



AVAILABLE ATTACHMENTS & ACCESSORIES

Accessories

103942147	CS Carry Bag
89850308032	Blade Cover - 4.5 x 17in.
99988800207	CS Removable Nose Case

Guide Bars

12A0CD3745	Guide Bar - 12"
14A0CD3752	Guide Bar - 14"

Sawing Chains

91VG45G	Chain - 12"
91VG52G	Chain - 14"

PARTS CATALOG

CS-280EP CHAIN SAW

27.9cc

MODEL: SERIAL NUMBERS

CS-280EP: S/N 120269 - 313000

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM



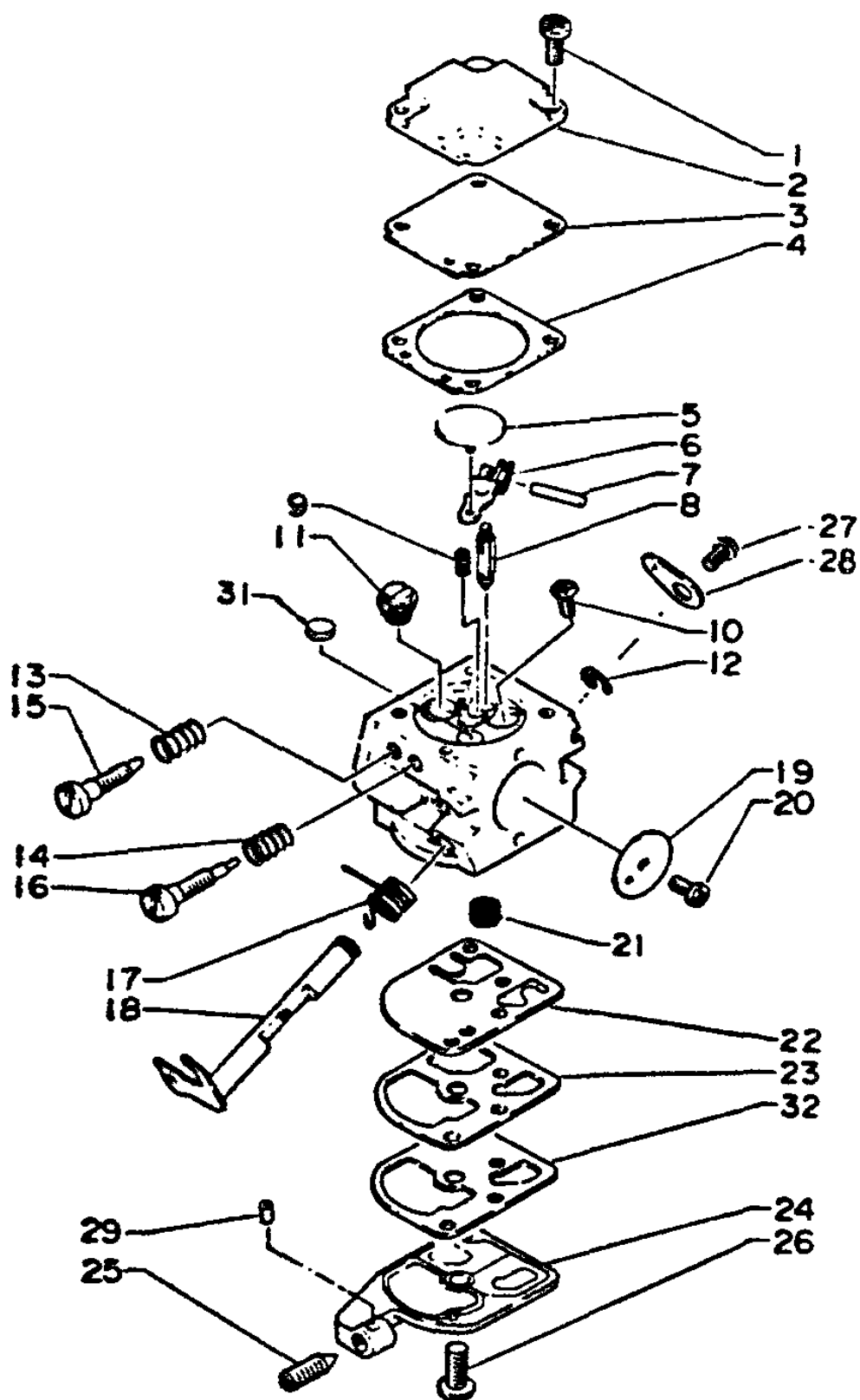
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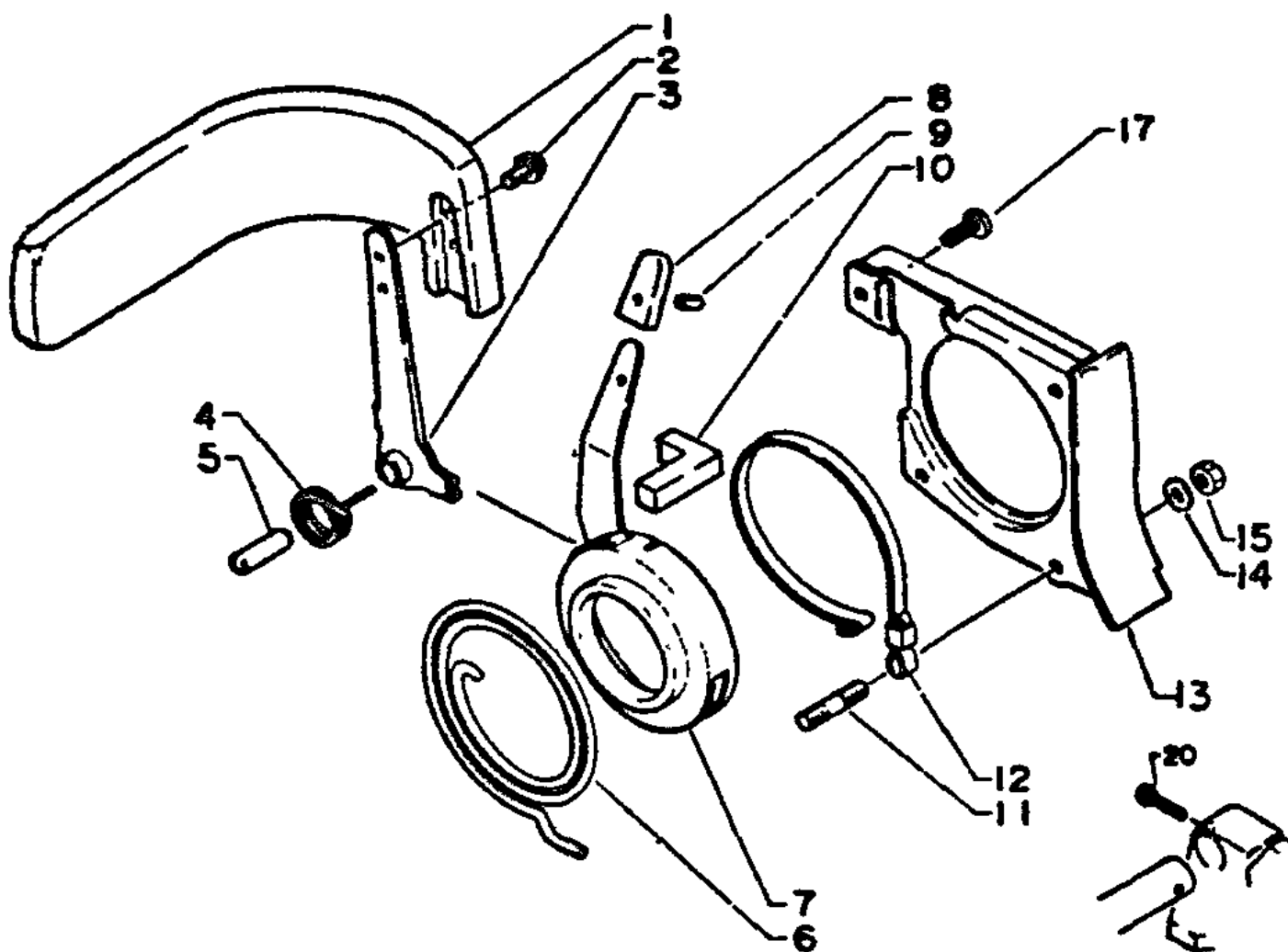
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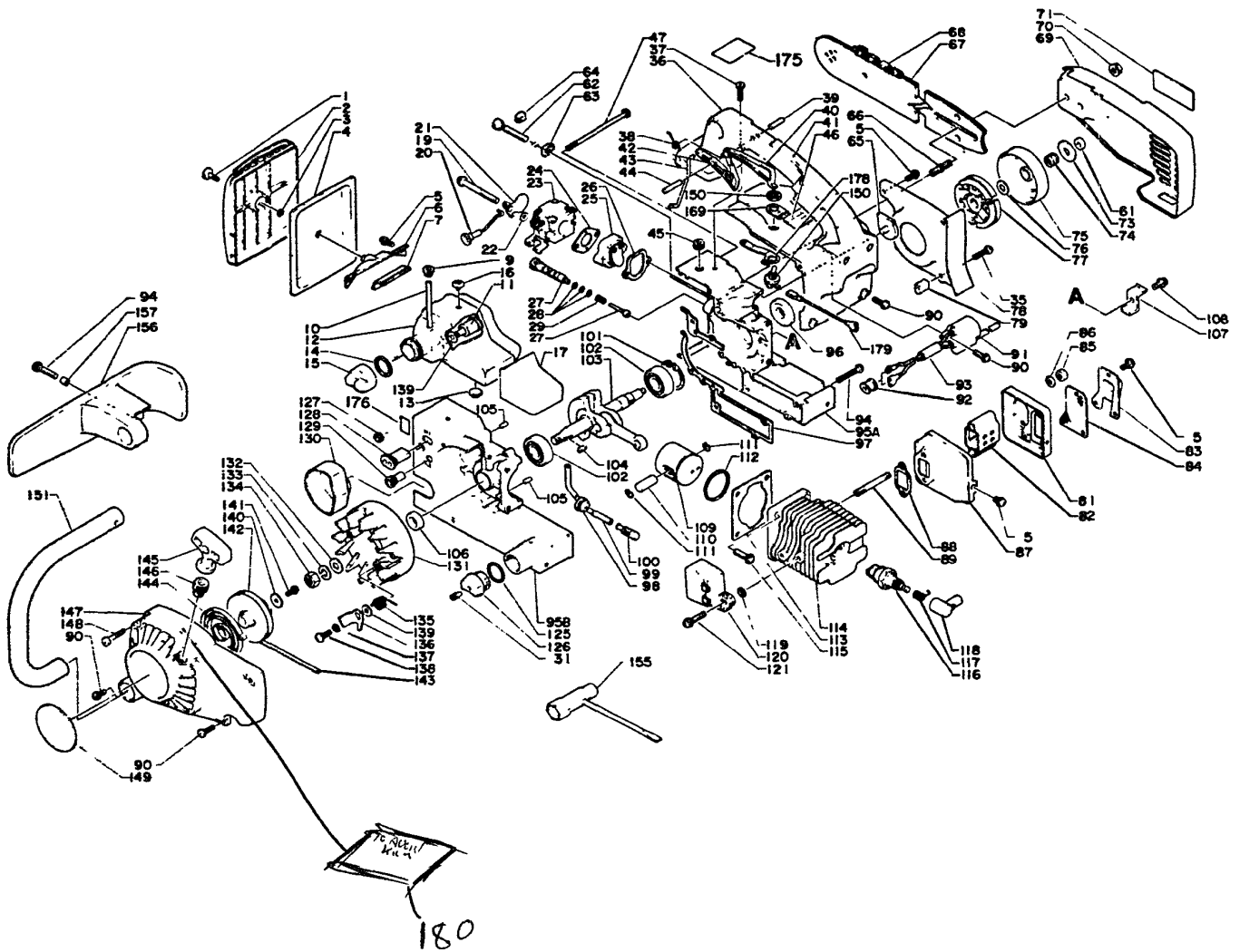


ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12520013932	1	Carburetor ass'y C1S-K1B	Consists of 1 thru 32
1	12534413930	4	Screw	
2	12534213930	1	Cover, diaphragm	
3		1	Diaphragm	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115130
4		1	Gasket, diaphragm	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115130
5	12537513930	1	Disc	
6		1	Valve arm	Included in Repair Kit P/N 12530015130
7		1	Arm pin	Included in Repair Kit P/N 12530015130
8		1	Needle valve	
9		1	Coil spring	
10	12533913930	1	Screw	
11	12537613930	1	Orifice, main fuel	Included in Repair Kit P/N 12530015130
12	12532713930	1	Clip	
13	12531913930	1	Coil spring	
14	12531913930	1	Coil spring	
15	12532013930	1	Needle, high speed	
16	12531813930	1	Needle, idle	
17	12531313930	1	Return spring, throttle	
18	12531713930	1	Throttle shaft	
19	12531613930	1	Throttle shaft	
19	12531613930	1	Throttle shutter	
20		1	Screw	Included in Repair Kit P/N 12530015130
21		1	Screen	Included in Repair Kit P/N 12530015130
22		1	Diaphragm, fuel pump	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115130
23		1	Gasket, fuel pump	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115130
24	12532413931	1	Pump cover	
25	12533413930	1	Screw, idle adjustment	
26	12531013930	1	Screw	
27	12534813930	1	Screw	
28	12535013931	1	Throttle lever	
29	12537813930	1	Friction piece	
31	12534513930	1	Welsh plug	
32		1	Diaphragm surge	Included in Repair Kit P/N 12530015130 & Gasket, Diaphragm Kit P/N 12530115130
	12530015130		Repair Kit	Includes items 3,4,6,7,8,9,11,20,21,22,23 & 32
	12530115130		Gasket, Diaphragm Kit	Includes items 3,4,22,23 & 32



CS-280E CHAIN SAW
Chain Brake

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	43311113930	1	Brake handle	
2	90024204012	2	Screw 4x12	
3	43311213930	1	Arm	
4	43311413930	1	Spring	
5	90033460020	1	Shaft	
6	43312213930	1	Brake spring	
7	43310913931	1	Band case	
8	43315213930	1	Grip	
9	90034030008	1	Spring pin 3 x 8	
10	43331313930	1	Dust Seal	
11	43313013930	1	Stud	
12	43312313932	1	Brake band	
13	43330513931	1	Seal plate	
14	17721403930	1	Washer	
15	90050000004	1	Nut 4	
17	90022004010	1	Screw 4 x 10	
20	90024204020	1	Screw 4x20	



ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	13030215032	1	Cover ass'y, air cleaner	Includes items 1-3
1	13040613932	1	Thumb bolt	
2	13031315032	1	Cover, air cleaner	
3	90070000004	1	E-ring 4	
4	13031013930	1	Air filter	
5		4	Screw 4x10 w/W, SW	
6	13040513931	1	Bracket, air filter	
7	13192013930	1	Cushion	
9	13211501460	1	Grommet	
10	13201013932	1	Fuel pipe	
11	13120500830	1	Fuel strainer	
12	13101013930	1	Fuel tank	See Parts Bulletin 87-11
13	10022313931	1	Cushion	
	13100413932	1	Cap ass'y, fuel tank	Includes item 14
14	13101613931	1	Gasket, fuel tank	
15	13101713932	1	Cap, fuel tank	Includes item 14
16	13131400330	1	Check valve	See Parts Bulletin 87-11
17	13192413930	1	Cushion	
19	90024205050	2	Screw 5x50 w/W, SW	
20	17851013930	1	Choke rod	
21	17851513930	1	Choke shutter	
22	17851603930	2	Spacer	
23	12520013934	1	Carburetor ass'y	
24	13001606431	1	Gasket	
25	13000013932	1	Insulator	
26	13001013930	1	Gasket	
27	43700011230	1	Auto oiler ass'y	Includes items 28-29
28	43702002830	3	O-ring	
29	43701902830	1	Coil spring	
35	90024204020		Screw 4x20	
36	35101013934	1	Top handle	
37	90024204018	4	Screw 4x18 w/W SW	
38	17809113931	1	Spring	
39	90034050018	1	Spring pin 5x18	
40	17809013930	1	Throttle control lockout	
41	35101213930	1	Grip, handle	
42	17801013930	1	Throttle trigger	
43	17801113930	1	Throttle rod	
44	90034050025	1	Spring pin 5x25	
45	17821000230	1	Grommet	
46	89015113932	1	Decal	
47	10024413930	2	Screw	
61	10013903930	1	Nut	
62	43301613931	1	Adjusting screw	
63	43301403932	1	Tensioner	
64	43302811030	1	Clip	
65	10061413930		Plug	
66	43301113930	2	Stud	
67		1	Guide bar	
68		1	Saw chain	
69	43300513930	1	Sprocket guard	
70	43301903932	2	Flange nut 6	
71	89011813931	1	Decal, ECHO	
73	17501513931	1	Washer	
74	17501203930	1	Needle bearing	
75	17500515330	1	Clutch case 3/8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
77	17500013930	1	Clutch ass'y	
78	17530513930		Seal plate	
79	17531113930		Spacer	
	14580313932	1	Muffler ass'y (SAM)	Includes items 81-88
85	90025004008	4	Screw 4x8	
81	14586115030	1	Lid	
82	14585913930	1	Adapter	
83	14587613931	1	Muffler lid	
84	14586213931	1	Screen (SAM only)	
87	14585813931	1	Muffler	
88	14551013930	1	Gasket, muffler	
86	14564213930	1	Washer	
89	10102313930	2	Bolt	
90	90024204016	3	Screw 4x16 w/W, SW	
91	15662614930	1	Ignition coil	
92	15611413930	1	Grommet	
93	15661313930	1	Cover tube	
94		7	Screw 4x30	
95	10020013934	1	Crankcase set	Includes item 105
95A			UNKNOWN	
95B			UNKNOWN	
105	10021503930	2	Knock pin	
96	10021303930	1	Oil seal	
97	10024213932	1	Gasket, crankcase	
98	13211511130	1	Grommet	
99	43721013930	1	Oil pipe	
100	43620502832	1	Oil strainer	
101	90070200032	1	Circlip 32	
102	90081036201	2	Ball bearing 6201	
103	10010013931	1	Crankshaft ass'y	
104	10013106520	1	Woodruff key	
106	10021211230	1	Oil seal	
107	43300013931	1	Chain catcher	Includes item 108
108	90024205010	1	Screw 5x10	
109	10001015330	1	Piston	
110	10001315330	1	Piston pin	
111	10001504630	2	Circlip. piston pin	
112	10001105731	1	Piston ring	
113	10101013930	1	Gasket, cylinder base	
114	10103413930	1	Cylinder	
115	90024205020	4	Screw 5x20 w/W, SW	
116	15901013930	1	Spark plug CJ8Y	
117	15901100510	1	Coil spring, plug cap	
118	15901201620	1	Cap, spark plug	
119	15211705530	2	Spacer	
120	15660115030	1	C.D. Ignition module	
121	90024205022	2	Screw 5x22 w/W, SW	
126	43600113932	1	Cap ass'y, oil tank	Includes items 31 & 125
31	43611413930	1	Check valve (s)	
125	90072000016	1	O-ring 16	
127	17881003330	1	Grommet	
128	12901013930	1	Grommet	
129	12901513930	1	Grommet	
130	13103813930	1	Seal	
131	15680013930	1	Flywheel	
132	90060000008	1	Washer 8	

CS-280E CHAIN SAW

Unit Complete

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
133	90060500008	1	Spring washer 8	
134	90050200008	1	Nut 8	
135	17723413930	2	Return spring, ratchet	
136	17721813930	2	Ratchet	
137	17724704630	2	Spacer	
138	17721713930	2	Screw	
139	90060300005	2	Washer	
	17720013932	1	Recoil starter ass'y	Includes items 140-147 & 192
140	90060300004	1	Washer	
141	90024104010	1	Screw 4x10 w/SW	
142	17721519730	1	Recoil drum	
143	17722603930	1	Rope	
144	17722019730	1	Rewind spring	
145	17722811130	1	Starter handle	
146	17722705330	1	Rope guide	
147	10150713931	1	Fan cover	
192	17724213930	1	Side Plate	
148	90024204025	1	Screw 4x25 w/W, SW	
149	89011217831	1	Decal	
150	16340006520	1	Switch	
151	35120513932	1	Front handle	
155	89541003930	1	Wrench w/s driver	
156	35182613931		Guard, front	
157	35182713930		Spacer	
169	89015713930	1	Decal, switch	
175	89017613031	1	Decal, noise	
176	89012112331	1	Decal, choke	
178	16341313930	1	Ground plate	
179	16202113931	1	Lead wire	
180	90024804016	2	Screw 4x16	
181	90024804022	1	Screw 4x22	
183	12901104630	1	Plate	



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NOTES



ECHO, INCORPORATED

400 Oakwood Road
Lake Zurich, IL 60047 USA

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