

This exploded view diagram illustrates the assembly of a vacuum cleaner. The main components are labeled with numbers 1 through 72. The diagram includes several callout boxes for detailed views of specific sub-assemblies:

- Top Callout:** Shows the motor and switch assembly, including parts 33, 34, 35, 36, 37, 38, 39, 40, 41, and 42.
- Left Callout:** Shows the roller and wheel assembly, including parts 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42.
- Bottom Left Callout:** Shows the roller and wheel assembly, including parts 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42.
- Bottom Right Callout:** Shows the roller and wheel assembly, including parts 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42.

The diagram also includes a note at the bottom left: "PRIOR TO SER. NO. 1187".

MODEL RF DRAIN CLEANING MACHINE

ITEM NUMBER	PART NUMBER	DESCRIPTION	AMT
1	RF1	Frame.	1
2	RF2	Handle	1
3	DL-4	Thumb Screw	2
4	R-W10	10" dia. x 5/8" Wheel	2
5	WA58P	Washer.	4
6	CP532114	Cotter Pin	2
7	D12	Wheel Spacer.	2
8	RF3	Cage Axle	1
9	RF3RP	Axle Retaining Pin	1
10	R-20*	Cable Cage	1
11	R-14	Cable Anchor.	1
12	RFHPC	Cage Hairpin Clip	1
13	RF4	Cage Spacer.	1
14	OBSF324016	Rear Cage Bushing	1
15	OBSS324216	Front Cage Bushing.	1
16	SS5162458DP	5/16- x 5/8 Set Screw	1
17	NU51624FHP	5/16-24 Hex Nut	1
18	DL6CAP	Cord Hook Cap	3
19	D47	Rubber Pad	1
20	CSHH516181	5/16-18 x 1 1/4 Cap Screw	2
21	LW516	5/16" Lockwasher	6
22	NU51618FHP	5/16" Hex Nut	6
23	EE-23	Motor Mount	1
24	EE-9	Motor Tension Spring	1
25	R-24	Belt Guard	1
26	TS14	Thumb Screw 1/4".	1
27	WA516S	5/16" Washer	4
28	CSHH516181	5/16-18 x 1 Cap Screw	4
29	RM-1/3	Motor 1/3 HP.	1
30	N-8	Motor Pulley	1
31	SS51618516	5/16-18 x 5/16" Set Screw.	
32	A-48	V-belt.	1
33	SW-FO	Forward/Off Switch	1
34	SW-FOP	Forward/Off Switch Plate	1
35	SW-BOOT	Forward/Reverse Switch Boot.	1
36	TBS3218	Air Activated On/Off Switch.	1
37	FP-1A**	Foot Pedal and Hose Assy.	1
38	FP-1	Foot Pedal	1
39	FP-2	Air Hose	1
40	GFCI	Ground Fault Circuit Interrupter	1
41	TSC12	Two Screw Connector	1
42	DE-23A***	Feeder Assembly	1
43	DE-7	Tension Handle w/Shaft	1
44	MS102434HHWS	10-24 x 3/4" Cap Screw	9

MODEL RF DRAIN CLEANING MACHINE

ITEM NUMBER	PART NUMBER	DESCRIPTION	AMT
45	DE-5	Top Feeder Head Cap	1
46	BB38	3/8" Ball Bearing.	1
47	DE-8	Ball Bearing Retainer	1
48	DE-9	Tension Spring.	1
49	DE-3	Top Feeder Insert.	1
50	DE-12	Feeder Control Finger	3
	DE-25ASET	Feeder Bearing Assy Set of 3.	1
51	DE-25A	Feeder Bearing Assy	3
52	DE-13	Control Lever	1
53	DE-14	Control Lever Knob.	1
54	RR-237	Retaining Ring	1
55	DE-22*****	Lower Feeder Insert.	2
56	DE-6	Lower Feeder Head Cap	2
57	RP516138	5/16-18 x 1 3/8" Roll Pin	3
58	DE-11	Feeder Insert Bearing	2
59	DE-23*****	Feeder Head Body.	1
60	DE-15	Feeder Anchor Bolts	2
61	DE-16	Feeder Anchor Washer	2
62	GZ1428S	Grease Zerk 1/4-28 Short	3
63	DE-2	Feeder Face Plate	1
64	DE-18A****	Cable Guide Spring Assy	1
65	DE-19	Guide Spring Lock Pin	1
66	DE-20	Guide Lock Pin Spring	1
67	RR25	Retaining Ring	1
68	CSHH14201	Cap Screw Hex Head 1/4-20 x 1	1
69	LW14	Lockwasher 1/4	1
70	NU1420FHP	1/4"-20 Hex Nut	1
71	FP-3	Hose Clamp.	2
72	RR-137*****	Retaining Ring	1

* Includes Items 10 through 15, 21, 22, 68, 69, and 70

** Includes Items 37, 38, 39, and 71

*** Includes Items 42, 43 through 63. Prior to Serial No. 1187, Item 42 Part No. is DE-21A

**** Includes Items 64 through 67

***** Prior to Serial No. 1187, Item No. 55 Part No. is DE-4

***** Prior to Serial No. 1187, Item No. 59 Part No. is DE-21

***** Prior to Serial No. 1187, Item No. 44 and 56 were used