

DUCAR

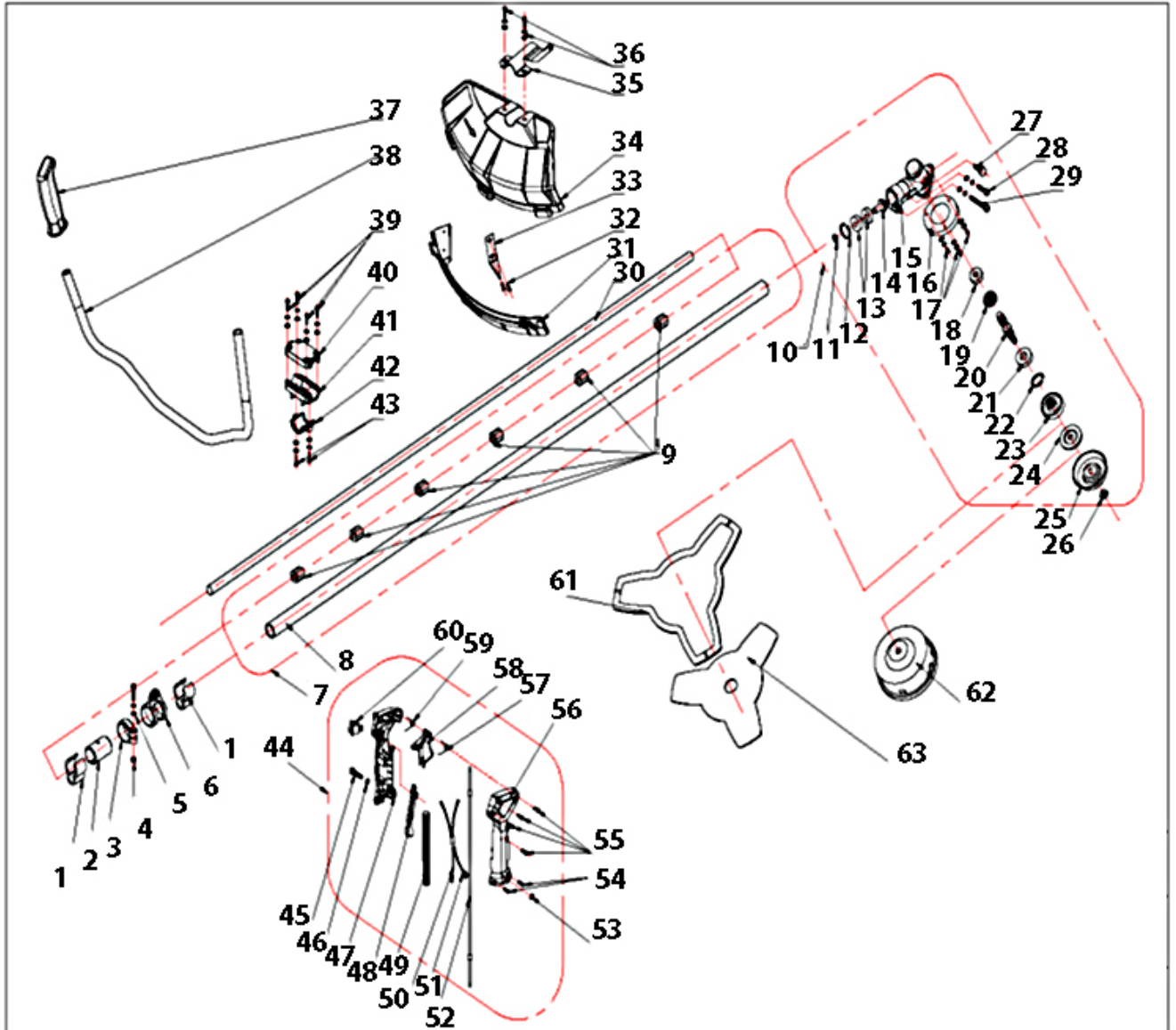
Parts diagram



The model may differ slightly from the picture

DUETBC431D
Brush cutters - 42.7 CC
2 Stroke

BODY



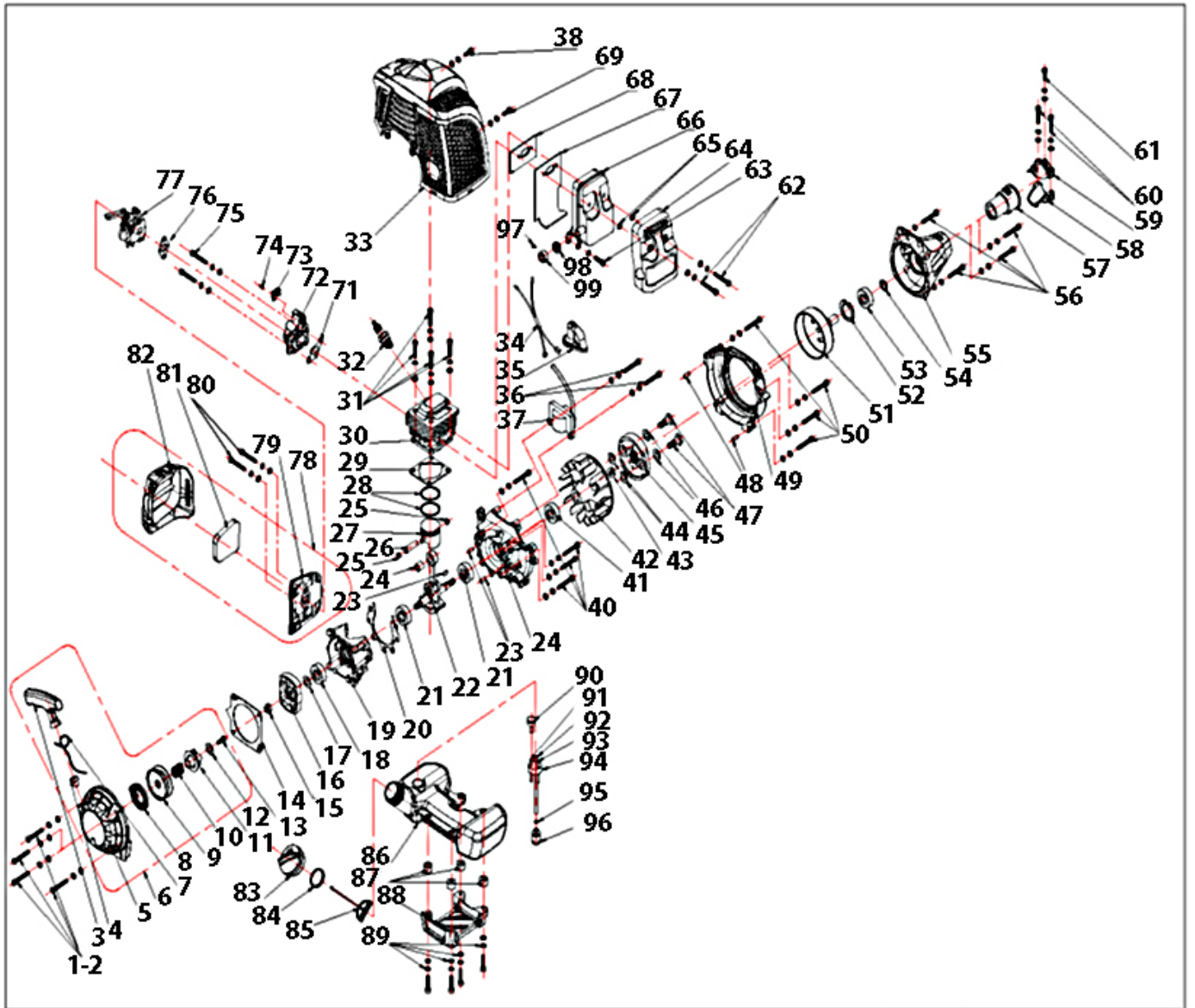
BODY

	Part number	Part name	Quantity
1	C43.1100.0003	Wire bracket	2
2	C33.2112.0202	Sleeve 28	1
3	C33.2112.0205	Clamp 28	1
4	GB/T6170-20061375	Nut M5	1
5	GB/T2671.220061081	Screw M5x22	1
6	C33.2112.0204	Harness clamp assembly	1
7	C43.1512.0100	Straight shaft assembly, aluminum	1
8	C43.1512.0101	Aluminum tube	1
9	C43.1512.0200	Rubber bushing	6
10	C43.1516.0000	Gearbox assembly	1
11	GB/T894.1	Circlip 10	1
12	GB/T893.1	Circlip 26	1
13	GB/T276-20061613	Bearing 6000-2z D 10x26x8	2
14	C43.0116.0002	Pinion	1
15	C43.1516.0001	Gearbox	1
16	C43.0116.0007	Top guard	1
17	GB/T70.1	Screw M5x8	3
18	GB/T276-20061613	Bearing 6000-2z D 10x26x8	1
19	C43.0116.0004	Gear	1
20	TBC431D.04.00-3	Gear shaft	1
21	GB/T276-20061616	Bearing 6002-2z D 15x32x9	1
22	GB/T893.1-20061537	Circlip 26	1
23	C43.1116.0004	Blade retainer, lower	1
24	C43.1116.0003	Blade retainer, upper	1
25	C43.1116.0005	Bottom guard	1
26	GB/T6177.220061368	Flange nut M10x1.25, left	1
27	GB/T70.1	Screw M6x12	1
28	GB/T2671.2	Screw M6x12	1
29	GB/T2671.2	Screw M6x25	1
30	C43.0112.0001	Drive shaft	1
31	C43.1113.0101	Protective cover side strip	1
32	GB/T845-20051827	Self-tapping screw ST4.8x13	2
33	C43.1113.0002	Cutting blade	1
34	C43.1113.0200	Guard	1
35	C43.1513.0001	Clamp / guard	1
36	GB/T2671.220061120	Screw M6x20	2
37	C43.1511.0002	Rubber handle, left	1
38	C43.1511.0001	Aluminum Tube	1

BODY

	Part number	Part name	Quantity
39	GB/T2671.220061082	Screw M5x25	4
40	C43.1511.0203	Upper clamp, long (22)	1
41	C43.1511.0201	Middle clamp (28-22)	1
42	C43.1511.0202	Lower clamp, short (28)	1
43	GB/T2671.220061082	Screw M5x25	2
44	C43.1511.0100	Control handle assembly, right	1
45	GB/T2671.2	Screw M5x30	1
46	GB/T97.1	Flat washer 5	1
47	C43.1511.0102	Right handle, left cover	1
48	C43.1111.0105	Lock trigger	1
49	C43.1111.0107	Wire tube	1
50	C43.1111.0400	Wire cable A	1
51	C43.1111.0500	Wire cable B	1
52	C43.1111.0300	Throttle cable	1
53	GB/T6170-20061375	Nut M5	1
54	GB/T845	Self-tapping screw ST3.5x9.5	2
55	GB/T845-20055741	Self-tapping screw ST4.2x10	4
56	C43.1511.0101	Right handle, right cover	1
57	C43.1111.0104	Spring, trigger	1
58	C43.1111.0103	Trigger	1
59	C43.1111.0105	Return spring, trigger	1
60	A38.0306.0500	Switch	1
61	C43.1100.0005	Blade cover	1
62	C43.0100.0100	String head assembly	1
63	C43.0100.0001	Three-tooth blade A	1

ENGINE



ENGINE

	Part number	Part name	Quantity
1	GB/T2671.2	Screw M5x20	2
2	GB/T2671.220061082	Screw M5x25	2
3	A62.0110.0002	Starter handle	1
4	A25.0110.0101	Eyelet	1
5	C43.1110.0200	Starter housing	1
6	C43.1110.0000	Starter assembly	1
7	C43.1110.0001	Starter rope	1
8	C43.1110.0003	Starter coil spring	1
9	C43.1110.0002	Starter pulley	1
10	C43.1110.0004	Starter torsion spring	1
11	C43.1110.0005	Starter ratchet wheel	1
12	GB/T9074.19	Self-tapping screw ST4.8x19	1
13	GB/T9074.19	Flat washer 5x16x1	1
14	C43.1101.0003	Starter aluminum gasket	1
15	GB/T6175	Hexagonal nut M8	1
16	C43.0101.0200	Starter reel	1
17	GB/T97.1	Flat washer 8	1
18	A38.0302.0200	Small oil seal 12x22x7	1
19	C43.1102.0003	Crankcase, right side	1
20	C43.0102.0003	Gasket, crankcase	1
21	GB/T276-20054571	Bearing 6202	2
22	C43.1103.0100	Crankshaft shaft assembly	1
23	GB/T1099-20061664	Half round key 3x5x13	1
24	C43.0103.0300	Needle roller bearing ϕ 10x13x16	1
25	A38.0303.0003	Piston pin spring	2
26	C43.0103.0002	Piston pin	1
27	C43.0103.0200	Piston	1
28	C43.0103.0001	Piston ring	2
29	C43.0101.0002	Gasket, cylinder	1
30	C43.1101.0001	Cylinder	1
31	GB/T2671.2	Screw M5x20, cylinder	4
32	A45.0106.0500	Spark plug	1
33	C43.1101.0005	Cylinder top housing	1
34	C43.0106.0200	Wire	1
35	C43.1106.0001	Spark plug cap	1
36	GB/T2671.220061082	Screw M5x25, ignition	2
37	C43.1106.0200	Ignition	1
38	GB/T119.2	Pin ϕ 5x10	2
39	C43.1102.0002	Crankcase, left side	1

ENGINE

	Part number	Part name	Quantity
40	GB/T2671.2	Screw M5x30	4
50	GB/T2671.220061082	Screw M5x25	4
51	C43.0108.0100	Clutch drum	1
52	GB/T893.1-20054564	Circlip 35	1
53	GB/T276	Bearing 6202-2z	1
54	GB/T894.1-20061548	Circlip 15	1
55	C52.1108.0001	Clutch drum housing	1
56	GB/T2671.220061120	Screw M6x20	4
57	C52.1108.0002	Shock absorbing sleeve	1
58	C52.1108.0004	Clamp, right	1
59	C52.1108.0003	Clamp, left	1
60	GB/T2671.220061082	Screw M5x25	2
61	GB/T2671.2	Screw M5x12	1
62	GB/T2671.220061119	Screw M6x55	2
63	GB/T2671.2	Screw M5x12	1
64	C43.1101.0003	Muffler cover	1
65	GB/T97.1	Flat washer 6	2
66	114321010605	Muffler (w/spark catcher net)	1
67	C43.1101.0007	Gasket, muffler	1
68	C43.0101.0005	Gasket, muffler	1
69	GB/T2671.2	Plum screw M5x12	1
70	GB/T2671.2	Plum screw M4x12	1
71	C43.0101.0003	Gasket, air inlet pipe	1
72	C43.1101.0100	Air inlet pipe	1
73	GB/T818	Cross recessed screw M4x6	1
74	C43.1101.0006	Throttle cable pressure plate	1
75	GB/T2671.220061082	Screw M5x25	2
76	A38.0301.0010	Gasket, carburetor	1
77	C43.1101.0600	Carburetor	1
78	C43.0104.0000	Air filter assembly	1
79	C43.0104.0001	Air filter base	1
80	GB/T2671.220061082	Screw M5x45	2
81	C43.0104.0003	Cartridge	1
82	C43.0104.0002	Air filter cover	1
83	C43.1107.0101	Fuel tank cover	1
84	C43.1107.0103	Sealing gasket	1
85	C43.1107.0102	Anti-drop plate	1
86	C43.1107.0001-1	Oil tank (fluoride treatment)	1
87	C43.1107.0002	Rubber lining ring	4

ENGINE

	Part number	Part name	Quantity
88	C43.1101.0004	Fuel tank housing	1
89	GB/T2671.220061082	Screw M5x25, fuel tank	4
90	A45.0111.0200	Balancer	1
91	C43.1107.0006	Ventilation tube (EPA certified)	1
92	C43.1107.0004	Fuel tube (EPA certified)	1
93	C43.1107.0005	Oil return line (EPA certified)	1
94	C43.1107.0003	Retainer, fuel tube	1
95	A45.0102.0103	Oil pipe clamping spring	1
96	A38.0311.0500	Fuel filter	1
97	GB/T845	Self-tapping screw ST4x5	1
98	114321010606	Spark catcher net	1
99	E44.0110.004	Spark catcher net fixing sleeve	1