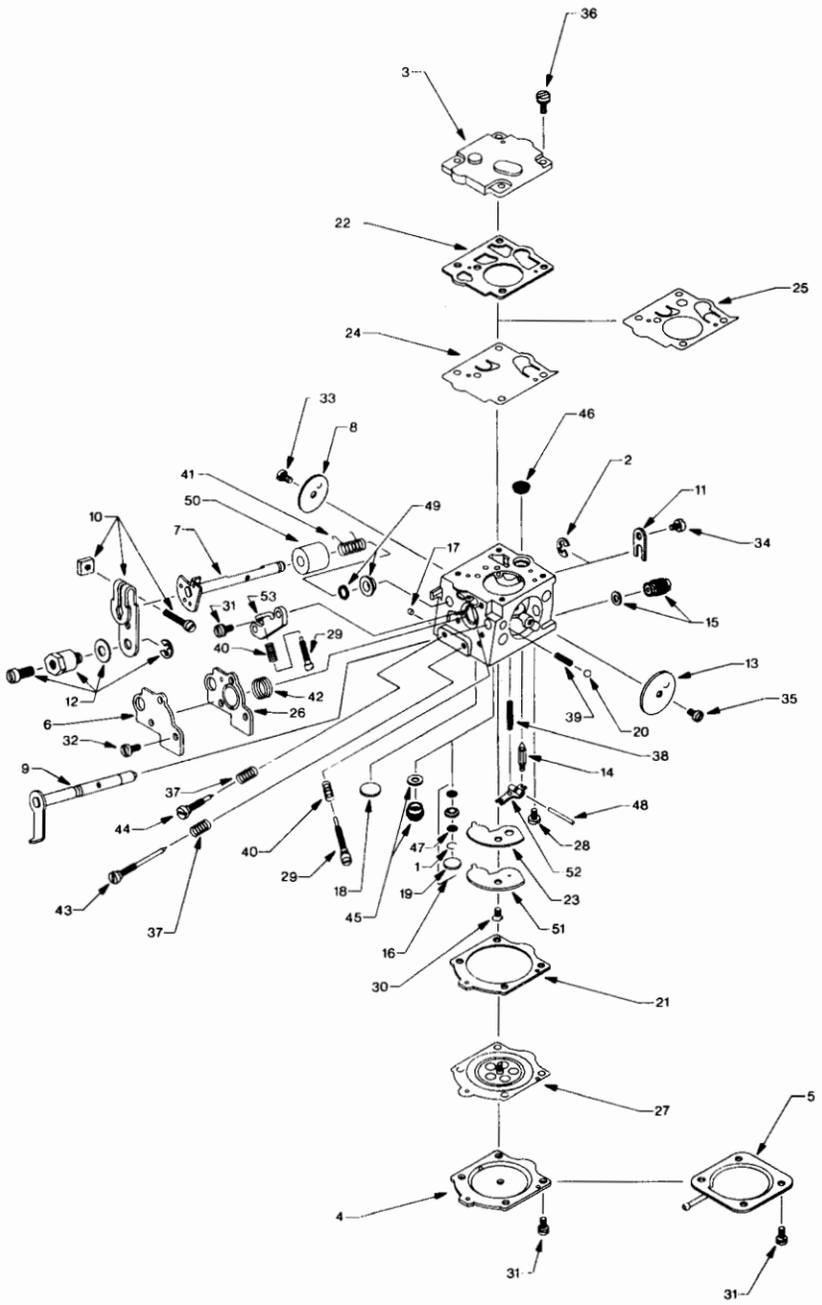
SDC series

diaphragm carburetors

Refer to the illustrations on this page to identify parts listed on the pages that follow. These illustrations are intended to represent carburetor parts in general and may not, in all cases, show the specific part.

Use the part reference number to locate the item you need for your particular carburetor.



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Form No. C-017

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-1	Homelite	A-64196	Chain Saw	XL101,102,103,104
SDC-2	McCulloch	67379	Chain Saw	2-10,3-10,5-10 & 6-10
SDC-3	McCulloch	67876	Chain Saw	2-10,3-10,5-10 & 6-10
SDC-7	McCulloch	68981	Chain Saw	MAC-1S
SDC-8	Homelite	A-65962	Chain Saw	XL12/Auto,Super XL-12/Auto, Super XL,Super XL Auto, Sup. XL-15

Ref. No.	Part Name	SDC-1	SDC-2	SDC-3	SDC-7	SDC-8
	Venturi (mm)	14.27	15.88	15.88	15.88	11.13
	Kit - Repair	K2-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	--	--	--	--
2	Ring-Throt. Shaft Retainer	16-33	--	--	16-33	16-33
3	Cover-Fuel Pump	21-88	21-104	21-104	--	21-114
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-89	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	21-87	--	--	--	--
7	Shaft Ass'y-Throttle	30-626	30-631	30-631	30-635	30-636
8	Shutter - Throttle	34-44	34-46	34-46	34-46	34-46
9	Shaft Assembly-Choke	40-631	40-637	40-637	40-646	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	43-22	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-36	62-36	62-42	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-521	86-521	86-521
17	Plug - Limiting	88-14	--	--	--	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-93	92-93	--	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	--	95-21
25	** Diaphragm-Check Valve	--	95-25	95-25	--	--
26	** Diaphragm-Accelerator Pump	95-44	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	96-159	96-159	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	96-517	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	96-526	96-526	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	--	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-161	98-161	98-161	98-182
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	98-160	--
41	Spring-Throttle Return	98-163	--	--	98-181	98-181
42	Spring-Accelerator Pump	98-164	--	--	--	--
43	Needle-Hi Speed	102-57	102-64	102-62	102-62	102-73
44	Needle - Idle	102-56	102-63	102-63	102-61	102-74
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-49	140-34	140-34	140-49
47	* Screen - Check Valve	140-36	140-37	140-37	140-37	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-9	Homelite	A65963	Chain Saw	700,800,XL901/700/800/800AM/850/900E/VL900EMA
SDC-10	Breton Versatrek	BX0913	C.S.Jigge	
SDC-11	Breton Versatrek	BX0912	Chain Saw	
SDC-12	Homelite	A64196-A	Chain Saw	XL101/102/103/104/XL102 Auto
SDC-13	Homelite	A67087	Chain Saw	XL901

Ref. No.	Part Name	SDC-9	SDC-10	SDC-11	SDC-12	SDC-13
	Venturi (mm)	15.88	17.48	17.48	14.27	15.88
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K2-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D2-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	16-33	16-33	16-33
3	Cover-Fuel Pump	21-114	21-88	21-88	21-114	21-114
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	21-116	--
7	Shaft Ass'y-Throttle	30-636	30-637	30-637	30-626	30-636
8	Shutter - Throttle	34-44	34-46	34-46	34-44	34-44
9	Shaft Assembly-Choke	40-631	40-647	40-647	40-631	40-650
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-36	62-36	62-33	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-521	86-523	86-523
17	Plug - Limiting	88-14	--	--	88-14	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-93	92-93	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	95-44	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	96-159	96-159	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-182	98-161	98-161	98-161	98-182
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	98-160	--	--
41	Spring-Throttle Return	98-181	98-184	98-184	98-181	98-181
42	Spring-Accelerator Pump	--	--	--	98-164	--
43	Needle-Hi Speed	102-75	102-62	102-62	102-57	102-75
44	Needle - Idle	102-76	102-61	102-61	102-56	102-76
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-34	140-34	140-49	140-49
47	* Screen-Check Valve	140-36	140-37	140-37	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-14	Tubesing Corp.	3090	Chain Saw	T-10
SDC-16	McCulloch	83249	Chain Saw	Sup.10-10
SDC-18	McCulloch	89942	Chain Saw	210AV,210,610AV, 710 Super 710
SDC-19	McCulloch	83733	Chain Saw	
SDC-20	McCulloch	83550	Chain Saw	CT-125,SP-125

Ref. No.	Part Name	SDC-14	SDC-16	SDC-18	SDC-19	SDC-20
	Venturi (mm)	15.88	15.88	19.05	19.05	19.05
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	--	--	16-33	16-51
3	Cover-Fuel Pump	21-88	21-104	21-104	21-104	21-576
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-636	30-631	30-631	30-645	30-647
8	Shutter - Throttle	34-46	34-46	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-631	40-637	40-637	40-657	40-659
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-36	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-521	86-521	86-521	86-521	86-521
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/18)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-108	92-93	92-93	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	95-25	95-25	95-25
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	--	--	96-159	96-159
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	98-517	96-517 *	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	98-526	96-526	98-526	96-526
34	Screw-Retainer Clip	--	98-526	96-526	96-526	--
35	Screw-Choke Shutter	96-526	98-526	98-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-161	98-161	98-161	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-194	98-162
40	Spring-Idle Adjust. Screw	--	--	--	98-160	98-160
41	Spring-Throttle Return	98-184	--	98-235	--	98-181
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-HI Speed	102-82	102-79	102-82	102-82	102-91
44	Needle - Idle	102-61	102-80	102-81	102-81	102-81
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-34	140-34	140-34	140-34	140-34
47	* Screen - Check Valve	140-37	140-37	140-37	140-37	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-21	Homelite	A67681	Chain Saw	XL122/123/113/114
SDC-23	Homelite	A65963	Chain Saw	XL913/913M/914M/& 913FP
SDC-24	Solo		Chain Saw	640
SDC-25	Homelite	68115	Chain Saw	XL113/114/112
SDC-26	Homelite	A68112	Chain Saw	XL400AV,XL400Auto FP

Ref. No.	Part Name	SDC-21	SDC-23	SDC-24	SDC-25	SDC-26
	Venturi (mm)	14.27	15.88	19.05	14.27	15.88
	Kit - Repair	K2-SDC	K1-SDC	K1-SDC	K2-SDC	K2-SDC
	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D2-SDC	D2-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	16-51	16-33	16-33
3	Cover-Fuel Pump	21-114	21-88	21-128	21-114	21-142
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	21-116	21-87	--	21-116	21-141
7	Shaft Ass'y-Throttle	30-626	30-626	30-657	30-626	30-664
8	Shutter - Throttle	34-52	34-44	34-51	34-52	34-59
9	Shaft Assembly-Choke	40-631	40-650	40-669	40-648	40-674
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-33	62-46	62-33	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-521	86-523	86-523
17	Plug - Limiting	88-14	88-14	88-14	88-14	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-108	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	--
26	** Diaphragm-Accelerator Pump	95-44	95-44	--	95-44	95-44
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	--	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	96-549	--	--	96-549
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-207	98-182	98-161	98-182
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-181	98-208	98-230	98-181	98-163
42	Spring-Accelerator Pump	98-164	98-164	--	98-164	98-164
43	Needle-Hi Speed	102-57	102-75	102-93	102-57	102-73
44	Needle - Idle	102-56	102-76	102-94	102-56	102-74
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-49	140-34	140-49	140-49
47	* Screen - Check Valve	140-36	140-36	140-37	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-27	Homelite	A67880	Chain Saw	XL923/921/924
SDC-28	Homelite	A68194	Chain Saw	XL400Dom./400Auto/
SDC-29	Homelite	A68371	Chain Saw	XL12
SDC-30	AB Partner	31650	Chain Saw	R30
SDC-31	Homelite	A68402	Chain Saw	XL123

Ref. No.	Part Name	SDC-27	SDC-28	SDC-29	SDC-30	SDC-31
	Venturi (mm)	15.88	15.88	14.27	19.05	14.27
	Kit - Repair	K2-SDC	K2-SDC	K1-SDC	K1-SDC	K2-SDC
	* Kit - Gasket/Diaphragm	D2-SDC	D2-SDC	D1-SDC	D1-SDC	D2-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	16-33	16-51	16-33
3	Cover-Fuel Pump	21-88	21-88	21-114	21-128	21-114
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-145	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	21-87	21-87	--	--	21-116
7	Shaft Ass'y-Throttle	30-626	30-670	30-636	30-669	30-626
8	Shutter - Throttle	34-44	34-52	34-46	34-51	34-52
9	Shaft Assembly-Choke	40-648	40-648	40-631	40-678	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-33	62-33	62-33	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-521	86-523	86-523	86-521	86-523
17	Plug - Limiting	88-14	88-14	88-14	--	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-93	92-108	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	--
26	** Diaphragm-Accelerator Pump	95-44	95-44	--	--	95-44
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	--	96-193	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	96-549	96-517	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-207	98-182	98-182	98-161	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	98-221	--
41	Spring-Throttle Return	98-208	98-163	98-181	98-220	98-181
42	Spring-Accelerator Pump	98-164	98-164	--	--	98-261
43	Needle-Hi Speed	102-75	102-73	102-73	102-62	102-57
44	Needle - Idle	102-76	102-74	102-74	102-61	102-56
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-49	140-49	140-34	140-49
47	* Screen - Check Valve	140-37	140-36	140-36	140-37	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	167-52	--

* Contents in Repair Kit
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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-32	Homelite	A68492	Chain Saw	XL123
SDC-33	Desa		Chain Saw	PL4
SDC-34	Clinton	039-0988-50	Minibike	
SDC-36	Kendick Eng.		Minibike	
SDC-37	McCulloch	85720	Chain Saw	10-10/10A

Ref. No.	Part Name	SDC-32	SDC-33	SDC-34	SDC-36	SDC-37
	Venturi (mm)	14.27	14.27	19.05	19.05	19.05
	Kit - Repair	K5-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	16-51	16-33	--
3	Cover-Fuel Pump	21-114	21-128	21-128	21-88	21-608
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	21-116	--	--	--	--
7	Shaft Ass'y-Throttle	30-626	30-675	30-677	30-687	60-631
8	Shutter - Throttle	34-52	34-46	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-648	40-631	40-684	40-657	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	43-22	43-22
12	Swivel Assembly	--	--	--	52-503	--
13	Shutter - Choke	62-33	62-33	62-36	62-36	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-521	86-521	86-521
17	Plug - Limiting	88-14	88-14	--	--	--
18	* Plug-Welch (Idle 3/8)	--	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	--	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	--	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-108	92-93	92-108
23	** Gasket-Circuit Plate	92-136	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	95-25	95-25	95-25
26	** Diaphragm-Accelerator Pump	95-44	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	96-159	96-159	96-159
30	Screw-Circuit Plate	96-167	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	96-526	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-182	98-182	98-161	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-194	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-181	98-181	98-195	--	98-235
42	Spring-Accelerator Pump	98-164	--	--	--	--
43	Needle-Hi Speed	102-57	102-73	102-73	102-62	102-62
44	Needle - Idle	102-56	102-74	102-61	102-61	102-61
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-49	140-34	140-34	140-34
47	* Screen - Check Valve	140-36	140-36	140-37	140-37	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	157-94	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-37A	McCulloch	85720	Chain Saw	10-10,10-10A
SDC-38	McCulloch	87821	Chain Saw	CP80
SDC-38A	McCulloch	87821	Chain Saw	CP80
SDC-40	Lombard	8-1355	Chain Saw	
SDC-41	Lombard	8-1354	Chain Saw	w/SpdGov

Ref. No.	Part Name	SDC-37A	SDC-38	SDC-38A	SDC-40	SDC-41
	Venturi (mm)	19.05	19.05	19.05	14.27	14.27
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	--	16-33	16-33
3	Cover-Fuel Pump	21-88	21-104	21-88	21-128	21-88
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-631	30-693	30-693	30-636	30-636
8	Shutter - Throttle	34-51	34-51	34-51	34-46	34-46
9	Shaft Assembly-Choke	40-637	40-637	40-637	40-631	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-33	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-532	86-532	86-532	86-532	86-532
17	Plug - Limiting	--	--	--	88-14	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-93	92-93	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	95-25	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	--	96-159	96-159	96-159
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	96-526	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	--	--	--	--	--
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-161	98-161	98-182	98-207
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-235	98-235	98-235	98-181	98-181
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-62	102-110	102-110	102-57	102-57
44	Needle - Idle	102-61	102-111	102-111	102-56	102-56
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-34	140-34	140-34	140-34	140-49
47	* Screen-Check Valve	140-37	140-37	140-37	140-37	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-43	McCulloch	87742	Minibike	49E
SDC-43A	McCulloch	87742	Minibike	49E
SDC-44	McCulloch	87666	Chain Saw	510,7-10A,1010A,ProMac,60
SDC-44A	McCulloch	87666	Chain Saw	510,7-10A,1010A,ProMac,60
SDC-45A	Dolmar	144,150,100	Chain Saw	144

Ref. No.	Part Name	SDC-43	SDC-43A	SDC-44	SDC-44A	SDC-45A
	Venturi (mm)	19.05	19.05	19.05	19.05	19.84
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	--	--	--	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	--	--	16-33
3	Cover-Fuel Pump	21-128	21-88	21-128	21-88	21-128
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-145
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-702	30-702	30-631	30-631	30-889
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-701	40-701	40-637	40-637	40-707
10	Lever - Choke	42-510	42-510	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	43-22	43-22	--
12	Swivel Assembly	52-501	52-501	--	--	--
13	Shutter - Choke	62-46	62-46	62-36	62-36	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	--	--	86-532	86-523	86-523
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	--	--	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-93	92-108	92-93	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	95-25	95-25	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	96-159	--	--	96-193
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	96-526	96-526	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-161	98-161	98-161	98-192
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	98-221
41	Spring-Throttle Return	98-230	98-230	98-235	98-235	98-220
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	--	--	102-125	102-125	102-62
44	Needle - Idle	102-61	102-61	102-124	102-124	102-126
45	Jet-Nozzle Assembly	112-518	112-518	--	--	--
46	* Screen-Fuel Inlet	140-34	140-34	140-34	140-34	140-34
47	* Screen-Check Valve	--	--	140-37	140-38	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	167-52

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Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-46	Dolmar		Chain Saw	
SDC-47	Dolmar	122.150.000	Chain Saw	122
SDC-47A	Dolmar	122.150.000	Chain Saw	122
SDC-48	Homelite	A68371A	Chain Saw	XL12
SDC-49	McCulloch	89324	Chain Saw	ProMac60

Ref. No.	Part Name	SDC-46	SDC-47	SDC-47A	SDC-48	SDC-49
	Venturi (mm)	17.48	19.05	19.05	14.27	19.05
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	--
2	Ring-Throt. Shaft Retainer	16-51	16-51	16-51	16-33	--
3	Cover-Fuel Pump	21-128	21-128	21-128	21-114	21-128
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-657	30-657	30-657	30-636	30-631
8	Shutter - Throttle	34-71	34-51	34-51	34-46	34-51
9	Shaft Assembly-Choke	40-714	40-714	40-714	40-648	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	--	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-46	62-46	62-46	62-33	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly-Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-521	86-523	--
17	Plug - Limiting	--	--	--	88-14	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	--
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-108	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	95-25
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	--	--	--	96-159
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	--	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	--
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-192	98-161	98-161	98-182	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-220	98-220	98-220	98-181	98-235
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-62	102-62	102-62	102-73	--
44	Needle - Idle	102-130	102-61	102-61	102-74	102-121
45	Jet-Nozzle Assembly	--	--	--	--	112-523
46	* Screen-Fuel Inlet	140-49	140-34	140-34	140-49	140-34
47	* Screen-Check Valve	140-36	140-37	140-37	140-36	--
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-46	166-35	166-35
53	Bracket-Idle Ajdust	--	167-52	167-52	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-50	McCulloch	89869	Chain Saw	Sup.Pro.60
SDC-50A	McCulloch	89869	Chain Saw	Sup.Pro.60
SDC-51	McCulloch	89882	Chain Saw	Sup.Pro.81
SDC-51A	McCulloch	89882	Chain Saw	Sup.Pro.81
SDC-51B	McCulloch	89882	Chain Saw	Sup.Pro.81

Ref. No.	Part Name	SDC-50	SDC-50A	SDC-51	SDC-51A	SDC-51B
	Venturi (mm)	19.05	19.05	19.05	19.05	19.05
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	--	--	--	--	--
2	Ring-Throt. Shaft Retainer	--	--	--	--	--
3	Cover-Fuel Pump	21-128	21-128	21-128	21-128	21-88
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-631	30-631	30-631	30-631	30-631
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-637	40-637	40-637	40-637	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	43-22	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-36	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	--	--	--	--	--
17	Plug - Limiting	88-14	88-14	88-14	88-14	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	--	--	--	--	--
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-108	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	95-25	95-25	95-25
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	96-159	--	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	96-526	96-526	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-161	98-161	98-161	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-235	98-235	98-235	98-235	98-235
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	--	--	--	--	--
44	Needle - Idle	102-121	102-121	102-121	102-121	102-121
45	Jet-Nozzle Assembly	112-518	112-519	112-523	112-519	112-519
46	* Screen-Fuel Inlet	140-34	140-34	140-34	140-34	140-34
47	* Screen-Check Valve	--	--	--	--	--
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-52	Echo	123000-1063-0	Chain Saw	100IVL,1001VL
SDC-52B	Echo	123000-1063-1	Chain Saw	100IVL
SDC-53	Pioneer	474592	Chain Saw	P50
SDC-53A	Pioneer	47769	Chain Saw	P50
SDC-53B	Pioneer	475304	Chain Saw	P50

Ref. No.	Part Name	SDC-52	SDC-52B	SDC-53	SDC-53A	SDC-53B
	Venturi (MM)	19.05	19.05	17.48	17.48	17.48
	Kit - Repair	K1-SDC	K4-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D4-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	--	16-51	16-51
3	Cover-Fuel Pump	21-128	21-128	21-128	21-128	21-88
4	Cover-Metering Diaphragm	21-658	21-199	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	21-664	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-764	30-786	30-732	30-732	30-732
8	Shutter - Throttle	34-51	34-51	34-44	34-44	34-44
9	Shaft Assembly-Choke	40-738	40-763	40-722	40-722	40-722
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-36	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	84-516	84-516	84-530
16	Check Valve Assembly	86-551	86-520	86-521	86-532	86-532
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-29	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-108	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-537	95-515	95-515	95-515
28	Screw-Metering Lever Pin	95-156	95-156	95-156	95-156	95-156
29	Screw-Idle Adjustment	96-236	96-236	96-193	96-193	96-193
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	--	--	--
35	Screw-Choke Shutter	96-526	96-564	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-192	98-192	98-207	98-207	98-207
39	Spring-Choke Friction	98-162	98-334	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	98-221	98-221	98-221	98-221	98-221
41	Spring-Throttle Return	98-181	98-181	98-220	98-220	98-220
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-125	102-125	102-62	102-62	102-62
44	Needle - Idle	102-124	102-124	102-126	102-126	102-126
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-34	140-34	140-49	140-49	140-49
47	* Screen-Check Valve	140-36	140-36	140-37	140-37	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	148-54	148-54	148-54
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-46	166-46	166-46
53	Bracket-Idle Ajdust	167-52	167-52	167-64	167-64	167-64

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

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Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-53C	Pioneer	475605	Chain Saw	P42,P51
SDC-53D	Pioneer	476102	Chain Saw	P41,P51
SDC-54	Homelite	A70792	Chain Saw	450
SDC-54A	Homelite	A70792	Chain Saw	450
SDC-54B	Homelite	A70792	Chain Saw	450

Ref. No.	Part Name	SDC-53C	SDC-53D	SDC-54	SDC-54A	SDC-54B
	Venturi (mm)	17.48	17.48	19.84	19.84	19.84
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	--	--	--
2	Ring-Throt. Shaft Retainer	16-51	16-51	--	--	--
3	Cover-Fuel Pump	21-88	21-88	21-648	21-648	21-648
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-732	30-732	30-774	30-774	30-774
8	Shutter - Throttle	34-44	34-172	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-722	40-722	40-723	40-723	40-755
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	43-22	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-46	62-46	62-67
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	84-529	84-529	--	--	--
16	Check Valve Assembly	86-521	86-521	--	--	--
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	86-28	--	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-93	92-108	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-193	96-193	--	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	96-528	96-526	96-526
35	Screw-Choke Shutter	--	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	96-207	98-207	98-192	98-192	98-192
39	Spring-Choke Friction	98-162	98-162	98-182	98-162	98-162
40	Spring-Idle Adjust. Screw	98-221	98-221	--	--	--
41	Spring-Throttle Return	98-220	96-181	98-181	98-181	98-181
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-62	102-62	--	--	--
44	Needle - Idle	102-126	102-126	102-161	102-161	102-161
45	Jet-Nozzle Assembly	--	--	112-519	112-520	112-520
46	* Screen-Fuel Inlet	140-49	140-49	140-49	140-49	140-49
47	* Screen-Check Valve	140-37	140-37	--	--	--
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	148-54	148-54	136-109	--	136-109
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-46	166-48	166-35	166-35	166-35
53	Bracket-Idle Ajdust	167-64	167-64	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

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Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-54C	Homelite	A70792B	Chain Saw	450
SDC-58	McCulloch	91275	Chain Saw	PM55,PM60,7-10A,SP60,SP81X,Pro10-10A
SDC-58A	McCulloch	91275	Chain Saw	PM55,PM60,7-10A,SP60,SP81X,PRO10-10A
SDC-59	FAM Argentina		Chain Saw	Montaniha
SDC-60	Homelite	A70602	Chain Saw	1050

Ref. No.	Part Name	SDC-54C	SDC-58	SDC-58A	SDC-59	SDC-60
	Venturi (mm)	19.84	19.05	19.05	19.05	19.84
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K5-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D2-SDC
1	* Ring-Screen Retainer	--	--	--	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	--	--	16-51
3	Cover-Fuel Pump	21-682	21-128	21-88	21-128	21-114
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-236
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-774	30-631	30-631	30-757	30-762
8	Shutter - Throttle	34-50	34-51	34-51	34-51	34-92
9	Shaft Assembly-Choke	40-755	40-637	40-637	40-733	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-67	62-36	62-36	62-36	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	84-520
16	Check Valve Assembly	--	--	--	86-521	86-520
17	Plug - Limiting	--	--	--	--	88-14
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	--
19	* Plug-Welch (Main 5/16)	88-28	--	--	--	--
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-108	92-93	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	92-136
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	95-25	95-25	95-25	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	96-159	96-159	96-159	96-159
30	Screw-Circuit Plate	--	--	--	--	96-270
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	96-526	96-526	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-192	98-161	98-161	98-161	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-181	98-235	98-235	98-310	98-181
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	--	--	--	102-62	--
44	Needle - Idle	102-161	102-121	102-121	102-61	102-529
45	Jet-Nozzle Assembly	112-520	112-520	112-520	--	--
46	* Screen-Fuel Inlet	140-49	140-34	140-49	140-34	140-49
47	* Screen-Check Valve	--	--	--	140-37	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	136-109	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	157-187
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-61	McCulloch		Chain Saw	SP125C
SDC-62	Homelite	A68371B	Chain Saw	XL12,Super XL
SDC-62A	Homelite	A70757	Chain Saw	450
SDC-63	Homelite	A70757A	Chain Saw	450
SDC-63A	Homelite		Chain Saw	450

Ref. No.	Part Name	SDC-61	SDC-62	SDC-62A	SDC-63	SDC-63A
	Venturi (mm)	19.05	14.27	14.27	19.84	19.84
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	--	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	16-33	16-33	--	--
3	Cover-Fuel Pump	21-657	21-114	21-114	21-648	21-648
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-647	30-636	30-983	30-774	30-774
8	Shutter - Throttle	34-51	34-46	34-46	34-51	34-51
9	Shaft Assembly-Choke	40-659	40-648	40-648	40-723	40-755
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	--	--	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-33	62-33	62-46	62-67
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	--	86-551	86-520	86-520	86-520
17	Plug - Limiting	88-14	88-14	88-14	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	--	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-108	92-108	92-108	92-108
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	--	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-159	--	--	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	--	--	96-526	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-161	98-182	98-182	98-192	98-192
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-181	98-181	98-181	98-181	98-181
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	--	102-73	102-73	102-125	102-125
44	Needle - Idle	102-121	102-74	102-74	102-61	102-61
45	Jet-Nozzle Assembly	112-523	--	--	--	--
46	* Screen-Fuel Inlet	140-34	140-49	140-49	140-49	140-49
47	* Screen-Check Valve	--	140-36	140-36	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	136-109	136-109
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-64	Homelite		Chain Saw	450
SDC-65	McCulloch	92654	Chain Saw	1010-A
SDC-66	Homelite	A93707	Chain Saw	550
SDC-66A	Homelite	A93964	Chain Saw	550
SDC-67A	Roper	588J	Chain Saw	CJD SearsSaw

Ref. No.	Part Name	SDC-64	SDC-65	SDC-66	SDC-66A	SDC-67A
	Venturi (mm)	19.84	19.05	19.84	19.84	14.27
	Kit - Repair	K1-SDC	K1-SDC	K3-SDC	K1-SDC	K2-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D2-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	--	--	16-33
3	Cover-Fuel Pump	21-648	21-88	21-648	21-648	21-88
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	21-116
7	Shaft Ass'y-Throttle	30-774	30-631	30-774	30-774	30-808
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-44
9	Shaft Assembly-Choke	40-723	40-637	40-755	40-755	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-46	62-36	62-67	62-67	62-42
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	86-520	86-532	86-523	86-520	86-523
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-108	92-93	92-108	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	95-25	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	95-44
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	96-159	--	--	96-265
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	96-526	96-526	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-192	98-161	98-311	98-192	98-182
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	--	98-160	--	--	--
41	Spring-Throttle Return	98-181	98-235	98-181	98-181	98-163
42	Spring-Accelerator Pump	--	--	--	--	98-261
43	Needle-Hi Speed	102-125	102-187	102-125	102-125	--
44	Needle - Idle	102-161	102-186	102-161	102-161	102-56
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-34	140-49	140-49	140-49
47	* Screen-Check Valve	140-36	140-37	140-36	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	136-109	--	136-109	136-109	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Adjust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-68	Jacobsen	124077	SnwBlower	J-501
SDC-68A	Jacobsen	124077	SnwBlower	J-501
SDC-69	Homelite	A93964A	Chain Saw	550
SDC-69A	Homelite	A93964B	Chain Saw	550
SDC-70	Echo	123000-1243-0	Chain Saw	602VL.EVL,702VL.EVL,803VL.EVL,750EVL

Ref. No.	Part Name	SDC-68	SDC-68A	SDC-69	SDC-69A	SDC-70
	Venturi (mm)	14.27	19.05	19.84	19.84	17.48
	Kit - Repair	K3-SDC	K3-SDC	K3-SDC	K3-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D3-SDC	D3-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	16-33	16-33	--	--	--
3	Cover-Fuel Pump	21-88	21-88	21-648	21-682	21-88
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-812	30-812	30-774	30-774	30-831
8	Shutter - Throttle	34-111	34-111	34-51	34-51	34-51
9	Shaft Assembly-Choke	40-775	40-775	40-755	40-755	40-779
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	43-22	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-33	62-67	62-67	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-523	86-523	86-521
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-13	89-13	89-13	89-13	89-29
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-207	92-207	92-108	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	95-25
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	--	--	--
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	96-526	96-526	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-182	98-182	98-320	98-320	98-161
39	Spring-Choke Friction	98-162	98-162	98-162	98-162	98-334
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	--	--	98-181	98-181	98-359
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-73	102-73	102-125	102-125	102-217
44	Needle - Idle	102-74	102-74	102-161	102-161	102-216
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-49	140-49	140-49	140-49	140-34
47	* Screen-Check Valve	140-36	140-36	140-36	140-36	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	136-109	136-109	--
50	Seal-Throttle Shaft	156-18	156-18	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-70A	Echo	123000-1243-1	Chain Saw	803 EVL
SDC-71	Homelite		Chain Saw	DM-50
SDC-73	Roper	829J	Chain Saw	
SDC-74	Homelite	A70602A	Chain Saw	1050, 1130
SDC-75	Echo	123000-1006-0	SnowBike	SBE-80

Ref. No.	Part Name	SDC-70A	SDC-71	SDC-73	SDC-74	SDC-75
	Venturi (mm)	17.48	19.84	14.27	19.84	17.48
	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K5-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D2-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	--	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	16-33	16-51	--
3	Cover-Fuel Pump	21-88	21-682	21-88	21-114	21-68
4	Cover-Metering Diaphragm	21-112	21-112	--	--	--
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	21-116	--	--
7	Shaft Ass'y-Throttle	30-831	30-774	30-834	30-762	30-831
8	Shutter - Throttle	34-51	34-51	34-116	34-92	34-52
9	Shaft Assembly-Choke	40-779	40-755	40-781	40-648	40-779
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-22	43-22	--	--	43-24
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-67	62-33	62-33	62-36
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	--	--	--	--	--
16	Check Valve Assembly	86-521	--	86-523	86-520	86-551
17	Plug - Limiting	--	--	--	88-14	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	--	88-23
19	* Plug-Welch (Main 5/16)	88-28	--	--	--	88-28
20	Ball-Choke Friction	89-29	89-13	89-13	89-13	89-29
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-108	92-93	92-108	92-93
23	** Gasket-Circuit Plate	--	--	--	92-136	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	--	--	--	95-25
26	** Diaphragm-Accelerator Pump	--	--	95-44	--	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	--	--	--	96-159	--
30	Screw-Circuit Plate	--	--	--	96-245	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	96-517	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	--	--	96-526
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-160	98-160	98-160
38	* Spring-Metering Lever	98-192	98-192	98-207	98-299	98-182
39	Spring-Choke Friction	98-334	98-162	98-162	98-162	98-334
40	Spring-Idle Adjust. Screw	--	--	--	--	--
41	Spring-Throttle Return	98-359	98-181	98-163	98-181	98-359
42	Spring-Accelerator Pump	--	--	98-261	--	--
43	Needle-Hi Speed	102-217	--	--	--	102-219
44	Needle - Idle	102-216	102-161	102-222	102-529	102-235
45	Jet-Nozzle Assembly	--	112-521	--	--	--
46	* Screen-Fuel Inlet	140-34	140-49	140-49	140-49	140-49
47	* Screen-Check Valve	140-37	--	140-36	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	136-109	--	136-109	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	157-229	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	--	--	--	--	--

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Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-76	Echo	123000-1063-3	Chain Saw	100 IVL
SDC-77	Echo	123000-1473-0	Chain Saw	900 EVL
SDC-78	Maruzen			MA-120,ML-150
SDC-78A	Maruzen			MA-120,ML-150
SDC-79	Pioneer	475615	Farm Saw	Multimot-100

Ref. No.	Part Name	SDC-76	SDC-77	SDC-78	SDC-78A	SDC-79
	Venturi (mm)	17.48	19.05	14.27	14.27	9.53
	Kit - Repair	K4-SDC	K4-SDC	K1-SDC	K1-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D4-SDC	D4-SDC	D1-SDC	D1-SDC	D1-SDC
1	* Ring-Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring-Throt. Shaft Retainer	--	--	16-51	16-51	16-51
3	Cover-Fuel Pump	21-88	21-721	21-88	21-88	21-88
4	Cover-Metering Diaphragm	21-199	21-199	21-112	21-112	21-112
5	Cover - Metering Diaph.	21-664	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Ass'y-Throttle	30-786	30-890	30-732	30-732	30-732
8	Shutter - Throttle	34-51	34-92	34-46	34-46	34-52
9	Shaft Assembly-Choke	40-763	40-800	40-816	40-684	40-722
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	43-24	43-22	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-46	62-88	62-33
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	84-536	--	--	--	84-530
16	Check Valve Assembly	86-534	86-534	86-551	86-551	86-532
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball-Choke Friction	89-29	89-29	89-29	89-29	89-29
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-93	92-93	92-93	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	95-25	95-25	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y-Metering	95-537	95-537	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-236	--	96-269	96-269	96-236
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	--	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	96-526	96-526	--	--	--
35	Screw-Choke Shutter	96-564	96-564	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-160	98-405	98-405	98-160
38	* Spring-Metering Lever	98-320	98-192	98-161	98-161	98-207
39	Spring-Choke Friction	98-334	98-334	98-334	98-334	98-162
40	Spring-Idle Adjust. Screw	98-221	--	98-221	98-221	98-221
41	Spring-Throttle Return	98-390	98-390	98-181	98-181	98-220
42	Spring-Accelerator Pump	--	--	--	--	--
43	Needle-Hi Speed	102-125	102-125	102-62	102-62	102-62
44	Needle - Idle	102-124	102-124	102-130	102-130	102-126
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-70	140-70	140-33	140-33	140-33
47	* Screen-Check Valve	140-69	140-69	140-36	140-36	140-37
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	--	--	--	--	148-54
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-35	166-35	166-35	166-35	166-46
53	Bracket-Idle Ajdust	167-52	--	167-64	167-64	167-64

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-79A	Pioneer	475615	Farm Saw	Multimot-100
SDC-80	Pioneer	475719	Chain Saw	P-61
SDC-81	Homelite		Chain Saw	V1-130
SDC-81A	Homelite		Chain Saw	V1-130
SDC-82	Homelite-Terry		Chain Saw	Sup.XL,922,925

Ref. No.	Part Name	SDC-79A	SDC-80	SDC-81	SDC-81A	SDC-82
	Venturi (mm)	9.53	19.05	15.09	15.05	17.53
	Kit - Repair	K1-SDC	K1-SDC	K2-SDC	K2-SDC	K1-SDC
	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D2-SDC	D2-SDC	D1-SDC
1	* Ring-Screen Retainer	--	--	16-42	16-42	--
2	Ring-Throt. Shaft Retainer	16-51	16-51	16-33	16-33	16-33
3	Cover-Fuel Pump	21-88	21-88	21-88	21-88	21-88
4	Cover-Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaph.	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	21-116	21-116	--
7	Shaft Ass'y-Throttle	30-732	30-732	30-626	30-626	30-636
8	Shutter - Throttle	34-162	34-46	34-52	34-52	34-170
9	Shaft Assembly-Choke	40-722	40-684	40-648	40-648	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip-Throttle Shaft	--	--	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-33	62-33	62-33	62-42
14	* Valve-Inlet Needle	82-26	82-26	82-26	82-26	82-26
15	Seat Assembly - Governor	84-530	--	84-520	84-520	84-530
16	Check Valve Assembly	86-532	86-532	86-523	86-523	86-523
17	Plug - Limiting	--	--	--	--	--
18	* Plug-Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug-Welch (Main 5/16)	88-28	88-28	88-28	88-28	--
20	Ball-Choke Friction	89-29	89-29	89-13	89-13	89-13
21	** Gasket-Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket-Fuel Pump	92-93	92-93	92-93	92-93	92-93
23	** Gasket-Circuit Plate	--	--	--	--	--
24	** Diaphragm-Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm-Check Valve	--	--	--	--	--
26	** Diaphragm-Accelerator Pump	--	--	95-44	95-44	--
27	** Diaphragm Ass'y-Metering	95-515	95-515	95-515	95-515	95-515
28	Screw-Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw-Idle Adjustment	96-193	96-236	96-265	96-265	96-159
30	Screw-Circuit Plate	--	--	--	--	--
31	Screw-Diaphragm Cover(4)	96-517	96-517	96-517	96-517	96-517
32	Screw-Accelerator Pump(3)	--	--	96-517	--	--
33	Screw-Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw-Retainer Clip	--	--	96-526	--	--
35	Screw-Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw-Fuel Pump Cover(4)	96-543	96-543	96-543	96-543	96-543
37	Spring-Hi & Idle Needle(2)	98-160	98-405	98-160	98-160	98-160
38	* Spring-Metering Lever	98-207	98-161	98-161	98-161	98-161
39	Spring-Choke Friction	98-162	98-334	98-162	98-162	98-162
40	Spring-Idle Adjust. Screw	98-221	98-221	--	--	--
41	Spring-Throttle Return	98-220	98-181	98-163	98-163	98-181
42	Spring-Accelerator Pump	--	--	98-164	98-164	--
43	Needle-Hi Speed	102-62	102-62	102-345	102-345	102-348
44	Needle - Idle	102-126	102-130	102-344	102-344	102-349
45	Jet-Nozzle Assembly	--	--	--	--	--
46	* Screen-Fuel Inlet	140-33	140-33	140-33	140-33	140-33
47	* Screen-Check Valve	140-37	140-37	140-36	140-36	140-36
48	Pin-Metering Lever	144-60	144-60	144-60	144-60	144-60
49	Bushing-Throttle Spring	148-54	--	--	--	--
50	Seal-Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-46	166-35	166-35	166-35	166-35
53	Bracket-Idle Ajdust	167-64	167-64	--	--	--

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

Printed in U.S.A. - (2-85)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Carburetor	Customer	Customer No.	Equipment	Model
SDC-83	Fuji Robin		Chain Saw	EC-10
SDC-84	Echo		Chain Saw	CS-1100VL

Ref. No.	Part Name	SDC-83	SDC-84			
	Venturi (mm)	17.53	17.53			
	Kit - Repair	K1-SDC	K4-SDC			
	* Kit - Gasket/Diaphragm	D1-SDC	D4-SDC			
1	* Ring-Screen Retainer	16-42	16-42			
2	Ring-Throt. Shaft Retainer	--	--			
3	Cover-Fuel Pump	21-801	21-807			
4	Cover-Metering Diaphragm	21-112	21-199			
5	Cover - Metering Diaph.	--	--			
6	Cover - Accelerator Pump	--	--			
7	Shaft Ass'y-Throttle	30-989	30-996			
8	Shutter - Throttle	34-62	34-92			
9	Shaft Assembly-Choke	40-850	40-856			
10	Lever - Choke	--	--			
11	Clip-Throttle Shaft	43-22	43-22			
12	Swivel Assembly	--	--			
13	Shutter - Choke	62-107	62-33			
14	* Valve-Inlet Needle	82-26	82-26			
15	Seat Assembly - Governor	--	--			
16	Check Valve Assembly	86-551	84-533			
17	Plug - Limiting	--	--			
18	* Plug-Welch (Idle 3/8)	88-23	88-23			
19	* Plug-Welch (Main 5/16)	88-28	88-28			
20	Ball-Choke Friction	89-29	89-29			
21	** Gasket-Metering Diaphragm	92-94	92-94			
22	** Gasket-Fuel Pump	92-93	92-93			
23	** Gasket-Circuit Plate	--	--			
24	** Diaphragm-Fuel Pump	95-21	95-21			
25	** Diaphragm-Check Valve	95-25	95-25			
26	** Diaphragm-AcceleratorPump	--	--			
27	** Diaphragm Ass'y-Metering	95-515	95-537			
28	Screw-Metering Lever Pin	96-156	96-156			
29	Screw-Idle Adjustment	96-159	--			
30	Screw-Circuit Plate	--	--			
31	Screw-Diaphragm Cover (4)	96-589	96-589			
32	Screw-Accelerator Pump (3)	--	--			
33	Screw-Throttle Shutter	96-589	96-526			
34	Screw-Retainer Clip	--	--			
35	Screw-Choke Shutter	96-589	--			
36	Screw-Fuel Pump Cover (4)	96-543	96-543			
37	Spring-Hi & Idle Needle (2)	98-3020	98-160			
38	* Spring-Metering Lever	98-182	98-192			
39	Spring-Choke Friction	98-334	98-334			
40	Spring-Idle Adjust. Screw	98-160	--			
41	Spring-Throttle Return	--	98-359			
42	Spring-Accelerator Pump	--	--			
43	Needle-Hi Speed	102-382	102-217			
44	Needle - Idle	102-381	102-394			
45	Jet-Nozzle Assembly	--	--			
46	* Screen-Fuel Inlet	140-33	140-70			
47	* Screen-Check Valve	140-36	--			
48	Pin-Metering Lever	144-60	144-60			
49	Bushing-Throttle Spring	--	--			
50	Seal-Throttle Shaft	--	--			
51	Plate - Circuit	--	--			
52	* Lever - Metering	166-35	166-35			
53	Bracket-Idle Ajdust	--	--			

* Contents in Repair Kit
** Contents in Gasket/Diaph. Kit

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APPLICATION CROSS REFERENCE

Carburetor	Customer	Customer No.	Equipment	Model
		SDC CUSTOMER REFERENCE		
SDC-1	Homelite	A-64196	Chain Saw	XL101,102,103,104
SDC-2	McCulloch	67379	Chain Saw	2-10,3-10,5-10 & 6-10
SDC-3	McCulloch	67876	Chain Saw	2-10,3-10,5-10 & 6-10
SDC-7	McCulloch	68981	Chain Saw	MAC-1S
SDC-8	Homelite	A-65962	Chain Saw	XL12/Auto,SuperXL-12/Auto,
SDC-9	Homelite	A-65963	Chain Saw	700,800, XL901/700/800/ 800 AM/850/900E/VL900EMA
SDC-10	Breton Versatrek	BX0913	C.S.Jigger	
SDC-11	Breton Versatrek	BX0912	Chain Saw	
SDC-12	Homelite	A-64196-A	Chain Saw	XL101/102/103/104/XL102Auto
SDC-13	Homelite	A-67087	Chain Saw	XL901
SDC-14	Tubesing Corp.	3090	Chain Saw	T-10
SDC-16	McCulloch	83249	Chain Saw	Sup.10-10
SDC-18	McCulloch	69942	Chain Saw	210AV,210,610AV,710 Super 710
SDC-19	McCulloch	83733	Chain Saw	
SDC-20	McCulloch	83550	Chain Saw	CT-125, SP-125
SDC-21	Homelite	A-67681	Chain Saw	XL122/123/113/114
SDC-23	Homelite	A-65963	Chain Saw	XL913/913M/914M/& 913FP
SDC-24	Solo	-----	Chain Saw	640
SDC-25	Homelite	68115	Chain Saw	XL113/114/112
SDC-26	Homelite	A-68112	Chain Saw	XL400AV, XL400Auto FP
SDC-27	Homelite	A-67[illegible]0	Chain Saw	XL923/921/924
SDC-28	Homelite	A-68[illegible]34	Chain Saw	XL400Dom./400Auto/400AutoFP
SDC-29	Homelite	A-68[illegible]71	Chain Saw	XL12
SDC-30	Partner	31650	Chain Saw	R30
SDC-31	Homelite	A-68402	Chain Saw	XL123
SDC-32	Homelite	A-68492	Chain Saw	XL123
SDC-33	Desa	-----	Chain Saw	PL4
SDC-34	Clinton	039-0988-50	Minibike	
SDC-36	Kendick Eng.	-----	Minibike	
SDC-37	McCulloch	85720	Chain Saw	10-10/10A
SDC-37A	McCulloch	85720	Chain Saw	10-10,10-10A
SDC-38	McCulloch	87821	Chain Saw	CP80
SDC-38A	McCulloch	87821	Chain Saw	CP80
SDC-40	Lombard	8-1355	Chain Saw	
SDC-41	Lombard	8-1354	Chain Saw	w/SpdGov
SDC-43	McCulloch	87742	Minibike	49E
SDC-43A	McCulloch	87742	Minibike	49E
SDC-44	McCulloch	87666	Chain Saw	510,7-10A,1010A,ProMac60
SDC-44A	McCulloch	87666	Chain Saw	510,7-10A,1010A,ProMac60
SDC-45A	Sachs-Dolmar	144.150.100.0	Chain Saw	144
SDC-46	Sachs-Dolmar	-----	Chain Saw	
SDC-47A	Sachs-Dolmar	122.150.000.0	Chain Saw	122
SDC-48	Homelite	A-68371-A	Chain Saw	XL12
SDC-49	McCulloch	89324	Chain Saw	ProMac60
SDC-50A	McCulloch	89869	Chain Saw	Sup.Pro.60
SDC-51A	McCulloch	89882	Chain Saw	Sup.Pro.81
SDC-51B	McCulloch	89882	Chain Saw	Sup.Pro.81
SDC-52	Echo	123000-1063-0	Chain Saw	100IVL,1001VL
SDC-52B	Echo	123000-1063-1	Chain Saw	100IVL
SDC-53A	Pioneer	47789	Chain Saw	P50

Courtesy Of: ParkinLube.com

APPLICATION CROSS REFERENCE

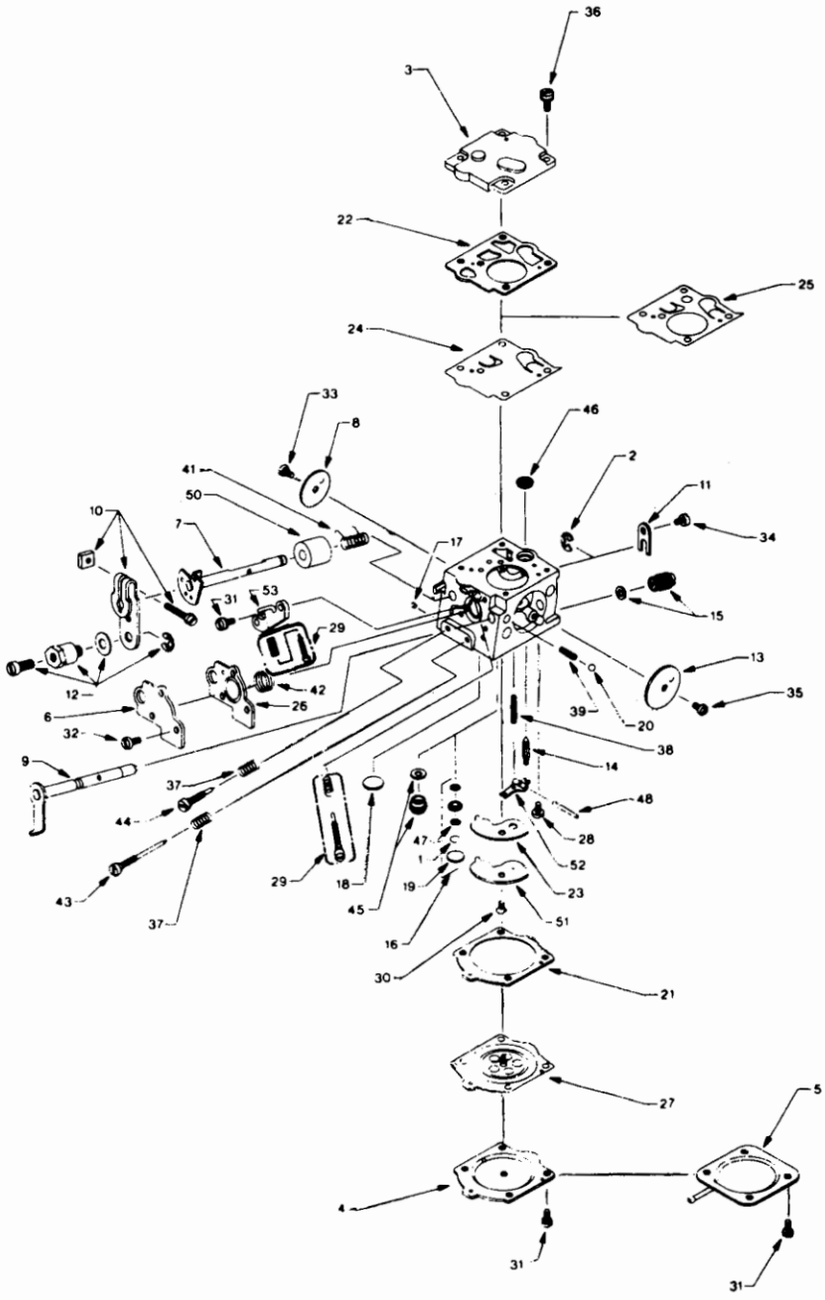
Carburetor	Customer	Customer No.	Equipment	Model
		SDC CUSTOMER REFERENCE		
SDC-53C	Pioneer	475605	Chain Saw	P42,P51
SDC-53D	Pioneer	476102	Chain Saw	P41,P51
SDC-54C	Homelite	A-70792-B	Chain Saw	450
SDC-58	McCulloch	91275	Chain Saw	PM55,PM60,7-10A,SP60,SP81X,Pro10-10A
SDC-58A	McCulloch	91275	Chain Saw	PM55,PM60,7-10A,SP60,SP81X,Pro10-10A
SDC-59	FAM Argentina	-----	Chain Saw	Montaniha
SDC-60	Homelite	A-70602	Chain Saw	1050
SDC-61	McCulloch	N/A	Chain Saw	SP125C
SDC-62	Homelite	A-68371-B	Chain Saw	XL12,Super XL
SDC-62A	Homelite	A-70757	Chain Saw	450
SDC-63A	Homelite	A-70757-A	Chain Saw	450
SDC-64	Homelite	-----	Chain Saw	450
SDC-65	McCulloch	92654	Chain Saw	1010-A
SDC-66A	Homelite	A-93964	Chain Saw	550
SDC-67A	Roper	588J	Chain Saw	CJD Sears Saw
SDC-68A	Jacobsen	124077	SnwBlower	J-501
SDC-69A	Homelite	A-93964-B	Chain Saw	550
SDC-70A	Echo	123000-1243-1	Chain Saw	803 EVL
SDC-71	Homelite	A-46938	Chain Saw	DM-50
SDC-73	Roper	829J	Chain Saw	
SDC-74	Homelite	A-70602-A	Chain Saw	1050, 1130
SDC-75	Echo	123000-1006-0	SnowBike	SBF-80
SDC-76	Echo	123000-1063-3	Chain Saw	100 IVL
SDC-77	Echo	123000-1473-0	Chain Saw	900 EVL
SDC-78A	Maruzen	-----	Drill/Breaker	MA-120, ML-150
SDC-78B	Maruzen	1034-031	Drill/Breaker	MA-120, ML-150
SDC-79	Pioneer	475615	Farm Saw	Multimot-100
SDC-79A	Pioneer	475615	Farm Saw	Multimot-100
SDC-80	Pioneer	475719	Chain Saw	P-61
SDC-81A	Homelite	A-79202	Chain Saw	V1-130
SDC-82	Homelite	-----	Chain Saw	Sup.XL, 922,925
SDC-83	Fuji Robin	106-62561-00	Chain Saw	EC-10
SDC-84B	Echo	123000-1643-1	Chain Saw	CS-1100VL
SDC-85	McCulloch	218616	Chain Saw	DbleEagle 80
SDC-86	Fuji Heavy Industry	106-62562-00	Digger	EC-10
SDC-87	Homelite	-----	Chain Saw	Super XL-AO
SDC-88	McCulloch	322824	Chain Saw	510,7-10A,1010A,ProMac60
SDC-89	McCulloch	322825	Chain Saw	CP80

Courtesy Of: ParkinLube.com

SDC series
diaphragm carburetors

Refer to the illustrations on this page to identify parts listed on the pages that follow. These illustrations are intended to represent carburetor parts in general and may not, in all cases, show the specific part.

Use the part reference number to locate the item you need for your particular carburetor.



Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-1	McCulloch SDC-2	McCulloch SDC-3	McCulloch SDC-7	Homelite SDC-8
	Venturi (mm)	15.06	15.88	15.88	15.88	14.27
old	Kit - Repair	K2-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	--	--	--	--
2	Ring - Throttle Shaft Retainer	16-33	--	--	16-33	16-33
3	Cover - Fuel Pump	21-88	21-104	21-104	--	21-114
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-89	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	21-87	--	--	--	--
7	Shaft Assembly - Throttle	30-626	30-631	30-631	30-635	30-636
8	Shutter - Throttle	34-44	34-46	34-46	34-46	34-46
9	Shaft Assembly - Choke	40-631	40-637	40-637	40-646	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	43-22	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-36	62-36	62-42	62-33
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-521	86-521	86-521
17	Plug - Limiting	88-14	--	--	--	88-14
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-93	92-93	--	92-108
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	--	95-21
25	**Diaphragm - Check Valve	--	95-25	95-25	--	--
26	**Diaphragm - Accelerator Pump	95-44	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	96-159	96-607	--
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	96-589	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	96-526	96-526	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	--	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-161	98-161	98-182
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-163	--	--	98-181	98-181
42	Spring - Accelerator Pump	98-164	--	--	--	--
43	Needle - Hi Speed	102-57	102-64	102-62	102-62	102-73
44	Needle - Idle	102-56	102-63	102-63	102-61	102-74
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-37	140-37	140-37	140-37
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-9	Versatrek SDC-10	Versatrek SDC-11	Homelite SDC-12	Homelite SDC-13
	Venturi (mm)	15.88	17.48	17.48	14.27	15.88
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K2-SDC	K1-SDC
old	*Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D2-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	*Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	*Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	16-33	16-33	16-33	16-33
3	Cover - Fuel Pump	21-114	21-88	21-88	21-114	21-114
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	21-116	--
7	Shaft Assembly - Throttle	30-636	30-637	30-637	30-626	30-636
8	Shutter - Throttle	34-44	34-46	34-46	34-44	34-44
9	Shaft Assembly - Choke	40-631	40-647	40-647	40-631	40-650
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-36	62-36	62-33	62-33
14	*Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-521	86-523	86-523
17	Plug - Limiting	88-14	--	--	88-14	88-14
18	*Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	*Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-93	92-93	92-108	92-108
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	--	--	--	--
26	**Diaphragm - Accelerator Pump	--	--	--	95-44	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	96-159	96-607	--	--
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-182	98-161	98-161	98-161	98-182
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-181	98-184	98-184	98-181	98-181
42	Spring - Accelerator Pump	--	--	--	98-164	--
43	Needle - Hi Speed	102-75	102-62	102-62	102-57	102-75
44	Needle - Idle	102-76	102-61	102-61	102-56	102-76
45	Jet - Nozzle Assembly	--	--	--	--	--
46	*Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	*Screen - Check Valve	140-69	140-37	140-37	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	*Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Tubesing SDC-14	McCulloch SDC-16	McCulloch SDC-18	McCulloch SDC-19	McCulloch SDC-20
	Venturi (mm)	15.88	15.88	19.05	19.05	19.05
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	--	--	16-33	16-51
3	Cover - Fuel Pump	21-88	21-104	21-104	21-104	21-576
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-636	30-631	30-631	30-645	30-647
8	Shutter - Throttle	34-46	34-46	34-51	34-51	34-51
9	Shaft Assembly - Choke	40-631	40-637	40-637	40-657	40-659
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-36	62-36
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-521	86-521	86-521	86-521	86-521
17	Plug - Limiting	--	--	--	--	--
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-108	92-93	92-93	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	95-25	95-25	95-25	95-25	95-25
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	--	--	96-607	96-607
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	96-526	96-526	96-526	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-161	98-161	98-161
39	Spring - Choke Friction	98-162	98-162	98-162	98-194	98-162
41	Spring - Throttle Return	98-184	--	98-235	--	98-181
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-62	102-79	102-62	102-62	102-91
44	Needle - Idle	102-61	102-80	102-61	102-61	102-61
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-37	140-37	140-37	140-37	140-37
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-21	Homelite SDC-23	Solo SDC-24	Homelite SDC-25	Homelite SDC-26
	Venturi (mm)	14.27	15.88	19.05	14.27	15.88
old	Kit - Repair	K2-SDC	K1-SDC	K1-SDC	K2-SDC	K2-SDC
old	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D2-SDC	D2-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	16-33	16-51	16-33	16-33
3	Cover - Fuel Pump	21-114	21-88	21-128	21-114	21-142
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	21-116	21-87	--	21-116	21-141
7	Shaft Assembly - Throttle	30-626	30-626	30-657	30-626	30-664
8	Shutter - Throttle	34-52	34-44	34-51	34-52	34-59
9	Shaft Assembly - Choke	40-631	40-650	40-669	40-648	40-674
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-33	62-46	62-33	62-33
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-521	86-523	86-523
17	Plug - Limiting	88-14	88-14	88-14	88-14	88-14
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-108	92-108	92-108	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	--	--	--	--
26	**Diaphragm - Accelerator Pump	95-44	95-44	--	95-44	95-44
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	--	--	--
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	96-549	--	--	96-549
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-207	98-182	98-161	98-182
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-181	98-208	98-230	98-181	98-163
42	Spring - Accelerator Pump	98-164	98-164	--	98-164	98-164
43	Needle - Hi Speed	102-57	102-75	102-93	102-57	102-73
44	Needle - Idle	102-56	102-76	102-94	102-56	102-74
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-69	140-37	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-27	Homelite SDC-28	Homelite SDC-29	Partner SDC-30	Homelite SDC-31
	Venturi (mm)	15.88	15.88	14.27	19.05	14.27
old	Kit - Repair	K2-SDC	K2-SDC	K1-SDC	K1-SDC	K2-SDC
old	* Kit - Gasket/Diaphragm	D2-SDC	D2-SDC	D1-SDC	D1-SDC	D2-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	16-33	16-33	16-51	16-33
3	Cover - Fuel Pump	21-88	21-88	21-114	21-128	21-114
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-145	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	21-87	21-87	--	--	21-116
7	Shaft Assembly - Throttle	30-626	30-670	30-636	30-669	30-626
8	Shutter - Throttle	34-44	34-52	34-46	34-51	34-52
9	Shaft Assembly - Choke	40-648	40-648	40-631	40-678	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-33	62-33	62-33	62-33
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-521	86-523	86-523	86-521	86-523
17	Plug - Limiting	88-14	88-14	88-14	--	88-14
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket - Fuel Pump	92-108	92-93	92-108	92-108	92-108
23	** Gasket - Circuit Plate	--	--	--	--	--
24	** Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm - Check Valve	--	--	--	--	--
26	** Diaphragm - Accelerator Pump	95-44	95-44	--	--	95-44
27	** Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	--	96-608	--
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	96-549	96-589	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-207	98-182	98-182	98-161	98-161
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-208	98-163	98-181	98-220	98-181
42	Spring - Accelerator Pump	98-164	98-164	--	--	98-261
43	Needle - Hi Speed	102-75	102-73	102-73	102-62	102-57
44	Needle - Idle	102-76	102-74	102-74	102-61	102-56
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-37	140-69	140-69	140-37	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	167-52	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-32	Desa SDC-33	Clinton SDC-34	Kendick SDC-36	McCulloch SDC-37
	Venturi (mm)	14.27	14.27	19.05	19.05	19.05
old	Kit - Repair	K5-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	16-33	16-51	16-33	--
3	Cover - Fuel Pump	21-114	21-128	21-128	21-88	21-608
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	21-116	--	--	--	--
7	Shaft Assembly - Throttle	30-626	30-675	30-677	30-687	60-631
8	Shutter - Throttle	34-52	34-46	34-51	34-51	34-51
9	Shaft Assembly - Choke	40-648	40-631	40-684	40-657	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	43-22	43-22
12	Swivel Assembly	--	--	--	52-503	--
13	Shutter - Choke	62-33	62-33	62-36	62-36	62-36
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-521	86-521	86-521
17	Plug - Limiting	88-14	88-14	--	--	--
18	* Plug - Welch (Idle 3/8)	--	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	--	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	--	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-108	92-108	92-93	92-108
23	**Gasket - Circuit Plate	92-136	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	--	95-25	95-25	95-25
26	**Diaphragm - Accelerator Pump	95-44	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	96-159	96-159	96-159
30	Screw - Circuit Plate	96-167	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	96-526	96-526
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-182	98-182	98-161	98-161
39	Spring - Choke Friction	98-162	98-162	98-162	98-194	98-162
41	Spring - Throttle Return	98-181	98-181	98-195	--	98-235
42	Spring - Accelerator Pump	98-164	--	--	--	--
43	Needle - Hi Speed	102-57	102-73	102-73	102-62	102-62
44	Needle - Idle	102-56	102-74	102-61	102-61	102-61
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-69	140-37	140-37	140-37
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	157-94	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	McCulloch SDC-37A	McCulloch SDC-38B	McCulloch SDC-38A	Lombard SDC-40	Lombard SDC-41
	Venturi (mm)	19.05	19.05	19.05	14.27	14.27
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	--	--	--	16-33	16-33
3	Cover - Fuel Pump	21-88	21-104	21-88	21-128	21-88
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-631	30-693	30-693	30-636	30-636
8	Shutter - Throttle	34-51	34-51	34-51	34-46	34-46
9	Shaft Assembly - Choke	40-637	40-637	40-637	40-631	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	43-22	43-22	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-33	62-33
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-532	86-532	86-532	86-532	86-532
17	Plug - Limiting	--	--	--	88-14	88-14
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket - Fuel Pump	92-93	92-93	92-93	92-108	92-93
23	** Gasket - Circuit Plate	--	--	--	--	--
24	** Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm - Check Valve	95-25	95-25	95-25	--	--
26	** Diaphragm - Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	--	96-159	96-159	96-159
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	96-526	96-526	96-526	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	--	--	--	--	--
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-161	98-182	98-207
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-235	98-235	98-235	98-181	98-181
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-62	102-3120	102-110	102-57	102-57
44	Needle - Idle	102-61	102-111	102-111	102-56	102-56
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-37	140-37	140-37	140-37	140-37
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	McCulloch SDC-43	McCulloch SDC-43A	McCulloch SDC-44	McCulloch SDC-44A	Sache-Dolmar SDC-45A
	Venturi (mm)	19.05	19.05	19.05	19.05	19.84
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	*Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	*Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	*Ring - Screen Retainer	--	--	--	16-42	16-42
2	Ring - Throttle Shaft Retainer	--	--	--	--	16-33
3	Cover - Fuel Pump	21-128	21-88	21-128	21-88	21-128
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-145
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-702	30-702	30-631	30-631	30-669
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-51
9	Shaft Assembly - Choke	40-701	40-701	40-637	40-637	40-707
10	Lever - Choke	42-510	42-510	--	--	--
11	Clip - Throttle Shaft	43-22	43-22	43-22	43-22	--
12	Swivel Assembly	52-501	52-501	--	--	--
13	Shutter - Choke	62-46	62-46	62-36	62-36	62-36
14	*Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	--	--	86-532	86-523	86-523
17	Plug - Limiting	--	--	--	--	--
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	--	--	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-93	92-108	92-93	92-108
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	95-25	95-25	95-25	95-25	--
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	96-159	--	--	96-608
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	96-526	96-526	96-526	96-526	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-161	98-161	98-192
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-230	98-230	98-235	98-235	98-220
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	--	--	102-125	102-125	102-62
44	Needle - Idle	102-61	102-61	102-124	102-124	102-126
45	Jet - Nozzle Assembly	112-518	112-518	--	--	--
46	*Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	*Screen - Check Valve	--	--	140-37	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	*Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	167-52

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Sachs-Dolmar SDC-46	Sachs-Dolmar SDC-47A	Homelite SDC-48	McCulloch SDC-49	McCulloch SDC-50A
	Venturi (mm)	17.48	19.05	14.27	19.05	19.05
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	--	--
2	Ring - Throttle Shaft Retainer	16-51	16-51	16-33	--	--
3	Cover - Fuel Pump	21-128	21-128	21-114	21-128	21-128
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-657	30-657	30-636	30-631	30-631
8	Shutter - Throttle	34-71	34-51	34-46	34-51	34-51
9	Shaft Assembly - Choke	40-714	40-714	40-648	40-637	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-46	62-46	62-33	62-36	62-36
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-521	86-523	--	--
17	Plug - Limiting	--	--	88-14	88-14	88-14
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	--	--
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-108	92-108	92-108	92-108
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	--	--	95-25	95-25
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	--	--	96-159	96-159
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	96-526	96-526
35	Screw - Choke Shutter	96-526	96-526	96-526	--	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-192	98-161	98-182	98-161	98-161
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-220	98-220	98-181	98-235	98-235
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-62	102-62	102-73	--	--
44	Needle - Idle	102-130	102-61	102-74	102-121	102-121
45	Jet - Nozzle Assembly	--	--	--	112-523	112-519
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-37	140-69	--	--
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-46	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	167-52	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Printed in U.S.A. - (7-94)

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	McCulloch SDC-51A	McCulloch SDC-51B	Echo SDC-52	Echo SDC-52B	Pioneer SDC-53A
	Venturi (mm)	19.05	19.05	19.05	19.05	17.48
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K4-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D4-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	--	--	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	--	--	16-33	16-33	16-51
3	Cover - Fuel Pump	21-128	21-88	21-128	21-128	21-128
4	Cover - Metering Diaphragm	21-112	21-112	21-658	21-199	21-112
5	Cover - Metering Diaphragm	--	--	--	21-664	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-631	30-631	30-764	30-786	30-732
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-44
9	Shaft Assembly - Choke	40-637	40-637	40-738	40-763	40-722
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	43-22	43-22	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-36	62-36	62-36
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	84-516
16	Check Valve Assembly	--	--	86-551	86-520	86-532
17	Plug - Limiting	88-14	88-14	--	--	--
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	--	--	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-29	89-13
21	** Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket - Fuel Pump	92-108	92-93	92-108	92-108	92-108
23	** Gasket - Circuit Plate	--	--	--	--	--
24	** Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm - Check Valve	95-25	95-25	95-25	95-25	--
26	** Diaphragm - Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-537	95-515
28	Screw - Metering Lever Pin	96-156	96-156	95-156	95-156	95-156
29	Screw - Idle Adjustment Kit	--	--	96-612	96-612	96-608
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	96-526	96-526	--	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-564	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-192	98-192	98-207
39	Spring - Choke Friction	98-162	98-162	98-162	98-334	98-162
41	Spring - Throttle Return	98-235	98-235	98-181	98-181	98-220
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	--	--	102-125	102-125	102-62
44	Needle - Idle	102-121	102-121	102-124	102-124	102-126
45	Jet - Nozzle Assembly	112-519	112-519	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	--	--	140-69	140-69	140-37
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-46
53	Bracket - Idle Ajdust	--	--	167-52	167-52	167-64

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Pioneer SDC-53C	Pioneer SDC-53D	Homelite SDC-54C	McCulloch SDC-58	McCulloch SDC-58A
	Venturi (mm)	17.48	17.48	19.84	19.05	19.05
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K1-SDC
old	*Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	*Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	*Ring - Screen Retainer	16-42	16-42	--	--	--
2	Ring - Throt. Shaft Retainer	16-51	16-51	--	--	--
3	Cover - Fuel Pump	21-88	21-88	21-682	21-128	21-88
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-732	30-732	30-774	30-631	30-631
8	Shutter - Throttle	34-44	34-172	34-50	34-51	34-51
9	Shaft Assembly - Choke	40-722	40-722	40-755	40-637	40-637
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	43-22	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-36	62-67	62-36	62-36
14	*Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Seat Assembly Governor	84-529	84-530	--	--	--
16	Check Valve Assembly	86-521	86-532	--	--	--
17	Plug - Limiting	--	--	--	--	--
18	*Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	*Plug - Welch (Main 5/16)	88-28	88-28	88-28	--	--
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-93	92-108	92-108	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check valve	--	--	--	95-25	95-25
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-608	96-612	--	96-159	96-159
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover (4)	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump (3)	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	96-526	96-526	96-526
35	Screw - Choke Shutter	--	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover (4)	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle (2)	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-207	98-207	98-192	98-161	98-161
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-220	98-220	98-181	98-235	98-235
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-62	102-62	--	--	--
44	Needle - Idle	102-126	102-126	102-161	102-121	102-121
45	Jet - Nozzle Assembly	--	--	112-520	112-520	112-520
46	*Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	*Screen - Check Valve	140-37	140-37	--	--	--
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	*Lever - Metering	166-46	166-46	166-55	166-55	166-55
53	Bracket - Idle Ajdust	167-64	167-64	--	--	--

* Contents in Repair Kit
**Contents in Gasket/Diaph. Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	FAM Argentina SDC-59	Homelite SDC-60	McCulloch SDC-61	Homelite SDC-62	Homelite SDC-62A
	Venturi (mm)	19.05	19.84	19.05	14.27	14.27
old	Kit - Repair	K1-SDC	K5-SDC	K1-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D2-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	--	16-42	16-42
2	Ring - Throttle Shaft Retainer	--	16-51	--	16-33	16-33
3	Cover - Fuel Pump	21-128	21-114	21-657	21-114	21-88
4	Cover - Metering Diaphragm	21-112	21-236	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-757	30-762	30-647	30-636	30-983
8	Shutter - Throttle	34-51	34-92	34-51	34-46	34-46
9	Shaft Assembly - Choke	40-733	40-648	40-659	40-648	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	43-22	--	43-22	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-36	62-33	62-36	62-33	62-33
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	84-520	--	--	--
16	Check Valve Assembly	86-521	86-520	--	86-551	86-520
17	Plug - Limiting	--	88-14	88-14	88-14	88-14
18	* Plug - Welch (Idle 3/8)	88-180	--	88-180	88-180	88-180
19	* Plug - Welch (Main 5/16)	--	--	--	88-171	88-171
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-108	92-108	92-93	92-108	92-108
23	**Gasket - Circuit Plate	--	92-136	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	95-25	--	95-25	--	95-25
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	96-159	96-159	--	--
30	Screw - Circuit Plate	--	96-270	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	96-526	--	96-526	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-161	98-161	98-182	98-182
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-310	98-181	98-181	98-181	98-181
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-62	--	--	102-73	102-73
44	Needle - Idle	102-61	102-529	102-121	102-74	102-74
45	Jet - Nozzle Assembly	--	--	112-523	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-37	140-69	--	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	157-187	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-63A	Homelite SDC-64	McCulloch SDC-65	Homelite SDC-66A	Roper SDC-67A
	Venturi (mm)	19.84	19.84	19.05	19.84	14.27
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K2-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D2-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	--	--	--	--	16-33
3	Cover - Fuel Pump	21-648	21-648	21-88	21-648	21-88
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	21-116
7	Shaft Assembly - Throttle	30-774	30-774	30-631	30-774	30-808
8	Shutter - Throttle	34-51	34-51	34-51	34-51	34-44
9	Shaft Assembly - Choke	40-755	40-723	40-637	40-755	40-631
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	43-22	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-67	62-46	62-36	62-67	62-42
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-520	86-520	86-532	86-520	86-523
17	Plug - Limiting	--	--	--	--	--
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-13	89-13	89-13	89-13
21	** Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket - Fuel Pump	92-108	92-108	92-93	92-108	92-93
23	** Gasket - Circuit Plate	--	--	--	--	--
24	** Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm - Check Valve	--	--	95-25	--	--
26	** Diaphragm - Accelerator Pump	--	--	--	--	95-44
27	** Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	96-607	--	96-265
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	96-526	96-526	96-526	96-526	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-192	98-192	96-161	98-192	98-182
39	Spring - Choke Friction	98-162	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-181	98-181	98-235	98-181	98-163
42	Spring - Accelerator Pump	--	--	--	--	98-261
43	Needle - Hi Speed	102-125	102-125	102-187	102-125	--
44	Needle - Idle	102-61	102-161	102-186	102-161	102-56
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-69	140-37	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Jacobsen SDC-68A	Homelite SDC-69A	Echo SDC-70A	Homelite SDC-71	Roper SDC-73
	Venturi (mm)	19.05	19.84	17.48	19.84	14.27
old	Kit - Repair	K3-SDC	K3-SDC	K1-SDC	K1-SDC	K1-SDC
old	*Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	*Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	*Ring - Screen Retainer	16-42	16-42	16-42	--	16-42
2	Ring - Throttle Shaft Retainer	16-33	--	--	--	16-33
3	Cover - Fuel Pump	21-88	21-682	21-68	21-682	21-88
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	--
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	21-116
7	Shaft Assembly - Throttle	30-812	30-774	30-831	30-774	30-834
8	Shutter - Throttle	34-111	34-51	34-51	34-51	34-116
9	Shaft Assembly - Choke	40-775	40-755	40-779	40-755	40-781
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	43-22	43-22	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-67	62-36	62-67	62-33
14	*Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	--	--	--	--	--
16	Check Valve Assembly	86-523	86-523	86-521	--	86-523
17	Plug - Limiting	--	--	--	--	--
18	*Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	*Plug - Welch (Main 5/16)	88-28	88-28	88-28	--	--
20	Ball - Choke Friction	89-13	89-13	89-29	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-108	92-93	92-108	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	--	95-25	--	--
26	**Diaphragm - Accelerator Pump	--	--	--	--	95-44
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
26	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	--	--	--	--	--
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	96-589
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	96-526	96-526	96-526	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-182	96-320	96-192	98-192	96-207
39	Spring - Choke Friction	98-162	98-162	98-334	98-162	98-162
41	Spring - Throttle Return	--	98-181	98-359	98-181	98-163
42	Spring - Accelerator Pump	--	--	--	--	96-261
43	Needle - Hi Speed	102-73	102-125	102-217	--	--
44	Needle - Idle	102-74	102-161	102-216	102-161	102-222
45	Jet - Nozzle Assembly	--	--	--	112-521	--
46	*Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	*Screen - Check Valve	140-69	140-69	140-37	--	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	156-18	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	*Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	--	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-74	Echo SDC-75	Echo SDC-76	Echo SDC-77	Maruzen SDC-78A
	Venturi (mm)	19.84	17.48	17.48	19.05	14.27
old	Kit - Repair	K5-SDC	K1-SDC	K4-SDC	K4-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D2-SDC	D1-SDC	D4-SDC	D4-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-51	--	--	--	16-51
3	Cover - Fuel Pump	21-128	21-88	21-88	21-721	21-88
4	Cover - Metering Diaphragm	--	--	21-199	21-199	21-112
5	Cover - Metering Diaphragm	--	--	21-664	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-762	30-831	30-786	30-890	30-732
8	Shutter - Throttle	34-92	34-52	34-51	34-92	34-46
9	Shaft Assembly - Choke	40-648	40-779	40-763	40-800	40-684
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	43-24	43-24	43-22	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-33	62-36	62-36	62-36	62-88
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	84-619	--	84-536	--	--
16	Check Valve Assembly	86-520	86-551	86-534	86-534	86-551
17	Plug - Limiting	88-14	--	--	--	--
18	* Plug - Welch (Idle 3/8)	--	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	--	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-29	89-29	89-29	89-29
21	** Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	** Gasket - Fuel Pump	92-108	92-93	92-93	92-93	92-93
23	** Gasket - Circuit Plate	92-136	--	--	--	--
24	** Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	** Diaphragm - Check Valve	95-25	95-25	95-25	95-25	--
26	** Diaphragm - Accelerator Pump	--	--	--	--	--
27	** Diaphragm Ass'y - Metering	95-515	95-515	95-537	95-537	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	--	96-612	--	96-651
30	Screw - Circuit Plate	96-245	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	96-526	96-526	96-526	--
35	Screw - Choke Shutter	96-526	96-526	96-564	96-564	96-526
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160	98-160	98-405
38	Spring - Metering Lever	98-299	98-182	98-320	98-192	98-161
39	Spring - Choke Friction	98-162	98-334	98-334	98-334	98-334
41	Spring - Throttle Return	98-181	98-359	98-390	98-390	98-181
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	--	102-219	102-125	102-125	102-62
44	Needle - Idle	102-529	102-235	102-124	102-124	102-130
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-69	140-69	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	157-229	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	167-52	--	167-64

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Maruzen SDC-78B	Pioneer SDC-79	Pioneer SDC-79A	Pioneer SDC-80	Homelite SDC-81A
	Venturi (mm)	14.27	14.27	14.27	19.05	15.05
old	Kit - Repair	K1-SDC	K1-SDC	K1-SDC	K1-SDC	K2-SDC
old	*Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D1-SDC	D1-SDC	D2-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	*Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	*Ring - Screen Retainer	16-42	16-42	16-42	16-42	16-42
2	Ring - Throt. Shaft Retainer	16-51	16-51	--	--	16-33
3	Cover - Fuel Pump	21-88	21-88	21-88	21-88	21-88
4	Cover - Metering Diaphragm	21-112	21-112	21-112	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	21-116
7	Shaft Assembly - Throttle	30-732	30-732	30-732	30-732	30-626
8	Shutter - Throttle	34-224	34-52	34-162	34-92	34-52
9	Shaft Assembly - Choke	--	40-722	40-722	40-722	40-648
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	--	--	--	--
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	--	62-33	62-36	62-36	62-33
14	*Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Seat Assembly Governor	--	84-530	84-530	--	84-520
16	Check Valve Assembly	86-551	86-532	86-532	86-532	86-523
17	Plug - Limiting	--	--	--	--	--
18	*Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	*Plug - Welch (Main 5/16)	88-28	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	--	89-29	89-13	89-13	89-13
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-93	92-93	92-93	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check valve	--	--	--	--	--
26	**Diaphragm - Accelerator Pump	--	--	--	--	95-44
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-651	96-612	96-612	96-612	96-265
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover (4)	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump (3)	--	--	--	--	--
33	Screw - Throttle Shutter	--	96-526	96-526	96-526	96-526
34	Screw - Retainer Clip	--	--	--	--	--
35	Screw - Choke Shutter	96-526	96-526	96-526	96-526	96-526
36	Screw - Fuel Pump Cover (4)	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle (2)	98-405	98-160	98-160	98-160	98-160
38	Spring - Metering Lever	98-161	98-207	98-207	98-207	98-161
39	Spring - Choke Friction	--	98-162	98-162	98-162	98-162
41	Spring - Throttle Return	98-181	98-220	98-220	98-220	98-163
42	Spring - Accelerator Pump	--	--	--	--	98-164
43	Needle - Hi Speed	102-62	102-62	102-62	102-62	102-345
44	Needle - Idle	102-130	102-126	102-126	102-126	102-344
45	Jet - Nozzle Assembly	--	--	--	--	--
46	*Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	*Screen - Check Valve	140-69	140-37	140-37	140-37	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	*Lever - Metering	166-55	166-46	166-46	166-55	166-55
53	Bracket - Idle Ajdust	167-64	167-64	167-64	167-64	--

*Contents in Repair Kit
**Contents in Gasket/Diaph. Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-82	Fuji Robin SDC-83A	Echo SDC-84B	McCulloch SDC-85	Fuji Robin SDC-86A
	Venturi (mm)	17.53	17.53	19.05	19.05	17.53
old	Kit - Repair	K1-SDC	K1-SDC	K4-SDC	K1-SDC	K1-SDC
old	* Kit - Gasket/Diaphragm	D1-SDC	D1-SDC	D4-SDC	D1-SDC	D1-SDC
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC	K10-SDC	K10-SDC
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC	D10-SDC	D10-SDC
1	* Ring - Screen Retainer	--	16-42	16-42	16-42	16-42
2	Ring - Throttle Shaft Retainer	16-33	--	--	--	--
3	Cover - Fuel Pump	21-88	21-801	21-807	21-88	21-801
4	Cover - Metering Diaphragm	21-112	21-112	21-199	21-112	21-112
5	Cover - Metering Diaphragm	--	--	--	--	--
6	Cover - Accelerator Pump	--	--	--	--	--
7	Shaft Assembly - Throttle	30-636	30-989	30-996	30-693	30-989
8	Shutter - Throttle	34-170	34-62	34-92	34-51	34-46
9	Shaft Assembly - Choke	40-648	40-850	40-856	40-637	40-910
10	Lever - Choke	--	--	--	--	--
11	Clip - Throttle Shaft	--	43-22	43-22	43-22	43-22
12	Swivel Assembly	--	--	--	--	--
13	Shutter - Choke	62-42	62-107	62-33	62-36	62-107
14	* Valve - Inlet Needle	82-75	82-75	82-75	82-75	82-75
15	Kit - Governor	84-530	--	--	84-536	--
16	Check Valve Assembly	86-523	86-551	84-533	86-532	86-551
17	Plug - Limiting	--	--	--	--	--
18	* Plug - Welch (Idle 3/8)	88-23	88-23	88-23	88-23	88-23
19	* Plug - Welch (Main 5/16)	--	88-28	88-28	88-28	88-28
20	Ball - Choke Friction	89-13	89-29	89-29	89-13	89-29
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94	92-94	92-94
22	**Gasket - Fuel Pump	92-93	92-93	92-93	92-93	92-93
23	**Gasket - Circuit Plate	--	--	--	--	--
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21	95-21	95-21
25	**Diaphragm - Check Valve	--	95-25	95-25	95-25	95-25
26	**Diaphragm - Accelerator Pump	--	--	--	--	--
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-537	95-515	95-515
28	Screw - Metering Lever Pin	96-156	96-156	96-156	96-156	96-156
29	Screw - Idle Adjustment Kit	96-159	96-607	--	96-612	96-607
30	Screw - Circuit Plate	--	--	--	--	--
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589	96-589	96-589
32	Screw - Accelerator Pump [3]	--	--	--	--	--
33	Screw - Throttle Shutter	96-526	96-526	96-526	96-589	96-589
34	Screw - Retainer Clip	--	--	--	96-589	96-589
35	Screw - Choke Shutter	96-526	96-526	--	96-589	96-589
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543	96-543	96-543
37	Spring - Hi & Idle Needle [2]	98-160	98-3020	98-160	98-160	98-3020
38	Spring - Metering Lever	98-161	98-182	98-192	98-161	98-182
39	Spring - Choke Friction	98-162	98-334	98-334	98-162	98-334
41	Spring - Throttle Return	98-181	--	98-359	98-235	--
42	Spring - Accelerator Pump	--	--	--	--	--
43	Needle - Hi Speed	102-348	102-382	102-217	102-414	102-382
44	Needle - Idle	102-349	102-381	102-394	102-413	102-381
45	Jet - Nozzle Assembly	--	--	--	--	--
46	* Screen - Fuel Inlet	140-70	140-70	140-70	140-70	140-70
47	* Screen - Check Valve	140-69	140-69	140-69	140-69	140-69
48	Pin - Metering Lever	144-60	144-60	144-60	144-60	144-60
50	Seal - Throttle Shaft	--	--	--	--	--
51	Plate - Circuit	--	--	--	--	--
52	* Lever - Metering	166-55	166-55	166-55	166-55	166-55
53	Bracket - Idle Ajdust	--	--	--	167-64	--

*Contents in Repair Kit
**Contents in Gasket/Diaphragm Kit

Courtesy Of: ParkinLube.com

Diaphragm Carburetors

Ref. No.	Part Name	Homelite SDC-87	Homelite SDC-88	McCulloch SDC-89		
	Venturi (mm)	14.27	19.05	19.05		
old	Kit - Repair	--	--	--		
old	* Kit - Gasket/Diaphragm	--	--	--		
new	Kit - Repair	K10-SDC	K10-SDC	K10-SDC		
new	* Kit - Gasket/Diaphragm	D10-SDC	D10-SDC	D10-SDC		
1	* Ring - Screen Retainer	--	--	16-42		
2	Ring - Throttle Shaft Retainer	16-33	--	--		
3	Cover - Fuel Pump	21-88	21-128	21-104		
4	Cover - Metering Diaphragm	21-112	21-112	21-112		
5	Cover - Metering Diaphragm	--	--	--		
6	Cover - Accelerator Pump	--	--	--		
7	Shaft Assembly - Throttle	30-983	30-631	30-693		
8	Shutter - Throttle	34-284	34-51	34-51		
9	Shaft Assembly - Choke	40-648	40-637	40-637		
10	Lever - Choke	--	--	--		
11	Clip - Throttle Shaft	--	43-22	43-22		
12	Swivel Assembly	--	--	--		
13	Shutter - Choke	62-33	62-36	62-36		
14	* Valve - Inlet Needle	82-75	82-75	82-75		
15	Kit - Governor	--	--	--		
16	Check Valve Assembly	86-520	86-532	86-532		
17	Plug - Limiting	--	--	--		
18	* Plug - Welch (Idle 3/8)	88-180	88-180	88-180		
19	* Plug - Welch (Main 5/16)	88-171	88-171	88-171		
20	Ball - Choke Friction	89-13	89-13	89-13		
21	**Gasket - Metering Diaphragm	92-94	92-94	92-94		
22	**Gasket - Fuel Pump	92-108	92-108	92-93		
23	**Gasket - Circuit Plate	--	--	--		
24	**Diaphragm - Fuel Pump	95-21	95-21	95-21		
25	**Diaphragm - Check Valve	95-25	95-25	95-25		
26	**Diaphragm - Accelerator Pump	--	--	--		
27	**Diaphragm Ass'y - Metering	95-515	95-515	95-515		
28	Screw - Metering Lever Pin	96-156	96-156	96-156		
29	Screw - Idle Adjustment Kit	--	--	--		
30	Screw - Circuit Plate	--	--	--		
31	Screw - Diaphragm Cover [4]	96-589	96-589	96-589		
32	Screw - Accelerator Pump [3]	--	--	--		
33	Screw - Throttle Shutter	96-526	96-526	96-526		
34	Screw - Retainer Clip	--	96-526	96-526		
35	Screw - Choke Shutter	--	96-526	96-526		
36	Screw - Fuel Pump Cover [4]	96-543	96-543	96-543		
37	Spring - Hi & Idle Needle [2]	98-160	98-160	98-160		
38	Spring - Metering Lever	98-182	98-161	98-161		
39	Spring - Choke Friction	98-162	98-162	98-162		
41	Spring - Throttle Return	98-181	98-235	98-235		
42	Spring - Accelerator Pump	--	--	--		
43	Needle - Hi Speed	102-73	102-125	102-3120		
44	Needle - Idle	102-74	102-124	102-111		
45	Jet - Nozzle Assembly	--	--	--		
46	* Screen - Fuel Inlet	140-70	140-70	140-70		
47	* Screen - Check Valve	--	140-37	140-37		
48	Pin - Metering Lever	144-60	144-60	144-60		
50	Seal - Throttle Shaft	--	--	--		
51	Plate - Circuit	--	--	--		
52	* Lever - Metering	166-55	186-55	166-55		
53	Bracket - Idle Ajdust	--	--	--		

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