
Clarke®

American Sanders

CAV26
Vacuum 26 Gallon



Operator's Manual

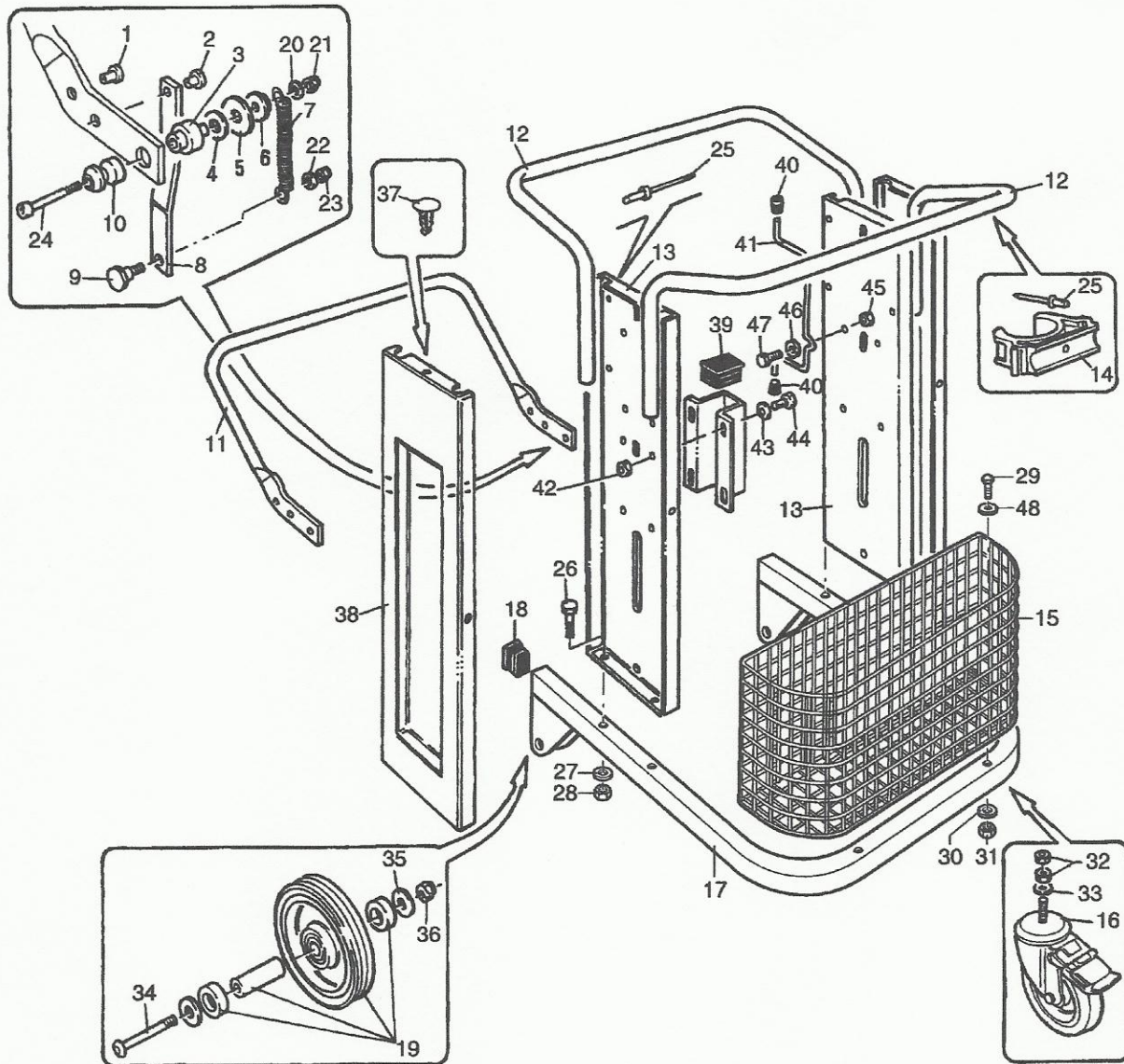


READ THIS BOOK

This book has important information for the use and safe operation of this machine. Failure to read this book prior to operating or attempting any service or maintenance procedure to your Clarke American Sanders machine could result in injury to you or to other personnel; damage to the machine or to other property could occur as well. You must have training in the operation of this machine before using it. If your operator(s) cannot read this manual, have it explained fully before attempting to operate this machine.

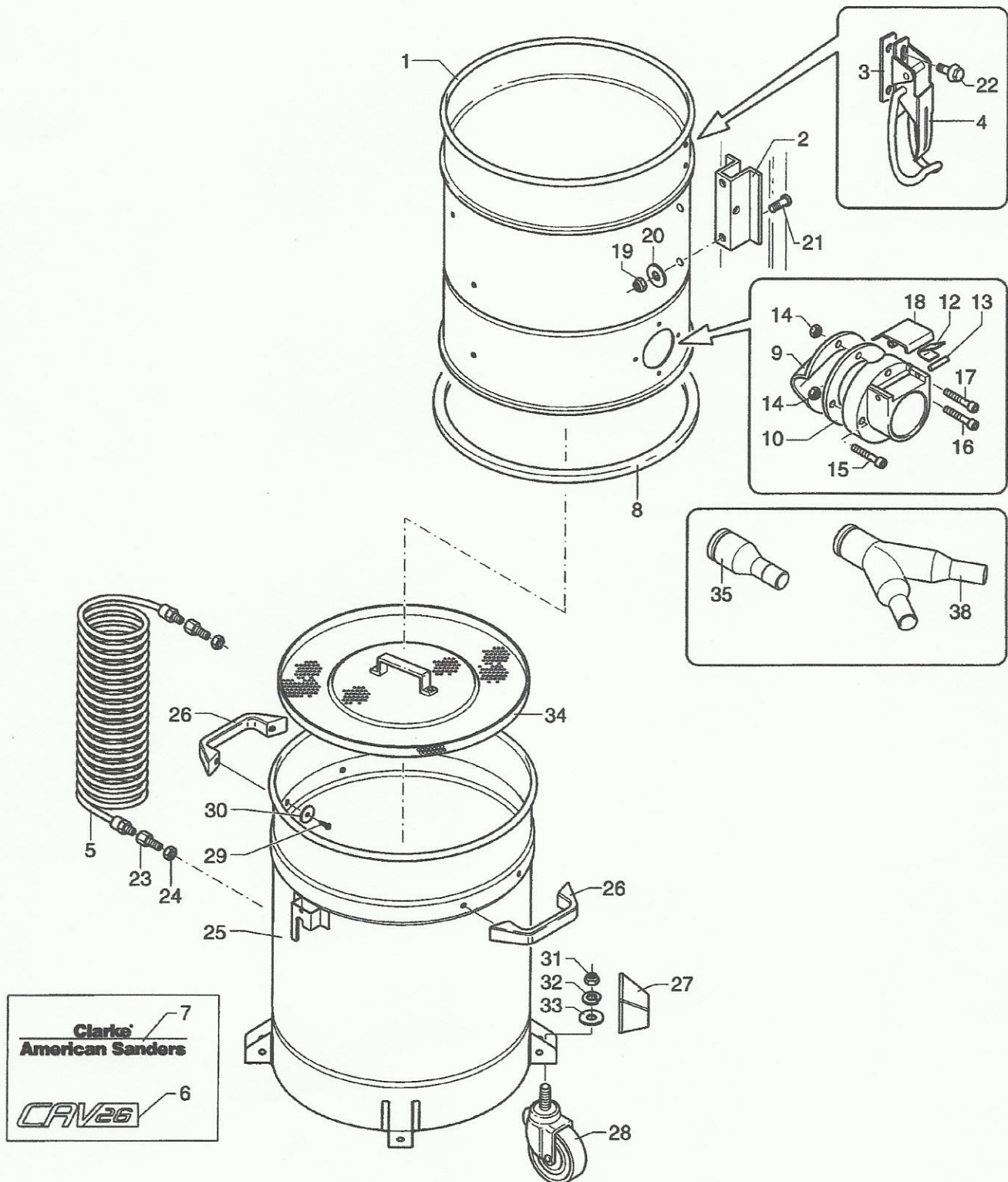
All directions given in this book are as seen from the operator's position at the rear of the machine.

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Frame Assembly Parts List 5/06

Ref.	Part No.	Description	Qty
1	8 14087	Pin	2
2	8 14084	Pin	2
3	8 14262	Pin	2
4	8 38033	Washer	2
5	8 38034	Washer	2
6	8 14266	Washer	2
7	8 14267	Spring	2
8	8 14256	Lever	2
9	8 14261	Pin	2
10	8 14259	Bushing	2
11	8 14258	Lever	1
12	8 18513	Handgrip	2
13	8 18506	Pillar	2
14	8 40392	Collar	1
15	8 16060	Basket	1
16	8 40582	Caster, Cart	2
17	8 36196	Cart	1
18	8 40035	Plug	2
19	8 40581	Wheel, Cart	2
20	229102	Washer, Ø 8	2
21	80312A	Nut, M8 Block	2
22	229102	Washer, Ø 8	2
23	80312A	Nut, M8 Block	2
24	58050A	Screw, M8 x 65 Soc.	2
25	83002A	Rivet, Ø6,4 x 15	9
26	98456A	Screw, M8 x 50	4
27	229102	Washer, Ø 8	4
28	80163A	Nut, M8	4
29	80314A	Screw, M8 x 65	4
30	229102	Washer, Ø 8	4
31	80163A	Nut, M8	4
32	920936	Nut, M12	2
33	980648	Washer, Ø 12	2
34	80315A	Screw, M10 x 65	2
35	229044	Washer, Ø 10	2
36	80162A	Nut, M10	2
37	8 38038	Rivet	6
38	8 16380	Side-Piece	2
39	8 40396	Plug	2
40	8 40407	Push Rod	2
41	8 16177	Cable Support	1
42	80163A	Nut, M8	4
43	229102	Washer, Ø 8	6
44	964058	Screw, M8 x 16	6
45	80163A	Nut, M8	4
46	980205	Washer, Ø8 x 24	2
47	1803337	Screw, M8 x 25	2
48	229102	Washer, Ø 8	4



Container Unit Assembly Parts List 3/06

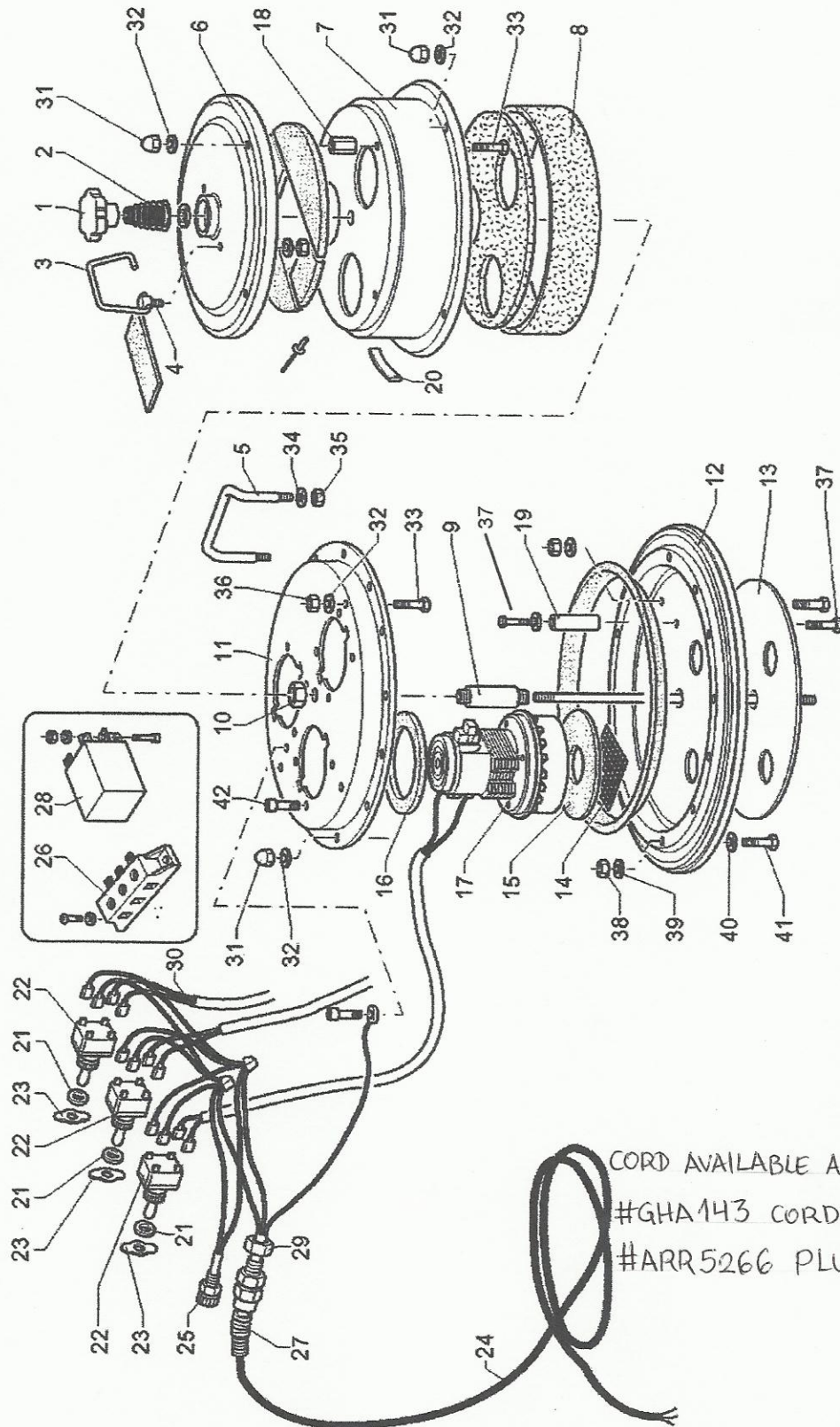
Ref.	Part No.	Description	Qty
1	Ref.	Container	1
2	Ref.	Bracket	2
3	Ref.	Plaque	2
4	8 36028	Latch	2
5	5 60133	Hose, Balancing	1
6	Ref.	Label	1
7	Ref.	Label	1
8	8 17007	Seal, Inlet	
9	8 12013	Deflector	1
10	8 17006	Seal, Container	1
11	Ref.	Filler	1
12	Ref.	Spring	2
13	Ref.	Pin, Ø3 x 16	2
14	924004	Nut, M5	4
15	58413A	Screw, M5 x 20	1
16	58411A	Screw, M5 x 25	2
17	58414A	Screw, M5 x 30	1
18	Ref.	Push Button	1
19	80312A	Nut, M8 Block	4
20	424033	Washer, Ø8 x 32	4
21	964058	Screw, M8 x 16	4
22	80214A	Screw, M6 x 12	4
23	8 40881	Reducer, M6 x 8	2
24	8 40187	Ring Nut	2
25	830331CS	Debris Canister Asm (Includes 23-33)	1
26	8 40771	Handle	2
27	8 17021	Bumper	4
28	8 40001	Wheel	4
29	964058	Screw, M8 x 16	4
30	229102	Washer, Ø8	4
31	920936	Nut, M12	4
32	87101A	Washer, Ø12	4
33	980648	Washer, Ø12	4
34	8 31221	Grid	1
35	722001	Inlet Fitting	1
38	7 22064	Inlet Splitter	1

Ref. Items 1 - 24 = Part No. 8 31687CS, Complete Container, Qty. 1

Ref. Items 11, 12, 13, 18 = Part No. 8 32178, Complete Inlet Asm., Qty. 1

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Motorhead Assembly Drawing ♦ 7/08

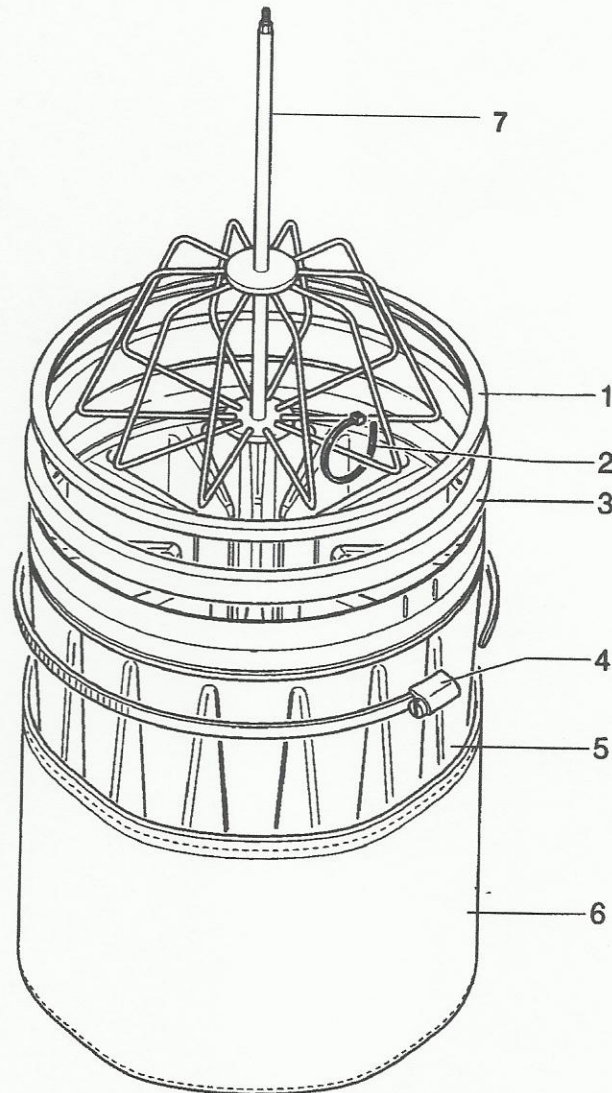


Motorhead Assembly Parts List ♦ 7/08

Ref.	Part No.	Description	Qty
1	840027	Knob	1
2	814079	Spring	1
3	818206	Hook	1
4	814061	Pin	2
5	818083	Handle	2
6	54775A	Cover	1
7	8160679005	Motor Cover	1
8	817229	Soundproofing Kit	1
9	814051	Bushing	1
10	814052	Nut	2
11	816009	Motor Locator	1
12	816004	Motor Platform	1
13	815032	Flange	1
14	813074	Screen	3
15	817002	Seal	3
16	817003	Seal	3
17	854006	Vacuum Motor	3
18	814030	Spacer	4
19	814032	Spacer	3
20	Ref.	Label	1
21	980407	Washer	3
22	839000	Switch	3
23	Ref.	Plate	3
24	8391160	Cable	1
25	839051	Voltage Indicator	1
26	839528	Connection Block	1
27	58013A	Strain Relief	1
28	839533	Anti-Disturber	1
29	170686	Ring Nut (use with 58013A)	1
30	839576	Cable Kit	1
31		Cap Nut, M5-.8	20
32	980603	Lockwasher	20
33		Screw, M5-.8x20 HHC	4
34	980646	Washer	4
35	924003	Nut, M6-1.0	4
36	80169A	Nut, M5-.8 Hex	4
37	964009	Screw, M6-1 x 10	8
38	80169A	Nut, M5	4
39	170879	Washer	12
40	980982	Washer	20
41	80249A	Screw, M5-.8x14 HHC	12
42		Screw	4
NI	51401A	Carbon Brush Set (Ametek)	Ref.

NOTE: ♦ indicates a change was made since the last publication of this manual.

Filter Group Assembly Drawing & Parts List ♦ 7/08



Ref.	Part No.	Description	Qty
NI	814081	Spring	1
1	817026	Seal	1
2	58901A	Tie, .19 x 8.80"	8
3	815003	Ring	1
4	818079	Tie	1
5	817714	Filter	1
6	817749	Filter Liner, Polyester	1
7	833093	Cage	1

NI = Not Illustrated

NOTE: ♦ indicates a change was made since the last publication of this manual.

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 Electrical Schematic ♦ 7/08

