

Coca-Cola

Parts Manual Lancer - LEV 3.0/4.5



SPECIFICATIONS

FLOW RATE:

- All Model 100 (3.0 Valve) valves are adjustable from 1.5 ounces/second (44.4 ml/sec) to 3.0 ounces/second (88.8 ml/sec) of finished drink.
- All Model 145 (4.5 Valve) valves are adjustable from 2.5 ounces/second (74.0 ml/sec) to 5.0 ounces/second (148.0 ml/sec) of finished drink.
- Restricted flow adjustment plug, maximum flow 2.0 ounces/second (59.2 ml/sec) in the Model 100 valves and 3.3 ounces/second (97.7 ml/sec) in the Model 145 valves .

FLOW CONTROLS:

Water and syrup flow controls are individually adjustable without removing valve cover. Syrup flow control operates with both sugar and diet syrups.

MOUNTING:

Mounts on the same hole center as the following valves with the same mounting screws.

Dole SEV Cornelius SF1
Dole FFV McCann Coca-Cola Valve
Smart Valve

SODA/WATER LEVER:

Manually operated and field convertible.

WATER AND SYRUP REQUIREMENTS:

MODEL 100 (3.0 Valves) Flowing Pressures at Valve

	Minimum	Maximum
Water/Soda	40 PSIG (2.8 kg/cm ²)	110 PSIG (7.73 kg/cm ²)
Syrup (Sugar)	20 PSIG (1.4 kg/cm ²)	70 PSIG (4.92 kg/cm ²)
Syrup (Diet)	10 PSIG (0.7 kg/cm ²)	70 PSIG (4.92 kg/cm ²)

MODEL 145 (4.5 Valves) Flowing Pressures at Valve

	Minimum	Maximum
Water/Soda	30 PSIG (2.11 kg/cm ²)	110 PSIG (7.73 kg/cm ²)
Syrup (Sugar)	15 PSIG (1.1 kg/cm ²)	80 PSIG (5.62 kg/cm ²)
Syrup (Diet)	10 PSIG (0.7 kg/cm ²)	80 PSIG (5.62 kg/cm ²)

ELECTRICAL REQUIREMENT:

24 VAC, 50/60 Hz for LEV® only

SECTION 1: COMPLETE VALVES NO GRAPHICS AVAILABLE

Item No.	CCP Part#	Mfg. Part#	CONA Material#	Description
1	20654	19-0185/03	150031176	VALVE LEV 4.5 PUSH BUTTON
2	20655	19-0191/03	150031175	VALVE LEV 4.5 SELF SERV LEVER
3	20658	19-0311/03	150031174	VALVE LEV 4.5 SSL FSL
4	25728	19-0313/03	150029461	VALVE 4.5 LEV SELF SERVE W/SOL
5	20660	19-0318/03	150031172	VALVE LEV 4.5 SSL FSL W/OC MB
6	24432	19-0213/03	150029972	VALVE 4.5OZ PORTION CONTROL
7	29571	19-0358/03	150027834	VALVE LEV 4.5 LANCER 8000 ES
8	129717	19-0516/03	150013960	VALVE,EASYFILL LEV, 4.5
9	25830	19-0181/03	150029392	VALVE LEV 4.5 W/O L S WH
10	17225	19-0070/01		VALVE LMV LANCER
11	22438	19-0114/03	150030561	VALVE,PUSH BUTTON,ELECTRIC,3.0
12	23561	19-0198/03	150030311	VALVE WITH PORTION CONTROL LEV
13	23560	19-0120/03	150030312	VALVE,W/SELF SERVE LEVER LEV
13.1	146632	19-0305/03	150067238	VALVE,LEV,SELF SERVE,3.0 DISP
14	19765	19-0077/03	150031545	VALVE,LEV EL,LANCER,COMPLETE
15	19713	19-0078/03	150031559	VALVE, ELECTRIC
16	22382	19-0124/03		VALVE SODA LEV
17	129716	19-0513/03	150013961	VALVE,EASYFILL LEV, 3.0
18	129717	19-0516/03	150013960	VALVE,EASYFILL LEV, 4.5
19	958609	82-5172	150003220	KIT,FRT SODA/WATER,PUSH BUTTON, LEV

Valve Assembly

Item No.	CCP Part#	Mfg. Part#	CONA Material#	Description
7.2	15023	05-0262/04	150032628	BONNET, FLOW CNTRL, LEV, BONNET ONLY
7.2.1	20650	05-0796/02	150031179	BONNET, FLOW CONTROL, LEV, SURFIL
7.3	10706	02-0126/01	150033875	ORING
7.4	103559	05-1919	150027415	PLUG, ADJUSTABLE, WHITE, LEV NO ORING
8	545540	03-0088/02	150003694	RETAINER, SINGLE, FLOW, CONTROL LEV
8.1	112996	03-0433/02	150023680	RETAINER, DUAL FLOW CONTROL, LEV
9	23779	04-0267/02-SP	150030231	SCREW, 8-16 X 1/2 PLSTI HHSW/W SS
10	20663	82-3869/01-SP	150031169	PADDLE ARM ASSEMBLY
11	25730	54-0188-SP	150029459	BODY LOWER UNIVERSAL 3.0 4.5
12	22058	03-0143	150030699	SPRING PIN LEV
13	22901	05-0491/01	150030520	PLATE BOTTOM FILLER LEV
14	15457	05-0232/04	150032545	PLATE, BOTTOM, LEV, 3.0
14.1	25822	05-1108/03-SP	150029398	PLATE, BOTTOM, 4.5 LEV
15	13974	05-0490/03	150033029	HOLDER, PLSTC, SOLD OUT, PB, LEV
16	22059	04-0470-SP	150030698	SCREW VALVE
17	19149	04-0775-SP	150031735	PIN, LEVER, FRT, SODA/WATER
18	105773	04-0310-SP	150026436	SCREW, 8-16 X .60 PHD, PH/SL PLT
19	18635	04-0270-SP	150031851	SCREW
20	28368	05-3261	150028459	DIFFUSER LEV NEW STYLE
20.1	17012	54-0031/04-SP	150032210	SEPARATOR, SYRUP, VALVE LEV, 3.0 OZ
21	28545	05-1463/01	150028383	NOZZLE, LEV, 3.0
21.1	142177	54-0543-SP	150052657	NOZZLE, HYBRID, LEV 3.0
22	24291	82-2014/03-SP	150030019	NOZZLE VALVE 4.5 LEV
23	11617	05-0238/06	150033644	YOKE ELECTRIC
24	13817	03-0081	150033081	SPRING ELECTRIC VALVE
25	12920	05-0776/02	150033332	LEVER, SELF SERVE LEV
25.1	146902	431-4E	150067686	VALVE, LEV, 4.5 SELF SERV LEVER, RBLT
26	19151	05-0231/01	150031734	LEVER, SHORT, LEV VALVE
27	125880	54-0479/01-SP	150016608	LEVER, EZ FILL, (LEVER ONLY)
27.1	24158	05-0777/02	150059999	BUSHING, LEVER ARM SURE FILL
28	19810	82-0274-SP	150031532	BLOCK MOUNTING ASSEMBLY
28.1	12189	05-0265/02-SP	150033553	BLOCK MOUNTING LEV
28.2	10706	02-0126/01	150033875	ORING
28.3	12263	03-0087/01	150033532	RETAINER
28.4	19894	92471A192	150031499	SCREW, #8X3/8 PHIL PAN
28.5	15175	02-0047	150032608	ORING 362IDX.568OD 25/BAG
28.6	12270	05-0266/01	150033530	STEM VALVE
28.7	12286	05-0267	150033525	WASHER, MTG BLOCK, GMV, PLASTIC
28.8	17330	92660	150032174	SCREW BLOCK MOUNT SEV, #10-32 X 1 1/4" SLOTTED RND, SS
29	15479	52-0288/04-SP	150032541	SOLENOID, COIL ONLY
30	21693	52-0622/04-SP	150030817	HARNESS, WIRE, ACTUATOR, W/SWITCH, LEV
31	26660	04-0486-SP	150029103	SCREW VALVE LEV
32	19933	03-0125	150031484	SPRING, ARMATURE, LEV
33	15382	10-0117/04	150032554	ARMATURE
34	24231	03-0233	150030051	RETAINER, VALVE, LEV, 1PC
35	23982	05-0935/02	150030148	PLUG, RETAINER, SWITCH, LEV
36	10746	26-0265/02	150033857	SWITCH, VALVE
36.1	27849	12-0244	150028709	SWITCH, ICE DISP, SPST 5A 250V
37	958609	82-5172	150003220	KIT, FRT SODA/WATER, PUSH BUTTON, LEV

Valve Assembly

Item No.	CCP Part#	Mfg. Part#	CONA Material#	Description
37.1	29956	03-0238	150027637	SPRING FRONT SODA LEVER VALVE
37.2	1066921	06-1377	150002023	DECAL,WATER/SODA/AGUA
38	23984	54-0029/02-SP	150030147	COVER SUB ASSEMBLY LEV
39	21432	05-0287/02-SP	150030883	COVER VALVE FRONT
40	21975	54-0140-SP	150030713	COVER LARGE PUSH LEV
40.1	25372	06-0866/01	150029576	DECAL PUSH FRONT COVER
41	104561	Z02205GT	150027005	CONTROL,PORTION,EASY TOUCH
41.1	25706	3788	150029467	OVERLAY PORTION CONTROL LEV
42	132820	52-3311/02	150011862	PANEL,ID,ASSY,EZ-FILL ASSY

SECTION 3: MISC. PARTS & KITS NO GRAPHICS AVAILABLE

Item No.	CCP Part#	Mfg. Part#	CONA Material#	Description
NR	24309	70798	150030014	WRENCH,TOOL,VALVE BEVERAGE
1	125878	82-4190	150016610	KIT,EZ FILL 3.0,RETROFIT
2	125879	82-4189	150016609	KIT,EZ-FILL 4.5,RETROFIT
2.1	125880	54-0479/01-SP	150016608	LEVER,EZ FILL,(LEVER ONLY)
2.2	144073	52-3310	150057911	HARNESS,EZ-FILL,VALVE ASSY
3	22796	82-1148/01	150030550	KIT LEV CONVERSION LRG, PUSH BUTTON
4	24020	18054003	150030140	SWITCH ACTUATOR VALVE LEV SURE
5	129413	82-4306	150014156	KIT,SURE-FILL TO EASYFILL, 3.0, FULL CONVERSION
5.1	129414	82-4307	150014155	KIT,SURE-FILL TO EASYFILL, 4.5 LEV,FULL CONVERSION
5.2	129415	82-4387	150014154	KIT,LEV,EASYFILL ELECTRONICS ONLY, (W/ WIRE HARNESS)
5.3	24021	85868	150030139	KIT MODULE VALVE LEV SUREFILL
6	26855	82-2873	150029008	CONTROL PORTION KIT CONV.DUAL
7	29158	52-2152	150028030	HARNESS WIRE 2 WAY
8	29361	29361-KIT		KIT LEVER SONIC PROJECT
9	958609	82-5172	150003220	KIT,FRT SODA/WATER,PUSH BUTTON, LEV
9.1	1066921	06-1377	150002023	DECAL,WATER/SODA/AGUA
10	21571	60162	150030852	ORING
11	12945	77050300		INLET STRGHT 1/4ID BARB DOLE
12	23807	77052200	150030218	FITTING 1/4 I.D. 45 DEG.
13	12947	01-2310/01	150033320	ELBOW INLET 90DEG 1/4ID BARB
14	27523	82-2323	150028819	BLOCK MTG CONVERT TFV TO LANCER
15	28092	60278300		KIT EASYFILL TO SUREFILL RETR
16	28564	DOLE/D LEV	150028372	SOLD OUT,DOLE,LEV
17	24993	82-0783-SP	150029729	INSTALL KIT SYRUP FOR LEV
17.1	26841	54-0057-SP	150029010	PANEL, I.D. SYRUP OUT,LEV
18	1069730	94-064-01	150000767	SWITCH WATER PRESS SPRITE REL
19	24630	82-1669/01	150029885	BRIDGE NON CARB VALVE
20	28379	19-0036	150028450	VALVE,WATER,T&S
20.1	141704	B-1256	150051631	KIT,REPAIR,NEW-STYLE GLASS FILLER, (FOR CCP # 28379)
21	114607	001145-45	150023088	VALVE,BLUE PLAIN WATER LEVER
22	17012	54-0031/04-SP	150032210	SEPARATOR,SYRUP,VALVE LEV,3.0 OZ
23	25372	06-0866/01	150029576	DECAL PUSH FRONT COVER