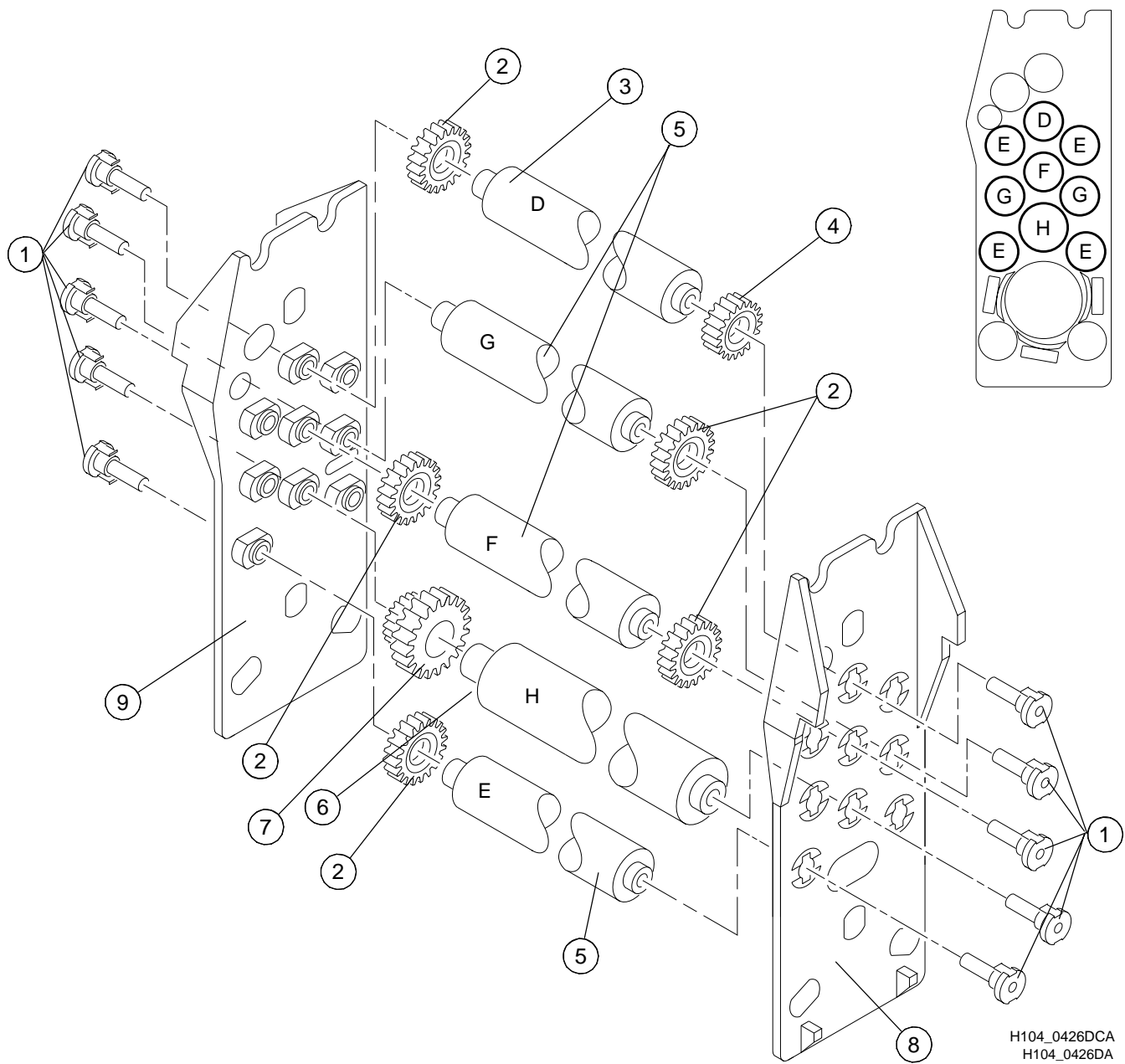
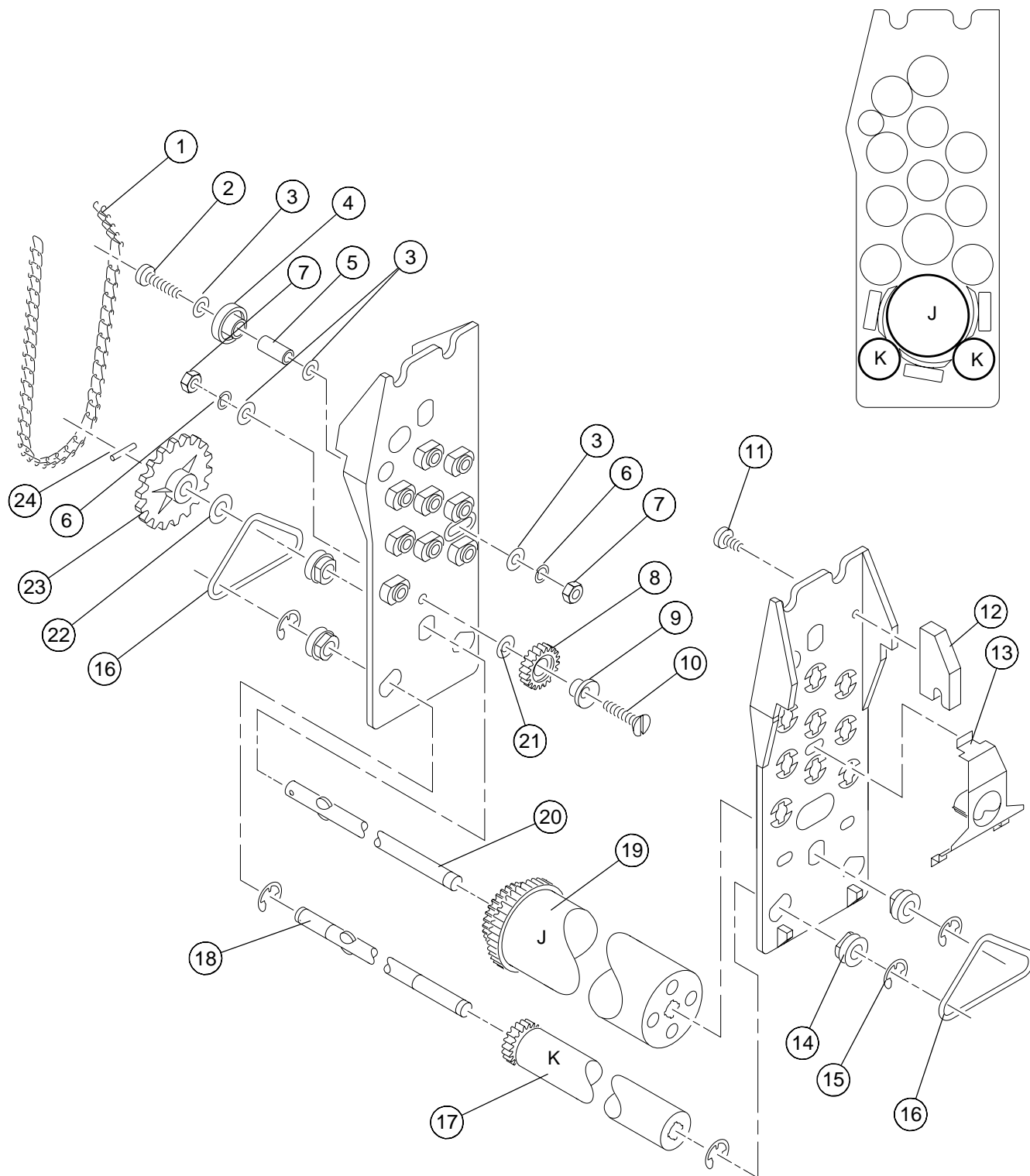


Figure 3–8

Item	Part No.	Description	Qty.	Notes
1	562228	Stud - Snap-In	18	D
2	594248	Gear - Snap-In	9	
3	5B6058	Roller	1	
4	594251	Gear - Snap-In	1	E, F, & G H
5	1C7381	Roller	7	
6	1C7551	Roller	1	
7	594291	Gear - Gudgeon, Compound	1	
8	779432	Side Plate - Developer, Drive Side	1	
9	779431	Side Plate - Developer, Non-Drive Side	1	

Figure 3-9 Developer Rack - Master Rollers

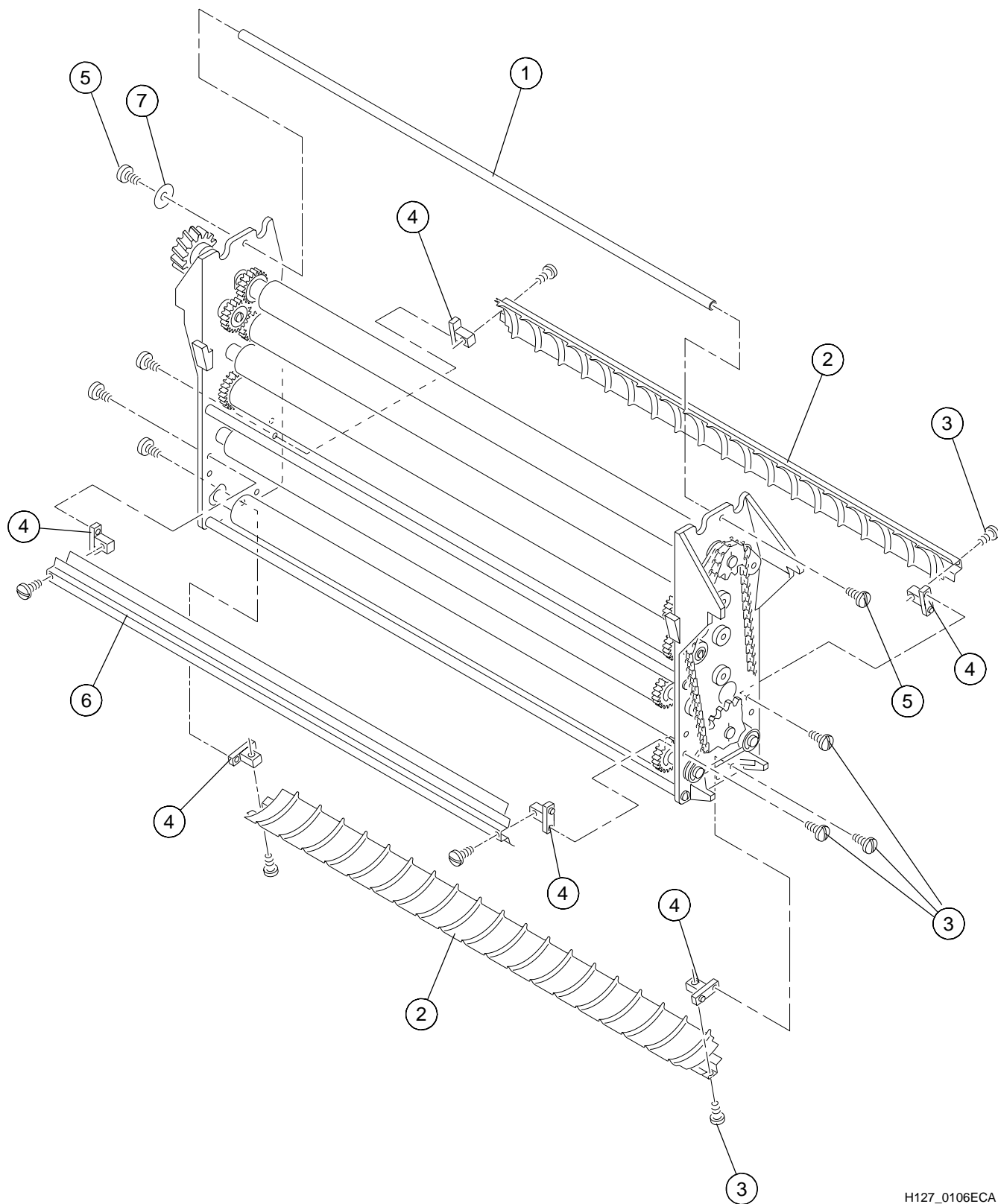


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Figure 3–9

Item	Part No.	Description	Qty.	Notes
1	779334	Chain - Roller	1	
2	853141	Screw	1	
3	852611	Washer	5	
4	594253	Idler - Chain	1	
5	594252	Sleeve	1	
6	853087	Washer - Lock	3	
7	853080	Nut	3	
8	594241	Gear	1	
9	594240	Bushing	1	
10	594320	Screw	1	
11	852807	Screw	1	
12	981894	Locator	1	
13	911692	Deflector - Rack	1	
14	779119	Bearing	10	
15	651107	E-Ring	16	
16	562500	Spring	2	
17	1C7550	Roller	2	K
18	594236	Shaft	2	
19	594243	Roller	1	J
20	594242	Shaft	1	
21	562226	Washer	3	
22	418775	Washer - Thrust	2	
23	613246	Sprocket	1	
24	502464	Pin	3	

Figure 3-10 Developer Rack - Guide Shoes

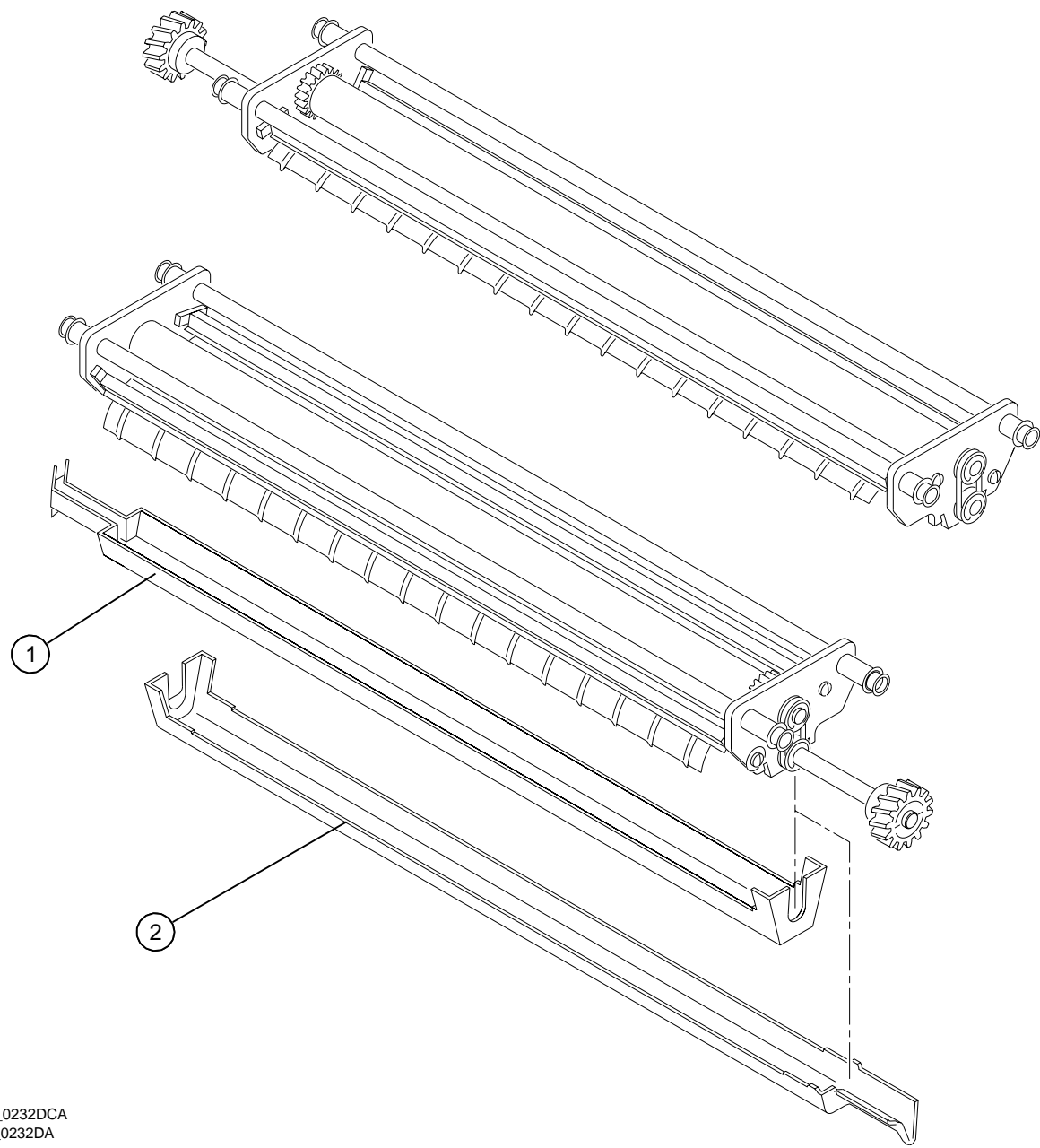


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Figure 3–10

Item	Part No.	Description	Qty.	Notes
1	458219	Rod - Tie	5	
2	562765	Shoe - Guide	2	
3	5B6316	Screw	12	
4	474596	Bracket - Guide Shoe	6	
5	852807	Screw	10	
6	914703	Shoe - Guide	1	
7	459943	Washer - I/D, Developer	1	

Figure 3-11 Developer/Fixer Crossover Assembly



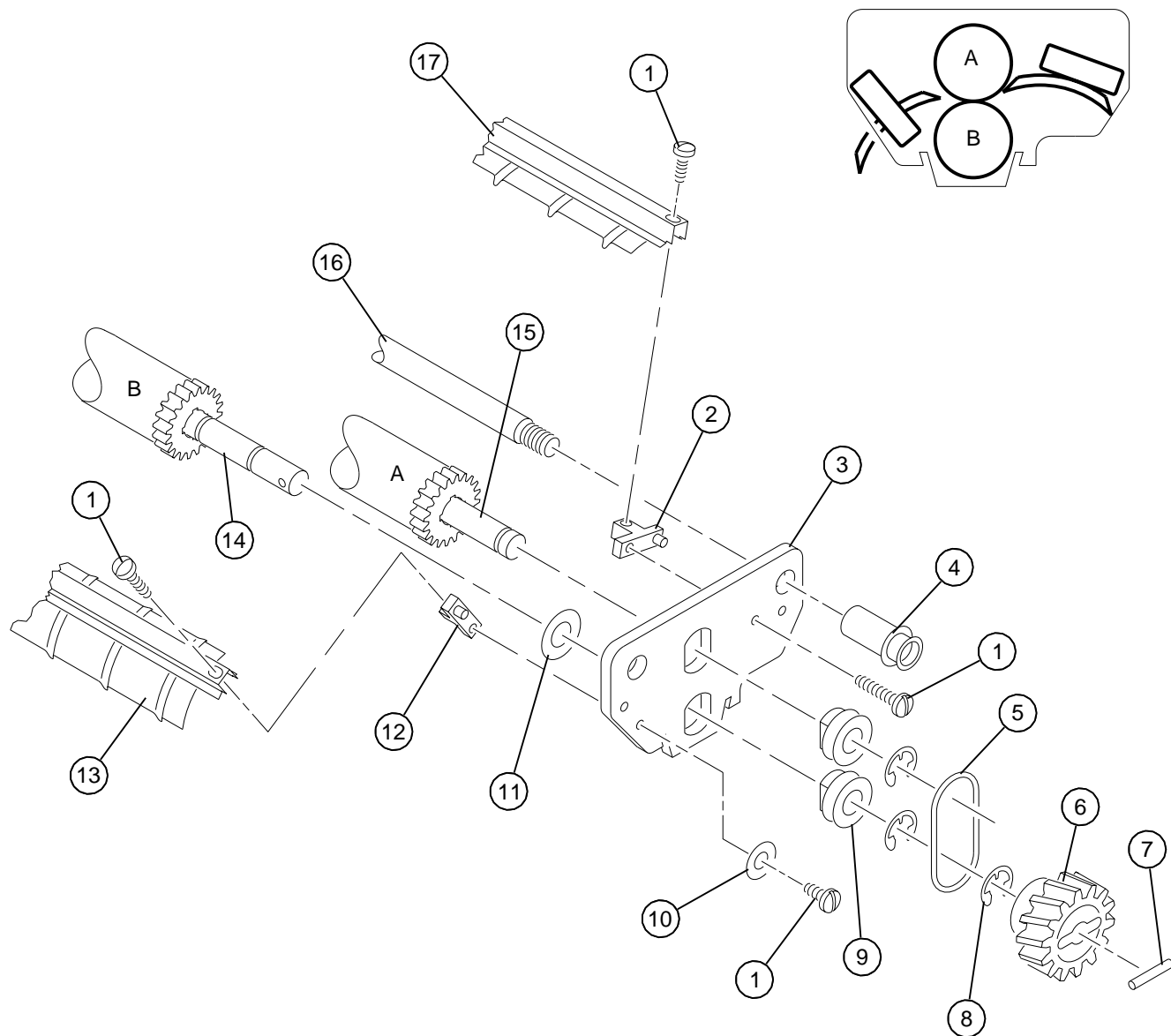
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Figure 3–11

Item	Part No.	Description	Qty.	Notes
1	918944	Crossover - Developer/Fixer	1	Includes Trough 914920 and 1C7229
	914920	Trough - Crossover, Developer/Fixer	1	For serial numbers below 1300
	1C7229	Trough - Crossover, Developer/Fixer	1	For serial numbers 1300 and above

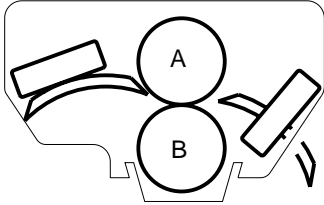
Figure 3-12 Developer/Fixer Crossover - Drive Side



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Figure 3-12

Item	Part No.	Description	Qty.	Notes
1	5B6316	Screw	8	
2	474596	Bracket - Guide Shoe	2	
3	779435	Side Plate - Crossover	2	
4	472756	Nut - Special D, Long	2	
5	1C7106	Spring - Extension	2	
6	550781	Gear - Drive, Crossover	1	
7	502464	Pin	1	
8	651107	E-Ring	5	
9	779119	Bearing	4	
10	459946	Washer - I/D	1	
11	418775	Washer - Thrust	2	
12	594233	Bracket - Guide Shoe	2	
13	458953	Shoe - Guide	1	
14	594229	Shaft	1	
15	594230	Shaft	1	
16	458170	Rod - Tie	2	
17	562389	Shoe - Guide	1	

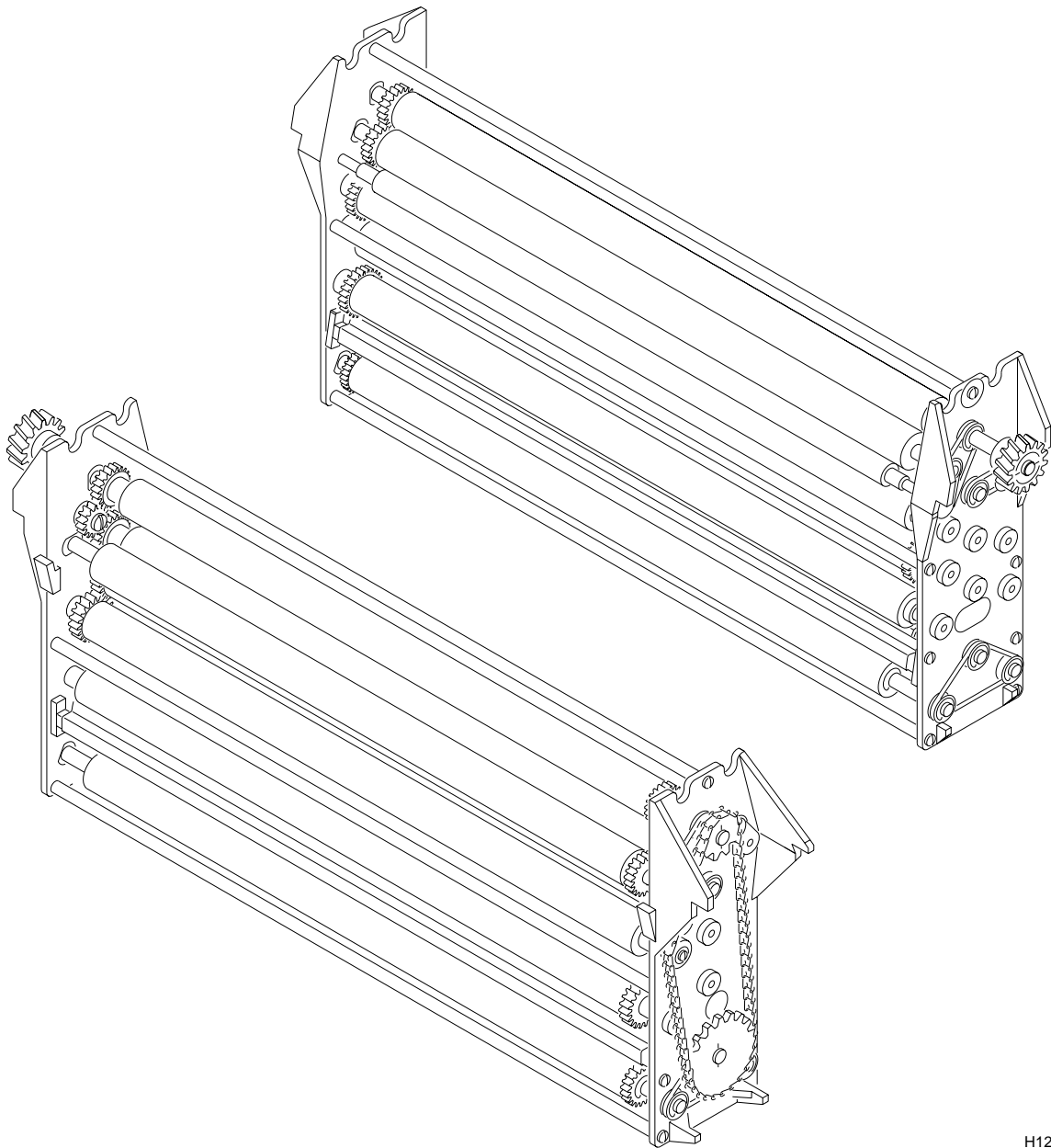


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Figure 3-13

Item	Part No.	Description	Qty.	Notes
1	5B6316	Screw	8	
2	562389	Shoe - Guide	1	
3	458170	Rod - Tie	2	
4	594230	Shaft	1	A & B
5	594237	Roller	2	
6	594229	Shaft	1	
7	458953	Shoe - Guide	1	
8	594233	Bracket - Guide Shoe	2	
9	779435	Side Plate - Crossover	2	
10	779119	Bearing	4	
11	418775	Washer - Thrust	1	
12	651107	E-Ring	5	
13	1C7106	Spring - Extension	2	
14	472755	Nut - Special N-D, Short	2	
15	474596	Bracket - Guide Shoe	2	

Figure 3-14 Fixer Rack Assembly

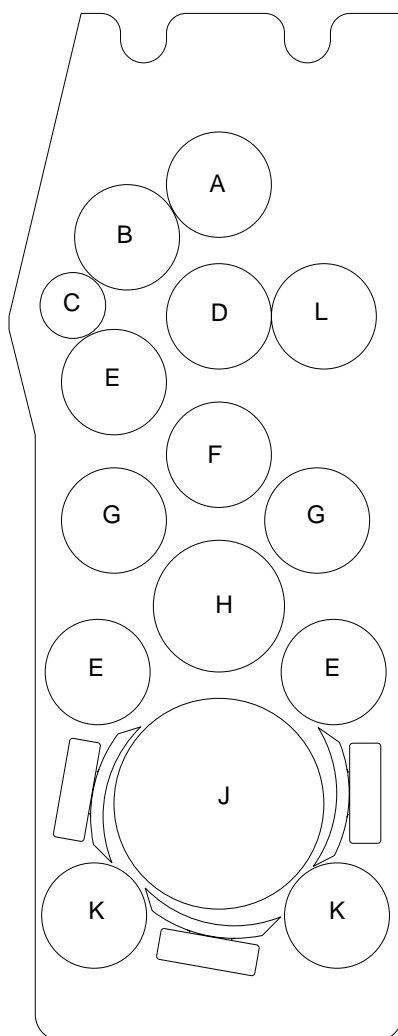


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Figure 3-14

Item	Part No.	Description	Qty.	Notes
	918939	Rack - Fixer	1	Complete Rack Assembly

Figure 3-15 Fixer Rack - Roller Assemblies



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Figure 3-15

Item	Part No.	Description	Qty.	Notes
A	594237	Roller	1	
B	246979	Roller	1	
C	594271	Roller - Rewet	1	
D	5B6064	Roller	1	
E,F,G	1C7381	Roller	6	
H	1C7551	Roller	1	
J	5B6078	Roller	1	
K	1C7550	Roller	2	
L	594237	Roller	1	

Figure 3-16 Fixer Rack - Exit Rollers

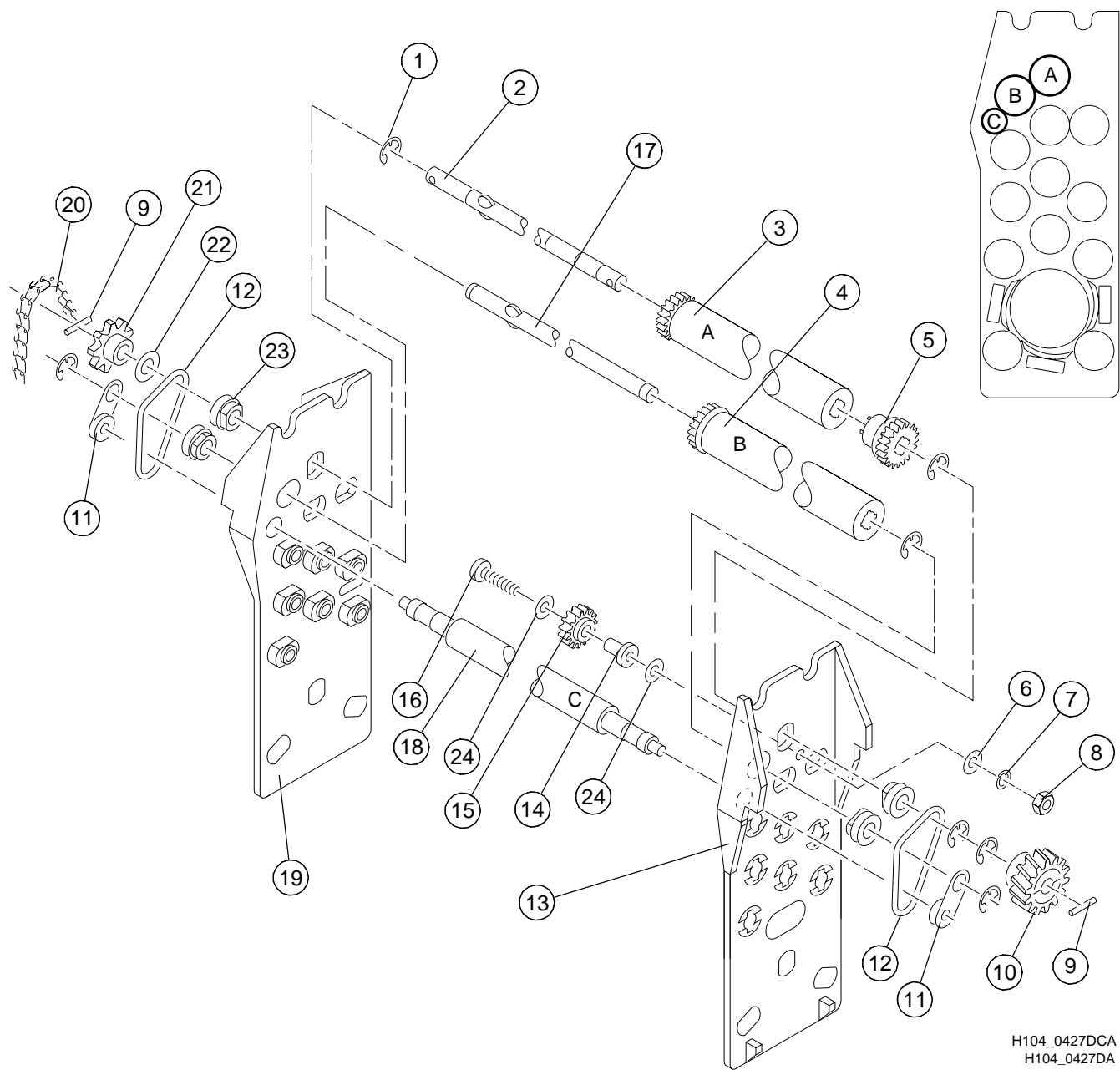
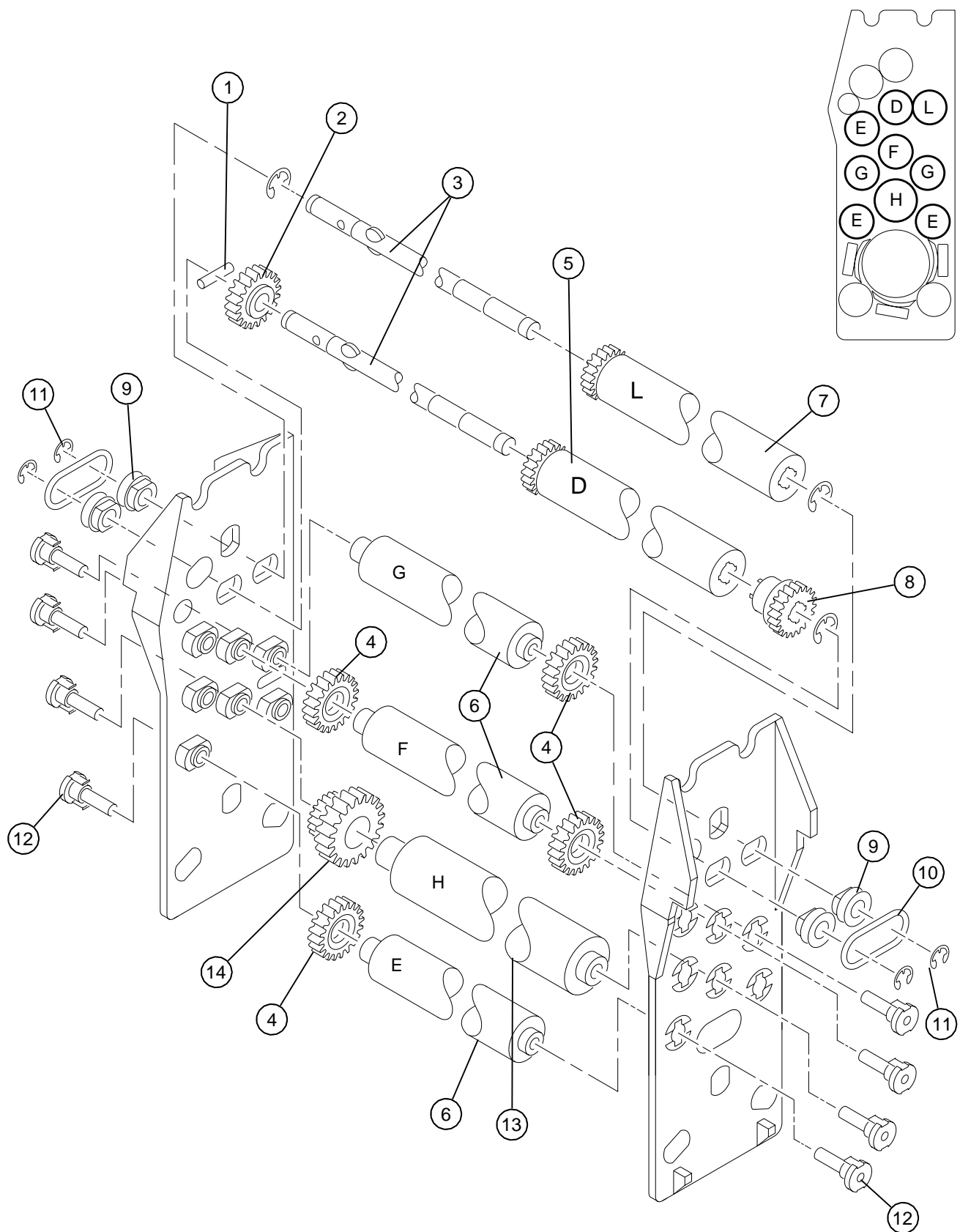




Figure 3-16

Item	Part No.	Description	Qty.	Notes
1	651107	E-Ring	23	A
2	943473	Shaft	1	
3	594237	Roller	2	
4	246979	Roller	1	B
5	594254	Gear	2	
6	852611	Washer	5	
7	853087	Washer - Lock	3	
8	853080	Nut	3	
9	502464	Pin	4	
10	550774	Gear	1	
11	594273	Bearing	2	
12	467843	Spring	2	
13	943467	Side Plate - Fixer, Drive Side	1	
14	943471	Bushing	1	
15	838999	Gear - Idler	1	
16	852959	Screw	1	C
17	246981	Shaft	1	
18	594271	Roller - Rewet	1	
19	943466	Side Plate - Fixer, Non-Drive Side	1	
20	779334	Chain - Roller	1	
21	594261	Sprocket	1	
22	418775	Washer - Thrust	2	
23	779119	Bearing	12	
24	562226	Washer	3	

Figure 3-17 Fixer Rack - Other Rollers

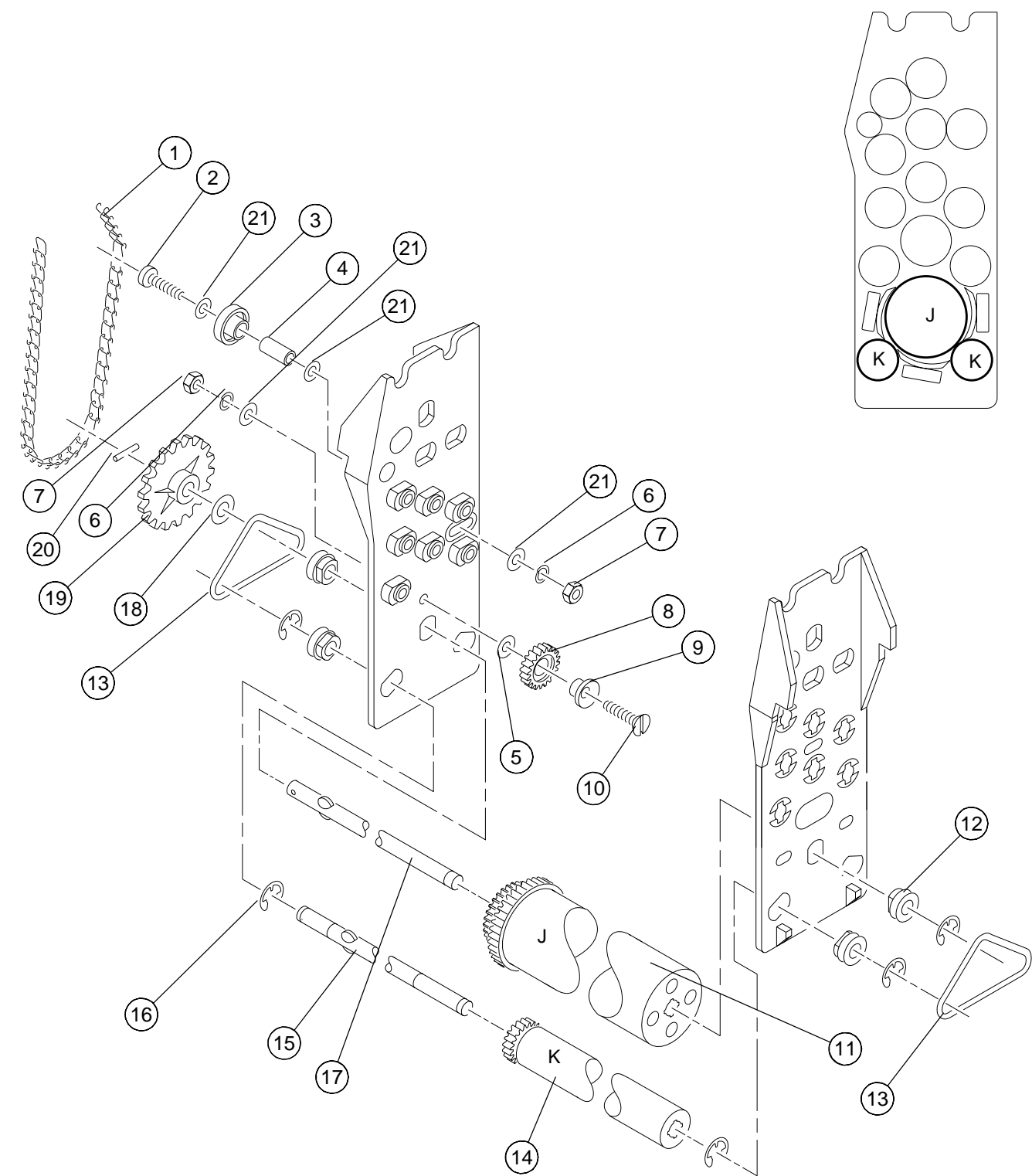


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Figure 3-17

Item	Part No.	Description	Qty.	Notes
1	502464	Pin	4	
2	911663	Gear	1	
3	943468	Shaft	2	
4	594248	Gear - Snap-In	7	
5	5B6064	Roller	1	D
6	1C7381	Roller	6	E, F, & G
7	594237	Roller	2	L, A
8	594254	Gear	2	
9	779119	Bearing	12	
10	1C7106	Spring - Extension	2	
11	651107	E-Ring	23	
12	562228	Stud - Snap-In	14	
13	1C7551	Roller	1	H
14	594291	Gear - Gudgeon, Compound	1	

Figure 3-18 Fixer Rack - Master Rollers

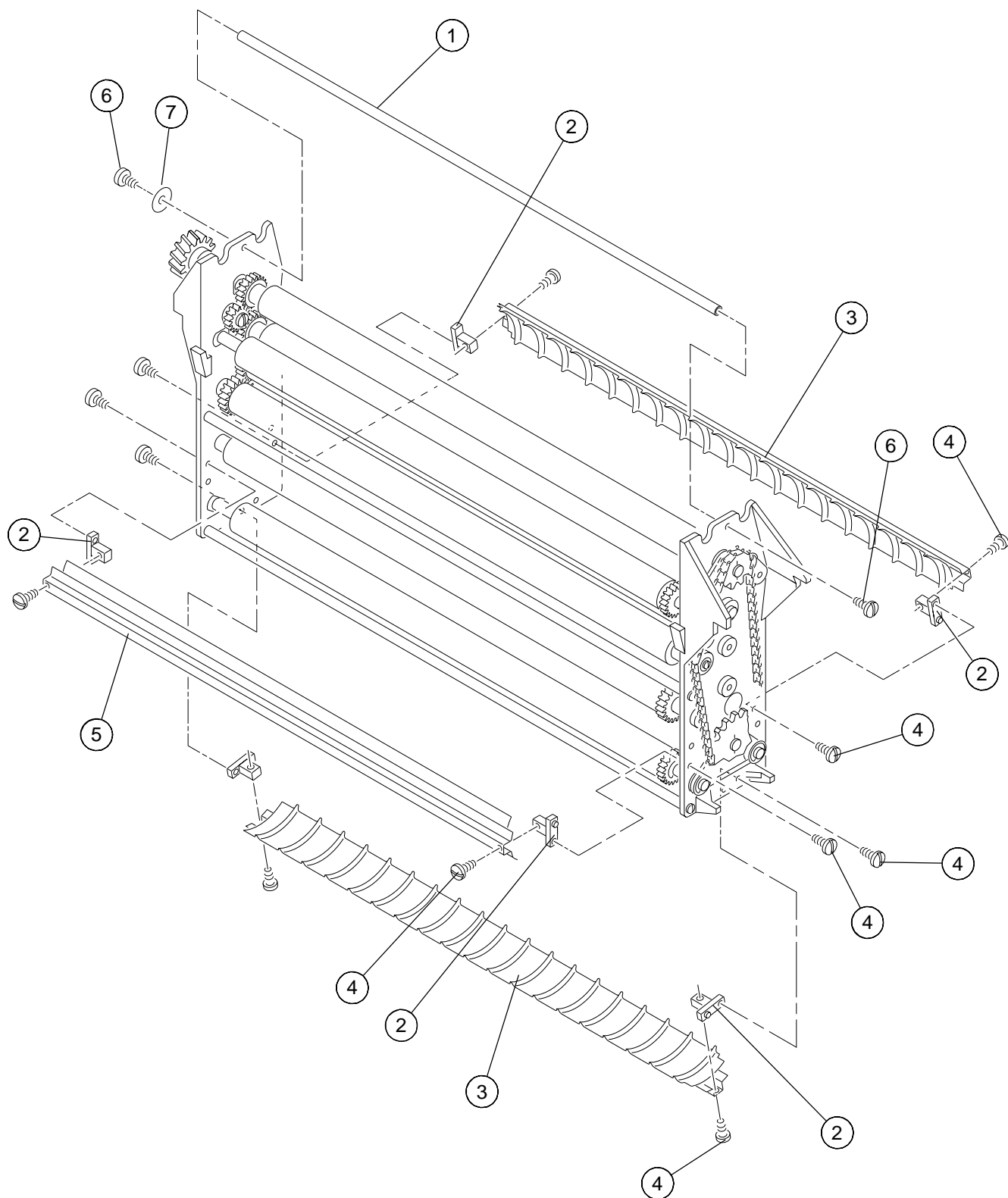


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H127\_0111ea

Figure 3-18

Item	Part No.	Description	Qty.	Notes
1	779334	Chain - Roller	1	
2	853141	Screw	1	
3	594253	Idler - Chain	1	
4	594252	Sleeve	1	
5	562226	Washer	3	
6	853087	Washer - Lock	3	
7	853080	Nut	3	
8	594241	Gear	1	
9	594240	Bushing	1	
10	594320	Screw	1	
11	5B6078	Roller	1	J
12	779119	Bearing	12	
13	562500	Spring	2	
14	1C7550	Roller	2	K
15	594236	Shaft	2	
16	651107	E-Ring	23	
17	594242	Shaft	1	
18	418775	Washer - Thrust	2	
19	613246	Sprocket	1	
20	502464	Pin	4	
21	852611	Washer	5	

Figure 3-19 Fixer Rack - Guide Shoes

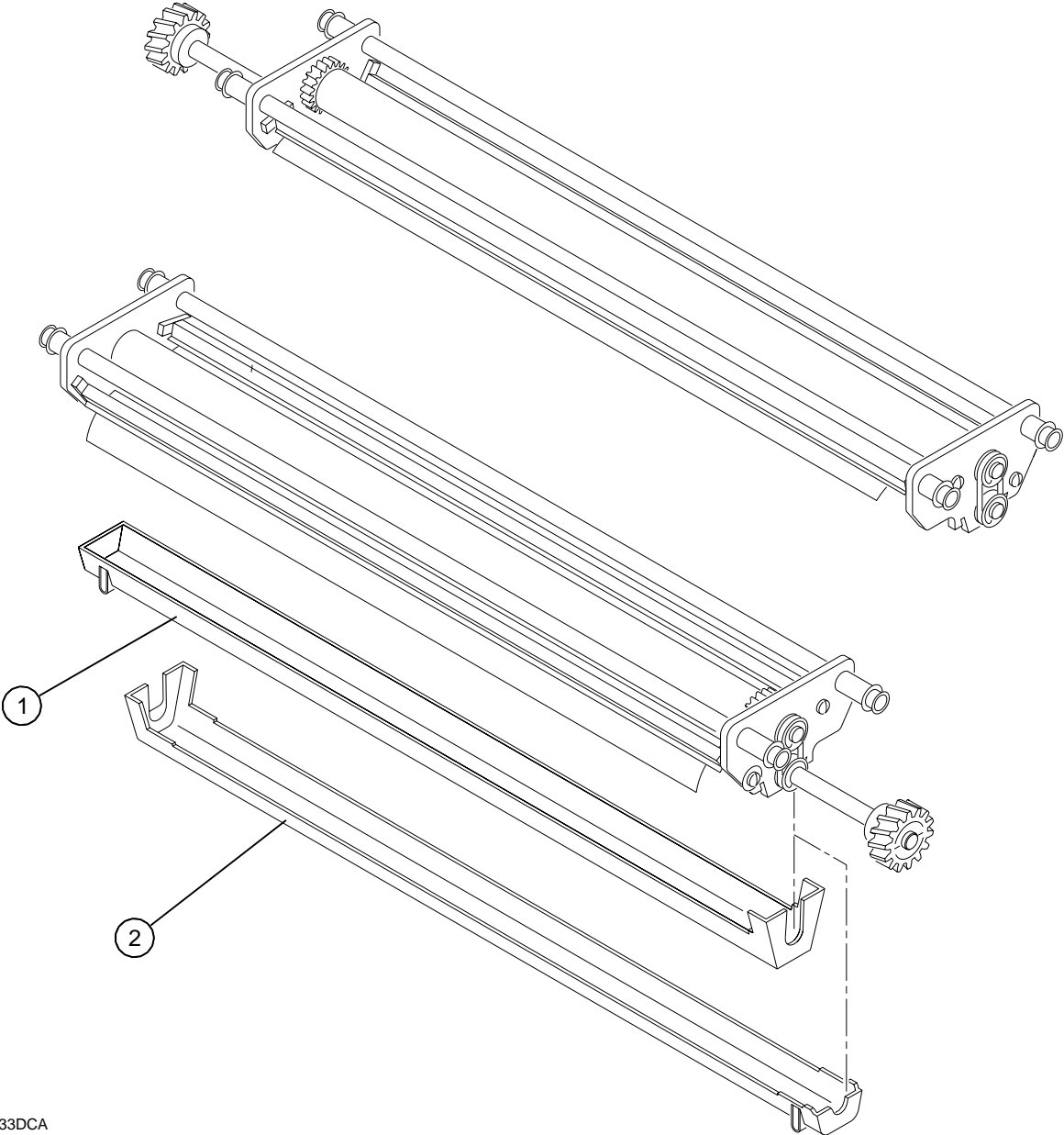


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H127\_0112ea

Figure 3–19

Item	Part No.	Description	Qty.	Notes
1	458219	Rod - Tie	5	
2	474596	Bracket - Guide Shoe	6	
3	562765	Shoe - Guide	2	
4	5B6316	Screw	12	
5	914703	Shoe - Guide	1	
6	852807	Screw	10	
7	459944	Washer - I/D	1	

Figure 3-20 Fixer/Wash Crossover Assembly



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H127\_0233DA



**Figure 3–20**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>	<b>Notes</b>
1	918945	Crossover - Fixer/Wash	1	Includes Troughs 914922 and 1C7230
	914922	Trough - Crossover, Fixer/Wash	1	For serial numbers below 1300
	1C7230	Trough - Crossover, Fixer/Wash	1	For serial numbers 1300 and above

Figure 3-21 Fixer/Wash Crossover - Drive Side

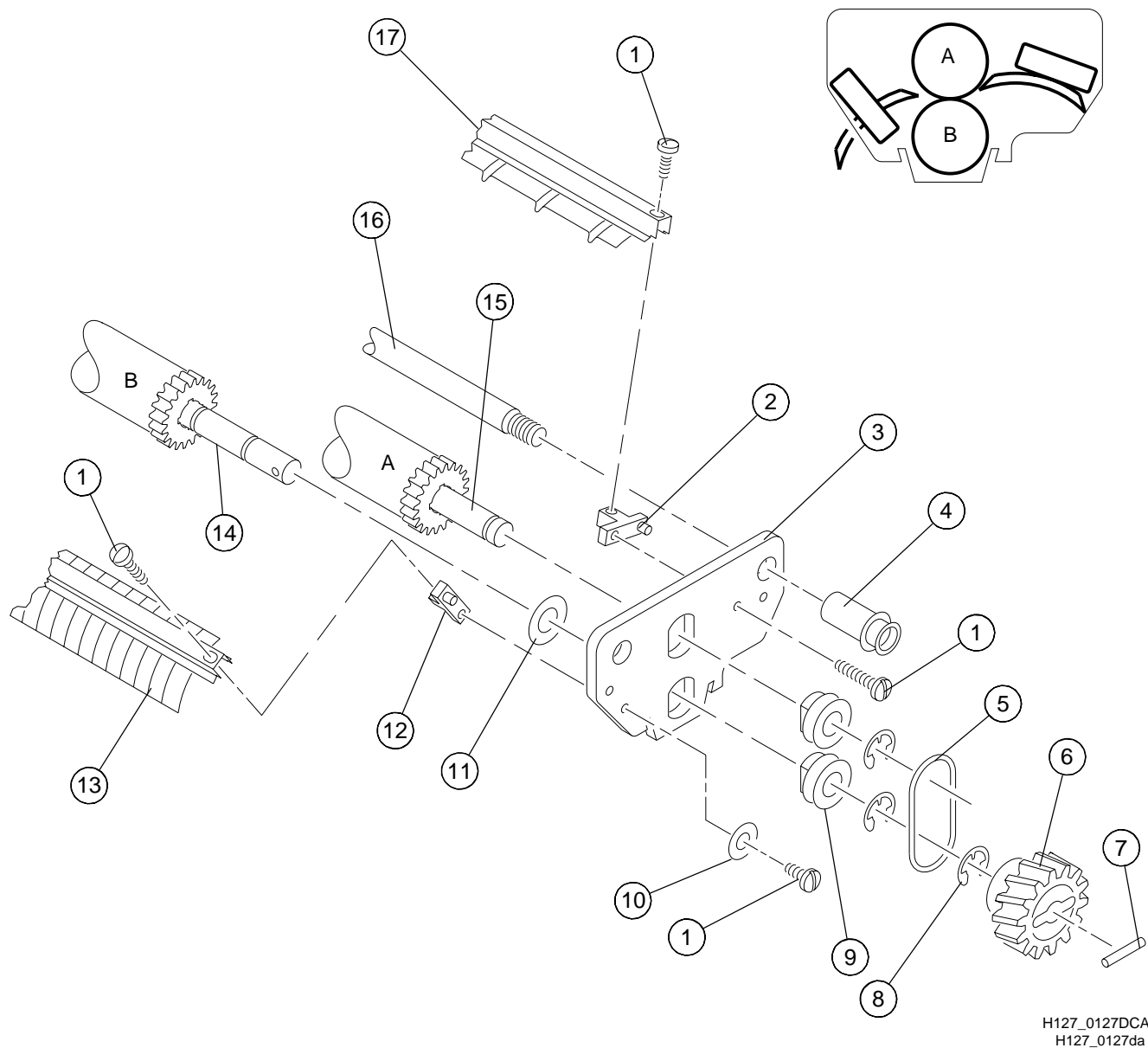
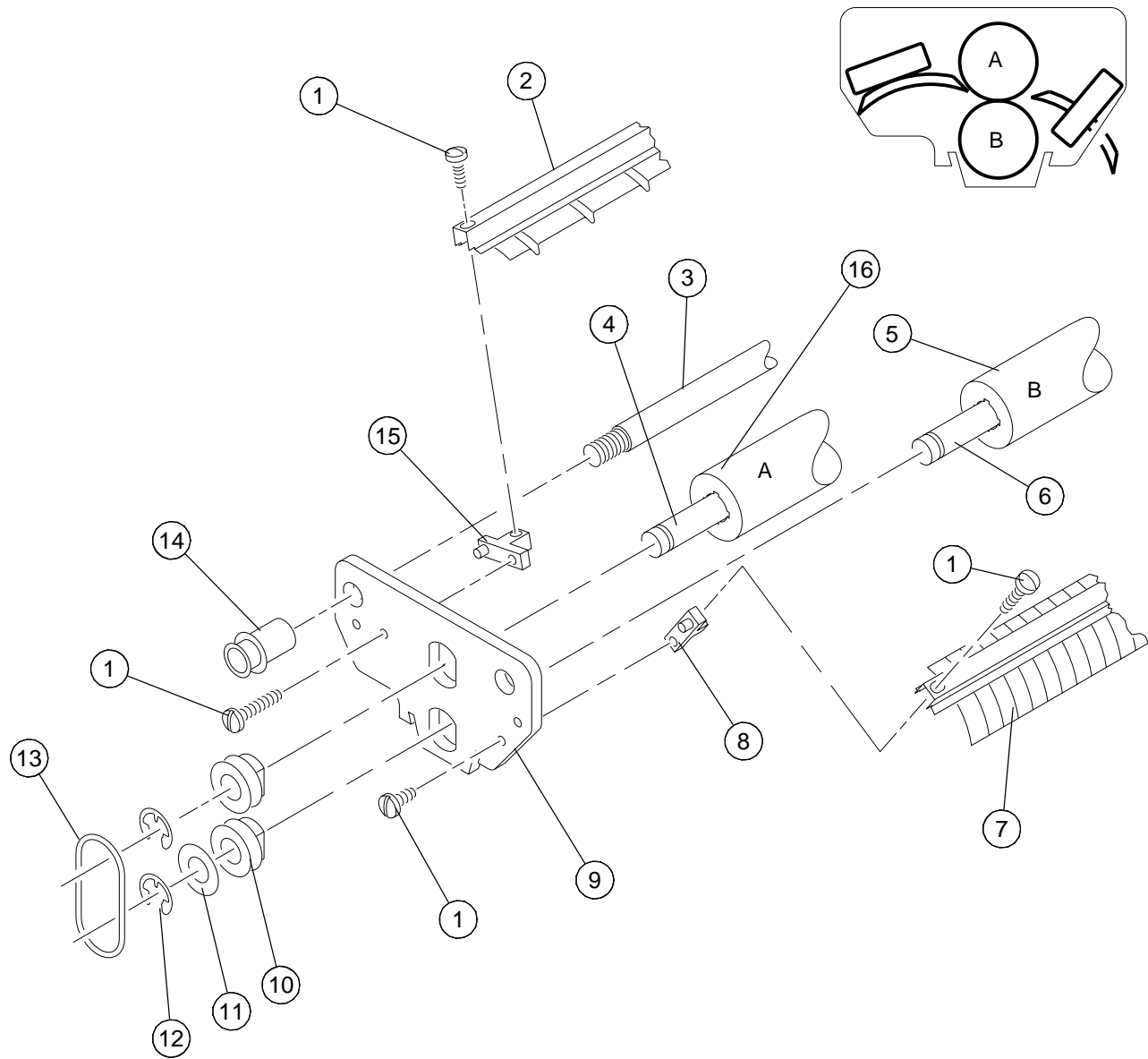


Figure 3-21

Item	Part No.	Description	Qty.	Notes
1	5B6316	Screw	8	
2	474596	Bracket - Guide Shoe	2	
3	779435	Side Plate - Crossover	2	
4	472756	Nut - Special D, Long	2	
5	1C7106	Spring - Extension	2	
6	550781	Gear - Drive, Crossover	1	
7	502464	Pin	1	
8	651107	E-Ring	5	
9	779119	Bearing	4	
10	459947	Washer - I/D	1	
11	418775	Washer - Thrust	2	
12	594233	Bracket - Guide Shoe	2	
13	5B6001	Shoe - Guide	1	
14	594229	Shaft	1	
15	594230	Shaft	1	
16	458170	Rod - Tie	2	
17	562389	Shoe - Guide	1	

Figure 3-22 Fixer/Wash Crossover - Non-Drive Side

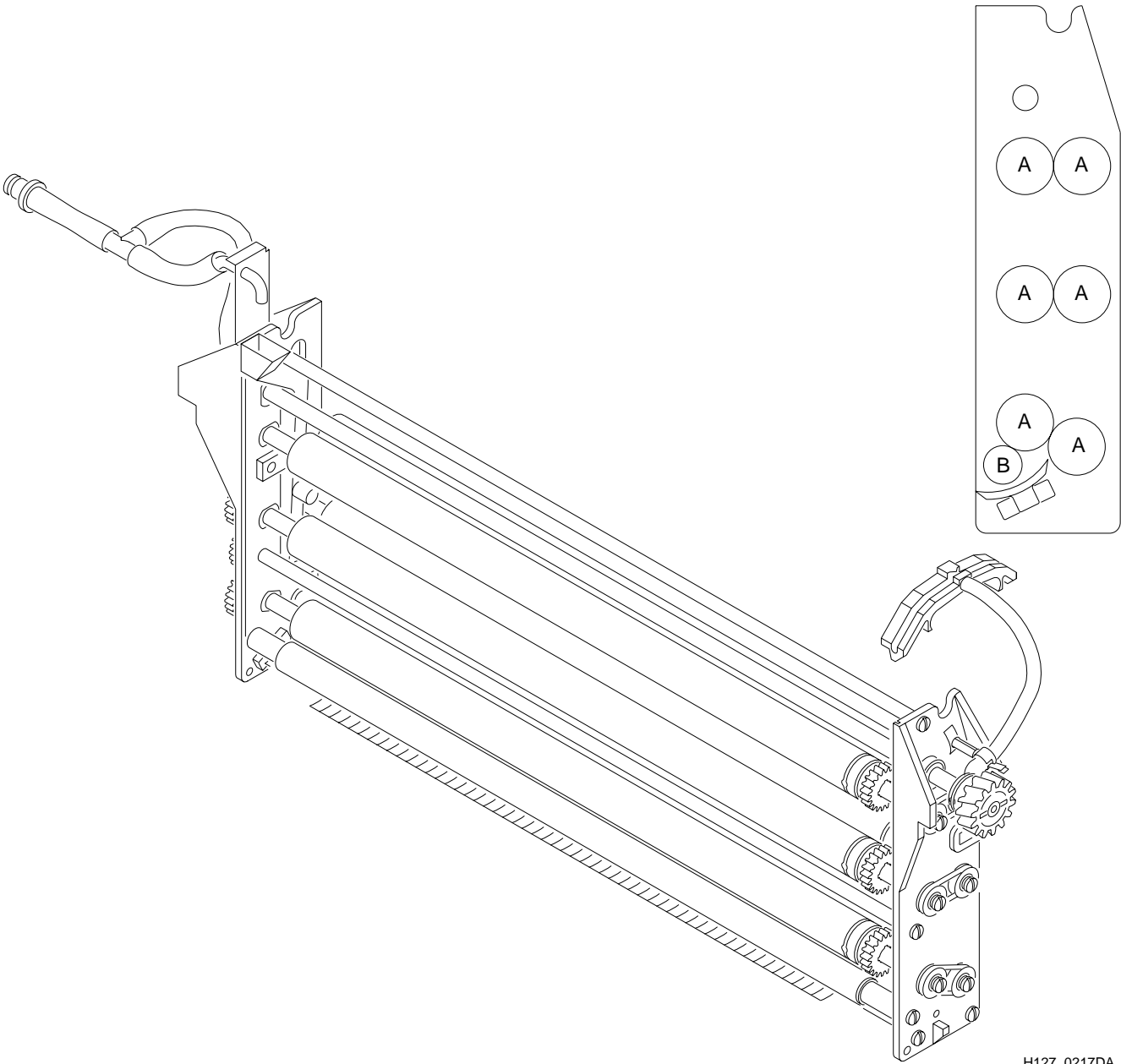


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Figure 3-22

Item	Part No.	Description	Qty.	Notes
1	5B6316	Screw	8	
2	562389	Shoe - Guide	1	
3	458170	Rod - Tie	2	
4	594230	Shaft	1	B
5	594237	Roller	1	
6	594229	Shaft	1	
7	5B6001	Shoe - Guide	1	
8	594233	Bracket - Guide Shoe	2	
9	779435	Side Plate - Crossover	2	
10	779119	Bearing	4	
11	418775	Washer - Thrust	2	
12	651107	E-Ring	5	
13	1C7106	Spring - Extension	2	
14	472755	Nut - Special N-D, Short	2	
15	474596	Bracket - Guide Shoe	2	
16	911660	Roller	1	A

Figure 3-23 Wash Rack - Serial Number Below 1300 with Mod 29 Installed



H127\_0217DA

Figure 3–23


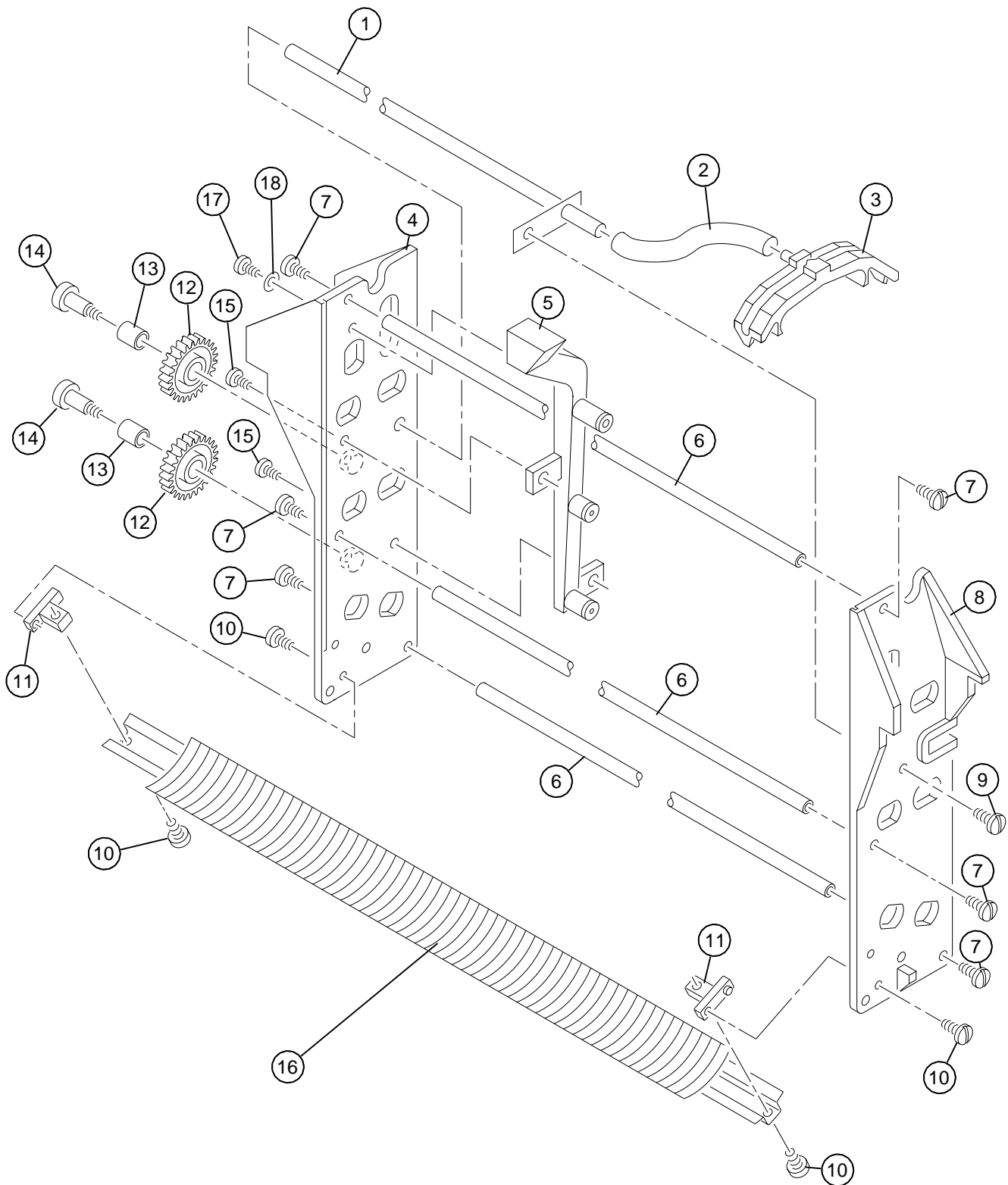
Item	Part No.	Description	Qty.	Notes
	5B6890	Rack - Wash	1	With Mod 29 installed - Serial numbers below 1300.
A	5B6590	Roller Assembly	6	<div>  <b>Note</b>            Some parts may not be available for Processors without Mod 29 installed. If the Processor needs these parts or if you want to bring the Processor up to the most current configuration, order and install Mod 29, Part No. 8B6612.         </div>
B	8B6568	Roller Assembly	1	

Figure 3-24 Wash Rack - Serial Numbers Below 1300 with Mod 29 Installed - Guide Shoe



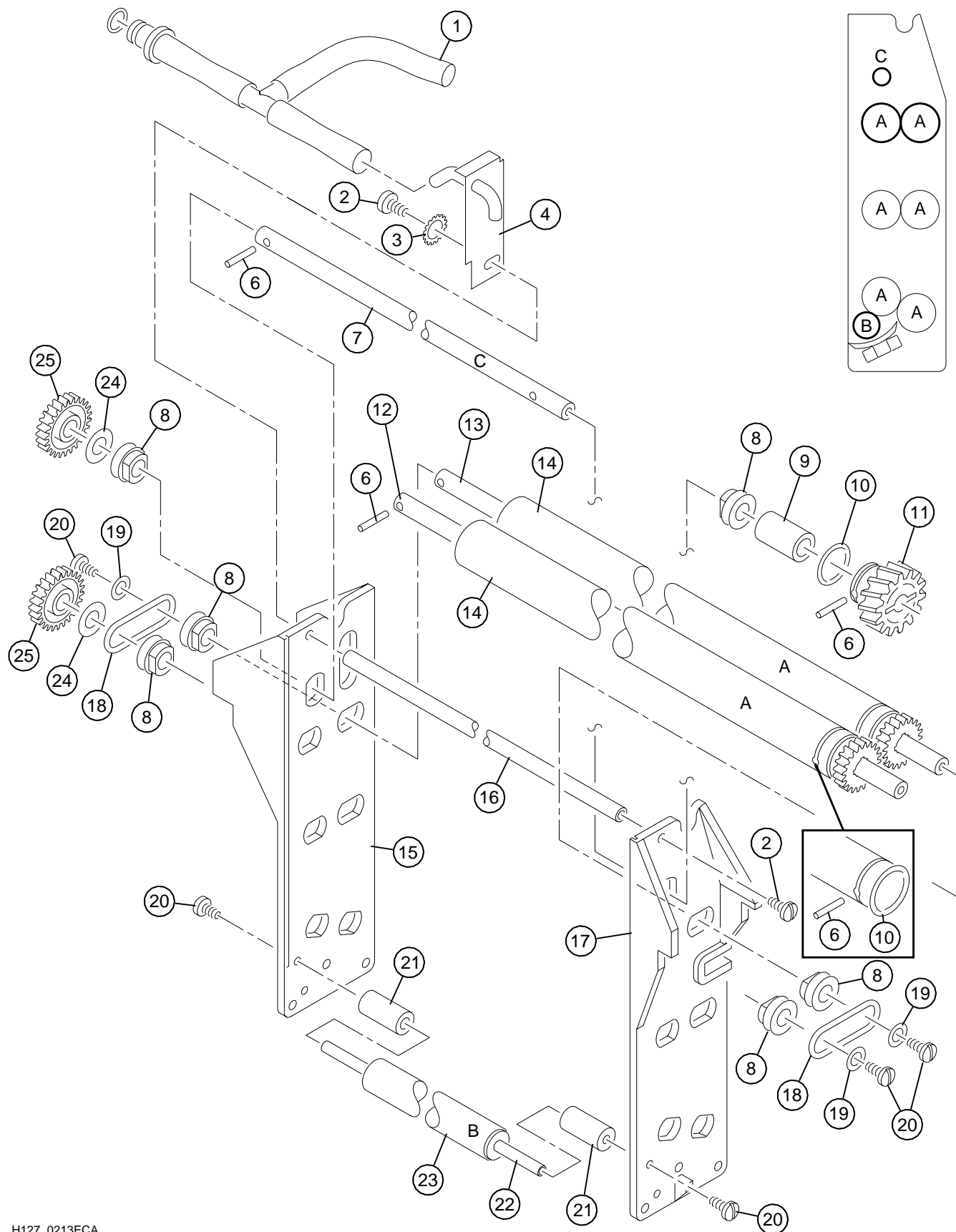
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Figure 3-24

Item	Part No.	Description	Qty.	Notes
1	1C4384	Tube - Yoke Supply	1	
2	1C4385	Hose - Yoke	1	
3	1C7399	Yoke and Pin Assembly	1	
4	8B7354	Side Plate - Wash Rack, Non-Drive	1	
5	5B6585	Manifold - Water	1	
6	458219	Rod - Tie	3	
7	852807	Screw	9	
8	8B7353	Side Plate - Wash Rack, Drive	1	
9	852682	Screw		
10	544267	Screw	4	
11	474596	Bracket - Guide Shoe	2	
12	779028	Gear	6	
13	911725	Bushing - Idler	2	
14	5B6808	Screw - Shoulder	2	
15	852522	Screw	2	
16	8B7377	Shoe - Guide	1	
17	852835	Screw	1	
18	459945	Washer	1	

Figure 3-25 Wash Rack - Serial Numbers Below 1300 with Mod 29 Installed - Rollers

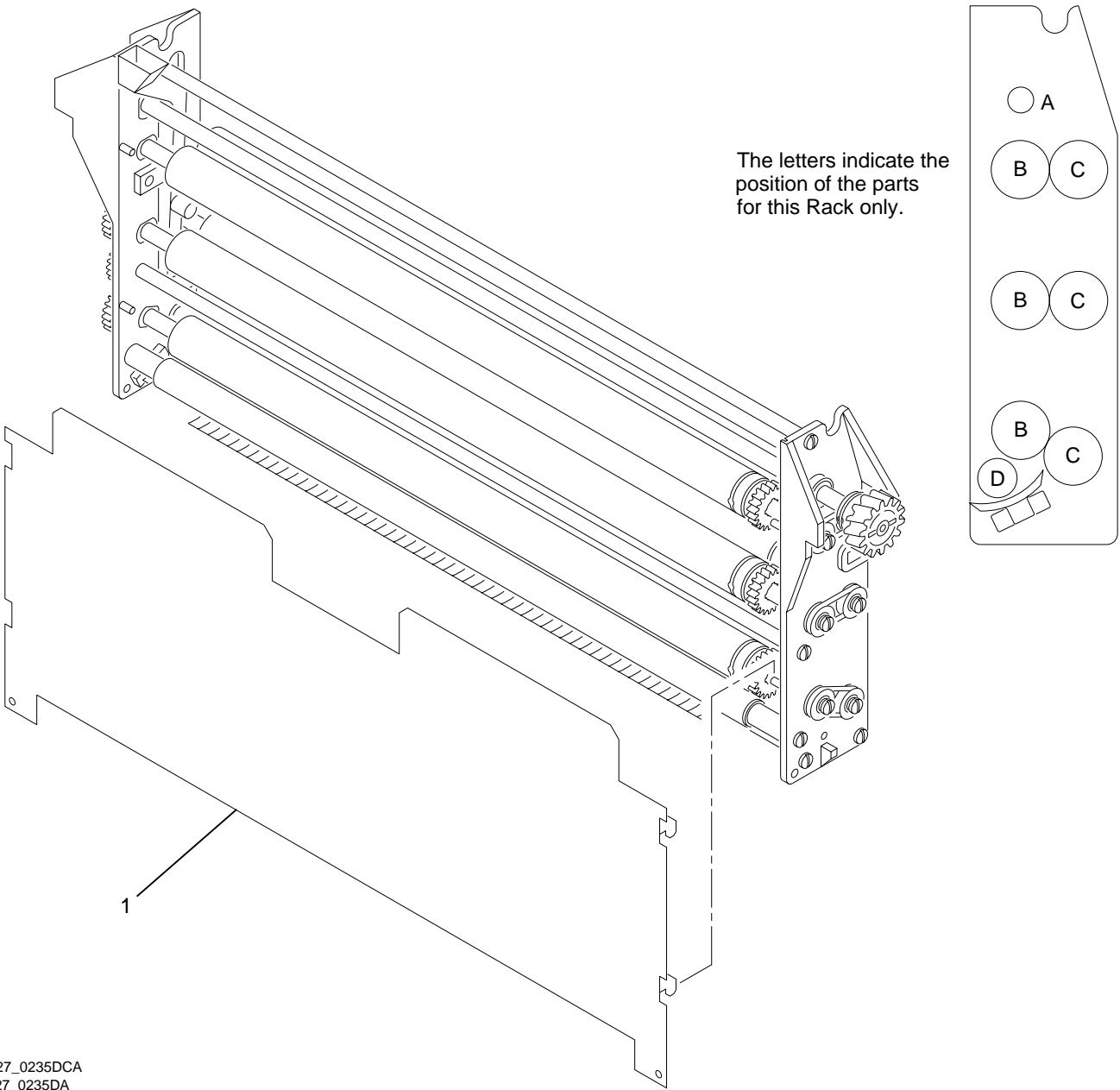


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Figure 3-25

Item	Part No.	Description	Qty.	Notes
1	1C4398	Tubing Assembly	1	
2	852682	Screw		
3	539180	Washer - Star	1	
4	5B6892	Bracket - Tubing	1	C
6	502464	Pin	11	
7	1C7366	Shaft	1	
8	779119	Bearing	14	
9	5B6589	Spacer	1	
10	183851	O-Ring	7	
11	5B6591	Gear	1	
12	5B6588	Shaft	3	
13	5B6587	Shaft	3	
14	5B6590	Roller Assembly	6	A
15	8B7354	Side Plate - Wash Rack, Non-Drive	1	
16	458219	Rod - Tie	3	
17	8B7353	Side Plate - Wash Rack, Drive	1	
18	1C7107	Spring - Extension	6	
19	852611	Washer	9	
20	490097	Screw	11	
21	953828	Spacer	2	
22	5B6817	Shaft	1	
23	5B6568	Roller Assembly	1	B
24	418775	Washer - Thrust	4	
25	779028	Gear	6	

Figure 3-26 Wash Rack - Serial Numbers 1300 and Above

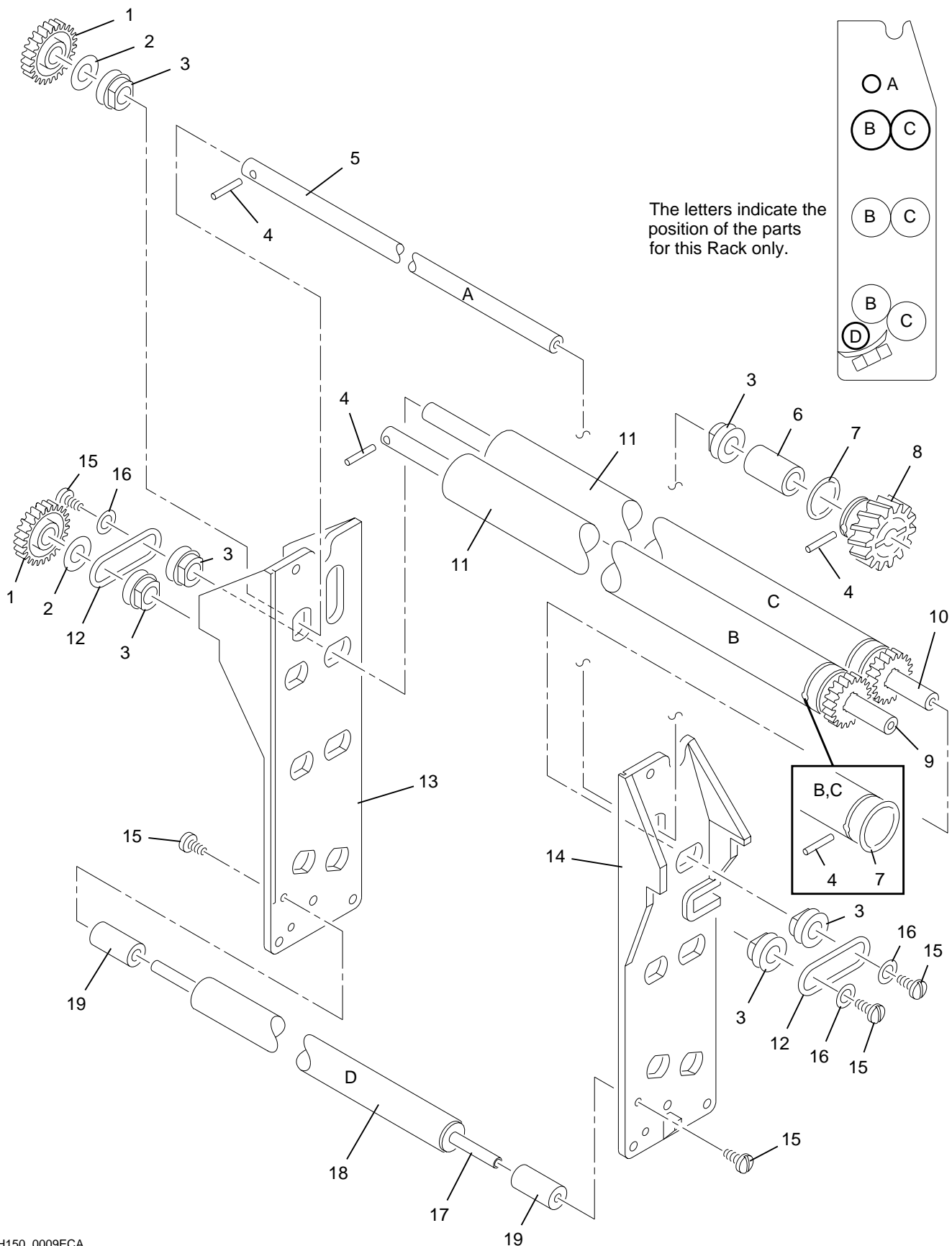


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Figure 3–26

Item	Part No.	Description	Qty.	Notes
	5B6575	Rack - Wash	1	Complete Rack Assembly for Serial Numbers 1300 and above
A	1C7366	Shaft	1	
B,C	5B6590	Roller Assembly	6	
D	5B6568	Roller Assembly	1	
1	8B7122	Guard - Splash	1	

Figure 3-27 Wash Rack - Serial Numbers 1300 and Above - Rollers

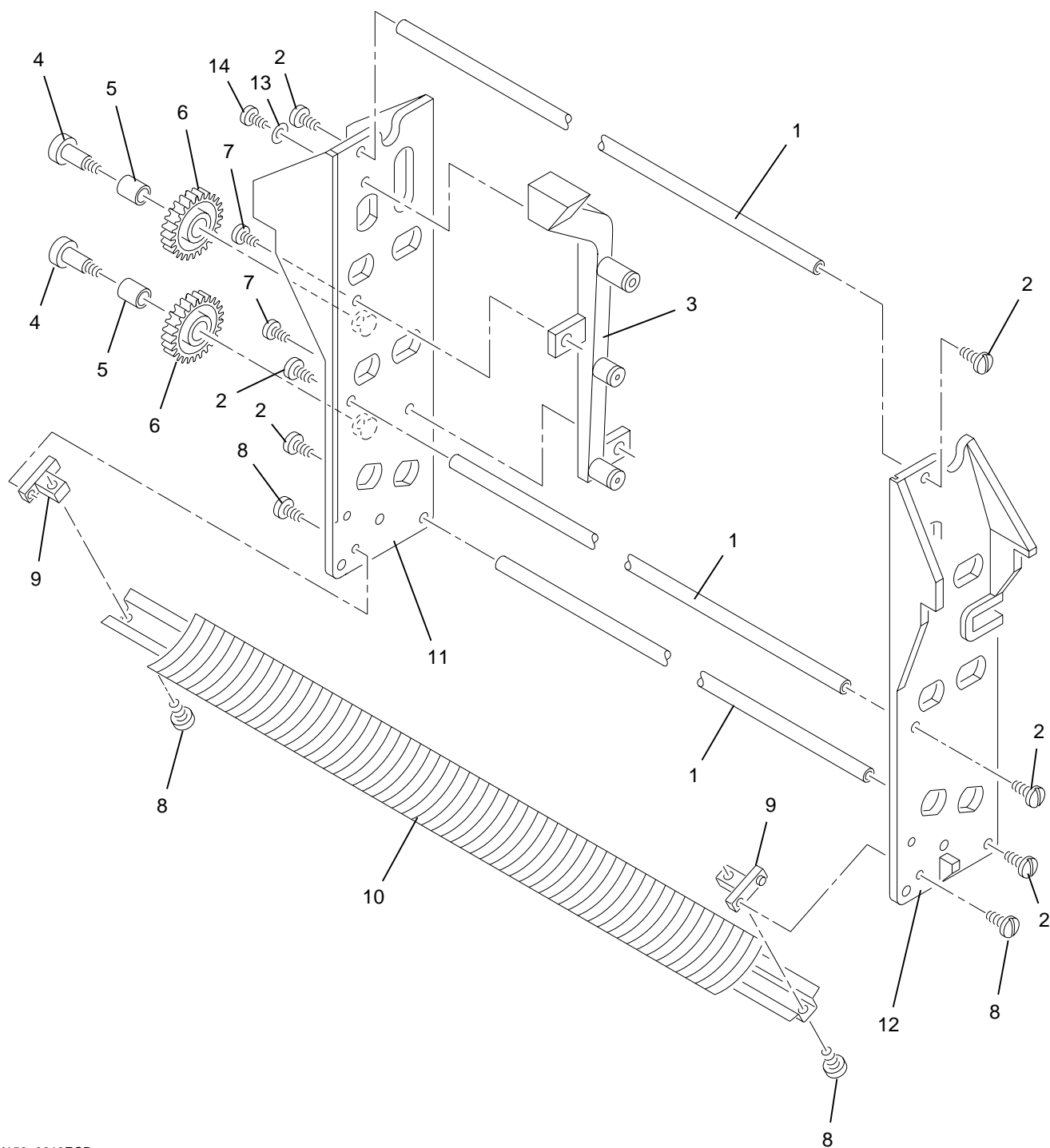


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Figure 3-27

Item	Part No.	Description	Qty.	Notes
1	779028	Gear	6	
2	418775	Washer - Thrust	6	
3	779119	Bearing	14	
4	502464	Pin	11	A
5	1C7366	Shaft	1	
6	5B6589	Spacer	1	
7	183851	O-Ring	7	
8	5B6591	Gear	1	
9	5B6588	Shaft	3	
10	5B6587	Shaft	3	B,C
11	5B6590	Roller Assembly	6	
12	1C7107	Spring - Extension	6	
13	8B7354	Side Plate - Wash Rack, Non-Drive	1	
14	8B7353	Side Plate - Wash Rack, Drive	1	
15	490097	Screw	11	
16	852611	Washer	9	D
17	5B6817	Shaft	1	
18	8B6568	Roller Assembly	1	
19	953828	Spacer	2	

Figure 3-28 Wash Rack - Serial Numbers 1300 and Above - Guide Shoe



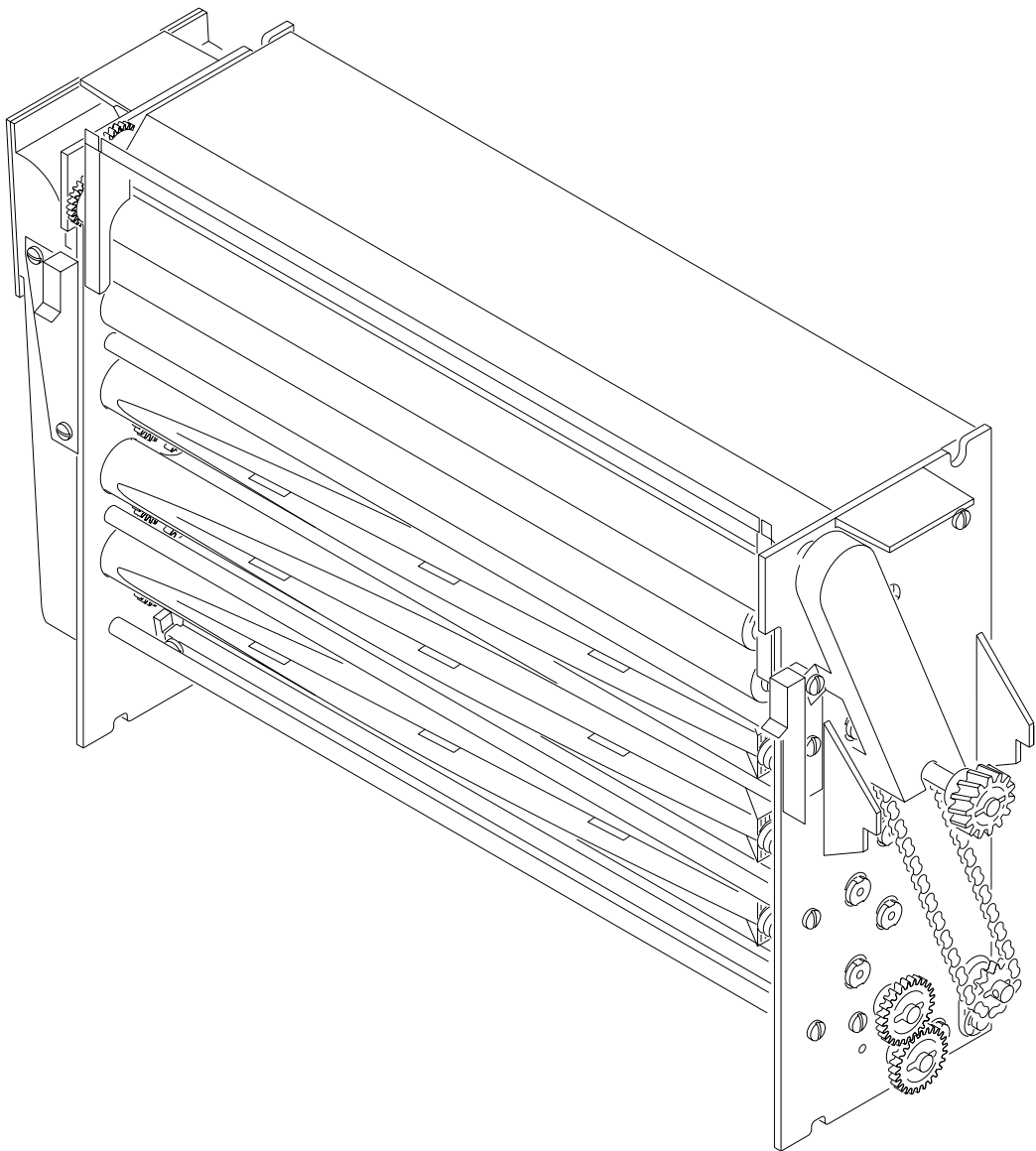
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Figure 3-28

Item	Part No.	Description	Qty.	Notes
1	458219	Rod - Tie	3	
2	852807	Screw	6	
3	5B6585	Manifold - Water	1	
4	5B6808	Screw - Shoulder	2	
5	911725	Bushing - Idler	2	
6	779028	Gear	6	
7	852522	Screw	2	
8	544267	Screw	4	
9	474596	Bracket - Guide Shoe	2	
10	8B7377	Shoe - Guide	1	
11	8B7354	Side Plate - Wash Rack, Non-Drive	1	
12	8B7353	Side Plate - Wash Rack, Drive	1	
13	459945	Washer	1	
14	852835	Screw	1	

Figure 3-29 Dryer Rack Assembly

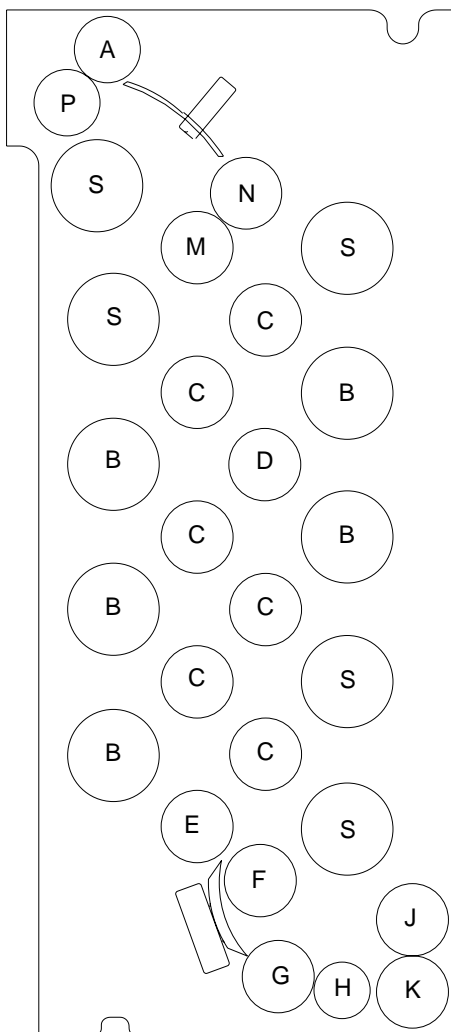


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Figure 3-29

Item	Part No.	Description	Qty.	Notes
	8B7375	Rack - Dryer	1	

Figure 3–30 Dryer Rack - Roller Assemblies

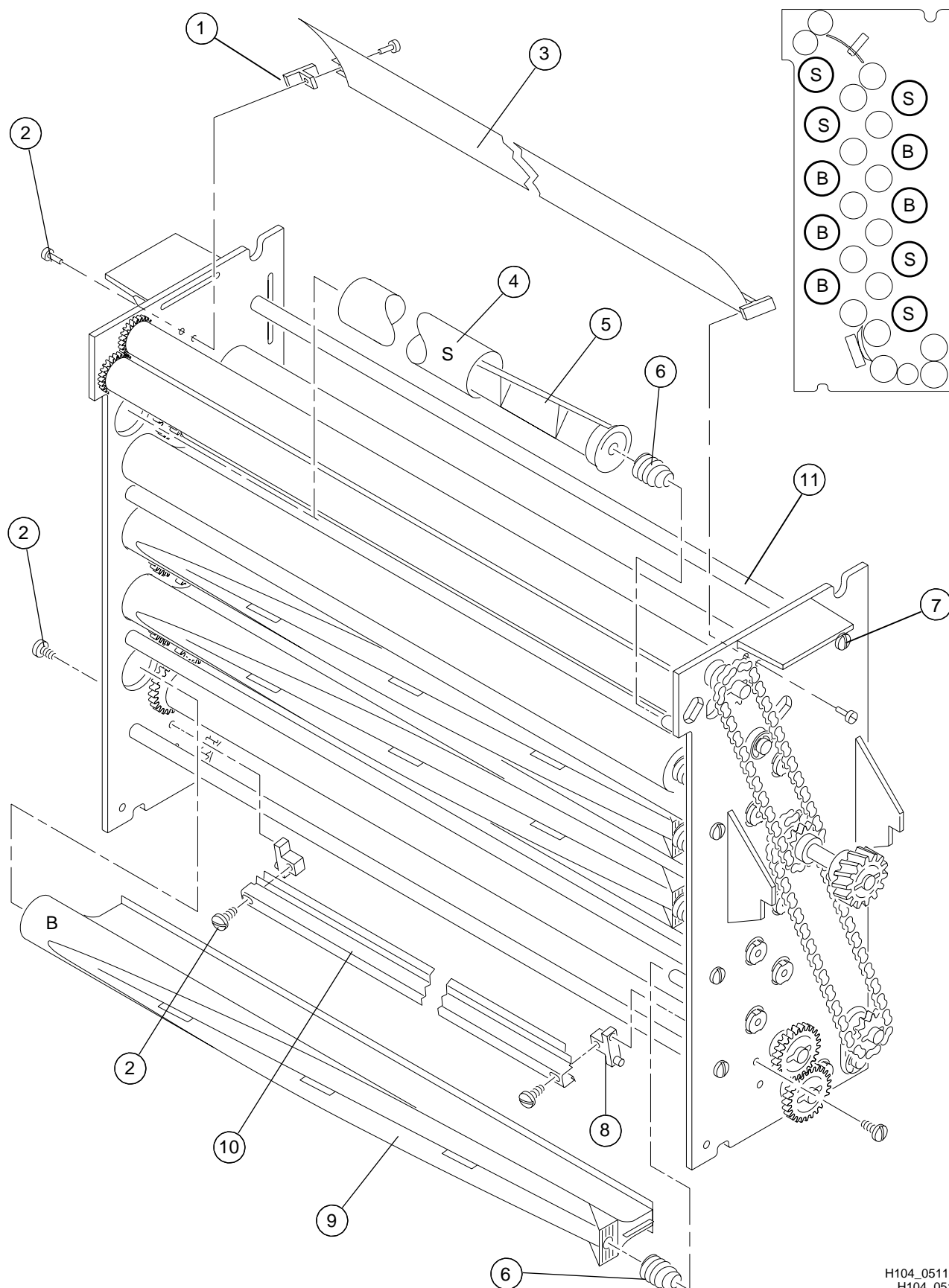


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Figure 3–30

Item	Part No.	Description	Qty.	Notes
A,N	246979	Roller	2	
B	914921	Air Tube - Snouted, Black	5	
C,E	587329	Roller	7	
D,F,G,M	911660	Roller	4	
H	911662	Roller	1	
P	594237	Roller	1	
J	8B7110	Roller - Squeegee, Drive	1	
K	8B7111	Roller - Squeegee, Driven	1	
S	240101	Air Tube - Metal	5	

Figure 3-31 Dryer Rack - Air Tubes

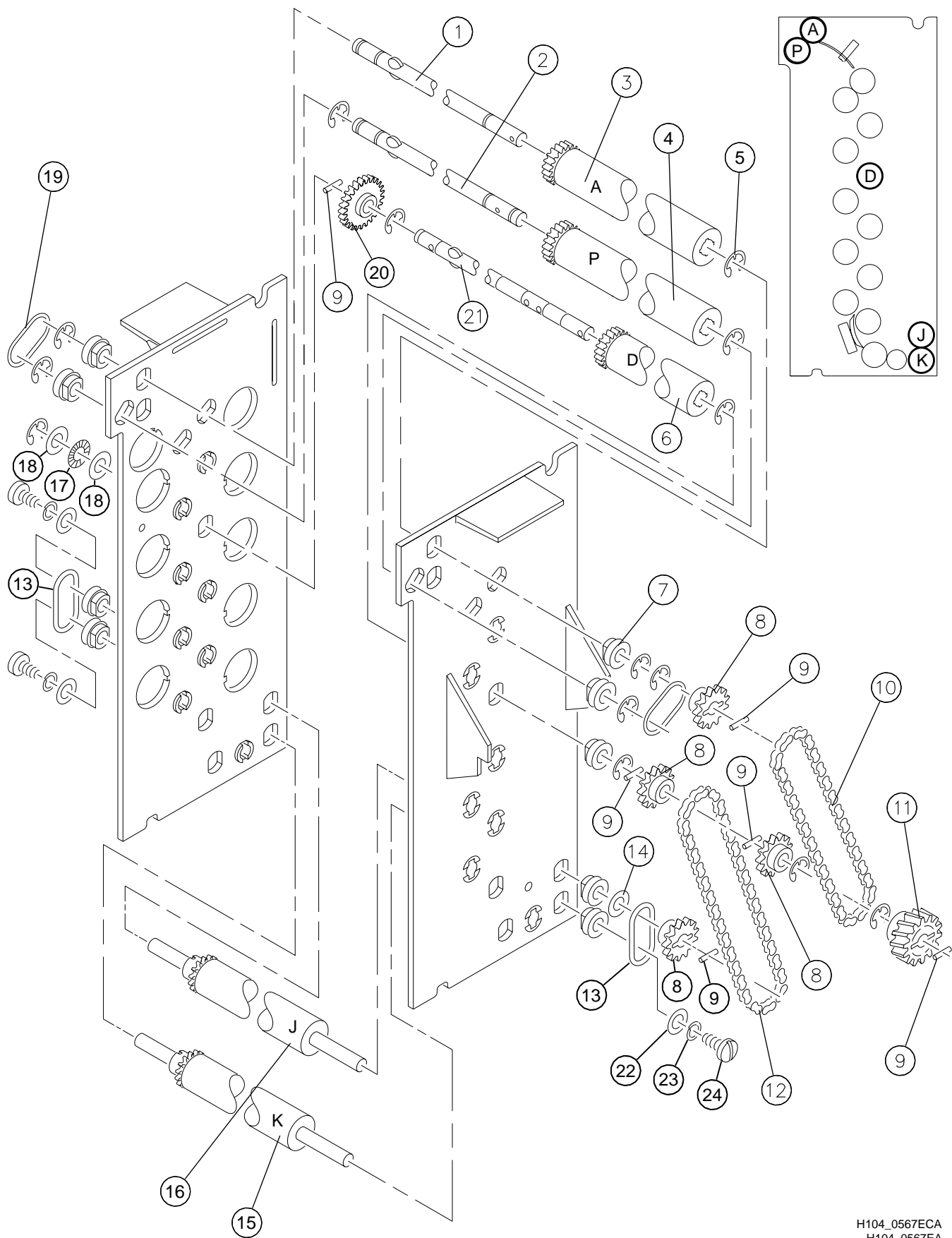


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H104\_0511EA

Figure 3-31

Item	Part No.	Description	Qty.	Notes
1	594233	Bracket - Guide Shoe	2	
2	5B6316	Screw	8	
3	914705	Shoe - Guide	1	
4	240101	Air Tube - Metal	5	S
5	534770	Deflector - Air Tube	5	
6	562609	Spring - Air Tube	10	
7	852811	Screw	12	B
8	474596	Bracket - Guide Shoe	2	
9	914921	Air Tube - Snouted, Black	5	
10	914704	Shoe - Guide	1	
11	532164	Rod - Tie	6	

Figure 3-32 Dryer Rack - Squeegee Rollers



H104\_0567ECA  
H104\_0567EA

Figure 3-32

Item	Part No.	Description	Qty.	Notes
1	335663	Shaft	1	
2	748022	Shaft	3	
3	246979	Roller	2	
4	594237	Roller	1	
5	651107	E-Ring	26	
6	911660	Roller	4	D
7	779119	Bearing	18	
8	8B7109	Sprocket	4	
9	502464	Pin	10	
10	914737	Chain	1	
11	550774	Gear	1	
12	914738	Chain	1	
13	5B6165	Spring	2	
14	418775	Washer - Thrust	4	
15	8B7111	Roller - Squeegee, Driven	1	K Includes 2 each of Items 22, 23, and 24. Earlier Squeegee Rollers, mounted with E-Rings, are no longer available. Roller Assembly 8B7111 is compatible with the earlier Racks.
16	8B7110	Roller - Squeegee, Drive	1	J Includes 1 each of Items 22, 23, and 24. Earlier Squeegee Rollers, mounted with E-Rings, are no longer available. Roller Assembly 8B7110 is compatible with the earlier Racks.
17	3B7301	Bearing - Thrust	1	
18	619512	Washer - Thrust	2	
19	1C7106	Spring - Extension	4	
20	911664	Gear	4	
21	1C4952	Shaft	1	Includes items 17 & 18.
22	852611	Washer	3	
23	853087	Washer - Lock	3	
24	852682	Screw	3	

Figure 3-33 Dryer Rack - Other Rollers, 1 of 2

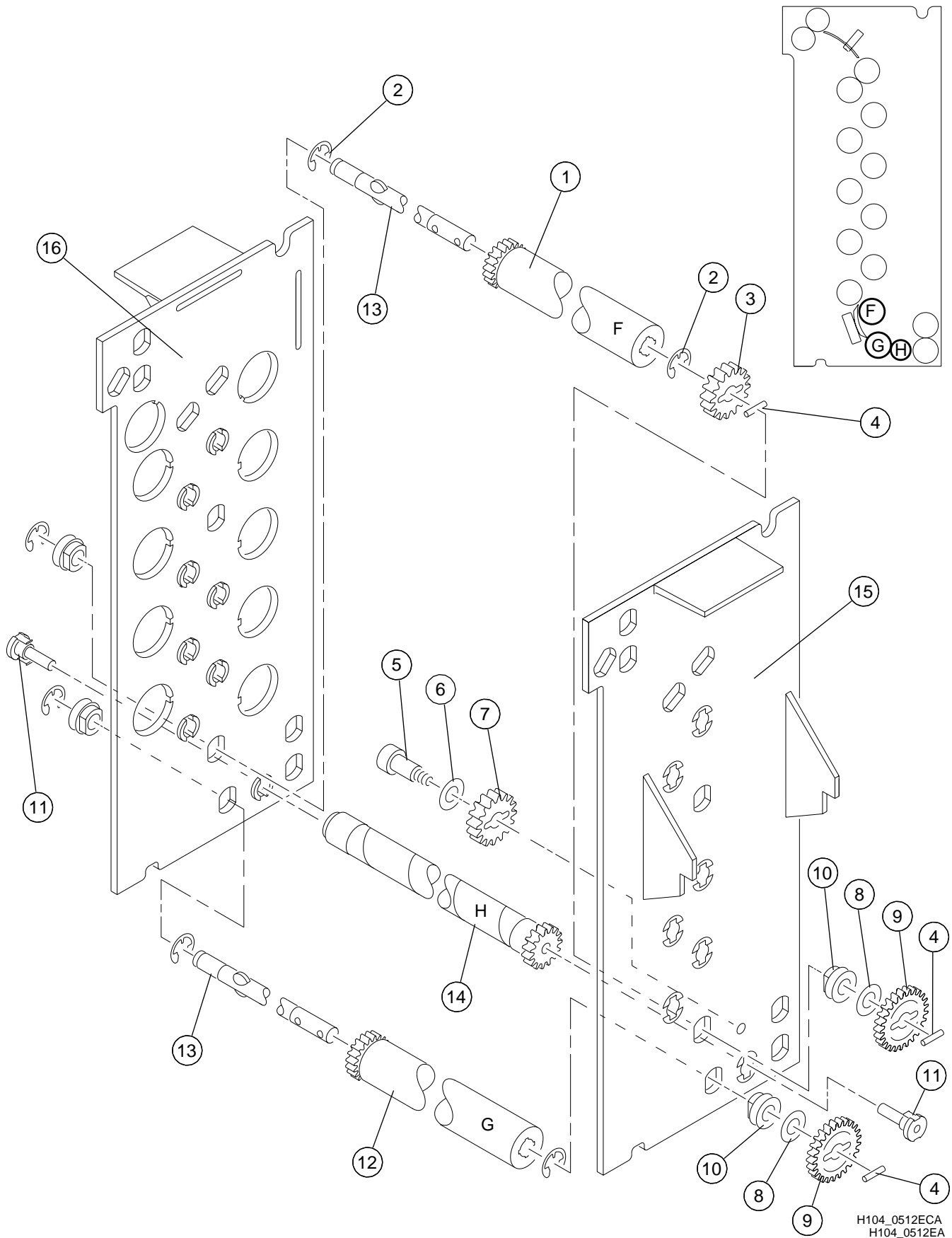




Figure 3-33

Item	Part No.	Description	Qty.	Notes
1	911660	Roller	4	F
2	651107	E-Ring	26	
3	1C7245	Gear	1	
4	502464	Pin	10	
5	990010	Screw - Shoulder	1	
6	418875	Washer - Thrust	4	
7	911663	Gear	1	
8	418775	Washer - Thrust	4	
9	911664	Gear	4	
10	779119	Bearing	18	
11	562228	Stud - Snap-In	16	
12	911660	Roller	4	
13	748021	Shaft	2	G
14	911662	Roller	1	
15	8B7385	Side Plate - Drive Side	1	
16	8B7386	Side Plate - Non-Drive Side	1	

Figure 3-34 Dryer Rack - Other Rollers, 2 of 2

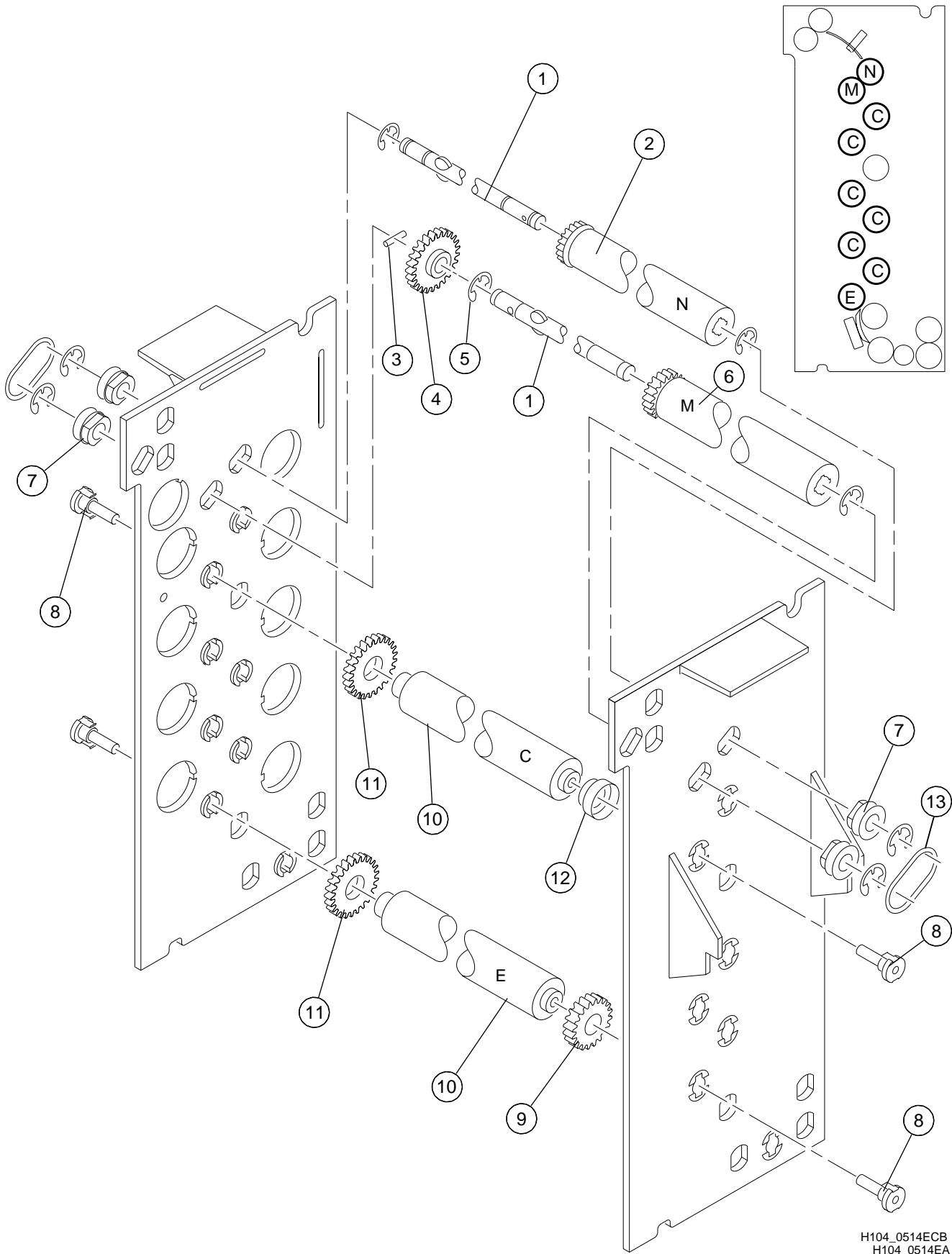


Figure 3-34

Item	Part No.	Description	Qty.	Notes
1	748022	Shaft	3	N
2	246979	Roller	2	
3	502464	Pin	10	
4	911664	Gear	4	M
5	651107	E-Ring	26	
6	911660	Roller	4	
7	779119	Bearing	18	
8	562228	Stud - Snap-In	16	
9	1C7244	Gear - Snap-In	1	
10	587329	Roller	7	C & E
11	532124	Gear - Snap-In	7	
12	943469	Gudgeon - Snap-In	6	
13	1C7106	Spring - Extension	4	

### Figure 3-35 Dryer Rack - Drive Chain Cover and Plenum

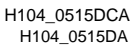


Figure 3–35

Item	Part No.	Description	Qty.	Notes
1	918933	Cover - Dryer, Top	1	For serial numbers below 1300
2	955595	Bracket - Stop, Non-Drive	1	
3	575821	Screw	2	
4	7B8245	Screw	6	
5	165627	Washer	4	
6	187213	Washer - Lock	4	
7	852522	Screw	4	For serial numbers below 1300 For serial numbers 1300 and above. Includes Brackets.
8	943662	Plenum - Dryer	1	
	8B7212	Plenum - Dryer	1	
9	914712	Cover - Dryer, Front	1	
10	5B6841	Bracket - Stop, Drive	1	
11	852799	Washer	2	
12	852811	Screw	12	
13	918931	Cover - Chain Drive	1	
14	7B8245	Screw	6	



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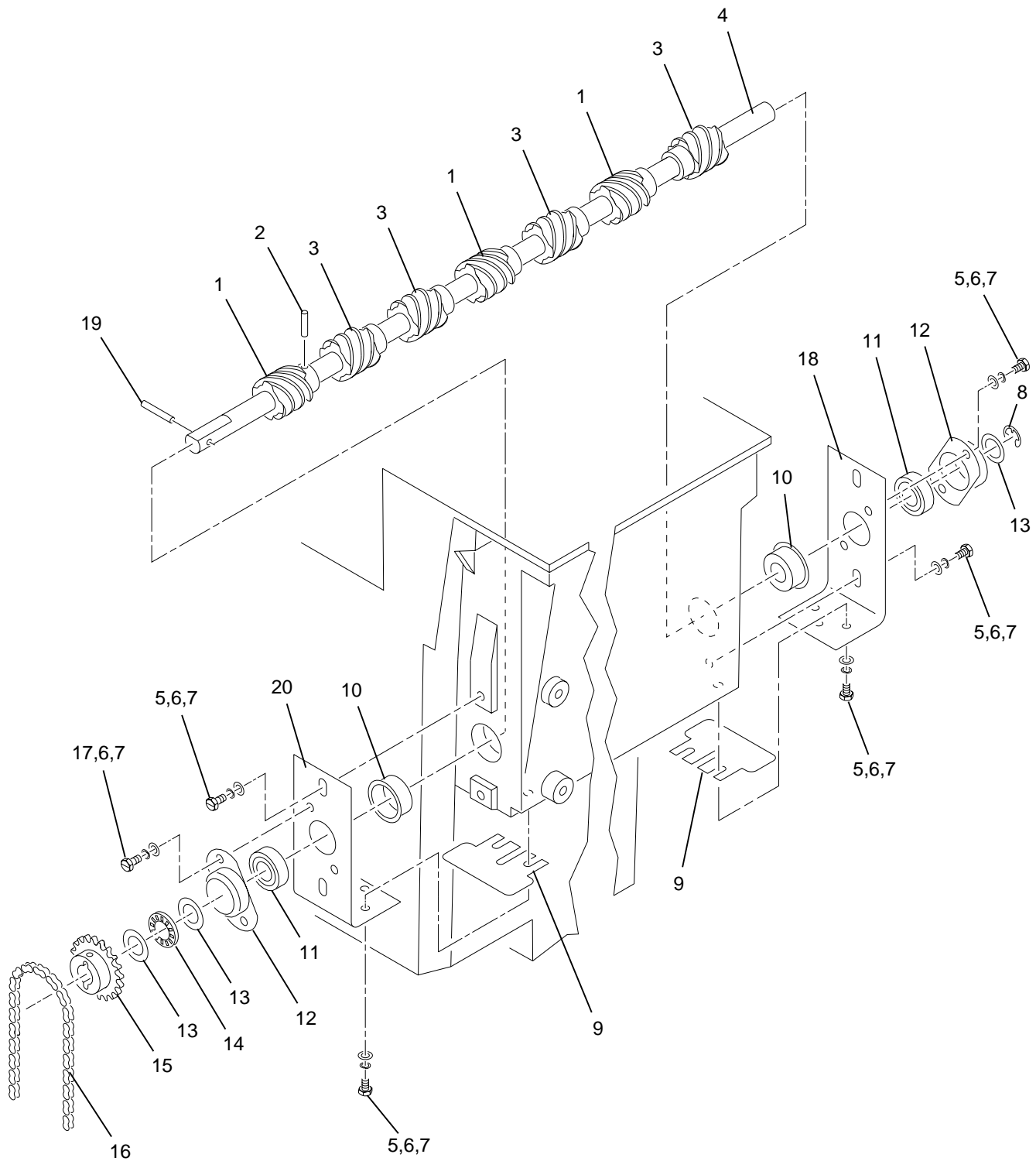
## Section 4: Main Drive Assembly

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### Table of Contents

Description	Page
Main Drive Shaft . . . . .	4-2
Main Drive Motor . . . . .	4-4

Figure 4-1 Main Drive Shaft



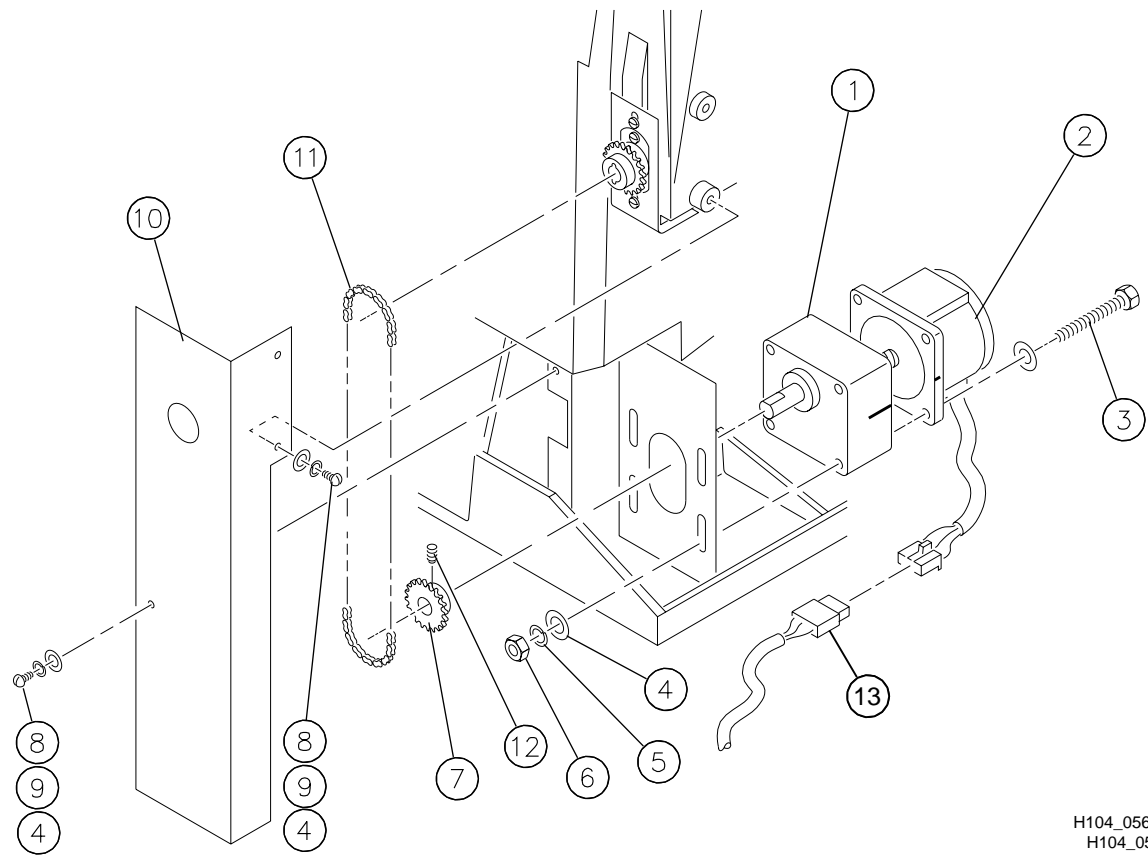
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H127\_0237EA



Figure 4-1

Item	Part No.	Description	Notes
1	748956	Gear - Worm, Right	
2	853000	Pin	
3	748955	Gear - Worm, Left	
4	911656	Shaft - Drive	
5	619284	Screw	
6	852961	Washer - Lock	
7	852799	Washer	
8	192904	E-Ring	
9	911732	Shim	For serial numbers below 1300
	8B6662	Shim	For serial numbers 1300 and above
10	562650	Shield	
11	595426	Bearing	
12	594103	Retainer -Bearing	
13	748957	Washer	
14	897205	Bearing - Thrust	
15	914721	Sprocket	
16	911727	Chain - Drive	
17	187235	Screw	
18	911731	Mount - Bearing, Feed End	For serial numbers below 1300
	5B6632	Mount - Bearing	For serial numbers 1300 and above
19	914898	Pin - Dowel	
20	8B6582	Mount - Bearing, Dryer End	For serial numbers below 1300
	5B6632	Mount - Bearing	For serial numbers 1300 and above

Figure 4-2 Main Drive Motor



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H104\_0568HA

Figure 4–2

Item	Part No.	Description	Notes
1	779325	Gear Box	
2	955703	Motor	
3	914518	Screw	
4	852799	Washer	
5	852961	Washer - Lock	
6	852800	Nut	
7	454454	Sprocket - Drive	
8	619284	Screw	
9	852961	Washer - Lock	
10	5B6560	Cover - Drive Chain Guard	
11	911727	Chain - Drive	
12	852558	Setscrew	
13	246045	Wire Harness	Harness from the Drive Motor to the Motor Controller



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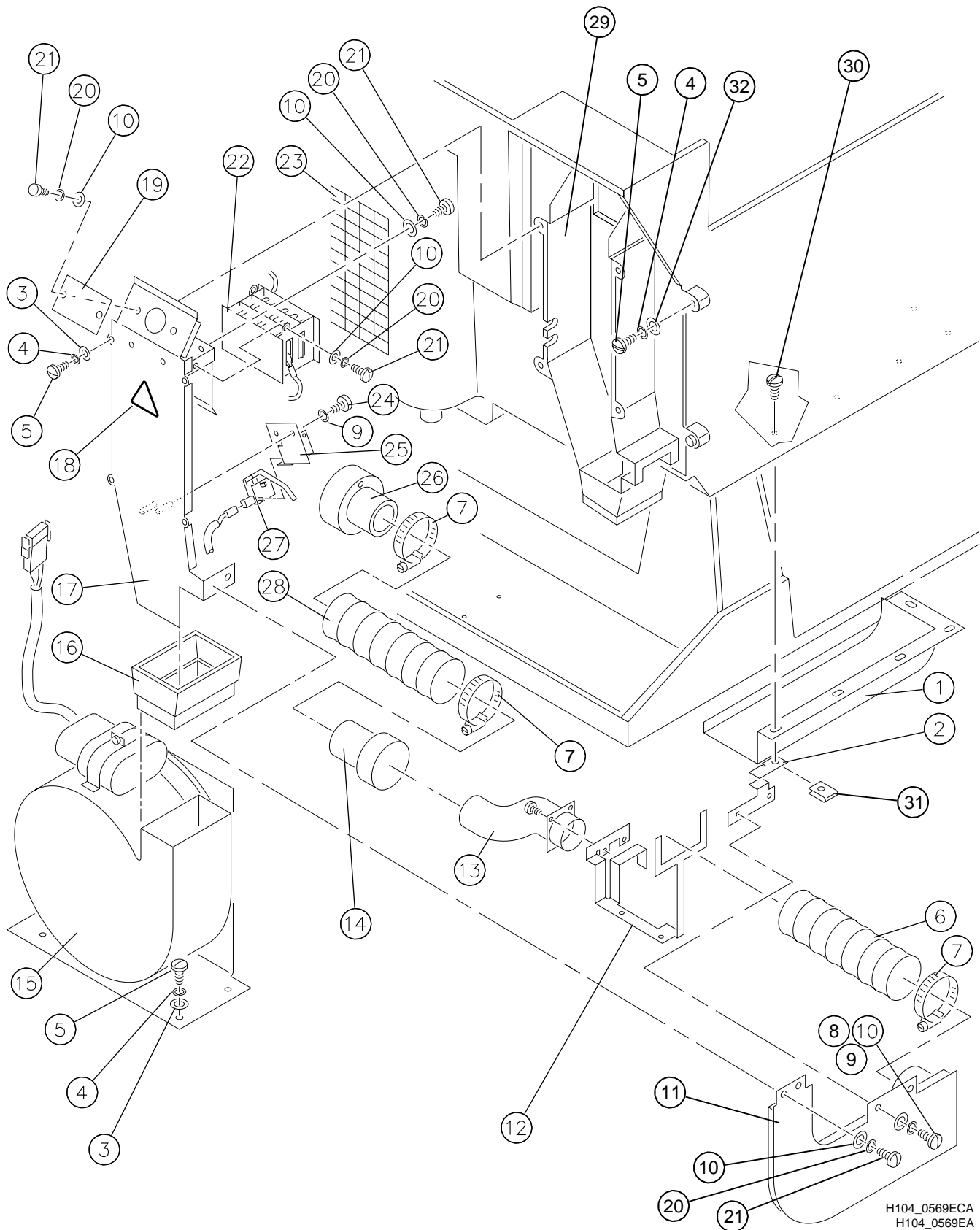
## Section 5: Dryer Assembly

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### Table of Contents

Description	Page
Dryer Assembly .....	5-2

Figure 5-1 Dryer Assembly



H104\_0569ECA  
H104\_0569EA

Figure 5–1

Item	Part No.	Description	Notes
1	8B7383	Plenum - Air Return	
2	911735	Bracket - Plenum	For serial numbers below 1300
	8B7356	Bracket - Plenum	For serial numbers 1300 and above
3	852799	Washer	
4	852961	Washer - Lock	
5	619284	Screw	
6	911677	Hose	
7	531927	Clamp	
8	556032	Screw	
9	191098	Washer - Lock	
10	852611	Washer	
11	911678	Adapter - Plenum End	
12	911737	Bracket	
13	9219043	Adapter - Exhaust	Not normally stocked. Special Order only.
14	911679	Adapter - Exhaust	
15	748638	Blower Assembly - Dryer	
16	532108	Sleeve - Blower Outlet	
17	914706	Cover - Plenum Assembly	
18	918383	Label - Caution	
19	914723	Plate	
20	853100	Washer - Lock	
21	852682	Screw	
22	748511	Heater - Dryer	
23	914744	Screen - Heater	
24	556032	Screw	
25	943400	Bracket - Switch	
26	911674	Adapter - Exhaust	
27	943375	Switch - Dryer Airflow	
28	911680	Hose	
29	8B7213	Housing - Heater	For serial numbers 1300 and above
30	853165	Screw	For serial numbers 1300 and above
31	779453	Fastener	For serial numbers 1300 and above
32	852799	Washer	For serial numbers 1300 and above



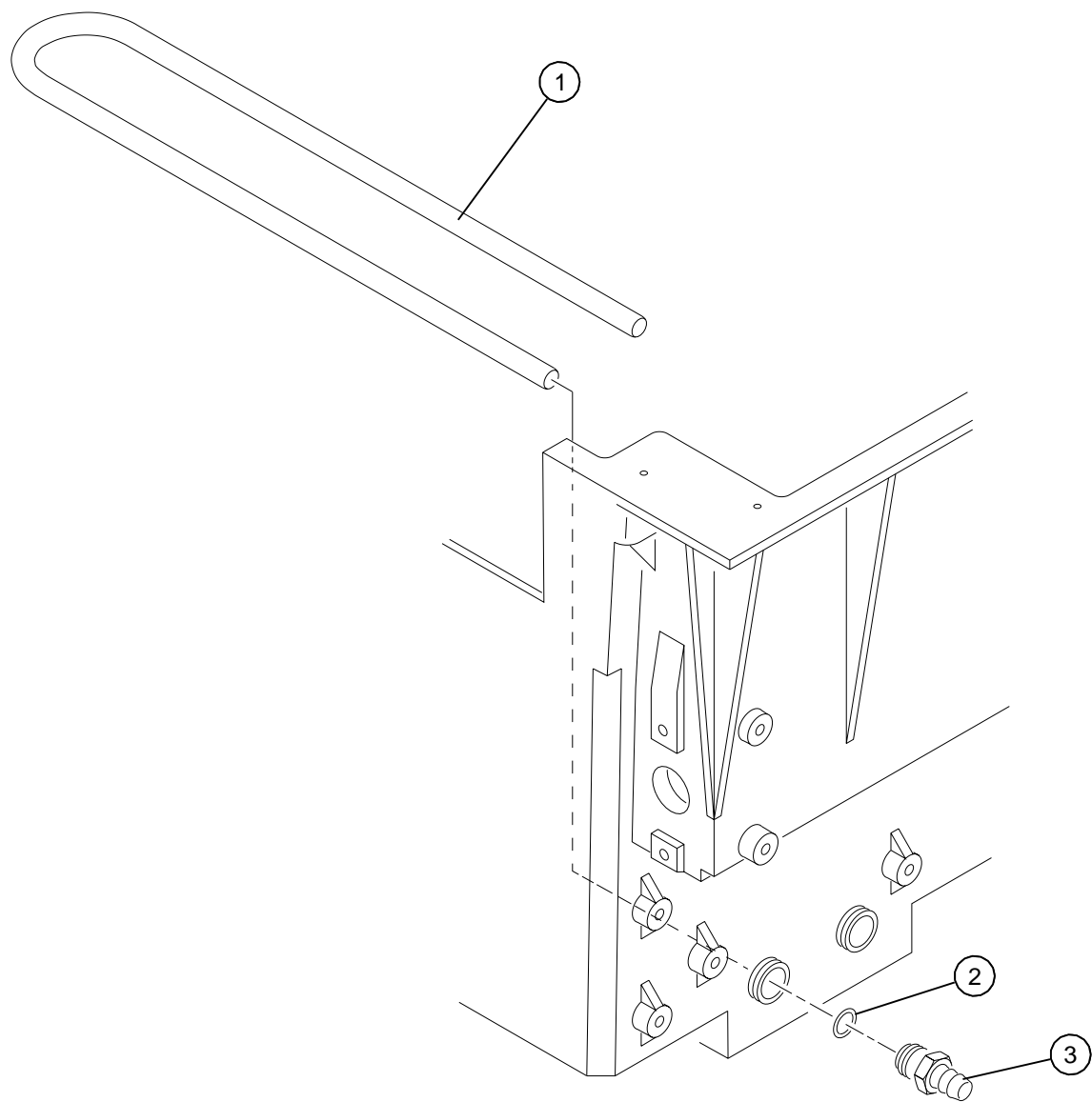


## Section 6: Plumbing

### Table of Contents

Description	Page
Heat Exchanger . . . . .	6-2
Solution Thermowell . . . . .	6-4
Recirculation Pump Assembly . . . . .	6-6
Replenishment Pump Assembly . . . . .	6-8
Mandrel Filter Assembly . . . . .	6-10
Bulkhead Fittings, 1 of 2 . . . . .	6-12
Bulkhead Fittings, 2 of 2 . . . . .	6-14
Developer Plumbing Diagram . . . . .	6-16
Fixer Plumbing Diagram . . . . .	6-18
Wash Plumbing Diagram . . . . .	6-20

Figure 6-1 Heat Exchanger

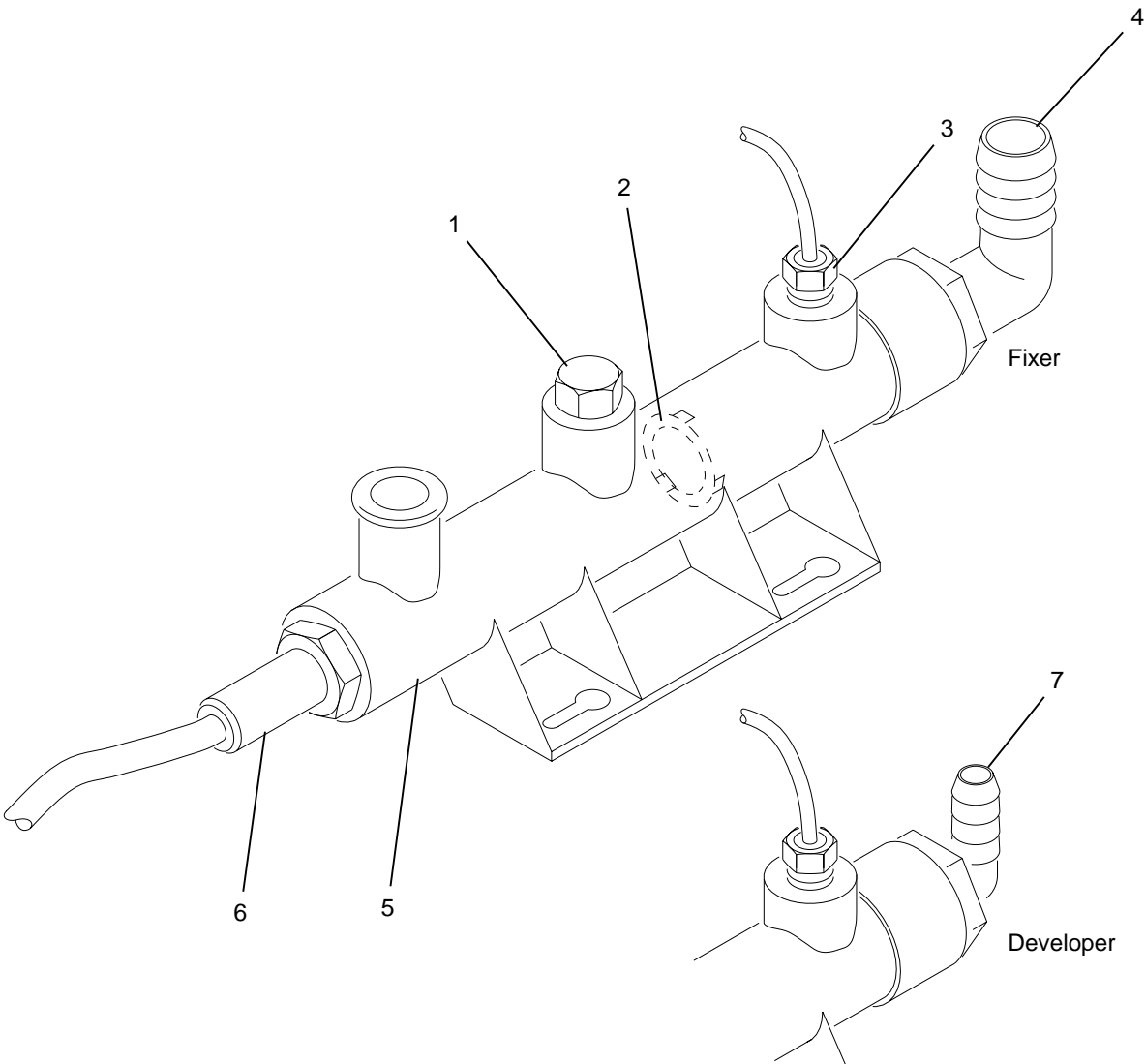


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Figure 6–1

Item	Part No.	Description	Notes
1	914724	Exchanger - Heat	
2	532378	O-Ring	
3	5B6156	Fitting - Barbed	

Figure 6-2 Solution Thermowell

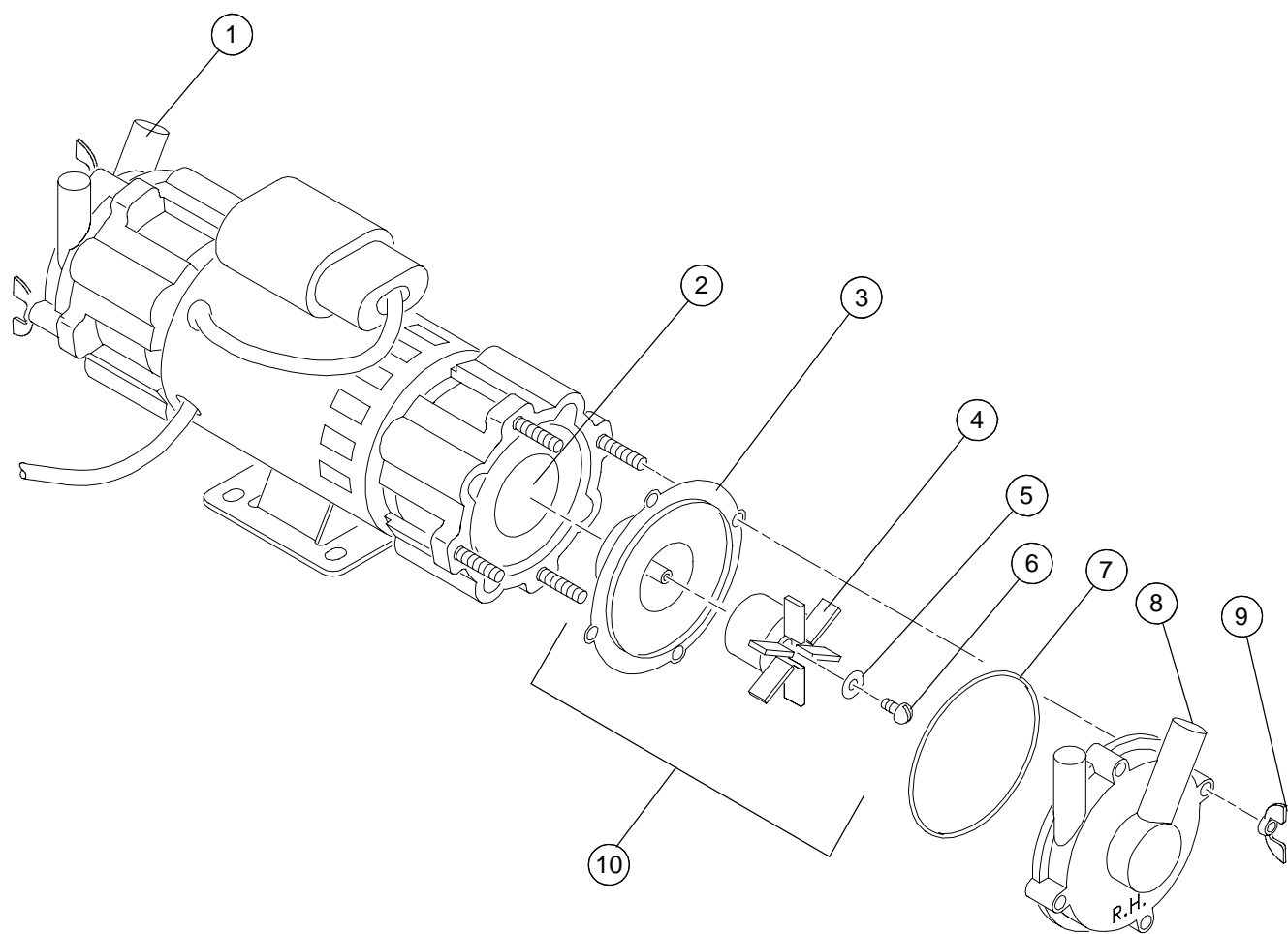


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Figure 6–2

Item	Part No.	Description	Notes
1	541891	Plug - Thermowell	Developer and Fixer
2	607793	Locator	Developer and Fixer
3	911432	Thermistor - Solution	Developer and Fixer
4	478510	Fitting - Elbow	Fixer
5	8B7080	Thermowell	Developer and Fixer
6	1C4564	Heater - Solution	Developer and Fixer
7	5B6569	Fitting - Elbow	Developer for serial numbers 1300 and above
	478510	Fitting - Elbow	Developer for serial numbers below 1300

Figure 6-3 Recirculation Pump Assembly

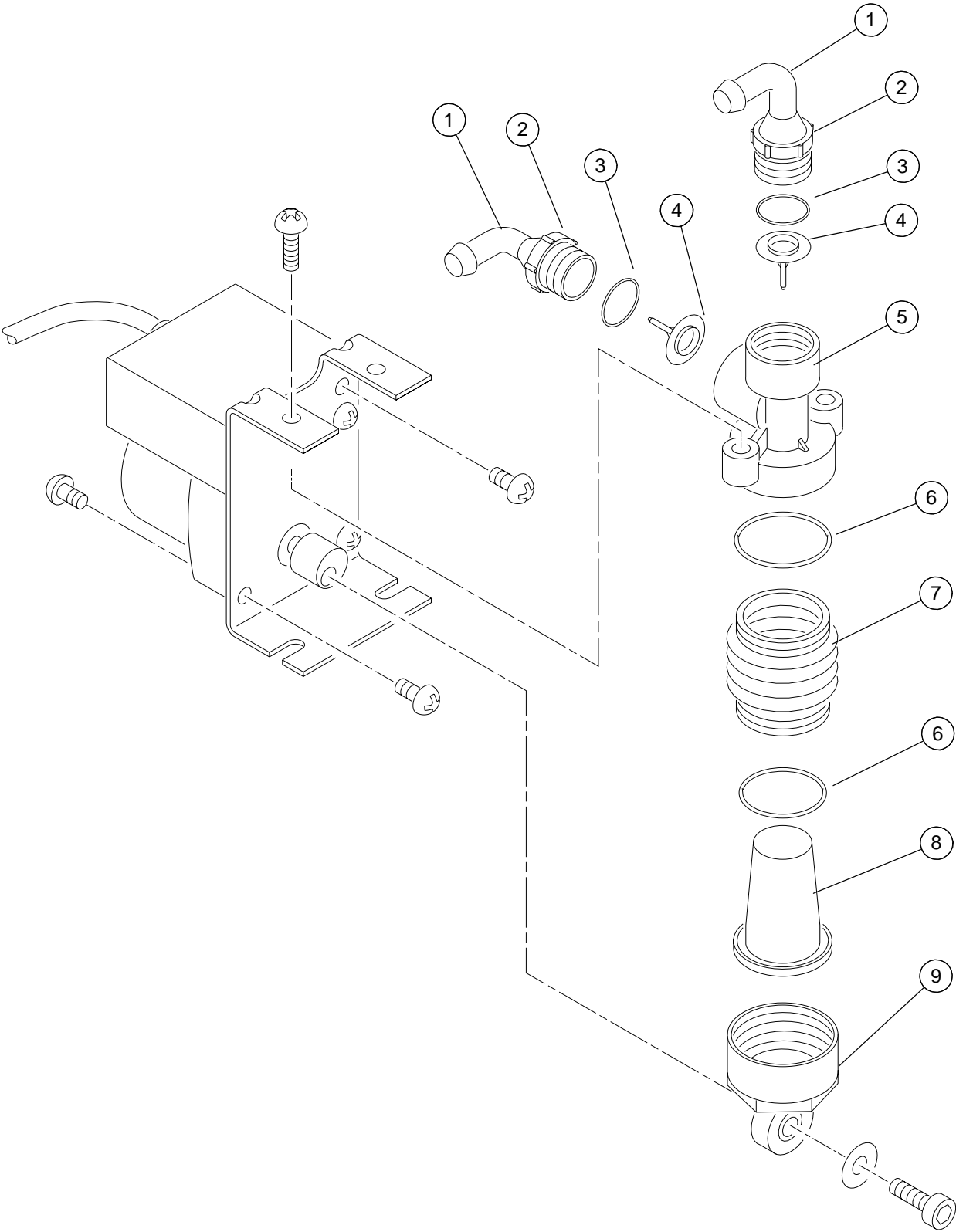


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Figure 6–3

Item	Part No.	Description	Notes
1	1C4594	Recirculation Pump Assembly	Includes all the items on this page.
2	472605	Housing - Left Side	
3	473926	Magnet	
4	418700	Housing - Inner	
5	474362	Impeller	
6	493505	Washer	
7	852946	Screw	
8	463363	O-Ring	
	472606	Housing - Right Side	

Figure 6-4 Replenishment Pump Assembly



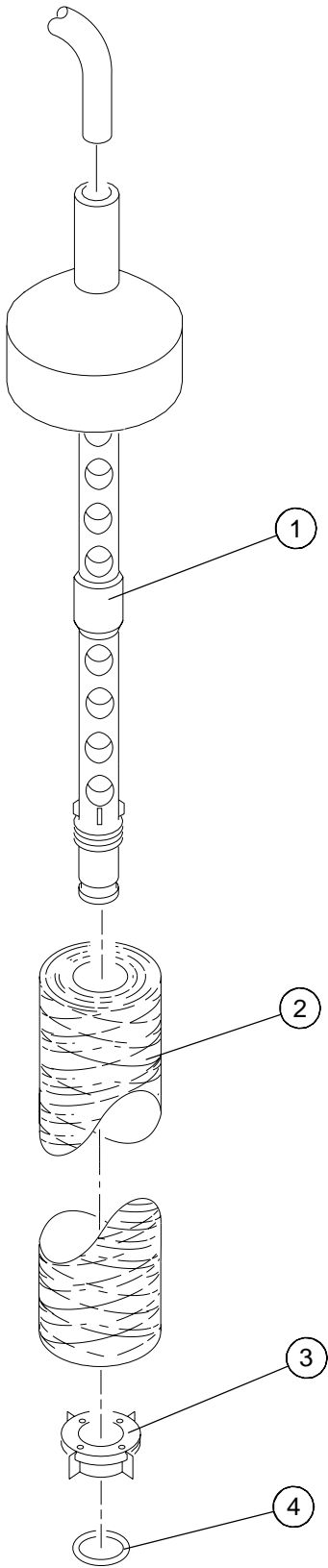
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Figure 6-4

Item	Part No.	Description	Notes
1	1C4593	Replenishment Pump Assembly	Includes all the items on this page
2	520390	Fitting - Elbow	
3	520391	Nut	
4	520388	O-Ring	
5	609817	Valve - Poppet	
6	535638	Body - Valve	
7	535639	O-Ring	
8	532008	Bellows	
9	1C4593	Replenishment Pump Assembly	

Figure 6-5 Mandrel Filter Assembly

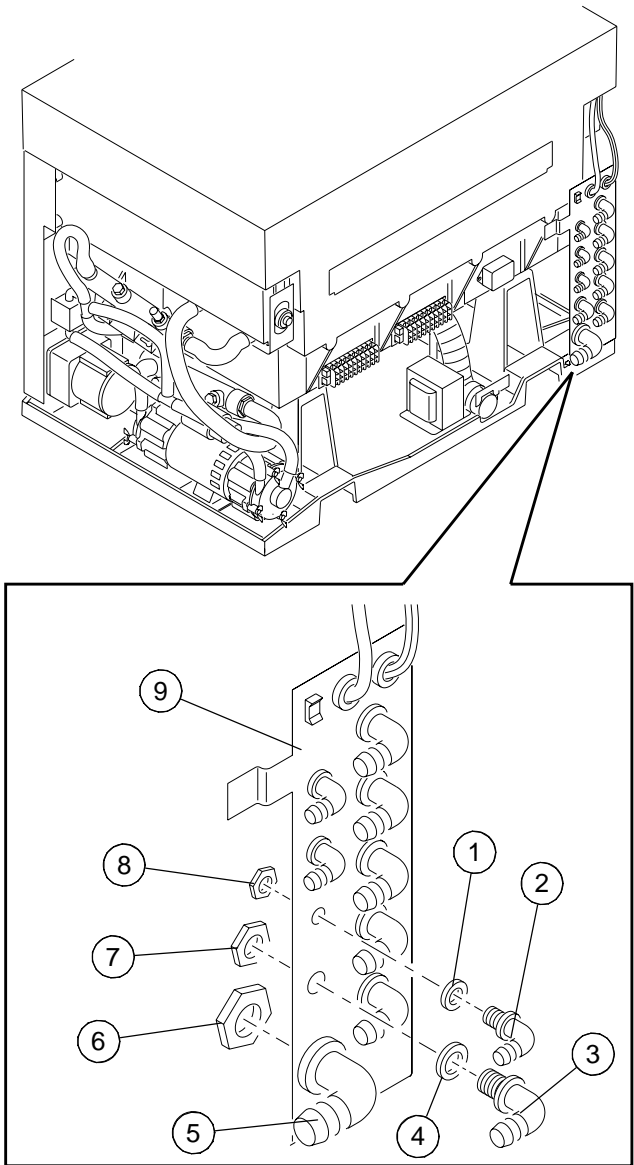


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Figure 6–5

Item	Part No.	Description	Notes
1	914719	Mandrel - Fixer, Blue	Includes items 3 and 4
	779330	Mandrel - Developer, Red	Includes items 3 and 4
2	943442	Filter - Cartridge, Developer	
3	740639	Nut - Wing	

Figure 6-6 Bulkhead Fittings, 1 of 2

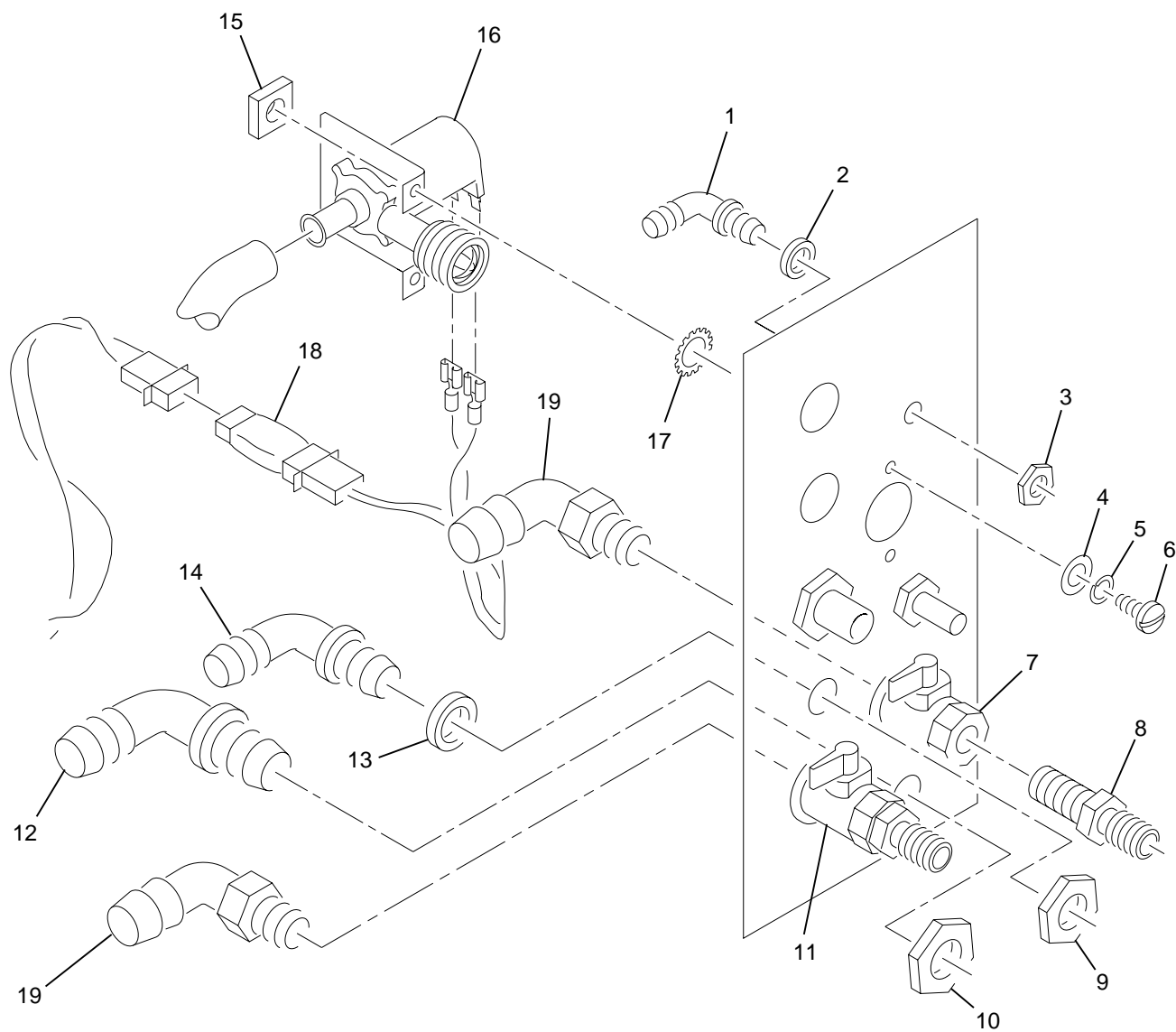


H104\_0518CCA  
H104\_0518CA

Figure 6–6

Item	Part No.	Description	Notes
1	489174	Washer - Rubber, 3/8-inch	Includes Rubber Washer 489174 Includes Rubber Washer 1C4721
2	1C7115	Fitting - 3/8-inch elbow	
3	1C7114	Fitting - 5/8-inch elbow	
4	1C4721	Washer - Rubber, 5/8-inch	
5	1C4524	Fitting - 1-inch elbow	
6	779378	Nut - Jam, 1-inch - 12	
7	779377	Nut - Jam, 5/8 - 16	
8	779376	Nut - Jam, 3/8 - 20	
9	779357	Panel - Bulkhead	

Figure 6-7 Bulkhead Fittings, 2 of 2

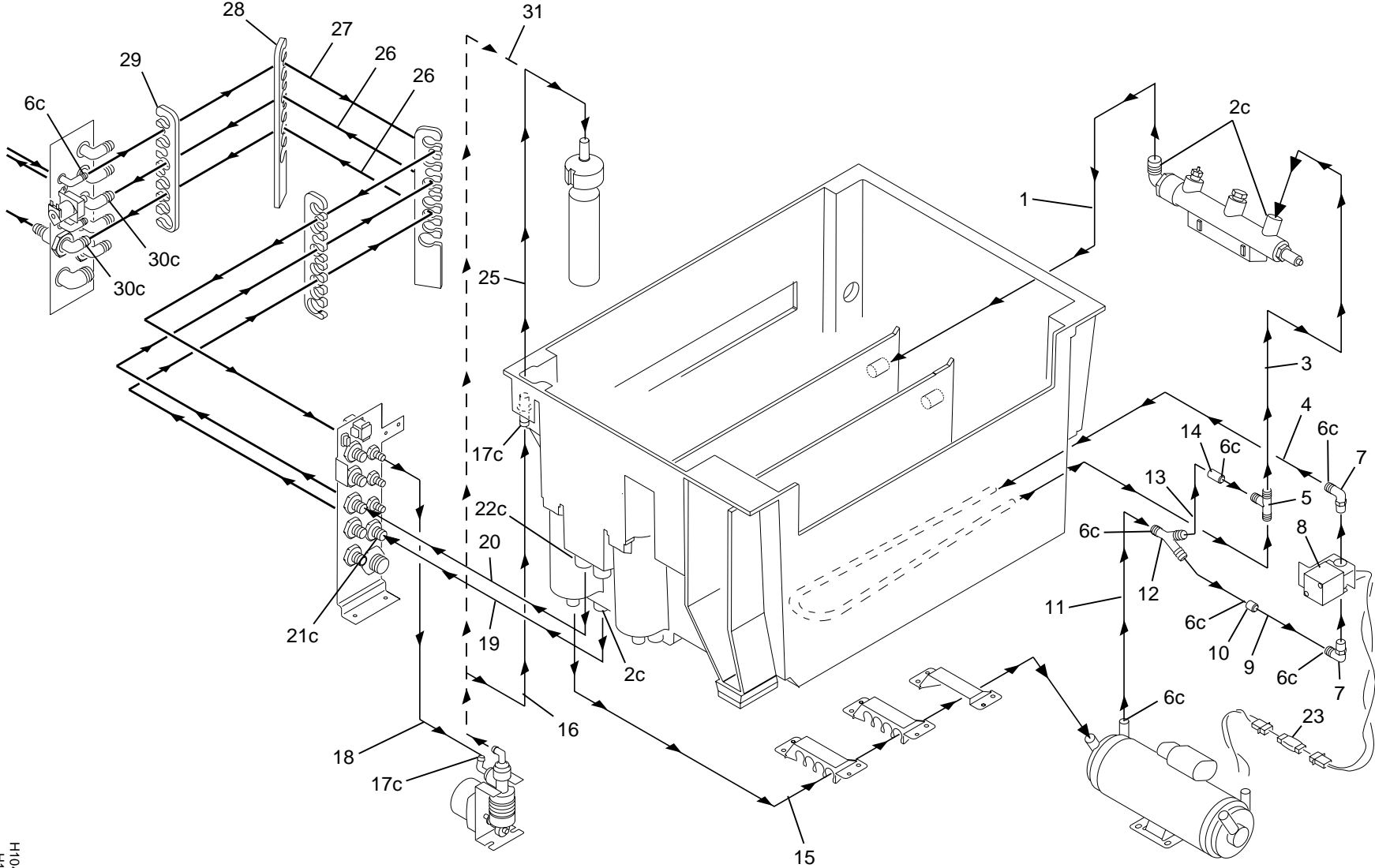


H104\_0570DCA  
H104\_0570DA

Figure 6-7

Item	Part No.	Description	Notes
1	1C7115	Fitting - 3/8-inch elbow	Includes Rubber Washer 489174
2	489174	Washer - Rubber, 3/8-inch	
3	779376	Nut - Jam, 3/8 - 20	
4	852611	Washer	
5	853100	Washer - Lock	
6	566107	Screw	
7	779468	Valve - Drain, red	Developer
8	499754	Connector - Hose	
9	779377	Nut - Jam, 5/8 - 16	
10	779378	Nut - Jam, 1-inch - 12	Fixer
11	779359	Valve - Drain, blue	
12	1C4524	Fitting - 1-inch elbow	
13	1C4721	Washer - Rubber, 5/8-inch	Includes Rubber Washer 1C4721
14	1C7114	Fitting - 5/8-inch elbow	
15	779453	Fastener	
16	943666	Valve - Water Solenoid	
17	851269	Washer - Star	
18	618502	Diode Assembly	
19	493674	Fitting - 3/8-inch x 5/8-inch elbow	

Figure 6-8 Developer Plumbing Diagram



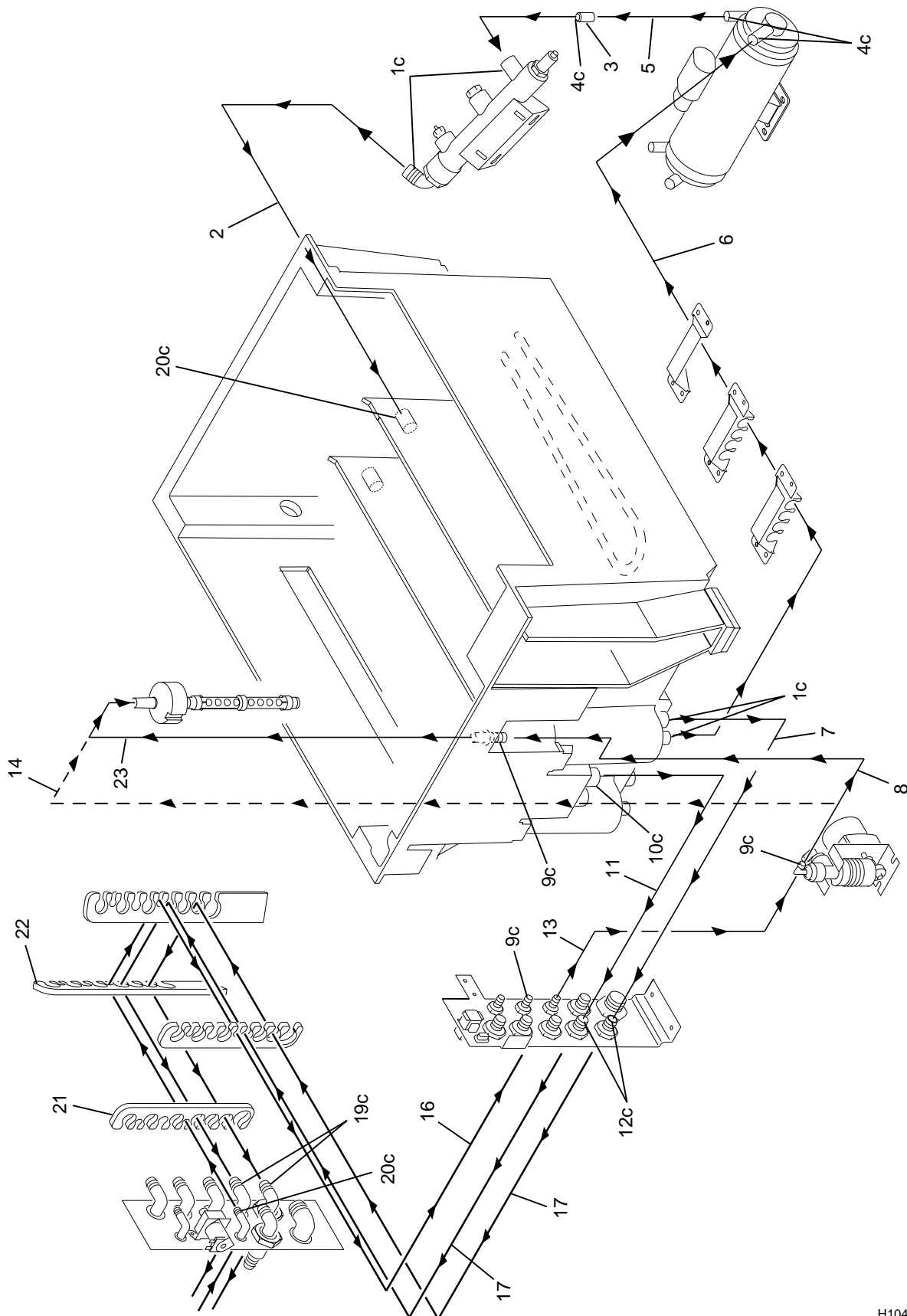
H104\_0571ECA  
H104\_0571EA



Figure 6–8

Item	Part No.	Description	Notes
1	333951	Tubing - Formed	For serial numbers below 1300
	5B6806	Tubing - Formed	For serial numbers 1300 and above
2c	246808	Clamp - Hose	
3	779363	Tubing - Formed	
4	5B6151	Tubing - Formed	
5	180281	Fitting - T	
6c	246801	Clamp - Hose	
7	486480	Fitting - Elbow	
8	779344	Solenoid - Cooling	
9	779385	Tubing - Straight	
10	914732	Orifice - 0.125 inches	
11	779384	Tubing - Formed	
12	477011	Fitting - Y	
13	779383	Tubing - Formed	
14	914731	Orifice - 0.250 inches	
15	779460	Tubing - Formed	
16	779370	Tubing - Straight	For serial numbers below 1300
17c	246800	Clamp - Hose	
18	779364	Tubing - Formed	
19	779387	Tubing - Formed	
20	779365	Tubing - Formed	
21c	246803	Clamp - Hose	
22c	914908	Clamp - Hose	
23	618502	Diode Assembly	
24	1C7113	Fitting - Bulkhead, 3/8 inch	For serial numbers below 1300
25	779368	Tubing - Formed	For serial numbers below 1300
26	943457	Tubing - Formed	
27	918925	Tubing - Formed	
28	9219061	Support - Hose, long	
29	9219051	Support - Hose, short	
30c	246803	Clamp - Hose	
31	5B6804	Tubing - Formed	For serial numbers 1300 and above

Figure 6-9 Fixer Plumbing Diagram

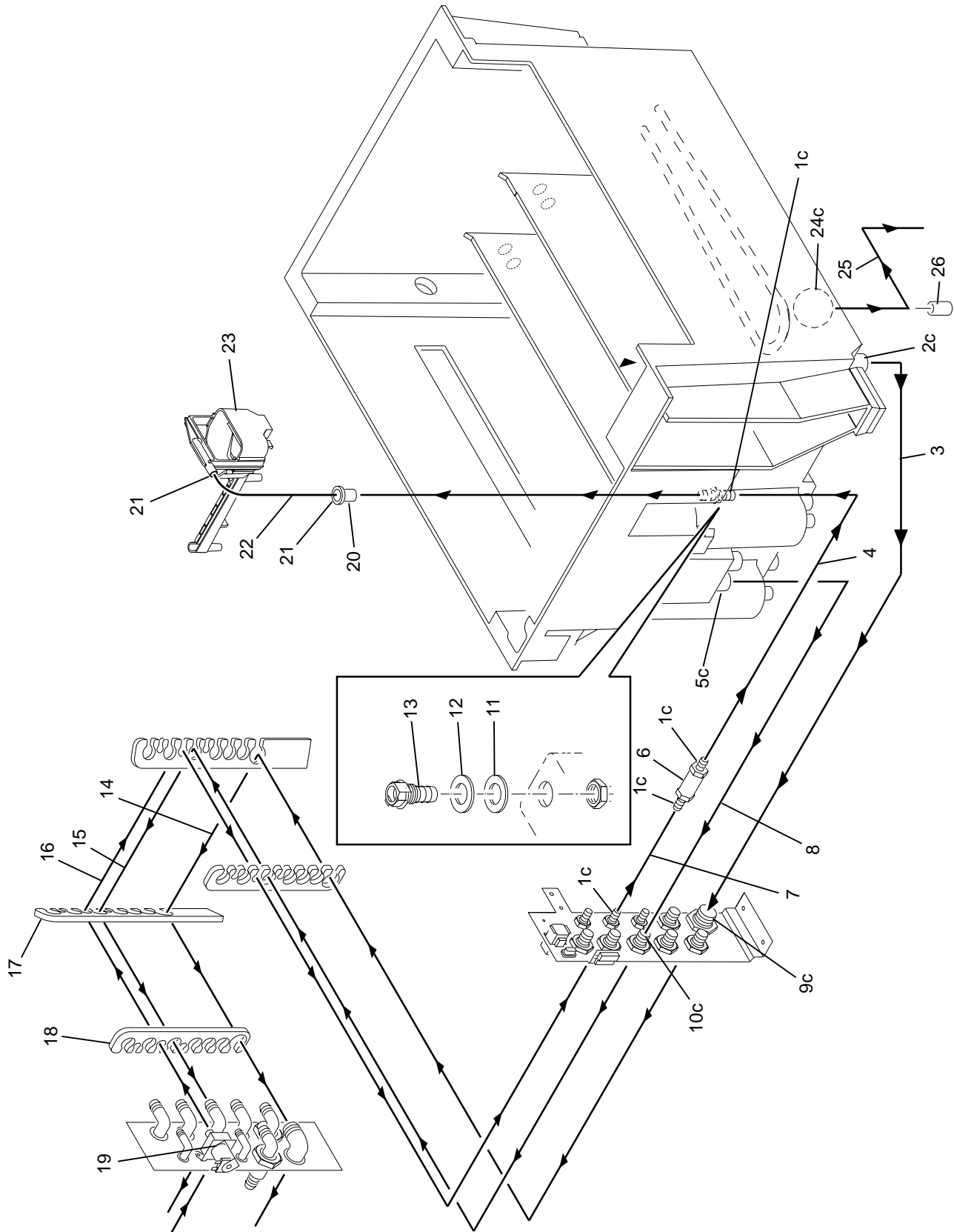


H104\_0572ECA  
H104\_0572EA

Figure 6–9

Item	Part No.	Description	Notes
1c	246808	Clamp - Hose	For serial numbers below 1300 For serial numbers 1300 and above
2	333951	Tubing - Formed	
	5B6805	Tubing - Formed	
3	459576	Orifice	
4c	246801	Clamp - Hose	
5	779363	Tubing - Formed	
6	779388	Tubing - Formed	For serial numbers below 1300
7	779360	Tubing - Formed	
8	779369	Tubing - Formed	
9c	246800	Clamp - Hose	
10c	914908	Clamp - Hose	
11	779366	Tubing - Formed	
12c	246803	Clamp - Hose	
13	779371	Tubing - Straight	
14	5B6803	Tubing - Formed	
15	1C7113	Fitting - Bulkhead, 3/8 inch	For serial numbers below 1300
16	918928	Tubing - Formed	
17	943457	Tubing - Formed	
18	779366	Tubing - Formed	
19c	246803	Clamp - Hose	
20c	246800	Clamp - Hose	
21	9219051	Support - Hose, short	For serial numbers below 1300
22	9219061	Support - Hose, long	
23	779368	Tubing - Formed	

Figure 6-10 Wash Plumbing Diagram



H104\_0573ECA  
H104\_0573EA

Figure 6–10

Item	Part No.	Description	Notes
1c	246800	Clamp - Hose	
2c	246805	Clamp - Hose	
3	779362	Tubing - Formed	
4	943665	Tubing - Straight	Includes Fittings. For Processors without Mod 25 installed.
5c	914908	Clamp - Hose	
6	963541	Valve - Dole, 1 gal/min	
7	1C4968	Valve - Dole, 3/4 gal/min	Includes Fittings. For serial numbers below 1300 with Mod 25 installed.  Includes Fittings. For serial numbers 1300 and above
	5B6630	Valve - Dole, 1/2 gal/min	
	943667	Tubing - Formed	
8	779365	Tubing - Formed	
9c	246804	Clamp - Hose	
10c	246803	Clamp - Hose	
11	594535	Gasket	
12	594534	Washer	
13	943701	Disconnect - Water	
14	918925	Tubing - Formed	
15	918928	Tubing - Formed	
16	943457	Tubing - Formed	
17	9219061	Support - Hose, long	
18	9219051	Support - Hose, short	
19	943666	Valve - Water Solenoid	
20	943700	Coupling	For serial numbers 1300 and above
21	182590	Tie	For serial numbers 1300 and above
22	8B7123	Tubing - Wash Reservoir	For serial numbers 1300 and above
23	8B7218	Reservoir - Wash	For serial numbers 1300 and above Includes items 20, 21, 23.
24c	246808	Clamp - Hose	For serial numbers 1300 and above
25	5B6802	Hose	For serial numbers 1300 and above
26	544947	Plug - Cap	For serial numbers 1300 and above

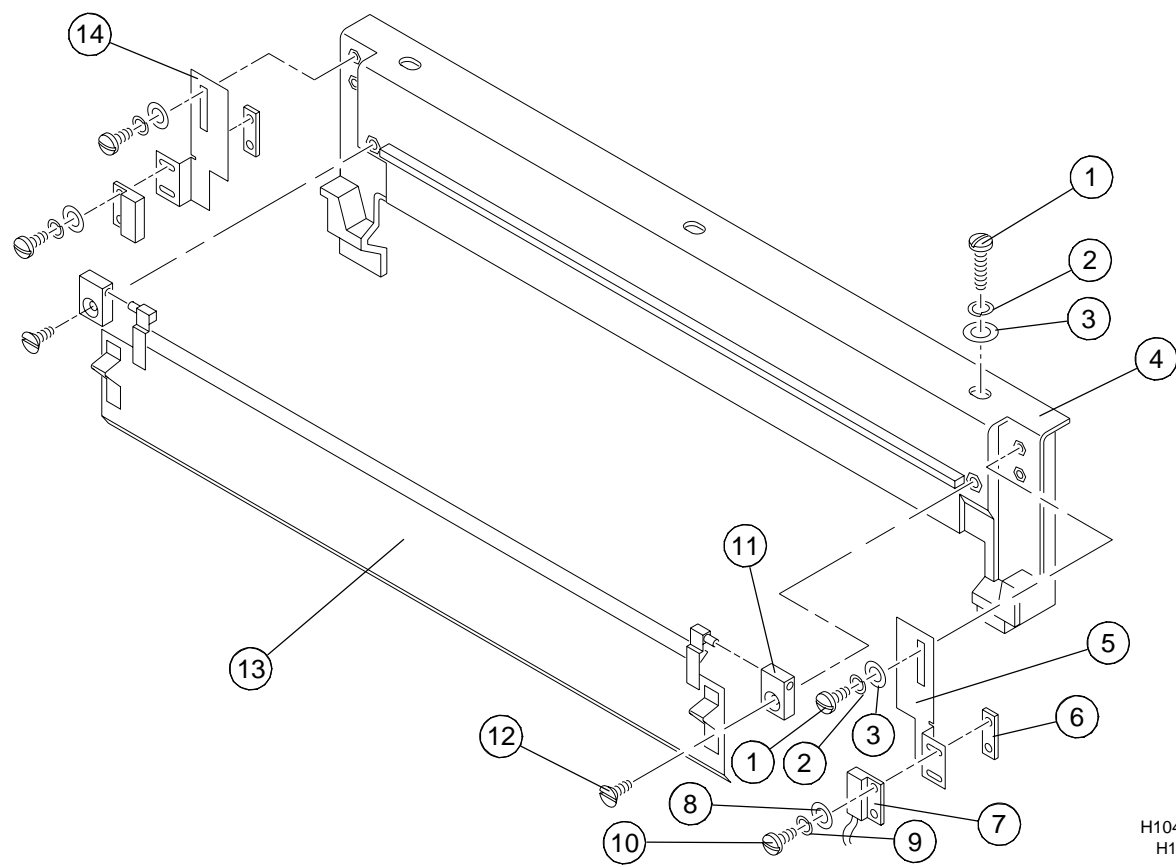


Section 7: Electrical

Table of Contents

Description	Page
Detector Switches . . . . .	7-2
Electrical Box . . . . .	7-4
Microprocessor Board . . . . .	7-6
Display Board Assembly . . . . .	7-8
Dryer Over-Temperature Thermostat . . . . .	7-10
Miscellaneous Electrical Parts . . . . .	7-12

Figure 7-1 Detector Switches



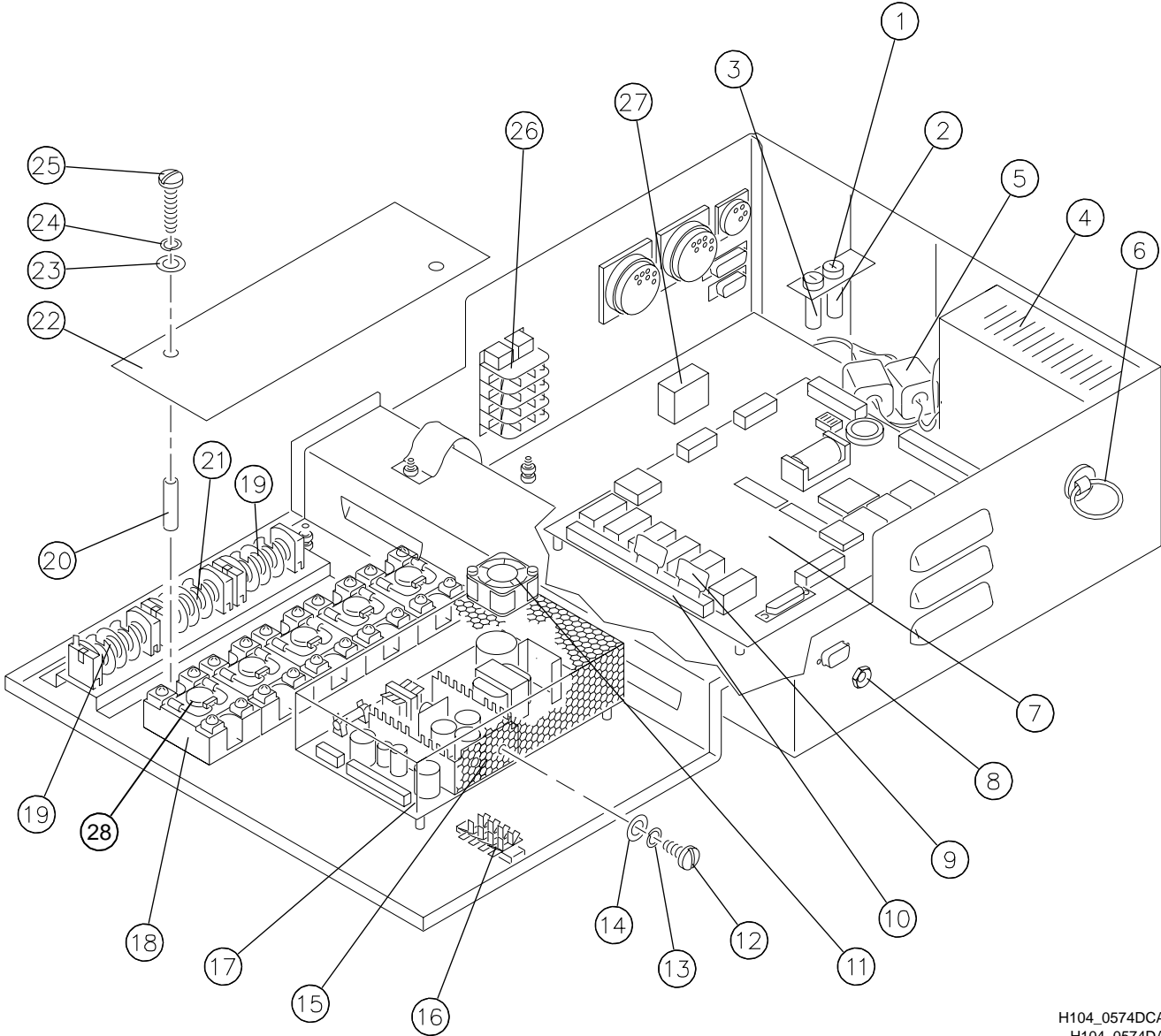
H104\_0523HCA  
H104\_0523HA



**Figure 7-1**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Notes</b>
1	852522	Screw	
2	187213	Washer - Lock	
3	165627	Washer	
4	914911	Housing - Film Detector	
5	8B7217	Bracket - Detector Switch, Drive Side	
6	288235	Plate - Nut	
7	914599	Switch	Detector Switches
8	575822	Washer	
9	191098	Washer - Lock	
10	556032	Screw	
11	475493	Block - Hinge	
12	852982	Screw	
13	1C4042	Guard - Splash	
14	8B7216	Bracket - Detector Switch, Non-Drive Side	

Figure 7-2 Electrical Box

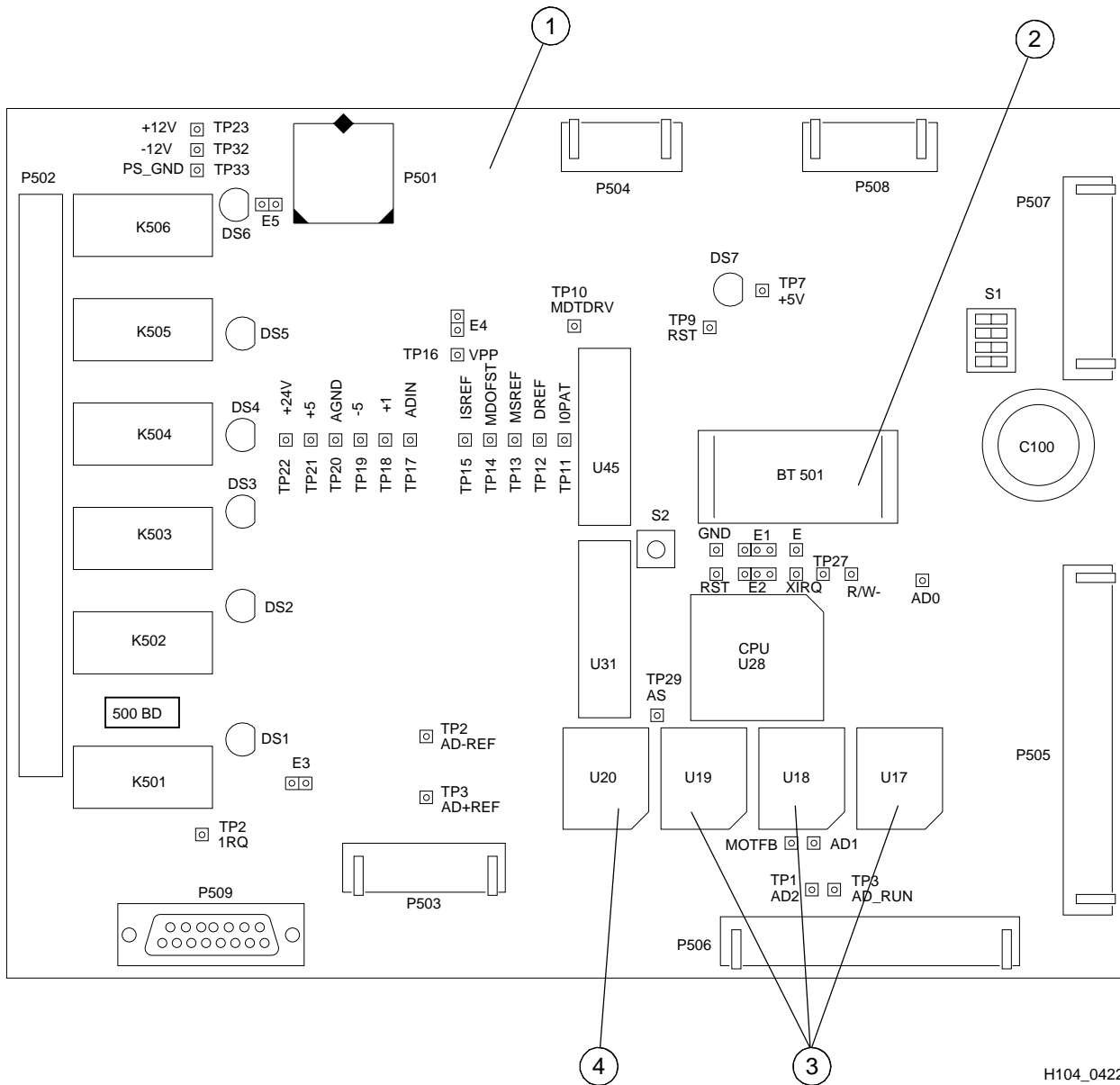


H104\_0574DCA  
H104\_0574DA

Figure 7-2

Item	Part No.	Description	Notes
1	498607	Holder - Fuse	
	477506	Cap - Fuse Holder	
2	597341	Fuse - F2, 8 Amp	
3	273691	Fuse - F1, 2.5 Amp	
4	911412	Controller - Motor	
5	903739	Shield - Ferrite	
6	914728	Ring - Pull	
7	981759	Board - Microprocessor, 500	
8	292888	Jack - ESD, Ground	
9	779438	Filter	
10	335500	Connector - J502	
11	914888	Fan	
12	852522	Screw	
13	187213	Washer - Lock	
14	165627	Washer	
15	943429	Cover - Power Supply	TB5
16	241883	Block - Terminal	
17	955745	Power Supply - DC, Quad	
18	4B3991	Relay - Solid State	Order and install a new Varistor, item 28, whenever you install a new Solid State Relay.
19	934435	Coil	
20	918929	Spacer	
21	785462	Coil	
22	943427	Cover - Relay	
23	852611	Washer	
24	853100	Washer - Lock	TB4
25	535039	Screw	
26	243572	Block - Terminal	
27	748131	Relay - K1	
28	943378	Varistor - Metal Oxide	

Figure 7-3 Microprocessor Board

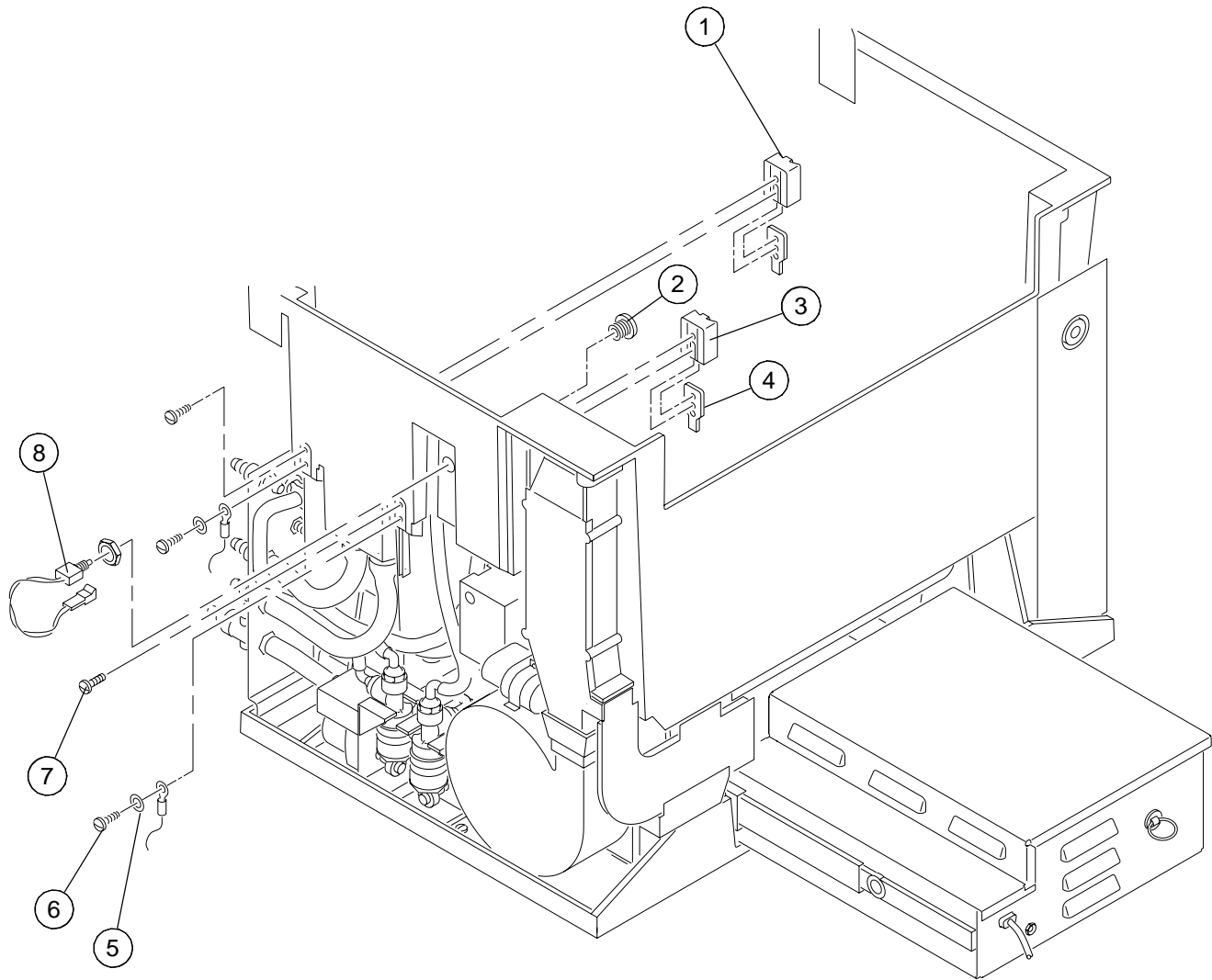


H104\_0422DCA  
H104\_0422DA

Figure 7-3

Item	Part No.	Description	Notes
1	981759	Board - Microprocessor, 500	Includes CPU. Does <b>not</b> include U17, U18, U19, U20, or Battery.
2	227322	Battery	
3	5B6283	EEPROM Set - Main/Language, Other Languages	Includes U17, U18, & U19.
4	1C7622 699551	EEPROM Set - Main/Language, Japanese PROM - Bootstrap	Includes U17, U18, & U19.

Figure 7-4 Display Board Assembly



H104\_0525DCA  
H104\_0525DA

**Figure 7–4**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Notes</b>
1	779458	Housing - Level Sensor, Developer	
2	918094	Button - Replenishment Switch Assembly	
3	779473	Housing - Level Sensor, Fixer	
4	779459	Probe - Level Sensor	
5	748043	Washer - Sealing	
6	1C7237	Screw - Shoulder	
7	544194	Screw	
8	955719	Switch - Replenishment Calibration	

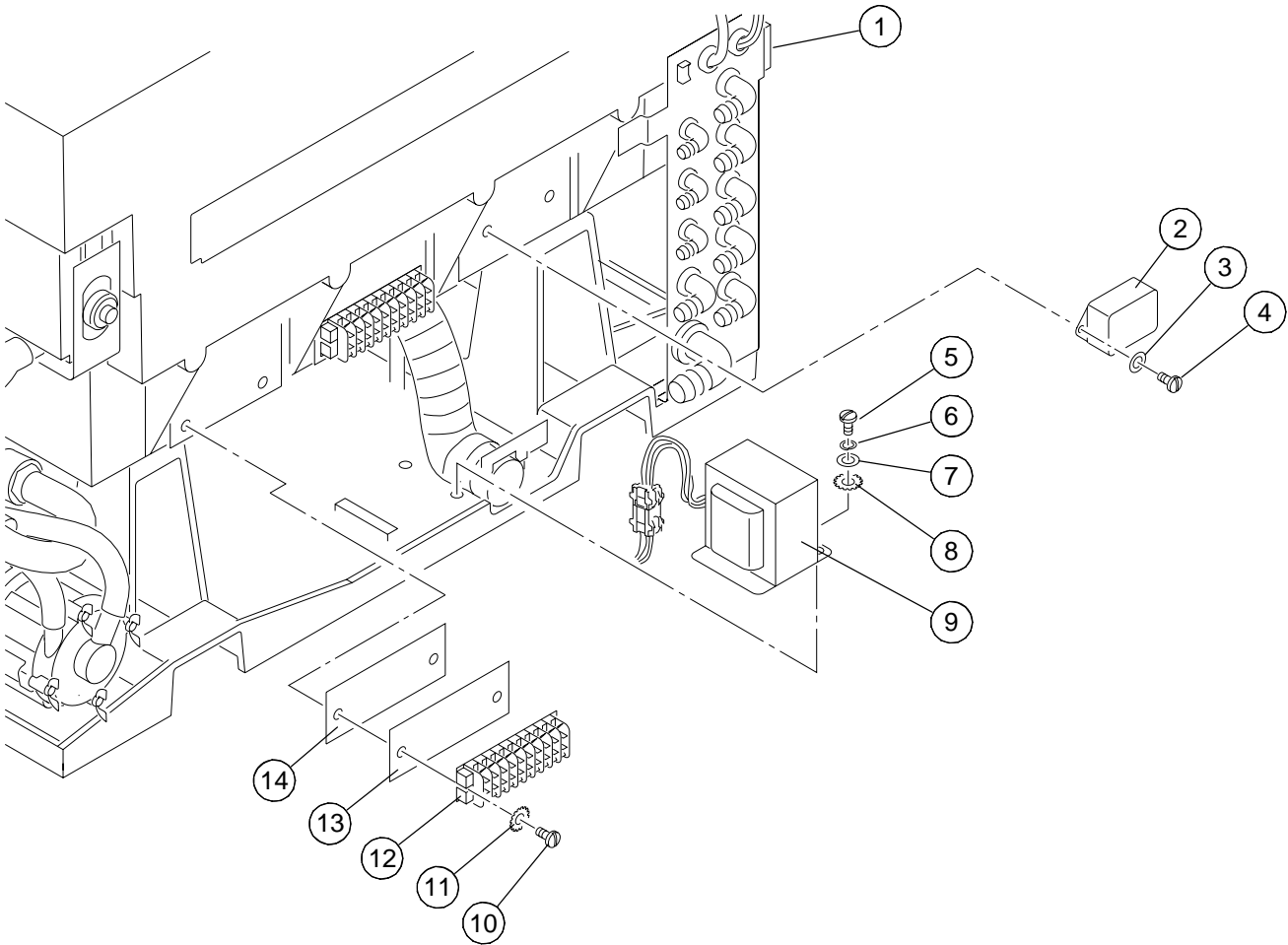
H104\_0575ECA  
H104\_0575EA



Figure 7–5

Item	Part No.	Description	Notes
1	914722	Bracket - Dryer Thermistor	
2	748024	Bracket - Over-Temperature Thermostat	
3	955741	Thermostat - Dryer, Over-Temperature	
4	575822	Washer	
5	191098	Washer - Lock	
6	191097	Screw	
7	911433	Thermistor - Dryer	
8	566107	Screw	
9	853100	Washer - Lock	
10	852611	Washer	
11	748023	Bracket - Dryer Thermistor/Thermostat	
12	9B8240	Spacer - Thermostat	For serial numbers 1300 and above
13	566107	Screw	For serial numbers 1300 and above

Figure 7-6 Miscellaneous Electrical Parts



H104\_0527DCA  
H104\_0527DA

Figure 7–6

Item	Part No.	Description	Notes
1	914599	Switch	Interlock Switch
2	914596	Filter - EMI	
3	852611	Washer	
4	852523	Screw	
5	619284	Screw	
6	852961	Washer - Lock	
7	852799	Washer	
8	168424	Washer - Lock	
9	748501	Autotransformer	
10	852809	Screw	
11	851269	Washer - Star	
12	779400	Strip - Terminal TB2 and TB3	
13	943903	Strip - Marker, TB2 and TB3	
14	779401	Insulator	



Section 8: Miscellaneous

Table of Contents

Description	Page
Accessories . . . . .	8-2
Miscellaneous Tank Assembly . . . . .	8-4
Electrical Box Slides . . . . .	8-6

Figure 8-1 Accessories

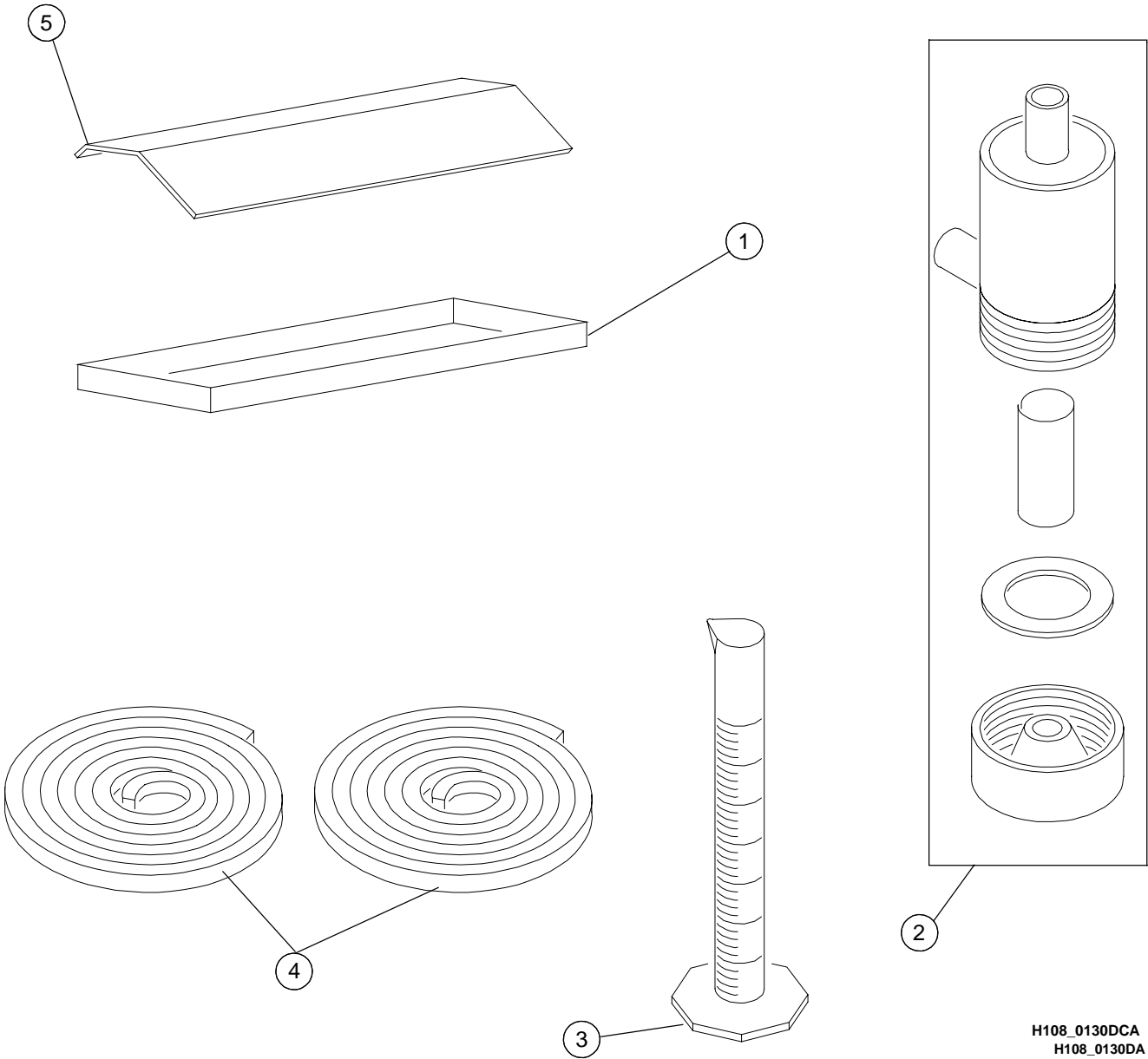
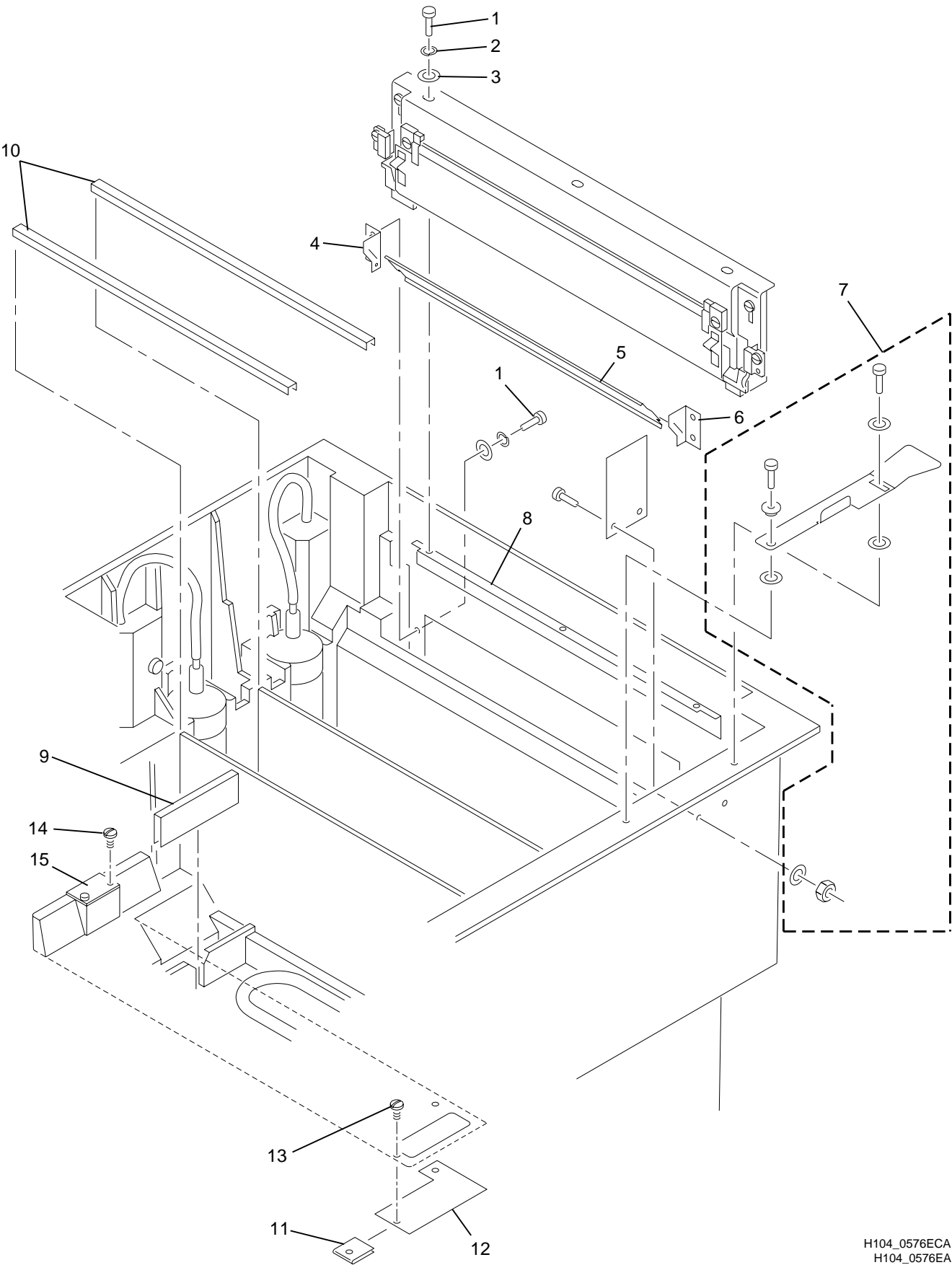


Figure 8-1

Item	Part No.	Description	Notes
1	459432	Tray - Drip	
2	472261	Strainer Assembly	
3	479821	Cylinder - Graduated	
4	650938	Gasket - Lighttight, 10 ft roll	Not Shown. Order by the foot.
5	918947	Guard - Splash	
	452990	Tubing - Replenishment	

Figure 8-2 Miscellaneous Tank Assembly



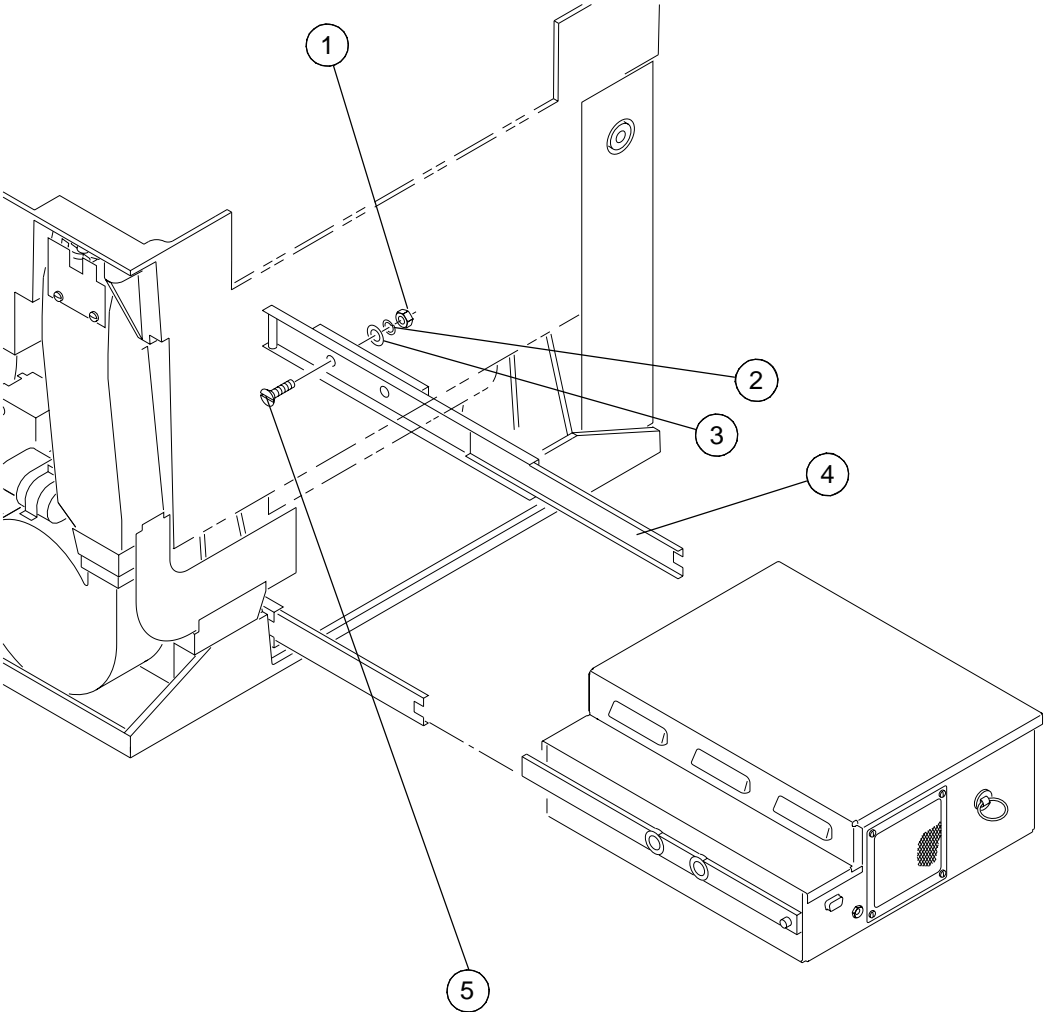
H104\_0576ECA  
H104\_0576EA



Figure 8–2

Item	Part No.	Description	Notes
1	852522	Screw	
2	187213	Washer - Lock	
3	165627	Washer	
4	1C0475	Bracket - Non-Drive Side	
5	943661	Shoe - Guide	
6	335547	Bracket - Drive Side	
7	9224910	Bracket Stop Kit	
8	779451	Bracket - Entrance	
9	5B6750	Clip - Wash Tank	
10	5B6592	Stiffener - Tank Wall	
11	779453	Fastener	For serial numbers 1300 and above
12	8B7205	Cover	For serial numbers 1300 and above
13	562201	Screw	For serial numbers 1300 and above
14	853165	Screw	For serial numbers 1300 and above
15	8B7206	Cover	For serial numbers 1300 and above

Figure 8-3 Electrical Box Slides



H104\_0234DCA  
H104\_0234DA

**Figure 8–3**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Notes</b>
1	523016	Nut	
2	187213	Washer - Lock	
3	165627	Washer	
4	955623	Slide Assembly - Electrical Box	
5	852982	Screw	



## Section 9: Numerical Parts Index

### Numerical Index

Part No.	Description	Figure No.
165627	Washer	3-3, 3-4, 3-35, 7-1, 7-2, 8-2, 8-3
168424	Washer - Lock	7-6
180281	Fitting - T	6-8
182590	Tie	6-10
183851	O-Ring	3-25, 3-27
187213	Washer - Lock	3-35, 7-1, 7-2, 8-2, 8-3
187235	Screw	2-1, 4-1
187283	Washer - Lock	3-3, 3-4
191097	Screw	7-5
191098	Washer - Lock	5-1, 7-1, 7-5
192904	E-Ring	4-1
1C0475	Bracket - Non-Drive Side	8-2
1C4042	Guard - Splash	7-1
1C4384	Tube - Yoke Supply	3-24
1C4385	Hose - Yoke	3-24
1C4398	Tubing Assembly	3-25
1C4524	Fitting - 1-inch elbow	6-6, 6-7
1C4564	Heater - Solution	6-2
1C4593	Replenishment Pump Assembly	6-4
1C4594	Recirculation Pump Assembly	6-3
1C4721	Washer - Rubber, 5/8-inch	6-6, 6-7
1C4952	Shaft	3-32
1C4968	Valve - Dole, 3/4 gal/min	6-10
1C7106	Spring - Extension	3-12, 3-13, 3-17, 3-21, 3-22, 3-32, 3-34
1C7107	Spring - Extension	3-25, 3-27
1C7113	Fitting - Bulkhead, 3/8 inch	6-8, 6-9
1C7114	Fitting - 5/8-inch elbow	6-6, 6-7
1C7115	Fitting - 3/8-inch elbow	6-6, 6-7
1C7229	Trough - Crossover, Developer/Fixer	3-11
1C7230	Trough - Crossover, Fixer/Wash	3-20
1C7237	Screw - Shoulder	7-4
1C7244	Gear - Snap-In	3-34
1C7245	Gear	3-33
1C7366	Shaft	3-25, 3-26, 3-27
1C7381	Roller	3-6, 3-8, 3-15, 3-17
1C7399	Yoke and Pin Assembly	3-24

## Numerical Index

Part No.	Description	Figure No.
1C7550	Roller	3-6, 3-9, 3-15, 3-18
1C7551	Roller	3-6, 3-8, 3-15, 3-17
1C7552	Roller	3-3, 3-4
1C7622	EEPROM Set - Main/Language, Japanese	7-3
227322	Battery	7-3
240101	Air Tube - Metal	3-30, 3-31
241883	Block - Terminal	7-2
243572	Block - Terminal	7-2
246045	Wire Harness	4-2
246800	Clamp - Hose	6-8, 6-9, 6-10
246801	Clamp - Hose	6-8, 6-9
246803	Clamp - Hose	6-8, 6-9, 6-10
246804	Clamp - Hose	6-10
246805	Clamp - Hose	6-10
246808	Clamp - Hose	6-8, 6-9, 6-10
246979	Roller	3-15, 3-16, 3-30, 3-32, 3-34
246981	Shaft	3-7, 3-16
273691	Fuse - F1, 2.5 Amp	7-2
288235	Plate - Nut	7-1
292888	Jack - ESD, Ground	7-2
333951	Tubing - Formed	6-8, 6-9
335500	Connector - J502	7-2
335547	Bracket - Drive Side	8-2
335663	Shaft	3-32
3B7301	Bearing - Thrust	3-32
418700	Housing - Inner	6-3
418775	Washer - Thrust	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-18, 3-21, 3-22, 3-25, 3-27, 3-32, 3-33
418875	Washer - Thrust	3-33
452990	Tubing - Replenishment	8-1
454454	Sprocket - Drive	4-2
458170	Rod - Tie	3-2, 3-3, 3-4, 3-12, 3-13, 3-21, 3-22
458175	Shaft	3-3, 3-4
458219	Rod - Tie	3-10, 3-19, 3-24, 3-25, 3-28

## Numerical Index

Part No.	Description	Figure No.
458953	Shoe - Guide	3-2, 3-3, 3-4, 3-12, 3-13
459432	Tray - Drip	8-1
459576	Orifice	6-9
459943	Washer - I/D, Developer	3-10
459944	Washer - I/D	3-19
459945	Washer	3-24, 3-28
459946	Washer - I/D	3-12
459947	Washer - I/D	3-21
463363	O-Ring	6-3
467843	Spring	3-7, 3-16
472261	Strainer Assembly	8-1
472605	Housing - Left Side	6-3
472606	Housing - Right Side	6-3
472755	Nut - Special N-D, Short	3-4, 3-13, 3-22
472756	Nut - Special D, Long	3-3, 3-12, 3-21
473926	Magnet	6-3
474180	Support	3-3, 3-4
474362	Impeller	6-3
474596	Bracket - Guide Shoe	3-10, 3-12, 3-13, 3-19, 3-21, 3-22, 3-24, 3-28, 3-31
475493	Block - Hinge	7-1
477011	Fitting - Y	6-8
477506	Cap - Fuse Holder	7-2
478510	Fitting - Elbow	6-2
479821	Cylinder - Graduated	8-1
486480	Fitting - Elbow	6-8
489174	Washer - Rubber, 3/8-inch	6-6, 6-7
489997	Standoff - Pivot	3-3, 3-4
490097	Screw	3-25, 3-27
490108	Roller - Detector	3-2, 3-3
490109	Roller - Detector	3-2, 3-3
493505	Washer	6-3
493674	Fitting - 3/8-inch x 5/8-inch elbow	6-7
498607	Holder - Fuse	7-2
499754	Connector - Hose	6-7
4B3991	Relay - Solid State	7-2
502464	Pin	3-3, 3-7, 3-9, 3-12, 3-16, 3-17, 3-18, 3-21, 3-25, 3-27, 3-32, 3-33, 3-34

## Numerical Index

Part No.	Description	Figure No.
520388	O-Ring	6-4
520390	Fitting - Elbow	6-4
520391	Nut	6-4
523016	Nut	8-3
531927	Clamp	5-1
532008	Bellows	6-4
532108	Sleeve - Blower Outlet	5-1
532124	Gear - Snap-In	3-34
532164	Rod - Tie	3-31
532378	O-Ring	6-1
534770	Deflector - Air Tube	3-31
535039	Screw	7-2
535638	Body - Valve	6-4
535639	O-Ring	6-4
539180	Washer - Star	3-25
541891	Plug - Thermowell	6-2
544132	Screw	3-7
544194	Screw	3-3, 3-4, 7-4
544267	Screw	3-24, 3-28
544947	Plug - Cap	6-10
550774	Gear	3-7, 3-16, 3-32
550781	Gear - Drive, Crossover	3-3, 3-12, 3-21
556032	Screw	5-1, 7-1
562201	Screw	8-2
562226	Washer	3-7, 3-9, 3-16, 3-18
562228	Stud - Snap-In	3-3, 3-4, 3-8, 3-17, 3-33, 3-34
562389	Shoe - Guide	3-12, 3-13, 3-21, 3-22
562500	Spring	3-9, 3-18
562609	Spring - Air Tube	3-31
562650	Shield	4-1
562765	Shoe - Guide	3-10, 3-19
566107	Screw	6-7, 7-5
575821	Screw	3-3, 3-4, 3-35
575822	Washer	3-3, 3-4, 7-1, 7-5
587329	Roller	3-30, 3-34
594103	Retainer - Bearing	4-1
594229	Shaft	3-3, 3-4, 3-12, 3-13, 3-21, 3-22
594230	Shaft	3-12, 3-13, 3-21, 3-22



## Numerical Index

Part No.	Description	Figure No.
594233	Bracket - Guide Shoe	3-3, 3-4, 3-12, 3-13, 3-21, 3-22, 3-31
594236	Shaft	3-9, 3-18
594237	Roller	3-6, 3-7, 3-13, 3-15, 3-16, 3-17, 3-22, 3-30, 3-32
594240	Bushing	3-9, 3-18
594241	Gear	3-9, 3-18
594242	Shaft	3-9, 3-18
594243	Roller	3-6, 3-9
594248	Gear - Snap-In	3-8, 3-17
594251	Gear - Snap-In	3-8
594252	Sleeve	3-9, 3-18
594253	Idler - Chain	3-9, 3-18
594254	Gear	3-7, 3-16, 3-17
594255	Bushing	3-7
594261	Sprocket	3-7, 3-16
594271	Roller - Rewet	3-6, 3-7, 3-15, 3-16
594273	Bearing	3-7, 3-16
594291	Gear - Gudgeon, Compound	3-8, 3-17
594297	Gear - Idler	3-7
594320	Screw	3-9, 3-18
594534	Washer	6-10
594535	Gasket	6-10
595426	Bearing	4-1
597341	Fuse - F2, 8 Amp	7-2
5B6001	Shoe - Guide	3-21, 3-22
5B6058	Roller	3-6, 3-8
5B6061	Roller	3-6, 3-7
5B6064	Roller	3-15, 3-17
5B6078	Roller	3-15, 3-18
5B6151	Tubing - Formed	6-8
5B6156	Fitting - Barbed	6-1
5B6165	Spring	3-32
5B6283	EEPROM Set - Main/Language, Other Languages	7-3
5B6316	Screw	3-3, 3-4, 3-10, 3-12, 3-13, 3-19, 3-21, 3-22, 3-31
5B6487	Cover - Wet Section	2-1
5B6527	Rocker - Bearing	3-3, 3-4
5B6548	Side Plate - Detector Crossover, Drive Side	3-3
5B6549	Side Plate - Detector Crossover, Non-Drive Side	3-4

## Numerical Index

Part No.	Description	Figure No.
5B6560	Cover - Drive Chain Guard	4-2
5B6568	Roller Assembly	3-25, 3-26
5B6569	Fitting - Elbow	6-2
5B6575	Rack - Wash	3-1, 3-26
5B6585	Manifold - Water	3-24, 3-28
5B6587	Shaft	3-25, 3-27
5B6588	Shaft	3-25, 3-27
5B6589	Spacer	3-25, 3-27
5B6590	Roller Assembly	3-23, 3-25, 3-26, 3-27
5B6591	Gear	3-25, 3-27
5B6592	Stiffener - Tank Wall	8-2
5B6630	Valve - Dole, 1/2 gal/min	6-10
5B6632	Mount - Bearing	4-1
5B6750	Clip - Wash Tank	8-2
5B6802	Hose	6-10
5B6803	Tubing - Formed	6-9
5B6804	Tubing - Formed	6-8
5B6805	Tubing - Formed	6-9
5B6806	Tubing - Formed	6-8
5B6808	Screw - Shoulder	3-24, 3-28
5B6817	Shaft	3-25, 3-27
5B6841	Bracket - Stop, Drive	3-35
5B6883	Cover - Autotransformer	2-1
5B6884	Cover - Splash, Recirculation Pump	2-1
5B6890	Rack - Wash	3-1, 3-23
5B6892	Bracket - Tubing	3-25
607793	Locator	6-2
609817	Valve - Poppet	6-4
613122	Cover - Evaporation	2-1
613246	Sprocket	3-9, 3-18
618502	Diode Assembly	6-7, 6-8
619284	Screw	2-1, 4-1, 4-2, 5-1, 7-6
619512	Washer - Thrust	3-32
650707	Bearing	3-3, 3-4
650876	Actuator - Magnet	3-3, 3-4
650938	Gasket - Lighttight, 10 ft roll	8-1
651107	E-Ring	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-17, 3-18, 3-21, 3-22, 3-32, 3-33, 3-34
699551	PROM - Bootstrap	7-3

## Numerical Index

Part No.	Description	Figure No.
740639	Nut - Wing	6-5
748021	Shaft	3-33
748022	Shaft	3-32, 3-34
748023	Bracket - Dryer Thermistor/Thermostat	7-5
748024	Bracket - Over-Temperature Thermostat	7-5
748043	Washer - Sealing	7-4
748131	Relay - K1	7-2
748501	Autotransformer	7-6
748511	Heater - Dryer	5-1
748638	Blower Assembly - Dryer	5-1
748955	Gear - Worm, Left	4-1
748956	Gear - Worm, Right	4-1
748957	Washer	4-1
779028	Gear	3-24, 3-25, 3-27, 3-28
779119	Bearing	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-17, 3-18, 3-21, 3-22, 3-25, 3-27, 3-32, 3-33, 3-34
779325	Gear Box	4-2
779330	Mandrel - Developer, Red	6-5
779334	Chain - Roller	3-7, 3-9, 3-16, 3-18
779344	Solenoid - Cooling	6-8
779357	Panel - Bulkhead	6-6
779359	Valve - Drain, blue	6-7
779360	Tubing - Formed	6-9
779362	Tubing - Formed	6-10
779363	Tubing - Formed	6-8, 6-9
779364	Tubing - Formed	6-8
779365	Tubing - Formed	6-8, 6-10
779366	Tubing - Formed	6-9
779368	Tubing - Formed	6-8, 6-9
779369	Tubing - Formed	6-9
779370	Tubing - Straight	6-8
779371	Tubing - Straight	6-9
779376	Nut - Jam, 3/8 - 20	6-6, 6-7
779377	Nut - Jam, 5/8 - 16	6-6, 6-7
779378	Nut - Jam, 1-inch - 12	6-6, 6-7
779383	Tubing - Formed	6-8
779384	Tubing - Formed	6-8
779385	Tubing - Straight	6-8

## Numerical Index

Part No.	Description	Figure No.
779387	Tubing - Formed	6-8
779388	Tubing - Formed	6-9
779400	Strip - Terminal TB2 and TB3	7-6
779401	Insulator	7-6
779431	Side Plate - Developer, Non-Drive Side	3-7, 3-8
779432	Side Plate - Developer, Drive Side	3-7, 3-8
779435	Side Plate - Crossover	3-12, 3-13, 3-21, 3-22
779438	Filter	7-2
779451	Bracket - Entrance	8-2
779453	Fastener	5-1, 6-7, 8-2
779458	Housing - Level Sensor, Developer	7-4
779459	Probe - Level Sensor	7-4
779460	Tubing - Formed	6-8
779468	Valve - Drain, red	6-7
779473	Housing - Level Sensor, Fixer	7-4
785462	Coil	7-2
7B8245	Screw	3-35
838999	Gear - Idler	3-16
851269	Washer - Star	6-7, 7-6
852522	Screw	3-24, 3-28, 3-35, 7-1, 7-2, 8-2
852523	Screw	7-6
852558	Setscrew	4-2
852611	Washer	3-3, 3-4, 3-7, 3-9, 3-16, 3-18, 3-25, 3-27, 3-32, 5-1, 6-7, 7-2, 7-5, 7-6
852682	Screw	3-3, 3-4, 3-24, 3-25, 3-32, 5-1
852799	Washer	2-1, 3-35, 4-1, 4-2, 5-1, 7-6
852800	Nut	4-2
852807	Screw	3-9, 3-10, 3-19, 3-24, 3-28
852809	Screw	7-6
852811	Screw	3-31, 3-35
852835	Screw	3-24, 3-28
852946	Screw	6-3
852959	Screw	3-16
852961	Washer - Lock	2-1, 4-1, 4-2, 5-1, 7-6
852982	Screw	7-1, 8-3

## Numerical Index

Part No.	Description	Figure No.
853000	Pin	4-1
853080	Nut	3-7, 3-9, 3-16, 3-18
853087	Washer - Lock	3-3, 3-4, 3-7, 3-9, 3-16, 3-18, 3-32
853096	Washer - Lock	3-3, 3-4
853100	Washer - Lock	5-1, 6-7, 7-2, 7-5
853141	Screw	3-9, 3-18
853165	Screw	5-1, 8-2
897205	Bearing - Thrust	4-1
8B6568	Roller Assembly	3-23, 3-27
8B6582	Mount - Bearing, Dryer End	4-1
8B6662	Shim	4-1
8B7080	Thermowell	6-2
8B7109	Sprocket	3-32
8B7110	Roller - Squeegee, Drive	3-30, 3-32
8B7111	Roller - Squeegee, Driven	3-30, 3-32
8B7122	Guard - Splash	3-26
8B7123	Tubing - Wash Reservoir	6-10
8B7205	Cover	8-2
8B7206	Cover	8-2
8B7212	Plenum - Dryer	3-35
8B7213	Housing - Heater	5-1
8B7216	Bracket - Detector Switch, Non-Drive Side	7-1
8B7217	Bracket - Detector Switch, Drive Side	7-1
8B7218	Reservoir - Wash	6-10
8B7353	Side Plate - Wash Rack, Drive	3-24, 3-25, 3-27, 3-28
8B7354	Side Plate - Wash Rack, Non-Drive	3-24, 3-25, 3-27, 3-28
8B7356	Bracket - Plenum	5-1
8B7357	Cover - Wet Section	2-1
8B7375	Rack - Dryer	3-1, 3-29
8B7377	Shoe - Guide	3-24, 3-28
8B7383	Plenum - Air Return	5-1
8B7385	Side Plate - Drive Side	3-33
8B7386	Side Plate - Non-Drive Side	3-33
903739	Shield - Ferrite	7-2
911412	Controller - Motor	7-2
911432	Thermistor - Solution	6-2
911433	Thermistor - Dryer	7-5
911656	Shaft - Drive	4-1

## Numerical Index

Part No.	Description	Figure No.
911660	Roller	3-22, 3-30, 3-32, 3-33, 3-34
911662	Roller	3-30, 3-33
911663	Gear	3-17, 3-33
911664	Gear	3-32, 3-33, 3-34
911674	Adapter - Exhaust	5-1
911677	Hose	5-1
911678	Adapter - Plenum End	5-1
911679	Adapter - Exhaust	5-1
911680	Hose	5-1
911692	Deflector - Rack	3-9
911725	Bushing - Idler	3-24, 3-28
911727	Chain - Drive	4-1, 4-2
911731	Mount - Bearing, Feed End	4-1
911732	Shim	4-1
911735	Bracket - Plenum	5-1
911737	Bracket	5-1
914518	Screw	4-2
914596	Filter - EMI	7-6
914599	Switch	7-1, 7-6
914700	Bracket - Safety Panel	2-1
914703	Shoe - Guide	3-10, 3-19
914704	Shoe - Guide	3-31
914705	Shoe - Guide	3-31
914706	Cover - Plenum Assembly	5-1
914712	Cover - Dryer, Front	3-35
914719	Mandrel - Fixer, Blue	6-5
914721	Sprocket	4-1
914722	Bracket - Dryer Thermistor	7-5
914723	Plate	5-1
914724	Exchanger - Heat	6-1
914728	Ring - Pull	7-2
914731	Orifice - 0.250 inches	6-8
914732	Orifice - 0.125 inches	6-8
914737	Chain	3-32
914738	Chain	3-32
914744	Screen - Heater	5-1
914888	Fan	7-2
914898	Pin - Dowel	4-1
914903	Cover - Safety, Drive side	2-1
914906	Cover - Safety, Feed End	2-1
914908	Clamp - Hose	6-8, 6-9, 6-10
914911	Housing - Film Detector	7-1

## Numerical Index

Part No.	Description	Figure No.
914916	Cover - Safety, Non-Drive Side	2-1
914920	Trough - Crossover, Developer/Fixer	3-11
914921	Air Tube - Snouted, Black	3-30, 3-31
914922	Trough - Crossover, Fixer/Wash	3-20
918094	Button - Replenishment Switch Assembly	7-4
918383	Label - Caution	5-1
918925	Tubing - Formed	6-8, 6-10
918928	Tubing - Formed	6-9, 6-10
918929	Spacer	7-2
918931	Cover - Chain Drive	3-35
918933	Cover - Dryer, Top	3-35
918938	Rack - Developer	3-1, 3-5
918939	Rack - Fixer	3-1, 3-14
918943	Crossover - Detector	3-1, 3-2
918944	Crossover - Developer/Fixer	3-1, 3-11
918945	Crossover - Fixer/Wash	3-1, 3-20
918947	Guard - Splash	8-1
934435	Coil	7-2
943375	Switch - Dryer Airflow	5-1
943378	Varistor - Metal Oxide	7-2
943400	Bracket - Switch	5-1
943427	Cover - Relay	7-2
943429	Cover - Power Supply	7-2
943442	Filter - Cartridge, Developer	6-5
943457	Tubing - Formed	6-8, 6-9, 6-10
943466	Side Plate - Fixer, Non-Drive Side	3-16
943467	Side Plate - Fixer, Drive Side	3-16
943468	Shaft	3-17
943469	Gudgeon - Snap-In	3-34
943471	Bushing	3-16
943473	Shaft	3-7, 3-16
943661	Shoe - Guide	8-2
943662	Plenum - Dryer	3-35
943665	Tubing - Straight	6-10
943666	Valve - Water Solenoid	6-7, 6-10
943667	Tubing - Formed	6-10
943700	Coupling	6-10
943701	Disconnect - Water	6-10
943903	Strip - Marker, TB2 and TB3	7-6
953828	Spacer	3-25, 3-27
955595	Bracket - Stop, Non-Drive	3-35
955623	Slide Assembly - Electrical Box	8-3
955703	Motor	4-2
955719	Switch - Replenishment Calibration	7-4
955741	Thermostat - Dryer, Over-Temperature	7-5

**Numerical Index**

<b>Part No.</b>	<b>Description</b>	<b>Figure No.</b>
955745	Power Supply - DC, Quad	7-2
963541	Valve - Dole, 1 gal/min	6-10
981759	Board - Microprocessor, 500	7-2, 7-3
981894	Locator	3-9
990010	Screw - Shoulder	3-33
9B8240	Spacer - Thermostat	7-5
9219043	Adapter - Exhaust	5-1
9219051	Support - Hose, short	6-8, 6-9, 6-10
9219061	Support - Hose, long	6-8, 6-9, 6-10
9224910	Bracket Stop Kit	8-2



## Section 10: Alphabetical Parts Index

### Alphabetical Index

Part No.	Description	Figure No.
650876	Actuator - Magnet	3-3, 3-4
911674	Adapter - Exhaust	5-1
911679	Adapter - Exhaust	5-1
9219043	Adapter - Exhaust	5-1
911678	Adapter - Plenum End	5-1
240101	Air Tube - Metal	3-30, 3-31
914921	Air Tube - Snouted, Black	3-30, 3-31
748501	Autotransformer	7-6
227322	Battery	7-3
594273	Bearing	3-7, 3-16
595426	Bearing	4-1
650707	Bearing	3-3, 3-4
779119	Bearing	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-17, 3-18, 3-21, 3-22, 3-25, 3-27, 3-32, 3-33, 3-34
3B7301	Bearing - Thrust	3-32
897205	Bearing - Thrust	4-1
532008	Bellows	6-4
475493	Block - Hinge	7-1
241883	Block - Terminal	7-2
243572	Block - Terminal	7-2
748638	Blower Assembly - Dryer	5-1
981759	Board - Microprocessor, 500	7-2, 7-3
535638	Body - Valve	6-4
911737	Bracket	5-1
8B7217	Bracket - Detector Switch, Drive Side	7-1
8B7216	Bracket - Detector Switch, Non-Drive Side	7-1
335547	Bracket - Drive Side	8-2
914722	Bracket - Dryer Thermistor	7-5
748023	Bracket - Dryer Thermistor/Thermostat	7-5
779451	Bracket - Entrance	8-2
474596	Bracket - Guide Shoe	3-10, 3-12, 3-13, 3-19, 3-21, 3-22, 3-24, 3-28, 3-31
594233	Bracket - Guide Shoe	3-3, 3-4, 3-12, 3-13, 3-21, 3-22, 3-31
1C0475	Bracket - Non-Drive Side	8-2

## Alphabetical Index

Part No.	Description	Figure No.
748024	Bracket - Over-Temperature Thermostat	7-5
8B7356	Bracket - Plenum	5-1
911735	Bracket - Plenum	5-1
914700	Bracket - Safety Panel	2-1
5B6841	Bracket - Stop, Drive	3-35
955595	Bracket - Stop, Non-Drive	3-35
943400	Bracket - Switch	5-1
5B6892	Bracket - Tubing	3-25
9224910	Bracket Stop Kit	8-2
594240	Bushing	3-9, 3-18
594255	Bushing	3-7
943471	Bushing	3-16
911725	Bushing - Idler	3-24, 3-28
918094	Button - Replenishment Switch Assembly	7-4
477506	Cap - Fuse Holder	7-2
914737	Chain	3-32
914738	Chain	3-32
911727	Chain - Drive	4-1, 4-2
779334	Chain - Roller	3-7, 3-9, 3-16, 3-18
531927	Clamp	5-1
246800	Clamp - Hose	6-8, 6-9, 6-10
246801	Clamp - Hose	6-8, 6-9
246803	Clamp - Hose	6-8, 6-9, 6-10
246804	Clamp - Hose	6-10
246805	Clamp - Hose	6-10
246808	Clamp - Hose	6-8, 6-9, 6-10
914908	Clamp - Hose	6-8, 6-9, 6-10
5B6750	Clip - Wash Tank	8-2
785462	Coil	7-2
934435	Coil	7-2
499754	Connector - Hose	6-7
335500	Connector - J502	7-2
911412	Controller - Motor	7-2
943700	Coupling	6-10
8B7205	Cover	8-2
8B7206	Cover	8-2
5B6883	Cover - Autotransformer	2-1
918931	Cover - Chain Drive	3-35
5B6560	Cover - Drive Chain Guard	4-2
914712	Cover - Dryer, Front	3-35
918933	Cover - Dryer, Top	3-35
613122	Cover - Evaporation	2-1
914706	Cover - Plenum Assembly	5-1
943429	Cover - Power Supply	7-2

## Alphabetical Index

Part No.	Description	Figure No.
943427	Cover - Relay	7-2
914903	Cover - Safety, Drive side	2-1
914906	Cover - Safety, Feed End	2-1
914916	Cover - Safety, Non-Drive Side	2-1
5B6884	Cover - Splash, Recirculation Pump	2-1
5B6487	Cover - Wet Section	2-1
8B7357	Cover - Wet Section	2-1
918943	Crossover - Detector	3-1, 3-2
918944	Crossover - Developer/Fixer	3-1, 3-11
918945	Crossover - Fixer/Wash	3-1, 3-20
479821	Cylinder - Graduated	8-1
534770	Deflector - Air Tube	3-31
911692	Deflector - Rack	3-9
618502	Diode Assembly	6-7, 6-8
943701	Disconnect - Water	6-10
192904	E-Ring	4-1
651107	E-Ring	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-17, 3-18, 3-21, 3-22, 3-32, 3-33, 3-34
1C7622	EEPROM Set - Main/Language, Japanese	7-3
5B6283	EEPROM Set - Main/Language, Other Languages	7-3
914724	Exchanger - Heat	6-1
914888	Fan	7-2
779453	Fastener	5-1, 6-7, 8-2
779438	Filter	7-2
943442	Filter - Cartridge, Developer	6-5
914596	Filter - EMI	7-6
1C4524	Fitting - 1-inch elbow	6-6, 6-7
1C7115	Fitting - 3/8-inch elbow	6-6, 6-7
493674	Fitting - 3/8-inch x 5/8-inch elbow	6-7
1C7114	Fitting - 5/8-inch elbow	6-6, 6-7
5B6156	Fitting - Barbed	6-1
1C7113	Fitting - Bulkhead, 3/8 inch	6-8, 6-9
478510	Fitting - Elbow	6-2
486480	Fitting - Elbow	6-8
520390	Fitting - Elbow	6-4
5B6569	Fitting - Elbow	6-2
180281	Fitting - T	6-8
477011	Fitting - Y	6-8
273691	Fuse - F1, 2.5 Amp	7-2
597341	Fuse - F2, 8 Amp	7-2
594535	Gasket	6-10

## Alphabetical Index

Part No.	Description	Figure No.
650938	Gasket - Lighttight, 10 ft roll	8-1
1C7245	Gear	3-33
550774	Gear	3-7, 3-16, 3-32
594241	Gear	3-9, 3-18
594254	Gear	3-7, 3-16, 3-17
5B6591	Gear	3-25, 3-27
779028	Gear	3-24, 3-25, 3-27, 3-28
911663	Gear	3-17, 3-33
911664	Gear	3-32, 3-33, 3-34
550781	Gear - Drive, Crossover	3-3, 3-12, 3-21
594291	Gear - Gudgeon, Compound	3-8, 3-17
594297	Gear - Idler	3-7
838999	Gear - Idler	3-16
1C7244	Gear - Snap-In	3-34
532124	Gear - Snap-In	3-34
594248	Gear - Snap-In	3-8, 3-17
594251	Gear - Snap-In	3-8
748955	Gear - Worm, Left	4-1
748956	Gear - Worm, Right	4-1
779325	Gear Box	4-2
1C4042	Guard - Splash	7-1
8B7122	Guard - Splash	3-26
918947	Guard - Splash	8-1
943469	Gudgeon - Snap-In	3-34
748511	Heater - Dryer	5-1
1C4564	Heater - Solution	6-2
498607	Holder - Fuse	7-2
5B6802	Hose	6-10
911677	Hose	5-1
911680	Hose	5-1
1C4385	Hose - Yoke	3-24
914911	Housing - Film Detector	7-1
8B7213	Housing - Heater	5-1
418700	Housing - Inner	6-3
472605	Housing - Left Side	6-3
779458	Housing - Level Sensor, Developer	7-4
779473	Housing - Level Sensor, Fixer	7-4
472606	Housing - Right Side	6-3
594253	Idler - Chain	3-9, 3-18
474362	Impeller	6-3
779401	Insulator	7-6
292888	Jack - ESD, Ground	7-2
918383	Label - Caution	5-1

Alphabetical Index

Part No.	Description	Figure No.
607793	Locator	6-2
981894	Locator	3-9
473926	Magnet	6-3
779330	Mandrel - Developer, Red	6-5
914719	Mandrel - Fixer, Blue	6-5
5B6585	Manifold - Water	3-24, 3-28
955703	Motor	4-2
5B6632	Mount - Bearing	4-1
8B6582	Mount - Bearing, Dryer End	4-1
911731	Mount - Bearing, Feed End	4-1
520391	Nut	6-4
523016	Nut	8-3
852800	Nut	4-2
853080	Nut	3-7, 3-9, 3-16, 3-18
779378	Nut - Jam, 1-inch - 12	6-6, 6-7
779376	Nut - Jam, 3/8 - 20	6-6, 6-7
779377	Nut - Jam, 5/8 - 16	6-6, 6-7
472756	Nut - Special D, Long	3-3, 3-12, 3-21
472755	Nut - Special N-D, Short	3-4, 3-13, 3-22
740639	Nut - Wing	6-5
183851	O-Ring	3-25, 3-27
463363	O-Ring	6-3
520388	O-Ring	6-4
532378	O-Ring	6-1
535639	O-Ring	6-4
459576	Orifice	6-9
914732	Orifice - 0.125 inches	6-8
914731	Orifice - 0.250 inches	6-8
699551	PROM - Bootstrap	7-3
779357	Panel - Bulkhead	6-6
502464	Pin	3-3, 3-7, 3-9, 3-12, 3-16, 3-17, 3-18, 3-21, 3-25, 3-27, 3-32, 3-33, 3-34
853000	Pin	4-1
914898	Pin - Dowel	4-1
914723	Plate	5-1
288235	Plate - Nut	7-1
8B7383	Plenum - Air Return	5-1
8B7212	Plenum - Dryer	3-35
943662	Plenum - Dryer	3-35
544947	Plug - Cap	6-10
541891	Plug - Thermowell	6-2

## Alphabetical Index

Part No.	Description	Figure No.
955745	Power Supply - DC, Quad	7-2
779459	Probe - Level Sensor	7-4
918938	Rack - Developer	3-1, 3-5
8B7375	Rack - Dryer	3-1, 3-29
918939	Rack - Fixer	3-1, 3-14
5B6575	Rack - Wash	3-1, 3-26
5B6890	Rack - Wash	3-1, 3-23
1C4594	Recirculation Pump Assembly	6-3
748131	Relay - K1	7-2
4B3991	Relay - Solid State	7-2
1C4593	Replenishment Pump Assembly	6-4
8B7218	Reservoir - Wash	6-10
594103	Retainer -Bearing	4-1
914728	Ring - Pull	7-2
5B6527	Rocker - Bearing	3-3, 3-4
458170	Rod - Tie	3-2, 3-3, 3-4, 3-12, 3-13, 3-21, 3-22
458219	Rod - Tie	3-10, 3-19, 3-24, 3-25, 3-28
532164	Rod - Tie	3-31
1C7381	Roller	3-6, 3-8, 3-15, 3-17
1C7550	Roller	3-6, 3-9, 3-15, 3-18
1C7551	Roller	3-6, 3-8, 3-15, 3-17
1C7552	Roller	3-3, 3-4
246979	Roller	3-15, 3-16, 3-30, 3-32, 3-34
587329	Roller	3-30, 3-34
594237	Roller	3-6, 3-7, 3-13, 3-15, 3-16, 3-17, 3-22, 3-30, 3-32
594243	Roller	3-6, 3-9
5B6058	Roller	3-6, 3-8
5B6061	Roller	3-6, 3-7
5B6064	Roller	3-15, 3-17
5B6078	Roller	3-15, 3-18
911660	Roller	3-22, 3-30, 3-32, 3-33, 3-34
911662	Roller	3-30, 3-33
490108	Roller - Detector	3-2, 3-3

Alphabetical Index

Part No.	Description	Figure No.
490109	Roller - Detector	3-2, 3-3
594271	Roller - Rewet	3-6, 3-7, 3-15, 3-16
8B7110	Roller - Squeegee, Drive	3-30, 3-32
8B7111	Roller - Squeegee, Driven	3-30, 3-32
5B6568	Roller Assembly	3-25, 3-26
5B6590	Roller Assembly	3-23, 3-25, 3-26, 3-27
8B6568	Roller Assembly	3-23, 3-27
914744	Screen - Heater	5-1
187235	Screw	2-1, 4-1
191097	Screw	7-5
490097	Screw	3-25, 3-27
535039	Screw	7-2
544132	Screw	3-7
544194	Screw	3-3, 3-4, 7-4
544267	Screw	3-24, 3-28
556032	Screw	5-1, 7-1
562201	Screw	8-2
566107	Screw	6-7, 7-5
575821	Screw	3-3, 3-4, 3-35
594320	Screw	3-9, 3-18
5B6316	Screw	3-3, 3-4, 3-10, 3-12, 3-13, 3-19, 3-21, 3-22, 3-31
619284	Screw	2-1, 4-1, 4-2, 5-1, 7-6
7B8245	Screw	3-35
852522	Screw	3-24, 3-28, 3-35, 7-1, 7-2, 8-2
852523	Screw	7-6
852682	Screw	3-3, 3-4, 3-24, 3-25, 3-32, 5-1
852807	Screw	3-9, 3-10, 3-19, 3-24, 3-28
852809	Screw	7-6
852811	Screw	3-31, 3-35
852835	Screw	3-24, 3-28
852946	Screw	6-3
852959	Screw	3-16
852982	Screw	7-1, 8-3
853141	Screw	3-9, 3-18
853165	Screw	5-1, 8-2

## Alphabetical Index

Part No.	Description	Figure No.
914518	Screw	4-2
1C7237	Screw - Shoulder	7-4
5B6808	Screw - Shoulder	3-24, 3-28
990010	Screw - Shoulder	3-33
852558	Setscrew	4-2
1C4952	Shaft	3-32
1C7366	Shaft	3-25, 3-26, 3-27
246981	Shaft	3-7, 3-16
335663	Shaft	3-32
458175	Shaft	3-3, 3-4
594229	Shaft	3-3, 3-4, 3-12, 3-13, 3-21, 3-22
594230	Shaft	3-12, 3-13, 3-21, 3-22
594236	Shaft	3-9, 3-18
594242	Shaft	3-9, 3-18
5B6587	Shaft	3-25, 3-27
5B6588	Shaft	3-25, 3-27
5B6817	Shaft	3-25, 3-27
748021	Shaft	3-33
748022	Shaft	3-32, 3-34
943468	Shaft	3-17
943473	Shaft	3-7, 3-16
911656	Shaft - Drive	4-1
562650	Shield	4-1
903739	Shield - Ferrite	7-2
8B6662	Shim	4-1
911732	Shim	4-1
458953	Shoe - Guide	3-2, 3-3, 3-4, 3-12, 3-13
562389	Shoe - Guide	3-12, 3-13, 3-21, 3-22
562765	Shoe - Guide	3-10, 3-19
5B6001	Shoe - Guide	3-21, 3-22
8B7377	Shoe - Guide	3-24, 3-28
914703	Shoe - Guide	3-10, 3-19
914704	Shoe - Guide	3-31
914705	Shoe - Guide	3-31
943661	Shoe - Guide	8-2
779435	Side Plate - Crossover	3-12, 3-13, 3-21, 3-22
5B6548	Side Plate - Detector Crossover, Drive Side	3-3
5B6549	Side Plate - Detector Crossover, Non-Drive Side	3-4
779432	Side Plate - Developer, Drive Side	3-7, 3-8



# Alphabetical Index

Part No.	Description	Figure No.
779431	Side Plate - Developer, Non-Drive Side	3-7, 3-8
8B7385	Side Plate - Drive Side	3-33
943467	Side Plate - Fixer, Drive Side	3-16
943466	Side Plate - Fixer, Non-Drive Side	3-16
8B7386	Side Plate - Non-Drive Side	3-33
8B7353	Side Plate - Wash Rack, Drive	3-24, 3-25, 3-27, 3-28
8B7354	Side Plate - Wash Rack, Non-Drive	3-24, 3-25, 3-27, 3-28
594252	Sleeve	3-9, 3-18
532108	Sleeve - Blower Outlet	5-1
955623	Slide Assembly - Electrical Box	8-3
779344	Solenoid - Cooling	6-8
5B6589	Spacer	3-25, 3-27
918929	Spacer	7-2
953828	Spacer	3-25, 3-27
9B8240	Spacer - Thermostat	7-5
467843	Spring	3-7, 3-16
562500	Spring	3-9, 3-18
5B6165	Spring	3-32
562609	Spring - Air Tube	3-31
1C7106	Spring - Extension	3-12, 3-13, 3-17, 3-21, 3-22, 3-32, 3-34
1C7107	Spring - Extension	3-25, 3-27
594261	Sprocket	3-7, 3-16
613246	Sprocket	3-9, 3-18
8B7109	Sprocket	3-32
914721	Sprocket	4-1
454454	Sprocket - Drive	4-2
489997	Standoff - Pivot	3-3, 3-4
5B6592	Stiffener - Tank Wall	8-2
472261	Strainer Assembly	8-1
943903	Strip - Marker, TB2 and TB3	7-6
779400	Strip - Terminal TB2 and TB3	7-6
562228	Stud - Snap-In	3-3, 3-4, 3-8, 3-17, 3-33, 3-34
474180	Support	3-3, 3-4
9219061	Support - Hose, long	6-8, 6-9, 6-10
9219051	Support - Hose, short	6-8, 6-9, 6-10
914599	Switch	7-1, 7-6
943375	Switch - Dryer Airflow	5-1
955719	Switch - Replenishment Calibration	7-4
911433	Thermistor - Dryer	7-5

## Alphabetical Index

Part No.	Description	Figure No.
911432	Thermistor - Solution	6-2
955741	Thermostat - Dryer, Over-Temperature	7-5
8B7080	Thermowell	6-2
182590	Tie	6-10
459432	Tray - Drip	8-1
1C7229	Trough - Crossover, Developer/Fixer	3-11
914920	Trough - Crossover, Developer/Fixer	3-11
1C7230	Trough - Crossover, Fixer/Wash	3-20
914922	Trough - Crossover, Fixer/Wash	3-20
1C4384	Tube - Yoke Supply	3-24
333951	Tubing - Formed	6-8, 6-9
5B6151	Tubing - Formed	6-8
5B6803	Tubing - Formed	6-9
5B6804	Tubing - Formed	6-8
5B6805	Tubing - Formed	6-9
5B6806	Tubing - Formed	6-8
779360	Tubing - Formed	6-9
779362	Tubing - Formed	6-10
779363	Tubing - Formed	6-8, 6-9
779364	Tubing - Formed	6-8
779365	Tubing - Formed	6-8, 6-10
779366	Tubing - Formed	6-9
779368	Tubing - Formed	6-8, 6-9
779369	Tubing - Formed	6-9
779383	Tubing - Formed	6-8
779384	Tubing - Formed	6-8
779387	Tubing - Formed	6-8
779388	Tubing - Formed	6-9
918925	Tubing - Formed	6-8, 6-10
918928	Tubing - Formed	6-9, 6-10
943457	Tubing - Formed	6-8, 6-9, 6-10
943667	Tubing - Formed	6-10
779460	Tubing - Formed	6-8
452990	Tubing - Replenishment	8-1
779370	Tubing - Straight	6-8
779371	Tubing - Straight	6-9
779385	Tubing - Straight	6-8
943665	Tubing - Straight	6-10
8B7123	Tubing - Wash Reservoir	6-10
1C4398	Tubing Assembly	3-25
963541	Valve - Dole, 1 gal/min	6-10
5B6630	Valve - Dole, 1/2 gal/min	6-10
1C4968	Valve - Dole, 3/4 gal/min	6-10
779359	Valve - Drain, blue	6-7
779468	Valve - Drain, red	6-7

# Alphabetical Index

Part No.	Description	Figure No.
609817	Valve - Poppet	6-4
943666	Valve - Water Solenoid	6-7, 6-10
943378	Varistor - Metal Oxide	7-2
165627	Washer	3-3, 3-4, 3-35, 7-1, 7-2, 8-2, 8-3
562226	Washer	3-7, 3-9, 3-16, 3-18
575822	Washer	3-3, 3-4, 7-1, 7-5
594534	Washer	6-10
748957	Washer	4-1
852611	Washer	3-3, 3-4, 3-7, 3-9, 3-16, 3-18, 3-25, 3-27, 3-32, 5-1, 6-7, 7-2, 7-5, 7-6
852799	Washer	2-1, 3-35, 4-1, 4-2, 5-1, 7-6
459945	Washer	3-24, 3-28
493505	Washer	6-3
459944	Washer - I/D	3-19
459946	Washer - I/D	3-12
459947	Washer - I/D	3-21
459943	Washer - I/D, Developer	3-10
168424	Washer - Lock	7-6
187213	Washer - Lock	3-35, 7-1, 7-2, 8-2, 8-3
187283	Washer - Lock	3-3, 3-4
191098	Washer - Lock	5-1, 7-1, 7-5
852961	Washer - Lock	2-1, 4-1, 4-2, 5-1, 7-6
853087	Washer - Lock	3-3, 3-4, 3-7, 3-9, 3-16, 3-18, 3-32
853096	Washer - Lock	3-3, 3-4
853100	Washer - Lock	5-1, 6-7, 7-2, 7-5
489174	Washer - Rubber, 3/8-inch	6-6, 6-7
1C4721	Washer - Rubber, 5/8-inch	6-6, 6-7
748043	Washer - Sealing	7-4
539180	Washer - Star	3-25
851269	Washer - Star	6-7, 7-6

## Alphabetical Index

Part No.	Description	Figure No.
418775	Washer - Thrust	3-3, 3-4, 3-7, 3-9, 3-12, 3-13, 3-16, 3-18, 3-21, 3-22, 3-25, 3-27, 3-32, 3-33
418875	Washer - Thrust	3-33
619512	Washer - Thrust	3-32
246045	Wire Harness	4-2
1C7399	Yoke and Pin Assembly	3-24

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