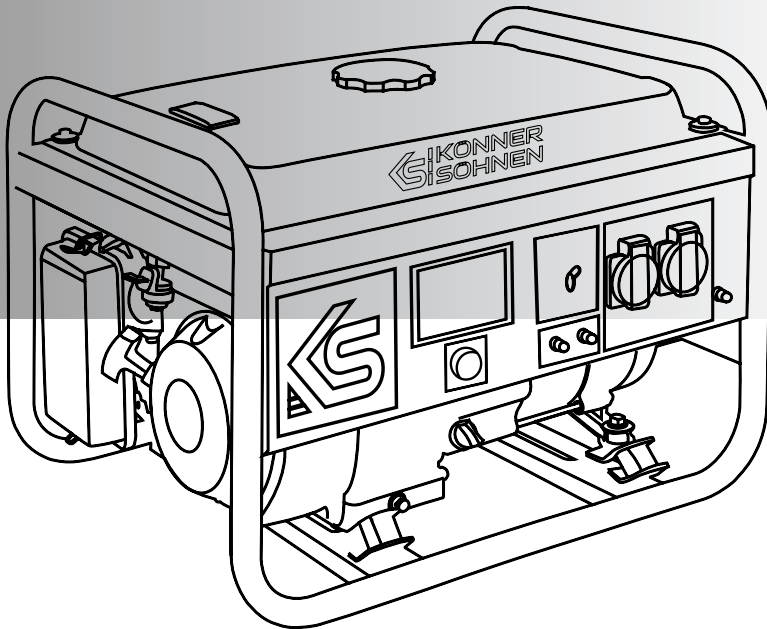


GASOLINE GENERATOR EXPLODED VIEW

KS 7000E ATS, KS 7000E-3 ATS,
KS 10000E ATS, KS 10000E-3 ATS



TRADITIONELLE DEUTSCHE QUALITÄT

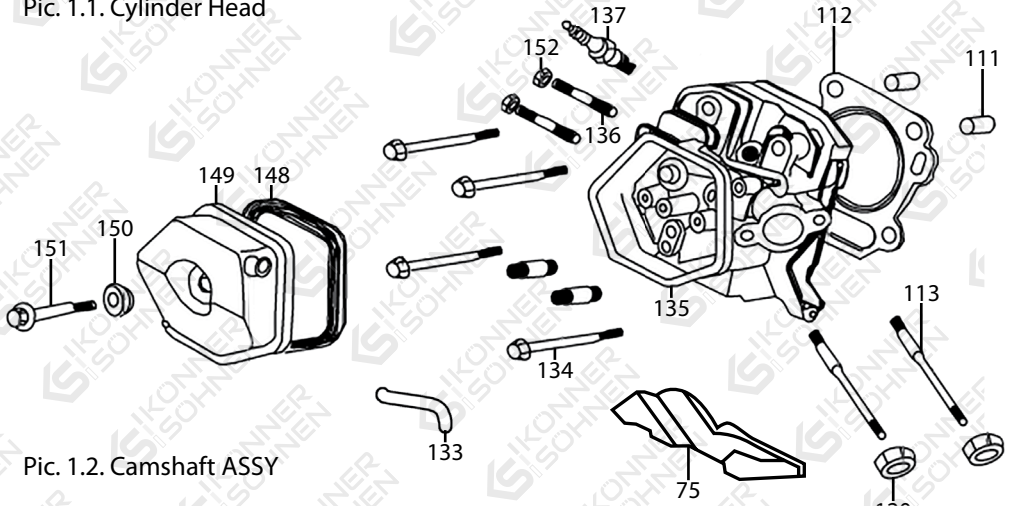
CONTENTS

1. Parts of engine	2
2. Parts of starter motor	7
3. Parts of alternator	7
4. Parts of panel	8
5. Parts of cover shell	9
6. Parts of fuel tank	9
7. Whole set, gasoline engine	10
8. Electric schemes	20

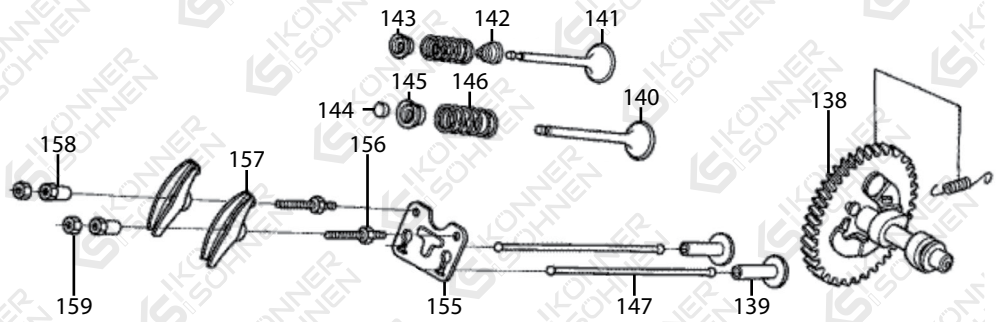
! This material is for informational purposes only and is not an instruction. The connection of the equipment in each case must be performed by a certified electrician, in accordance with local laws and regulations. Before connecting, we urge you to read the recommendations in the manual for the generator. The manufacturer is not responsible for improper connection of equipment, and is not responsible for possible material and physical damage that may occur as a result of improper installation, connection or operation of equipment.

1. PARTS OF ENGINE

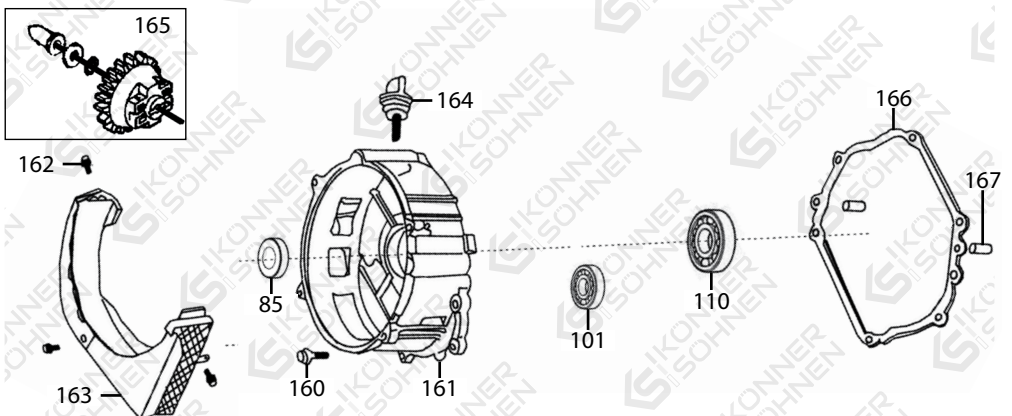
Pic. 1.1. Cylinder Head



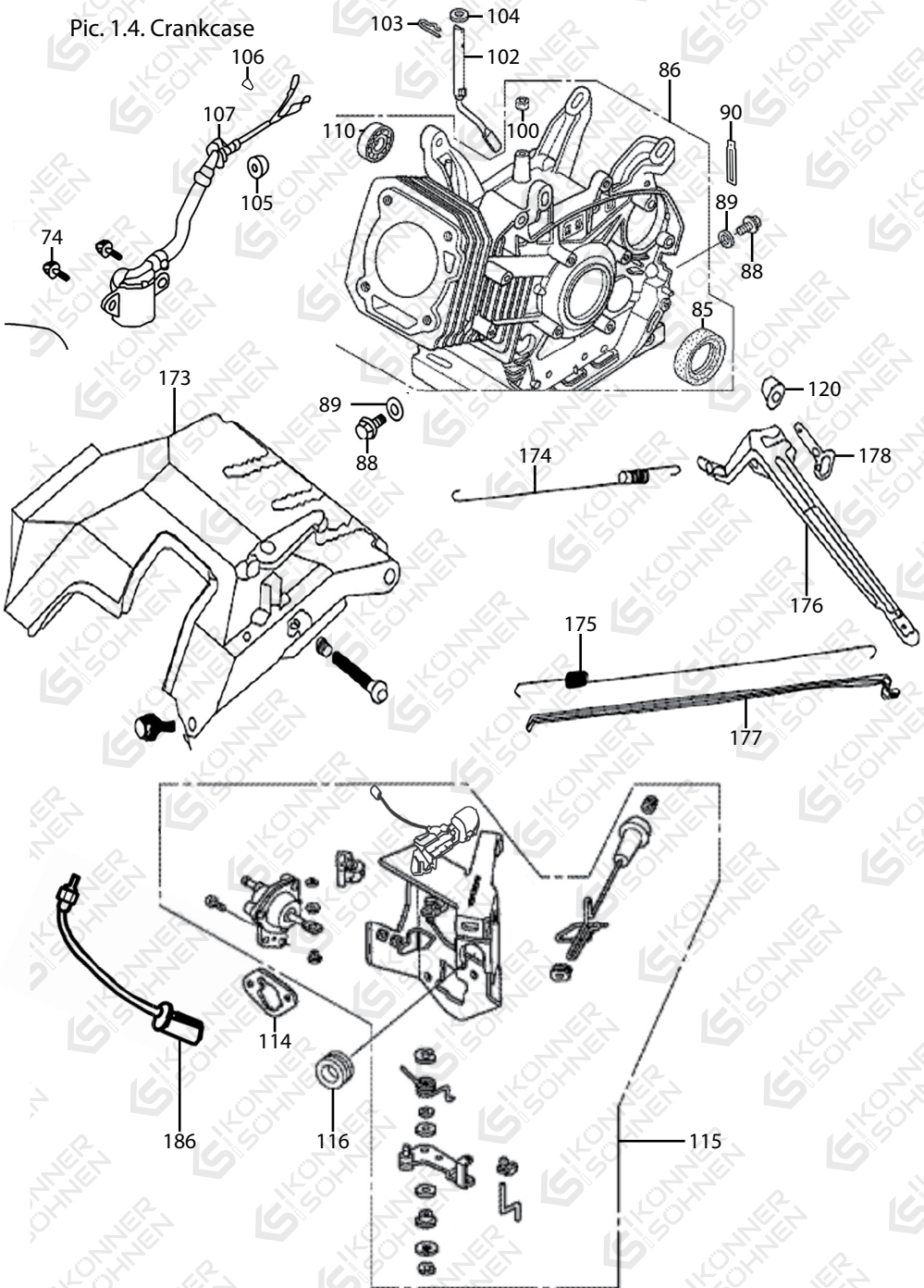
Pic. 1.2. Camshaft ASSY



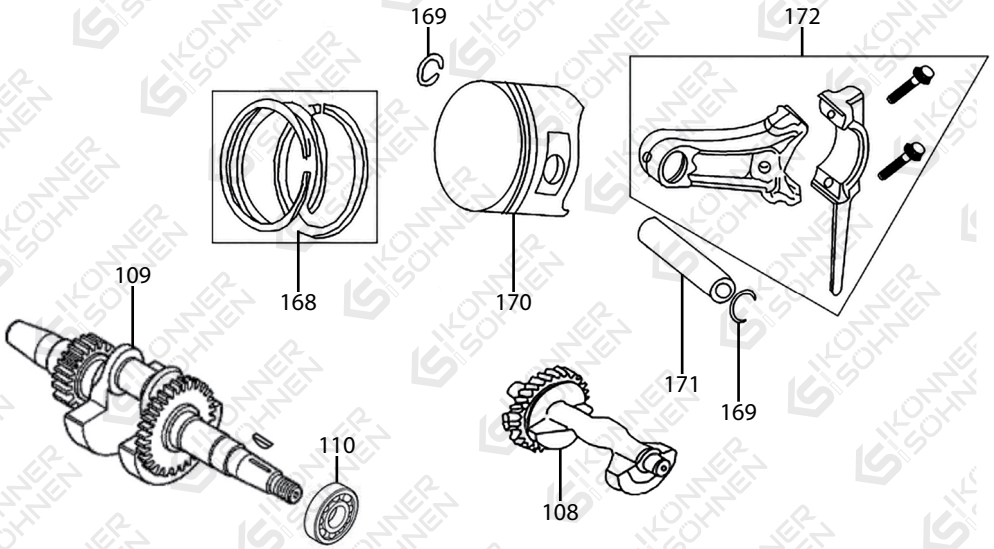
Pic. 1.3. Crankcase Cover



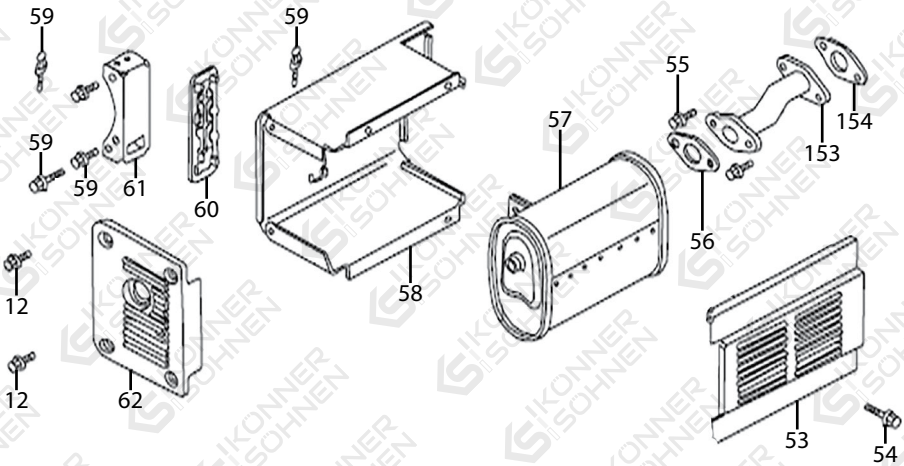
Pic. 1.4. Crankcase



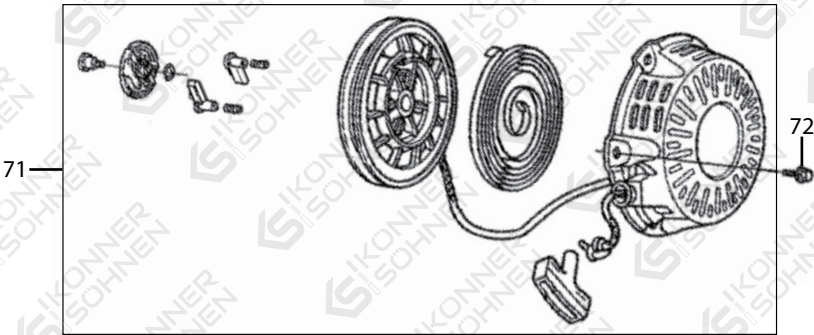
Pic. 1.5. Crankshaft



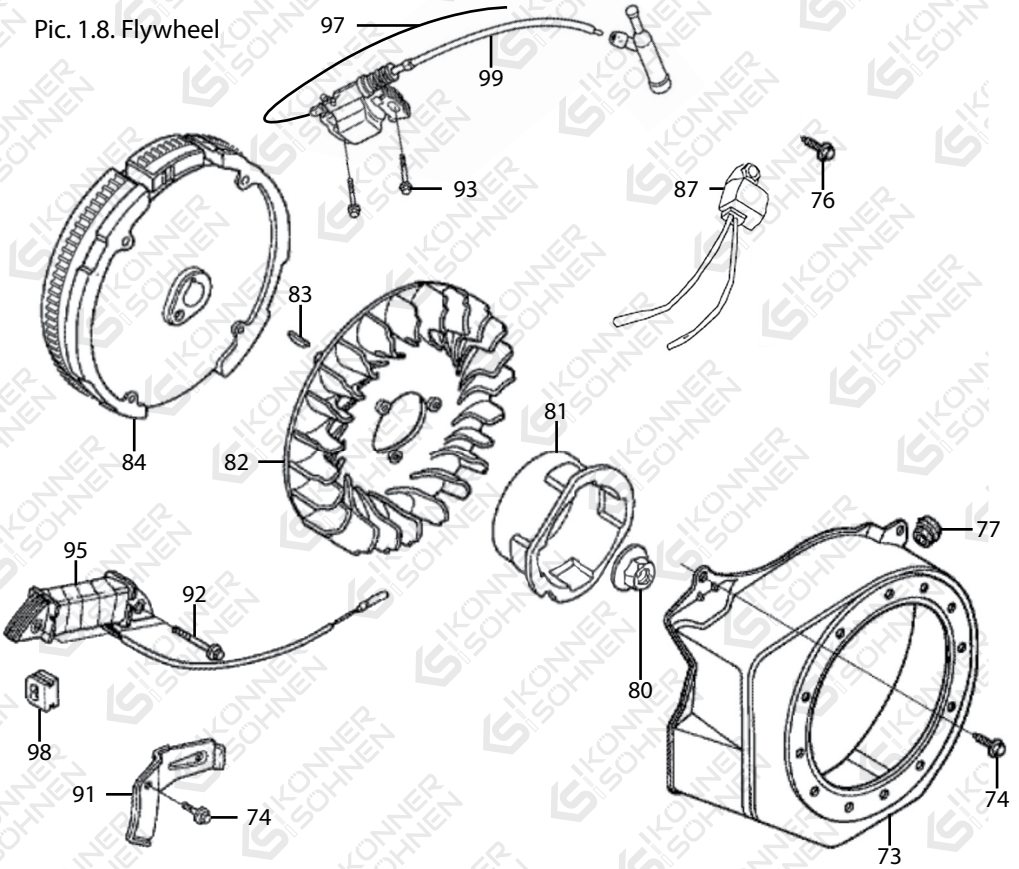
Pic. 1.6. Muffler



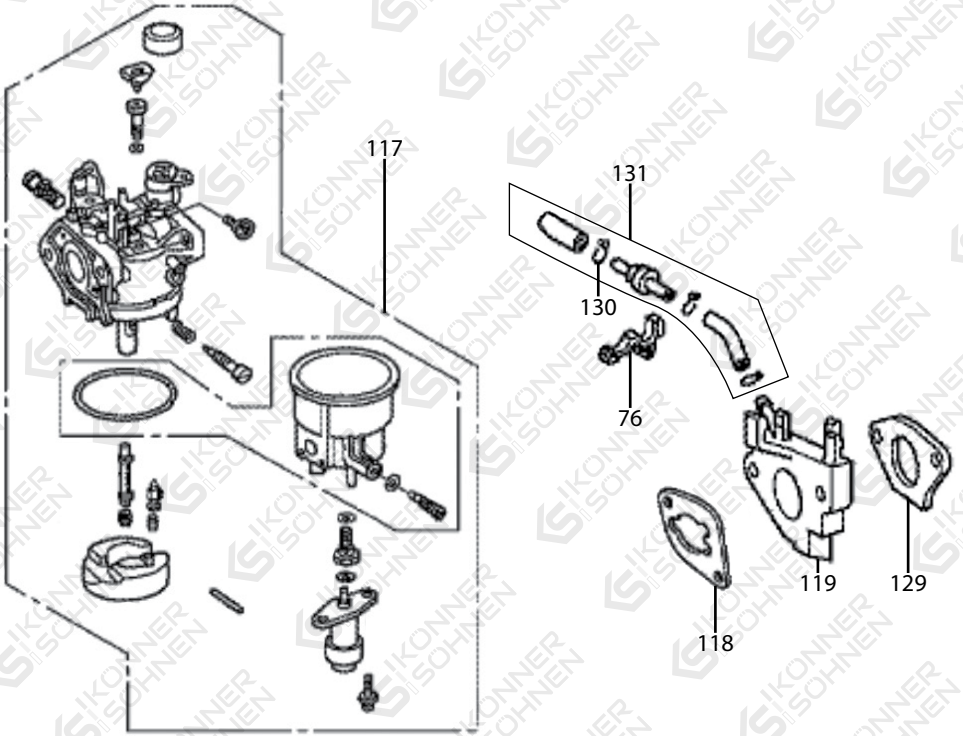
Pic. 1.7. Recoil Starter



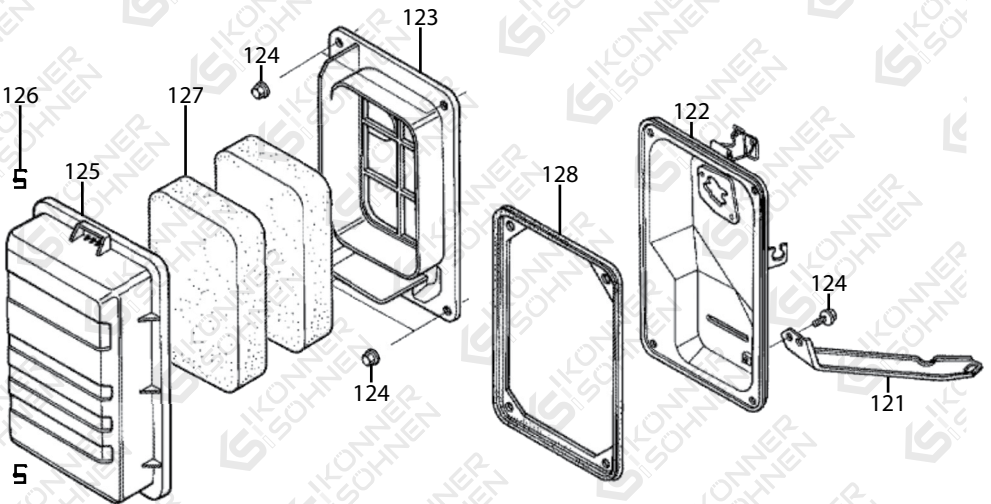
Pic. 1.8. Flywheel



Pic. 1.9. Carburetor

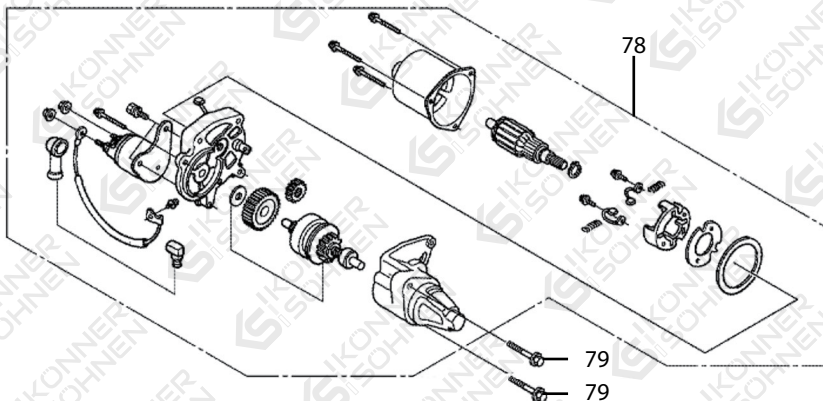


Pic. 1.10. Air Cleaner



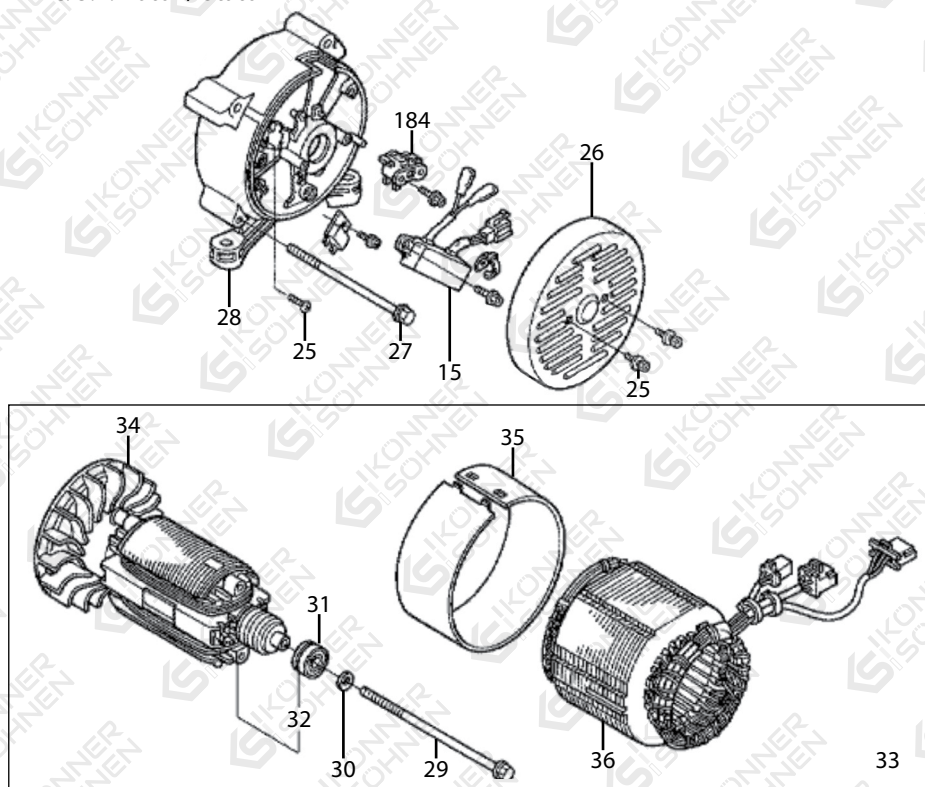
2. PARTS OF STARTER MOTOR

Pic. 2.1.



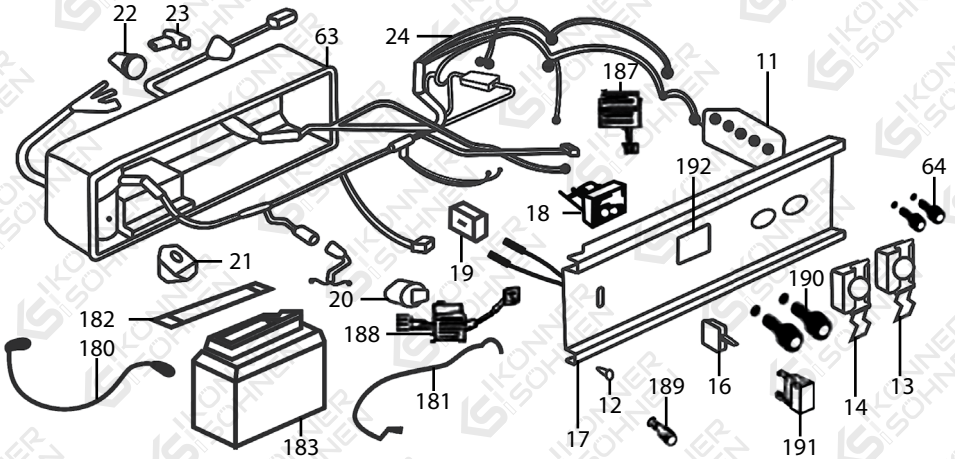
3. PARTS OF ALTERNATOR

Pic. 3.1. Rotor / Stator



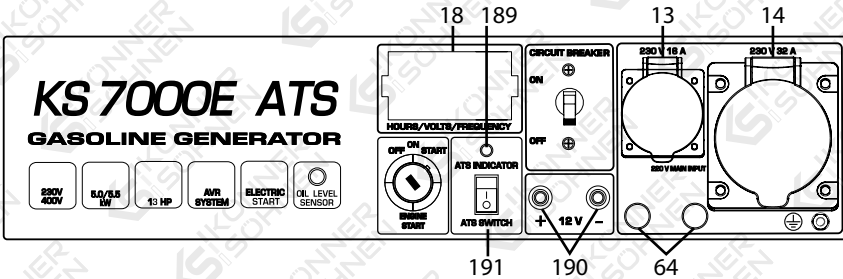
4. PARTS OF PANEL

Pic. 4.1.



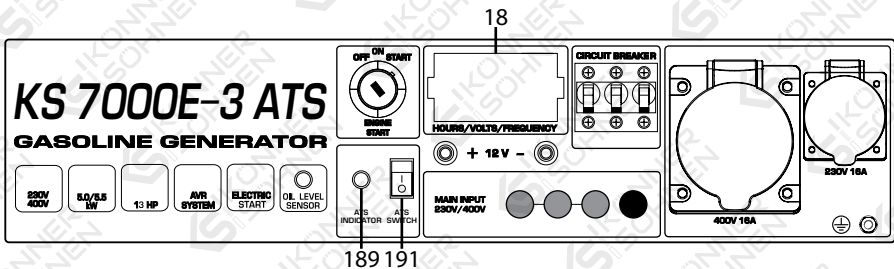
Pic. 4.2.

for models *KS 7000E ATS, KS 10000E ATS*



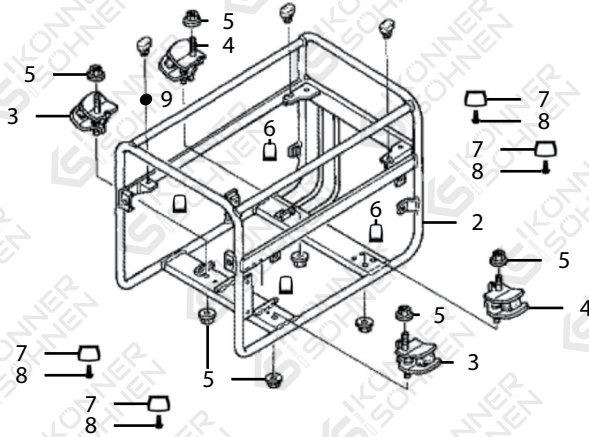
Pic. 4.3.

for models *KS 7000E-3 ATS, KS 10000E-3 ATS*



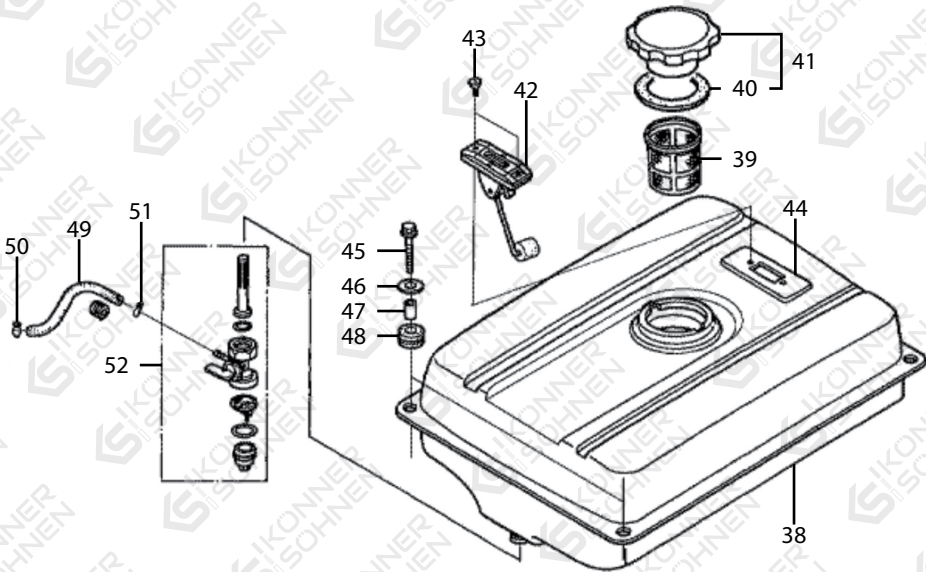
5. PARTS OF COVER SHELL

Pic. 5.1.



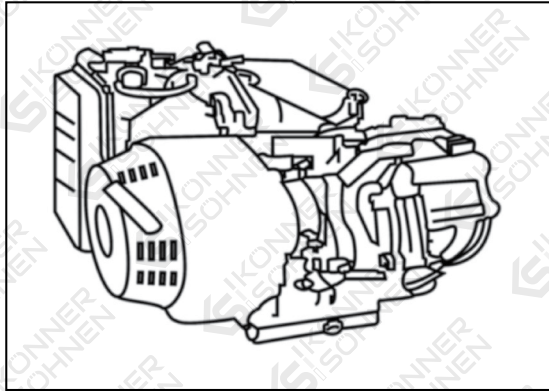
6. PARTS OF FUEL TANK

Pic. 6.1.



7. WHOLE SET, GASOLINE ENGINE

Pic. 7.1.



No	REF. No	DESCRIPTION	QTY
1	KS 7000E ATS-1	Gasoline Engine, Whole set	1
2	KS 7000E ATS-2	Frame COMP	1
3	KS 7000E ATS-3	Bottom Rubber A	2
4	KS 7000E ATS-4	Bottom Rubber B	2
5	KS 7000E ATS-5	Flange Nut M8	12
6	KS 7000E ATS-6	Flange Nut M6	4
7	KS 7000E ATS-7	Cushion, Frame	4
8	KS 7000E ATS-8	Bolt M6*12	4
9	KS 7000E ATS-9	Rubber Pad, Frame	2
11	KS 7000E ATS-11	Earth Terminal Set	1
12	KS 7000E ATS-12	Fange Bolt M6*12	8
13	KS 7000E ATS-13	Receptacle	1
14	KS 7000E ATS-14	Receptacle	1
15	KS 7000E ATS-15	Voltage Regulator	1
16	KS 7000E ATS-16	Circuit Breaker	1
17	KS 7000E ATS-17	Control Pane	1
18	KS 7000E ATS-18	Voltmeter	1
19	KS 7000E ATS-19	Diode ASSY	1
20	KS 7000E ATS-20	Engine Switch	1
21	KS 7000E ATS-21	Boot, Engine switch	1

No	REF. No	DESCRIPTION	QTY
22	KS 7000E ATS-22	Boot, Main wire harness	1
23	KS 7000E ATS-23	Boot, AC output wire	1
24	KS 7000E ATS-24	Wire Harness ASSY	1
25	KS 7000E ATS-25	Flange Bolt M5*12	2
26	KS 7000E ATS-26	Alternator Cover	1
27	KS 7000E ATS-27	Flange Bolt M6*175	4
28	KS 7000E ATS-28	Supporting Stand	1
29	KS 7000E ATS-29	Bolt M10*1.25*265	1
30	KS 7000E ATS-30	Plain washer 10	1
31	KS 7000E ATS-31	Bearing 6207-2RS	1
32	KS 7000E ATS-32	Rotator COMP	1
33	KS 7000E ATS-33	Stator & Rotator ASSY	1
34	KS 7000E ATS-34	Generator Fan	1
35	KS 7000E ATS-35	Stator Cover	1
36	KS 7000E ATS-36	Stator ASSY	1
38	KS 7000E ATS-38	Fuel Tank	1
39	KS 7000E ATS-39	Fuel Filter	1
40	KS 7000E ATS-40	Packing Ring	1
41	KS 7000E ATS-41	Fuel Filler Cap COMP	1
42	KS 7000E ATS-42	Fuel Sensor	1

No	REF. No	DESCRIPTION	QTY
41	KS 7000E ATS-41	Fuel Filler Cap COMP	1
42	KS 7000E ATS-42	Fuel Sensor	1
43	KS 7000E ATS-43	Screw M5*1	2
44	KS 7000E ATS-44	Gasket, Fuel tank	1
45	KS 7000E ATS-45	Flange Bolt M6*22	4
46	KS 7000E ATS-46	Washer	4
47	KS 7000E ATS-47	Collar	4
48	KS 7000E ATS-48	Cushion	4
49	KS 7000E ATS-49	Outlet pipe 4.5*165	1
50	KS 7000E ATS-50	Tube Clip	2
51	KS 7000E ATS-51	Rubber, Fuel tube	1
52	KS 7000E ATS-52	Fuel Cock	1
53	KS 7000E ATS-53	Muffler Protector	1
54	KS 7000E ATS-54	Flange Bolt M6*14	4
55	KS 7000E ATS-55	Flange Bolt M8*32	2
56	KS 7000E ATS-56	Gasket (B) EX. Pipe	1
57	KS 7000E ATS-57	Muffler	1
59	KS 7000E ATS-59	Flange Bolt M8*16	4
61	KS 7000E ATS-61	Muffler Stay COMP	1
62	KS 7000E ATS-62	Side Muffler Protector	1

No	REF. No	DESCRIPTION	QTY
63	KS 7000E ATS-63	Control Panel Case	1
64	KS 7000E ATS-64	DC Output Post	2
65	KS 7000E ATS-65	Wheel ASSY KS 5-10 Kit	1
71	KS 7000E ATS-71	Recoiler COMP	1
72	KS 7000E ATS-72	Flange Bolt M6*8	3
73	KS 7000E ATS-73	Fan, Cover COMP	1
74	KS 7000E ATS-74	Flange Bolt M6*12	13
75	KS 7000E ATS-75	Shroud COMP	1
76	KS 7000E ATS-76	Clip, Oil blocker	1
77	KS 7000E ATS-77	Grommet Drain Hole	1
78	KS 7000E ATS-78	Start Motor	1
79	KS 7000E ATS-79	Flange Bolt M8*35	2
80	KS 7000E ATS-80	Flange Nut M16	1
81	KS 7000E ATS-81	Starting Pulley	1
82	KS 7000E ATS-82	Cooling Fan	1
83	KS 7000E ATS-83	Key	1
84	KS 7000E ATS-84	Flywheel COMP	1
85	KS 7000E ATS-85	Oil Seal, 35*52*8	2
86	KS 7000E ATS-86	Crank Case ASSY	1
87	KS 7000E ATS-87	Oil blocker	1

No	REF. No	DESCRIPTION	QTY
88	KS 7000E ATS-88	Bolt, Drain plug	2
89	KS 7000E ATS-89	Washer, Drain plug	2
90	KS 7000E ATS-90	Clip, Wire	1
91	KS 7000E ATS-91	Clamper	1
93	KS 7000E-93	Bolt M6*35	2
95	KS 7000E-95	Coil Assy, Fuel Cut	1
97	KS 7000E ATS-97	Cord Stop Switch	1
98	KS 7000E ATS-98	Grommet Cord	1
99	KS 7000E ATS-99	Coil ASSY, Ignition	1
100	KS 7000E ATS-100	Oil Seal, 8*14*5	1
101	KS 7000E ATS-101	Radial Ball Bearing (6202)	1
102	KS 7000E ATS-102	Shaft, Governor arm	1
103	KS 7000E ATS-103	Pin, Lock, 10mm	1
104	KS 7000E ATS-104	Washer, 8.2*170.8	1
105	KS 7000E ATS-105	Flange Nut M10	1
106	KS 7000E ATS-106	O-ring, 14mm	1
107	KS 7000E ATS-107	Switch ASSY, Oil level	1
108	KS 7000E ATS-108	Balancer	1
109	KS 7000E ATS-109	Crankshaft	1
110	KS 7000E ATS-110	Radial Ball Bearing (6207)	2

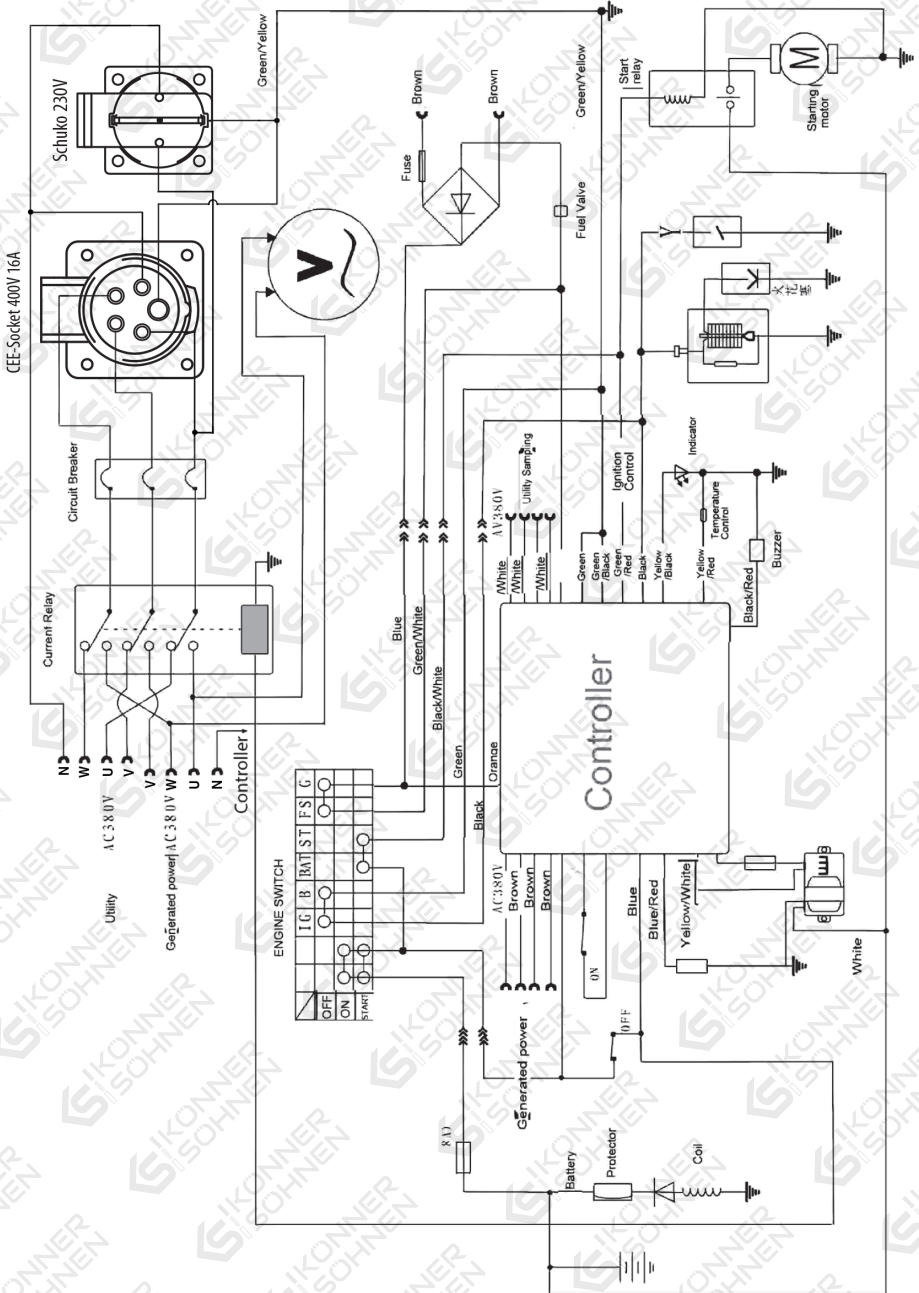
No	REF. No	DESCRIPTION	QTY
111	KS 7000E ATS-111	Pin, Dowel 12*20	2
112	KS 7000E ATS-112	Gasket, Cylinder head	1
113	KS 7000E ATS-113	Bolt Head, 8*106	2
114	KS 7000E ATS-114	Packing, Air cleaner	1
115	KS 7000E ATS-115	Stay ASSY, Manual choke	1
116	KS 7000E ATS-116	Crommet Fender	1
117	KS 7000E ATS-117	Carburetor ASSY	1
118	KS 7000E ATS-118	Packing, Carburetor	1
119	KS 7000E ATS-119	Heat Isolator, Carburetor	1
120	KS 7000E ATS-120	Flange Nut M6	2
121	KS 7000E ATS-121	Stay, Air cleaner	1
122	KS 7000E ATS-122	Case COMP, Air cleaner	1
123	KS 7000E ATS-123	Separator, Air cleaner	1
124	KS 7000E ATS-124	Flange Nut M5	6
125	KS 7000E ATS-125	Cover COMP, Air cleaner	1
126	KS 7000E ATS-126	Clip, Air Cleaner ware	2
127	KS 7000E ATS-127	Element, Air cleaner	2
128	KS 7000E ATS-128	Seal, Air cleaner	1
129	KS 7000E ATS-129	Packing, Heat isolator	1
130	KS 7000E ATS-130	Clip, Tube	4

No	REF. No	DESCRIPTION	QTY
131	KS 7000E ATS-131	Valve, Dashpot check ASSY	1
133	KS 7000E ATS-133	Tube, Breather	1
134	KS 7000E ATS-134	Flange Bolt M10*80	4
135	KS 7000E ATS-135	Head COMP, Cylinder	1
136	KS 7000E ATS-136	Bolt head, M8*34	2
137	KS 7000E ATS-137	Spark Plug	1
138	KS 7000E ATS-138	Camshaft	1
139	KS 7000E ATS-139	Valve lifter	2
140	KS 7000E ATS-140	Intake Valve	1
141	KS 7000E ATS-141	Exhaust Valve	1
142	KS 7000E ATS-142	Seat, Valve spring	1
143	KS 7000E ATS-143	Retainer, EX. Valve spring	1
144	KS 7000E ATS-144	Rotator, Valve	1
145	KS 7000E ATS-145	Retainer, In. Valve spring	1
146	KS 7000E ATS-146	Valve Spring	2
147	KS 7000E ATS-147	Push Rod	2
148	KS 7000E ATS-148	Exhaust Piper	1
149	KS 7000E ATS-149	Cover COMP, Head	1
150	KS 7000E ATS-150	Wahser COMP, Head cover	1
151	KS 7000E ATS-151	Bolt, Head cover	1

No	REF. No	DESCRIPTION	QTY
152	KS 7000E ATS-152	Nut M8	2
153	KS 7000E ATS-153	Pipe COMP EX.	1
154	KS 7000E ATS-154	Gasket (B) EX. Pipe	1
155	KS 7000E ATS-155	Plate, Push rod guide	1
156	KS 7000E ATS-156	Bolt, Pivot	2
157	KS 7000E ATS-157	Arm, Valve rocker	2
158	KS 7000E ATS-158	Nut, Valve rocker arm	2
159	KS 7000E ATS-159	Nut, Pivot adjusting	2
160	KS 7000E ATS-160	Flange Bolt M8*40	7
161	KS 7000E ATS-161	Crankcase Cover	1
162	KS 7000E ATS-162	Flange Bolt M5*10	3
163	KS 7000E ATS-163	Fan Cover	1
164	KS 7000E ATS-164	Cap ASSY, Oil filler	1
165	KS 7000E ATS-165	Governor Kit	1
166	KS 7000E ATS-166	Packing, Case cover	1
167	KS 7000E ATS-167	Pin, Dowel 8*12	2
168	KS 7000E ATS-168	Piston Ring Set	1
169	KS 7000E ATS-169	Clip, Piston pin	2
170	KS 7000E ATS-170	Piston	1
171	KS 7000E ATS-171	Pin, Piston	1
172	KS 7000E ATS-172	Connecting Rod ASSY	1
173	KS 7000E ATS-173	Metal cover	1
174	KS 7000E ATS-174	Governor Spring	1
175	KS 7000E ATS-175	Spring, Throttle return	1

No	REF. No	DESCRIPTION	QTY
176	KS 7000E ATS-176	Governor Arm	1
177	KS 7000E ATS-177	Governor Rod	1
178	KS 7000E ATS-178	Bolt, Governor arm	1
179	KS 7000E ATS-179	Fuse	1
180	KS 7000E ATS-180	Battery Wire, Anode	1
181	KS 7000E ATS-181	Battery Wire, Cathode	1
182	KS 7000E ATS-182	Battery Cover	1
183	KS 7000E ATS-183	Battery	1
184	KS 7000E ATS-184	Brush ASSY	1
185	KS 7000E ATS-185	Choke Valve	1
186	KS 7000E ATS-186	Temperature sensor	1
187	KS 7000E ATS-187	ATS control module	1
188	KS 7000E ATS-188	ATS Relay	1
189	KS 7000E ATS-189	ATS Indicator	1
190	KS 7000E ATS-190	Utility input	2
191	KS 7000E ATS-191	ATS Shift switch	1
193	KS 7000E ATS-193	Oil level sensor	1

Pic. 7.2.
For models KS 7000E-3 ATS, KS 10000E-3 ATS



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