

Model 900-149-11 MICROVAC PUMP

Lot no. SCC-85722 to

Sym.	Qty.	Part no.	Description
1	1	F-263-477-3	Pump Housing
2	1	C-262-165-7	Flywheel
3	2	C-262-199-1	End Cap
4	2*+	022-2-51	"O" Ring, 4" I.D. x .139 Section (End Cap)
5	2*+	085-38-203	Rotary Oil Seal
6	2+	018-5-6	Lock Nut
7	2+	018-5-7	Lock Washer
8	2+	085-19-247	Ball Bearing, Double Row
9	1+	A-264-305-1	Bearing Shim
10	1+	A-262-196-2	Shaft Shoulder Ring
11	2	D-262-200-1	Side Cover
12	2+	B-247-389-13	Hinge Bar
13	1+	C-247-392-5	Piston & Slide
14	1+	C-247-394-8	Eccentric
15	1+	C-263-211-2	Shaft
16	2+	A-264-522-1	Woodruff Key #15
17	1+	A-264-523-1	Woodruff Key #127
18	1	D-411-052-3	Flywheel Guard
19	1	D-411-051-1	Back Plate Flywheel Guard
20	2	B-287-918-7	Swivel Block
21	1	C-287-917-6	Motor Platform
23	1	B-263-249-4	Eyebolt Base
24	1+	B-263-250-7	Motor Support Eyebolt
27	1	C-262-167-7	Pulley
28	2	085-5-838	Bushing, 1-1/8" Bore
29	1	F-270-042-5	Oil Reservoir
30	1*+	B-264-127-1	Reservoir Cover Gasket

\*Recommended spare part (wear items)

+ Parts normally stocked

See Special Discount Offer Enclosed

**STOKES**

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Sym.	Qty.	Part no.	Description
31	1	B-419-109-11	Oil Reservoir Cover
32	1+	085-36-101	Oil Level Indicator
33	1*+	B-263-475-1	Housing Gasket
33A	1	085-38-301	Gasket Eliminator
34	1	B-264-501-2	Oil Baffle
35	1*+	A-247-381-2	Oil Separator Gasket
36	1 +	B-271-584-4	Valve Assembly Consists of:
36A	1*+	B-416-745-2	Valve Cap
36B	3*+	A-274-172-1	Spring
36C	3*+	A-276-781-2	Valve Clapper
36D	1 +	B-416-744-3	Valve Seat
	2*+	085-19-295	Screw Hex. Head, Cap, 5/16" x 18" x 7/8" Lg.
37	1*+	A-247-404-3	Valve Plate Gasket
38	1*+	085-30-713	Solenoid Valve, 240/480V.
38A	1*+	085-30-950	Solenoid Valve Coil, 240/480V.
38B	1*+	085-30-958	Solenoid Valve Coil, 550V. (when used)
	1	A-400-844-2	Tube Oil Pipe R.H.
	1	A-400-845-2	Tube Oil Pipe L.H.
40	1	085-33-233	Brass Cock, 1/2" MPT
41	1 +	085-21-964	Check Valve, 1/4"
41A	1*	085-24-134	Check Valve Spring
41B	1*	085-24-131	Check Valve "O" Ring (Dynamic)
41C	1*	085-24-132	Check Valve "O" Ring (Static)
41D	1	085-24-133	Check Valve Back-Up Ring (Teflon)
42	1 +	085-21-810	Ball Valve, 1/4"
43	1	D-411-694-1	Belt Guard
44	1	D-411-693-1	Belt Guard Back Plate
45	1	085-12-253	Motor Pulley, 3" P.D., 3 Grooves, 1-1/8" Bore
46	1*+	085-13-615	"V" Belt, 76.3 Pitch Length, Matched Set of 3 Belts
47	1 +	A-417-251-2	Oil Flow Indicator Ass'y. Consists of the following:-
	1 +	085-29-269	Oil Flow Indicator Body
	1 +	085-34-799	Glass Dome (Oil Flow Indicator)
	1*+	085-38-817	Gasket, Buna. N, (1/32" Thk.) (Oil Flow Indicator)
	1*+	085-38-818	Gasket, Viton (1/16" Thk.) (Oil Flow Indicator)
48	1	B-411-692-1	Belt Guard Bracket
49	6	A-408-300-3	Stand-Off

\* Recommended spare part (wear items)

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**STOKES**

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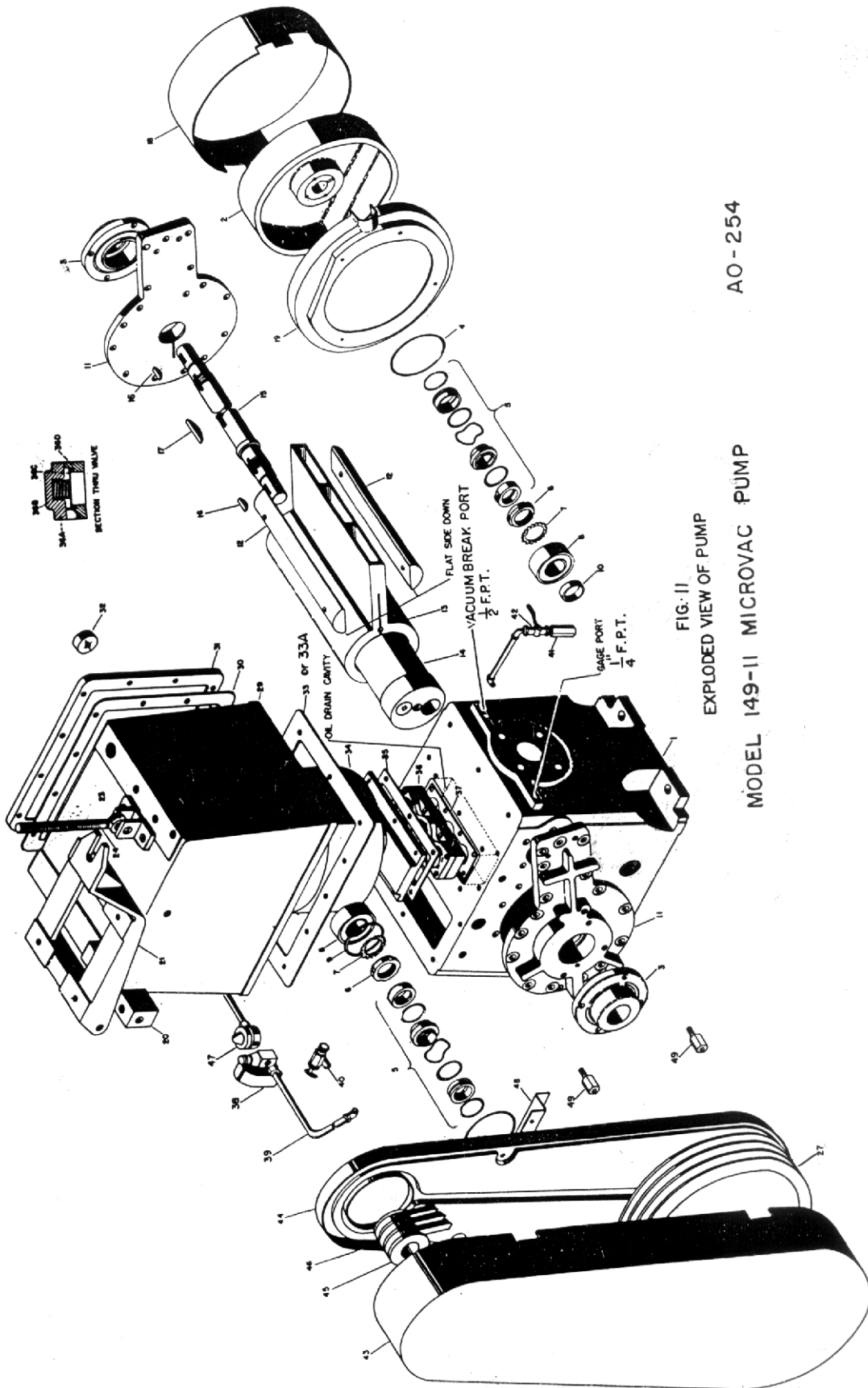
Sym.	Qty.	Part no.	Description
	1*+	254-117-2	Stokes V-Lube Pump Oil, 1 Gal. Can (Label F)
	1*+	285-186-2	Stokes V-Lube Pump Oil, 2 Gal. Can (Label F)
	2	085-21-873	Expansion Plug, 1-7/8" Dia.
	1	085-21-872	Expansion Plug, 1-3/8" Dia.
	2	085-28-686	Sealing Washer, Steel, W/"O" Ring (Eyebolt)
			<u>REFERENCE DRAWING</u>
		A-0-254	Parts Drawing

\* Recommended spare part (wear items)

+ Recommended parts normally stocked

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**STOKES**



AO-254

FIG. II  
EXPLODED VIEW OF PUMP  
MODEL 149-II MICROVAC PUMP

RECOMMENDED REPLACEMENT PARTS KIT

For Model 149-H-11

The following replacement parts kit is recommended for your maintenance inventory to minimize downtime, assure availability of critical parts when maintenance is scheduled and assure you of proper "new equipment" replacement parts when and if emergencies occur.

<u>Quantity</u>	<u>Part Numbers</u>	<u>Description</u>
2	022-2-051	"O" Ring for End Caps
2	<del>085-29-599</del> 085-038-203	Rotary Oil Seal
1	264-127-1	Reservoir Cover Gasket
1	263-475-1	Housing Gasket
1	247-381-2	Oil Separator Gasket
3	274-172-1	Valve Spring
3	276-781-2	Valve Clapper
1	247-404-3	Valve Plate Gasket
1	085-30-950	Solenoid Coil
1	085-24-134	Check Valve Spring
1	085-24-131	Check Valve "O" Ring (Dynamic)
1	085-24-132	Check Valve "O" Ring (Static)
1	085-13-615	"V" Belts - Matched Set of 3
1	085-24-133	Teflon Check Valve Back-Up Ring
2	085-34-729	Pkg. Ring - Oil Flow Indicator

When completing the kit after parts have been used, the following breakdown is offered for your ordering information:

Kit containing all "O" rings, gaskets, valve clapper and springs noted above including Oil Flow Indicator Seals Check Valve Parts -

- 2 Rotary Oil Seals . . . . .
- 1 Solenoid Coil . . . . .
- 1 Matched Set - 3 "V" Belts. . . . .
- 1 Spring and Gasket Kit for Check Valve. . . . .

Instruction Manuals can be ordered with Part Number 085-36-600.