

## Illustration #1

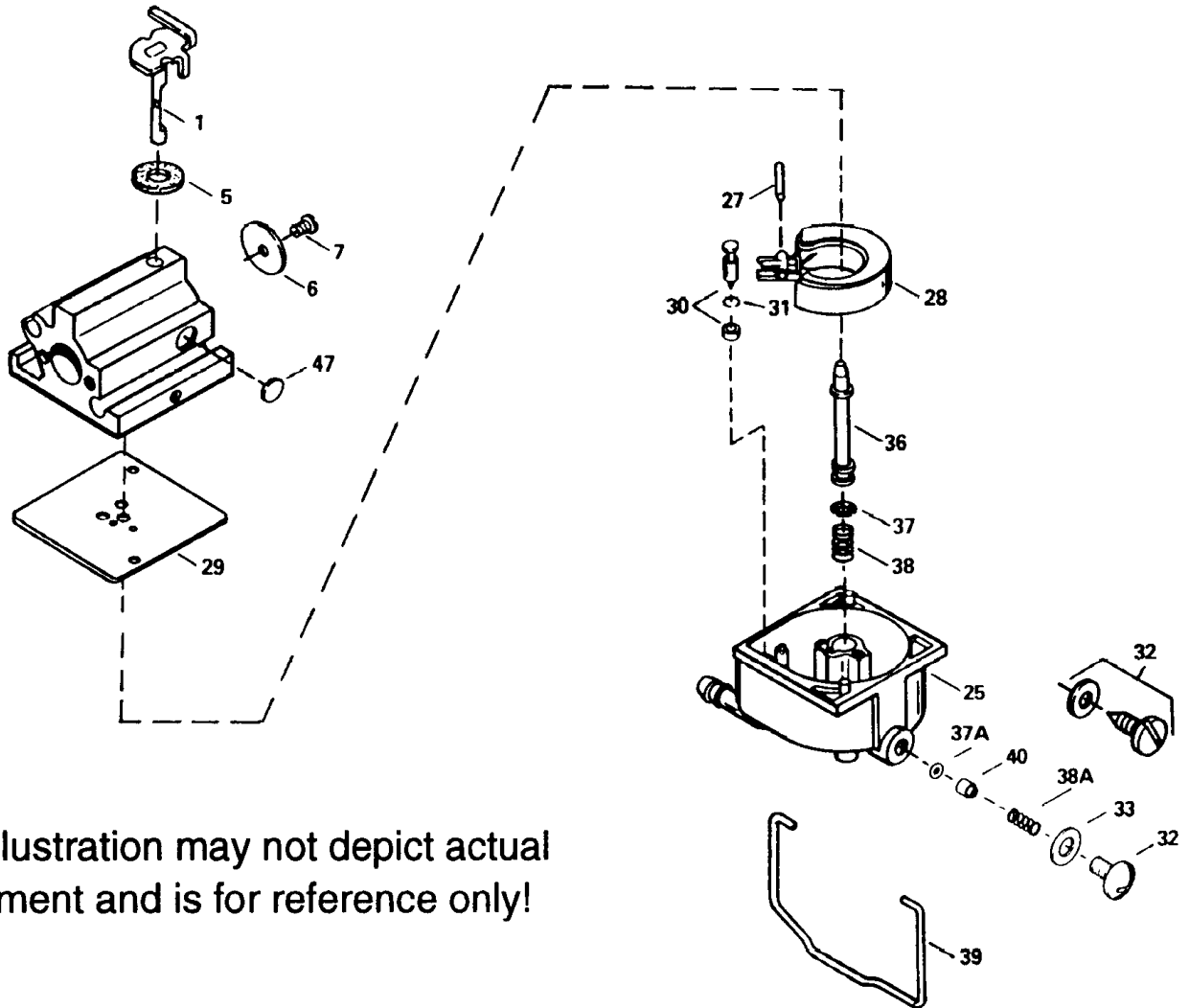
REF	ITEM #	DESCRIPTION	Q	REMARK
1	36177	Cylinder (Incl. 2,10,12,20 & 1	1	
2	27652	Dowel Pin	2	
6	36059	Breather Element	1	
9	590568	Screw, 10-24 x 3/4"	3	
10	36002	Breather Valve Body	1	
11	36003A	Check Valve	1	
12	32447	Breather Tube	1	
12C	36005A	* Breather Cover & Gasket	1	
14	28277	Flat washer	1	
15	36006	Governor Rod (Machined)	1	
16	36008	Governor Lever	1	
17	31335	Governor Lever Clamp	1	
18	651018	Screw, Torx T-15, 8-32 x 19/64	1	
19	36103	Governor Spring	1	
20	36010	Oil Seal	1	
25	36145	Blower Housing Baffle Ass'y.	1	(Incl. 195)
26	650802	Screw, 1/4-20 x 5/8"	3	
30	37004	Crankshaft	1	
40	40004	Piston,Pin,Ring Set (Std.)	1	
40	40005	Piston,Pin,Ring Set (.010 OS)	1	
41	36070	Piston & Pin Ass'y.(Std.) (Inc	1	
41	36071	Piston & Pin Ass'y.(.010 OS)(I	1	
42	40006	Ring Set (Std.)	1	
42	40007	Ring Set (.010 OS)	1	
43	20381	Piston Pin Retaining Ring	2	
45	36023A	Connecting Rod Ass'y. (Incl. 4	1	
46	32610A	Connecting Rod Bolt	2	
48	36030	Valve Lifter	2	
50	36031A	Camshaft (MCR)	1	
52	29914	Oil Pump Ass'y.	1	
69	36032A	* Mounting Flange Gasket	1	
70	36194	Mounting Flange (Incl. 72 thru	1	
72	30572	Oil Drain Plug (Incl. 73)	1	
72A	28483	Oil Drain Plug	1	
73	28833	Drain Plug Gasket	1	
75	36010	Oil Seal	1	
80	30574A	Governor Shaft	1	
81	30590A	Washer	1	
82	30591	Governor Gear Ass'y. (Incl.81)	1	
83	36057	Governor Spool	1	
85	36034	Idler Gear	1	
86	650924	Screw, 1/4-20 x 1-9/16"	7	
89	611154	Flywheel Key	1	
90	611170	Flywheel	1	
92	650815	Belleville Washer	1	
93	650816	Flywheel Nut	1	
100	34443B	Solid State Ignition	1	
101	610118	Spark Plug Cover	1	
103	651007	Screw, Torx T-15, 10-24 x 15/1	2	
110	36230	Ground Wire	1	
110A	35183	Ground Wire	1	
119	36061	* Cylinder Head Gasket	1	
120	36187	Cylinder Head	1	
125	36471	Exhaust Valve (Std.) (Incl. 15	1	
125	36472	Exhaust Valve (1/32" OS)	1	
126	29314B	Intake Valve (Std.) (Incl. 151	1	
126	29315C	Intake Valve (1/32" OS) (Incl.	1	
130	6021A	Screw, 5/16-18 x 1-1/2"	7	
135	35395	Resistor Spark Plug (RJ19LM)	1	
150	31672	Valve Spring	2	
151	31673	Lower Valve Spring Cap	2	
151A	40016	Intake Valve Seal	1	
152	37075	"O"-Ring	1	
169	27234A	* Valve Spring Box Gasket	1	
172	32755	Valve Spring Box Cover	1	
174	30200	Screw, 10-24 x 1/2"	2	
177	650925A	Carburetor Mounting Stud	2	
184	36183	Carburetor Gasket	2	
186	36009	Governor Link	1	
187A	37136	Air Baffle	1	

195	610973	Terminal	1	
202	36482	Compression Spring	1	
203	31342	Compression Spring	1	
204	651029	Screw, Torx T-10, 5-40 x 7/16"	1	
205	651030	Screw, Torx T-10, 6-32 x 41/64"	1	
215	36051	Control Knob	1	
239	36048	* Carburetor to Air Cleaner Ga	1	
240	36044B	Air Cleaner Body (Incl. 239, 299)	1	
243	650899	Screw, 10-32 x 2-3/32"	1	
245	36046	Air Cleaner Filter	1	
245A	36102	Air Cleaner Filter	1	
250	36047	Air Cleaner Cover	1	
251	650928	Lock Nut, 1/4-20	2	
255	36110	Control Plate	1	
256	650983	Screw, 8-32 x 1/2"	2	
260	36038	Blower Housing	1	
262	650737	Screw, 1/4-20 x 1-1/2"	3	
263	36108	Trim Ring	1	
275	36107	Muffler	1	
276	36043	Lockig Plate	1	
277	650927	Screw, 5/16-18 x 2-11/32"	2	
279	650956	Screw, Torx T-25, 12-24 x 49/64"	3	
280	36090	Heat Shield (Incl. 279)	1	
285	34449A	Starter Cup	1	
287	650926	Screw, 8-32 x 21/64"	2	
290	34357	Fuel Line	1	
292	26460	Fuel Line Clamp	2	
299	650900	"U" Type Nut, 10-32	1	
300	36066	Fuel Tank (Incl. 301)	1	
301	36246	Fuel Cap	1	
305	36063	Oil Fill Tube	1	
307	35499	"O" Ring	1	
308	36040	Fill Tube Clip	1	
310	36064	Oil Dipstick	1	
324	33177	Terminal	1	
346A	28763	Screw, 10-32 x 35/64"	2	
350	36045	Primer	1	
370A	36261	Lubrication Decal	1	
370C	36530	Primer Decal	1	
370K	36695	Starter Decal	1	
380	640020	Carburetor (Incl. 239)	1	
390	590732	Rewind Starter	1	(NOTE: This engine could hav
400	36062D	* Gasket Set	1	(Incl. items marked PK in note
416	36085	Spark Arrestor Kit (Incl. 417)	1	(Optional)
417	650760	Screw, 8-32 x 3/8" (Optional)	1	
420	730225	4 Cycle Oil, SAE 30 (Quart)	1	



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RS3-590732 Illustration

R	ITEM #	DESCRIPTION	Q
1	590732	Rewind Starter	1
2	590700	Pulley & Rewind Spring Ass'y.	1
3	590774	Repair Kit	1
4	590701	Starter Handle (standard)	1
5	590535	98" Starter Rope (cut to lengt	1

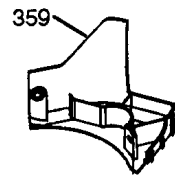
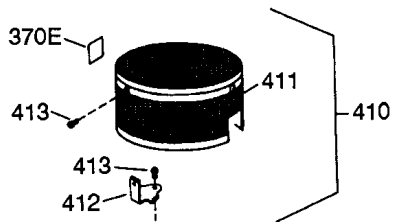
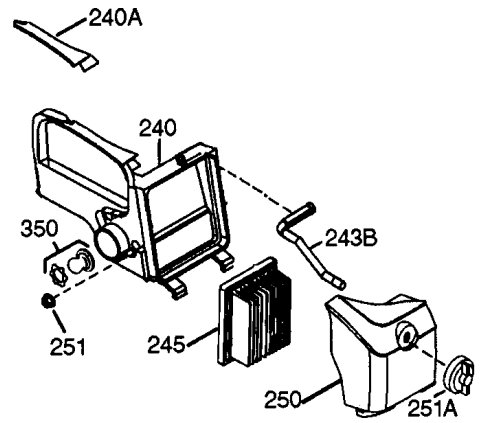
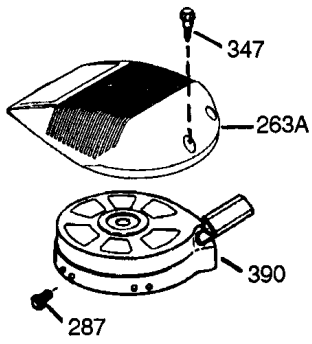
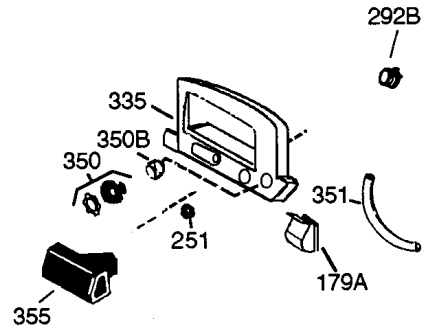


This illustration may not depict actual equipment and is for reference only!

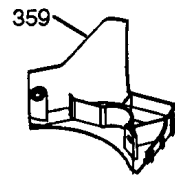
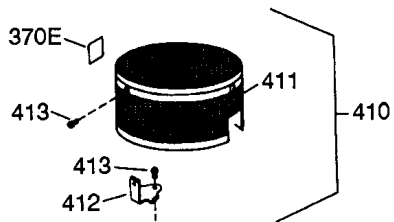
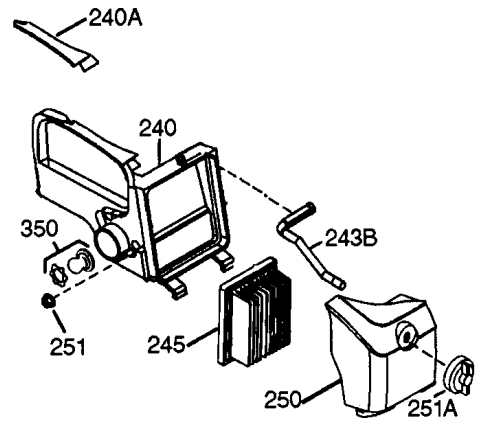
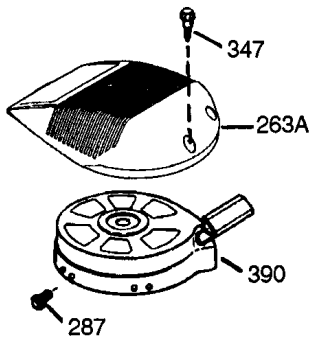
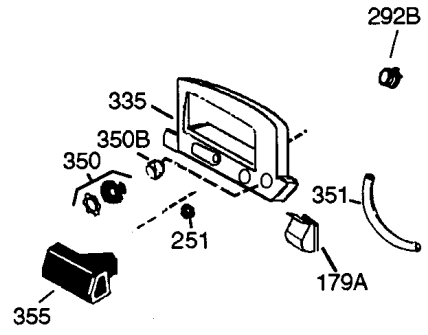
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 TEC-640020 Illustration

REF	ITEM #	DESCRIPTION	Q	REMARK
0	640020	Carburetor	1	(Incl. 187B & 239 of Engine P
1	632539	Throttle Shaft & Lever Assembl	1	
5	632593	Dust Seal	1	
6	632541	Throttle Shutter	1	
7	650506	Throttle Shutter Screw	1	
14A	632773	Venturi	1	
25	632675A	Float Bowl	1	
25A	730637	Float Bowl Assembly Repair Kit	1	
27	632544	Float Shaft	1	
28	632543	Float	1	
29	632548	Float Bowl to Body Gasket	1	
30	632709	Inlet Needle, Seat & Seat Reta	1	(Incl. 31)
31	632637	Seat Retainer	1	
32	632672	Bowl Drain Screw	1	
33	632673	Bowl Drain Washer	1	
36	640022	Main Nozzle Tube	1	
37	632547	"O" Ring	1	
37A	632547	"O" Ring, Main Nozzle Tube	1	
38	632545	Spring, Main Nozzle Tube	1	
38A	632545	Spring	1	
39	632549	Float Bowl Retainer	1	
40	640021	Main Fuel Jet	1	
47	632554	Welch Plug, Idle Mixing Well	1	









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Illustration #2

REF	ITEM #	DESCRIPTION	Q	REMARK
103	651007	Screw, Torx T-15, 10-24 x 15/1	2	
240	36044B	Air Cleaner Body (Incl.239,299	1	
245	36046	Air Cleaner Filter	1	
250	36047	Air Cleaner Cover	1	
251	650928	Lock Nut, 1/4-20	2	
287	650926	Screw, 8-32 x 21/64"	2	
350	36045	Primer	1	
390	590732	Rewind Starter	1	(NOTE: This engine could hav

