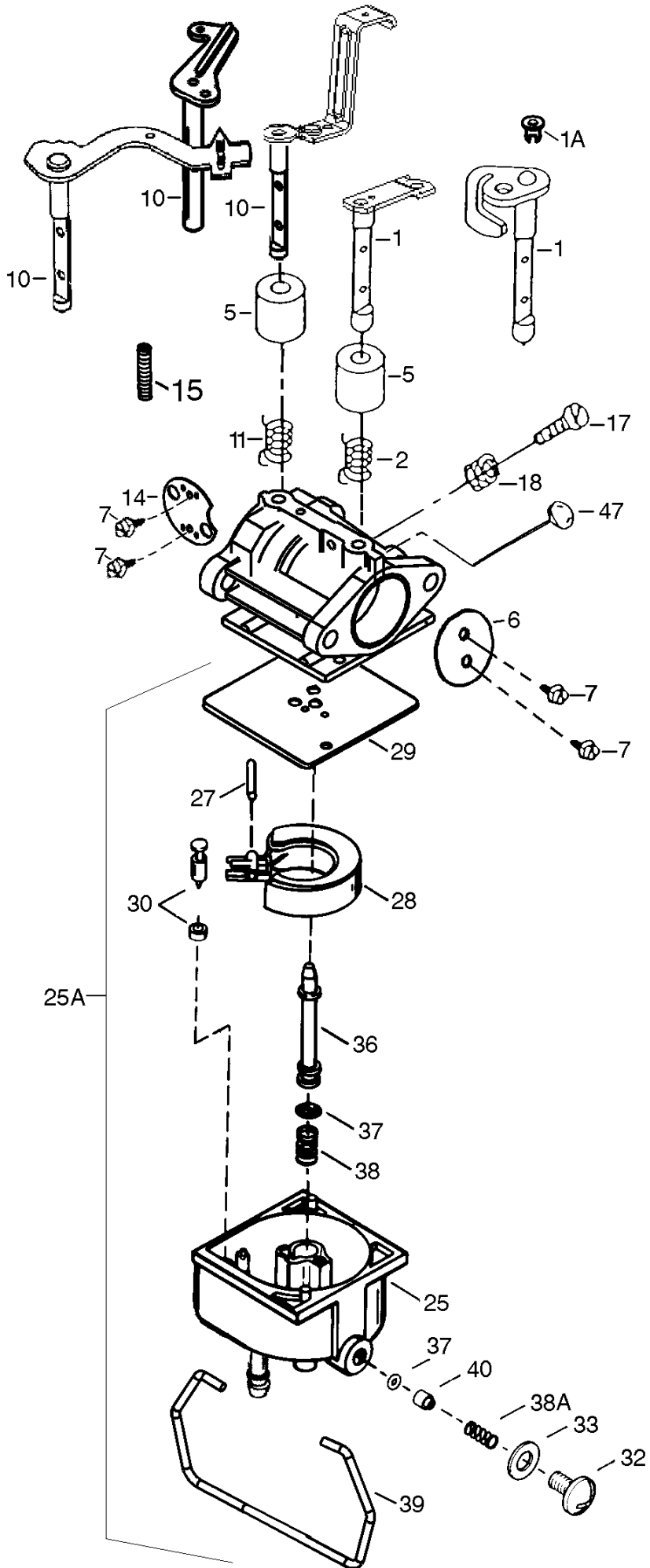


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ES12-1-36795 Illustration

RE	ITEM #	DESCRIPTION	Q	REMARK
0	36795	Electric Starter (12 Volt)	1	
1	33841	Dust Cover	1	
2	33842	Retainer Ring	1	
3	33843	Spring Retainer	1	
4	33854	Anti-drift Spring	1	
5A	36853	Gear & Nut (Incl. 2)	1	
8	36854	Drive End Cap Assembly	1	
9	36855	Armature	1	
14	35897	Thrust Washer	1	
15	36856	Case Bolt	2	
16	36959	End Cap & Brush Card Ass'y	1	(Incl.14,17 & 18)
17	650168	Washer	1	
18	650864	Nut	2	



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TEC-640330 Illustration

REF	ITEM #	DESCRIPTION	Q	REMARK
0	640330	Carburetor	1	(Incl. 184 of Engine Parts Lis
1	640035	Throttle Shaft & Lever Assembl	1	
1A	36288	Throttle Link Bushing	1	
2	640036	Throttle Return Spring	1	
5	640037	Dust Seal	2	
6	640332	Throttle Shutter	1	
7	650506	Throttle Shutter Screws	2	
10	640044	Choke Shaft & Lever Assembly	1	
11	632785	Choke Return Spring	1	
14	640913	Choke Shutter	1	
17	651025	Throttle Crack Screw/Idle Spee	1	
18	630766	Tension Spring	1	
25	640331	Float Bowl Assembly	1	
25A	640334	Bowl Kit	1	
27	632544	Float Shaft	1	
28	632543	Float	1	
29	640047	Float Bowl to Body Gasket	1	
30	632709	Inlet Needle & Seat	1	
32	640041	Bowl Drain Screw	1	
33	27110A	Bowl Drain Washer	1	
36	640067	Main Nozzle Tube	1	
37	632547	O-Ring	2	
38	632545	Spring, Main Nozzle Tube	1	
38A	36918	Spring	1	
39	640218A	Float Bowl Retainer	1	
40	632788	Main Fuel Jet	1	
47	630748	Welch Plug, Idle Mixing Well	1	

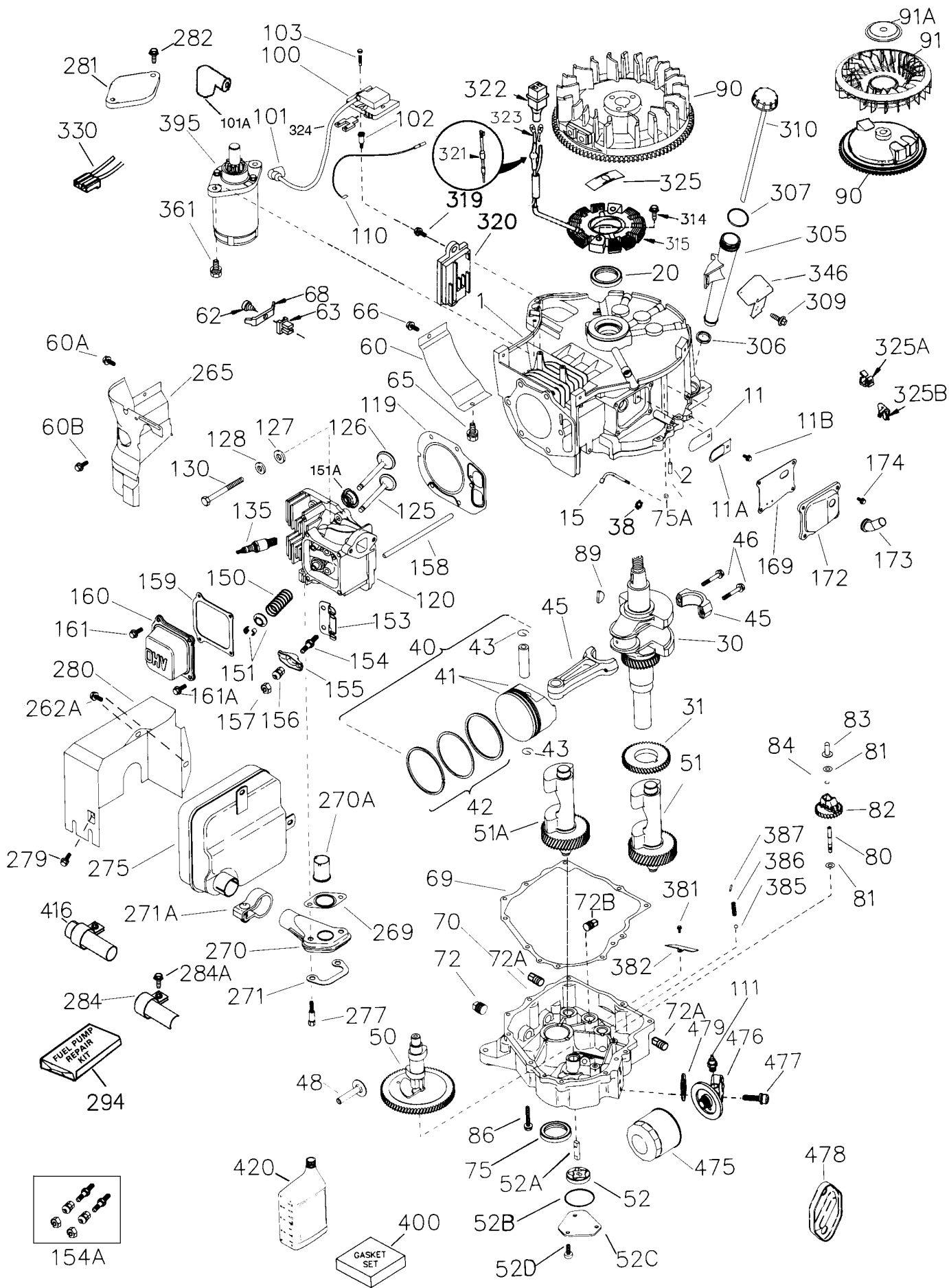
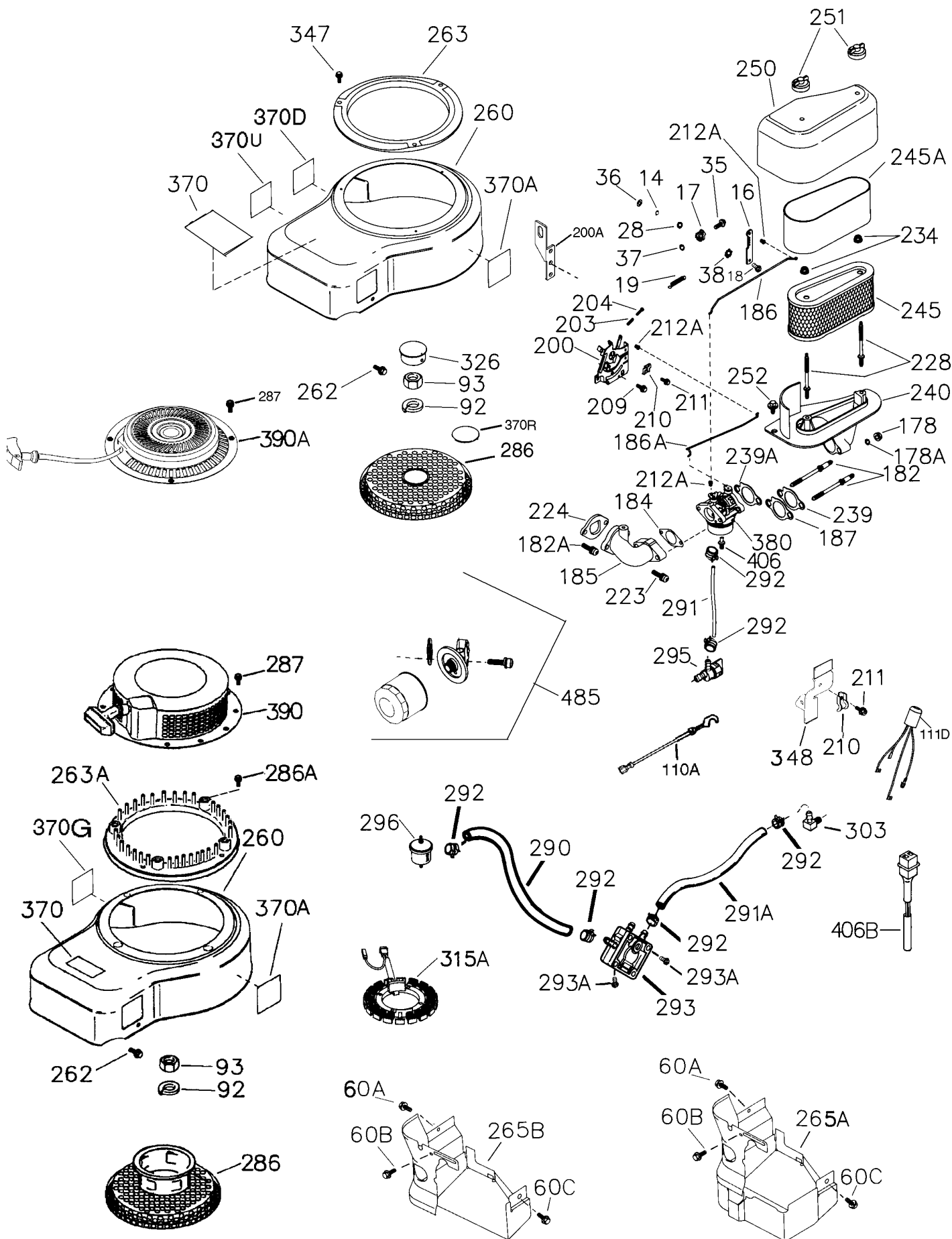


Illustration #1

REF	ITEM #	DESCRIPTION	Q	REMARK
1	37525A	Cylinder (Incl. 2,11B,20,72B &	1	
2	27652	Dowel Pin	2	
11	36302	Check Valve	1	
11A	36303	Breather Plate	1	
11B	650902	Screw, 10-32 x 7/16"	1	
15	37754	Governor Rod	1	
20	36301	Oil Seal	1	
30	36308	Crankshaft	1	
31	36324A	Counterbalance Gear	1	
38	37109	Retaining Ring	1	
40	36312	Piston, Pin & Ring Set (Std.)	1	
40	36313	Piston, Pin & Ring Set (.010"	1	
40	36314	Piston, Pin & Ring Set (.020"	1	
41	36309	Piston & Pin Ass'y. (Std.) (In	1	
41	36310	Piston & Pin Ass'y. (.010" OS)	1	(Incl. 43)
41	36311	Piston & Pin Ass'y. (.020" OS)	1	(Incl. 43)
42	36315	Ring Set (Std.)	1	
42	36316	Ring Set (.010" OS)	1	
42	36317	Ring Set (.020" OS)	1	
43	35772	Piston Pin Retaining Ring	2	
45	36318A	Connecting Rod (Incl. 46)	1	
45	36319A	Connecting Rod Ass'y. (.010" U	1	(Incl. 46)
45	36320A	Connecting Rod Ass'y. (.020" U	1	(Incl. 46)
46	651063	Connecting Rod Bolt	2	
48	36321	Valve Lifter	2	
50	36533A	Camshaft (MCR)	1	
50A	730656	Camshaft Repair Kit		
51	36323	Counterbalance Weight	1	
52	37305	Oil Pump Ass'y.	1	
52A	36331	Oil Pump Shaft	1	
52B	36333	* "O" Ring	1	
52C	36334	Oil Pump Cover (Incl. 52B)	1	
52D	650888	Screw, T-30, 1/4-20 x 43/64"	3	
60	36361	Air Baffle	1	
60A	650273	Screw, 5-16/18 x 17/32"	1	
60B	650867	Screw, 10-24 x 1/2"	1	
65	30063	Screw, T-30, 1/4-20 x 1/2"	1	
66	650737	Screw, 1/4-20 x 1/2"	2	
69	36565	* Mounting Flange Gasket	1	
70	37304A	Mounting Flange	1	(Incl. 72B,75,80,381-387)
72A	28483	Oil Drain Plug	2	
72B	28534	Pipe Plug	3	
75	36301	Oil Seal	1	
75A	510337	Oil Seal (Governor Shaft)	1	
80	35712	Governor Shaft	1	
81	35479A	Washer	2	
82	37756	Governor Gear Ass'y.	1	
83	35322	Governor Spool	1	
84	29193	Retaining Ring	1	
86	650970	Screw, 1/4-20 x 1-15/32"	9	
89	650592	Flywheel Key	1	
90	611243	Flywheel	1	
91	611241A	Flywheel Fan	1	
91A	611242	Flywheel Fan Retainer	1	
100	36344A	Solid State Ignition (Incl. 10	1	
101	610118	Spark Plug Cover	1	
101A	611284	Spark Plug Shield	1	
102	651024	Solid State Mounting Stud	2	
103	651007	Screw, T-15, 10-24 x 15/16"	2	
111	611193	Low Oil Sensor	1	
119	37493	* Cylinder Head Gasket	1	
120	37757	Cylinder Head (Incl. 119,151A	1	
125	35308	Exhaust Valve (Std.)	1	
125	35433	Exhaust Valve (1/32" OS)	1	
126	35309	Intake Valve (Std.)	1	
127	650691	Washer	6	
128	650690	Belleville Washer	6	
130	650946	Screw, 5/16-18 x 2-45/64"	6	
135	34645	Resistor Spark Plug (RN4C)	1	
150	33507	Valve Spring	2	

151	33508	Valve Spring Keeper	2	
151A	40046	Intake Valve Seal	1	
153	36339	Push Rod Guide	1	
154	651077	Rocker Arm Stud	2	
155	35950	Rocker Arm	2	
156	36341	Rocker Arm Bearing	2	
157A	650586	Jam Nut 5/16-24	2	
158	36340	Push Rod	2	
159	35952	* Rocker Arm Cover Gasket	1	
160	35953A	Rocker Arm Housing	1	
161	30063	Screw, T-30, 1/4-20 x 1/2"	4	
169	36304	* Breather Gasket	1	
172	36305	Valve Cover	1	
173	36306	Breather Tube	1	
174	30063	Screw, T-30, 1/4-20 x 1/2"	4	
262A	650802	Screw, 1/4-20 x 5/8"	2	
265	36615	Cylinder Head Cover	1	
269	36365	* Exhaust Manifold Gasket	1	
270	36364	Exhaust Manifold	1	
270A	35829A	Exhaust Port Liner	1	
271	36363	Locking Plate	1	
271A	36371	Muffler Clamp	1	
275	36372	Muffler	1	
277	650876	Screw, 5/16-18 x 1-9/32"	2	
292B	36946	Fuel Line Clamp	1	
294	35791	Pulse Pump Repair Kit	1	
305	36349	Oil Fill Tube	1	
306	37401	* "O" Ring	1	
307	35499	"O" Ring	1	
309	650974	Screw, 1/4-20 x 57/64"	1	
310	36366	Dipstick	1	
314	651007	Screw, T-15, 10-24 x 15/16"	2	
315	611280	Alternator Coil (3/5 Split)	1	(Incl. 321-323)
321	611161	Diode	1	
322	611281	Connector Body	1	
323	611282	Terminal	1	
324	33177	Terminal	1	
325	36342	Wire Clip	1	
325B	37230	Wire Clip	1	
330	611296	Wire Adapter	1	
346	36413	Fuel Pump Bracket	1	
361	650969	Screw, 5/16-18 x 29/32"	1	
370H	34150	Choke Decal	1	
381	650767	Screw, 8-32 x 27/64"	1	
382	36328	Oil Strainer Screen	1	
385	570673	Ball	1	
386	36329	Pressure Relief Spring	1	
387	37652	Cotter Pin	1	
395	36795	Electric Starter Motor (12 Vol	1	
400	37496	* Gasket Set	1	(Incl. items marked PK in note
420	730225A	SAE 30 4-Cycle Engine Oil (Qua	1	
475	36563	Oil Filter	1	
476	36374B	Oil Filter Adapter (Incl. 479)	1	
477	650971	Screw, T-30, 5/16-18 x 7/8"	2	
478	36336	Oil Passage Cover (Incl. 479)	1	
479	36335	* Oil Passage Gasket	1	



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Illustration #2

REF	ITEM #	DESCRIPTION	Q	REMARK
14	651052	Washer	2	
16	37758	Governor Lever	1	
17	29916	Governor Lever Clamp	1	
18	651028	Screw, T-15, 8-32 x 7/16"	1	
19	37766	Extension Spring	1	
28	30322	Lock Nut, 8-32	1	
35	29826	Screw, 10-32 x 3/4"	1	
36	29918	Lock Washer	1	
37	29216	Lock Nut, 10-32	1	
38	37109	Retaining Ring	1	
50A	730656	Camshaft Repair Kit		
60A	650273	Screw, 5-16/18 x 17/32"	1	
60B	650867	Screw, 10-24 x 1/2"	1	
60C	650737	Screw, 1/4-20 x 1/2"	1	
92	651082	Belleville Washer	1	
93	650594	Flywheel Nut	1	
110A	37494	Ground Wire	1	
111D	611262	Time Delay Switch	1	
157A	650586	Jam Nut 5/16-24	2	
178	650928	Wing Nut, 1/4-20	2	
182	650925A	Carburetor Mounting Stud	2	
184	36352	* Carburetor To Intake Pipe Ga	1	
185	37767	Intake Pipe	1	
186	36354	Governor Link	1	
186A	36353	Choke Link	1	
200	36360	Control Bracket	1	(Incl. 203,204 & 212A)
203	36482	Compression Spring	1	
204	651019	Screw, T-10, 6-32 x 41/64"	1	
209	650902	Screw, 10-32 x 7/16"	2	
210	27793	Conduit Clip	1	
211	28942	Screw, 10-32 x 3/8"	1	
212A	36288	Bushing	3	
223	650975	Screw, T-30, 5/16-18 x 1-9/32"	2	
224	36490	* Intake Pipe Gasket	1	
228	650977	Air Cleaner Stud	2	
234	650825	Nut & Lock Washer, 1/4-20	2	
239	36358	* Air Cleaner Gasket	1	
240	36355	Air Cleaner Body (Incl. 228 &	1	
245	36356	Air Cleaner Filter (Incl. 229)	1	
245A	36357	Air Cleaner Filter	1	
250	36359	Air Cleaner Cover	1	
251	650886	Wing Nut, 1/4-20	2	
252	650976	Screw, 1/4-20 x 19/32"	1	
260	36347	Blower Housing	1	
262	650737	Screw, 1/4-20 x 1/2"	3	
263	36367	Trim Ring (Black)	1	
286	36343	Cup & Screen	1	
290	30705	Fuel Line	1	
291	29774	Fuel Line	1	
291A	29774	Fuel Line	1	
292	26460	Fuel Line Clamp	6	
292B	36946	Fuel Line Clamp	1	
293	35787	Pulse Pump (Incl. 294)	1	
293A	650931	Screw, 8-32 x 1-1/2"	2	
296	37768	Fuel Filter (Incl. 292)	1	
303	32958	Fuel Fitting	1	
347	650949	Screw, 10-24 x 9/16"	3	
370G	35274	Oil Instruction Decal	1	
370H	34150	Choke Decal	1	
380	640330	Carburetor (Incl. 184 & 212A)	1	