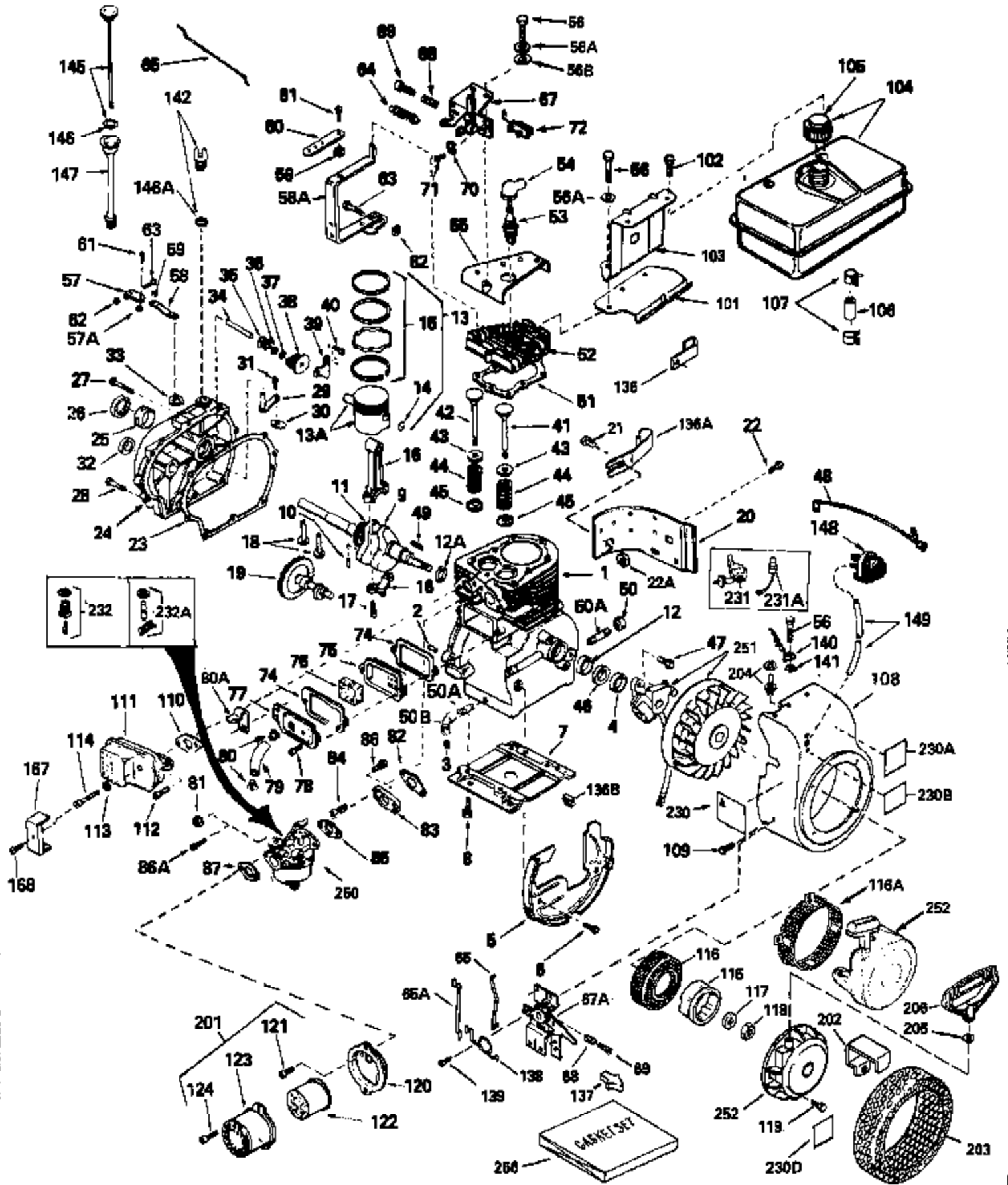


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



Ref #	Part Number	Qty	Description
1	35123A		Cylinder (Incl. 2, 3 & 4) (2-5/8" Bore)
2	27652		Pin, Dowel
3	27642		Pipe plug, 1/4-18
4	32630		Seal, Oil
5	29536		Blower Housing Baffle (Without electric starter knock out) (Use as required)
5	35256A		Blower Housing Baffle (With electric starter knockout) (As req.)(point ign.)
5	35326		Blower Housing Baffle (With electric starter knockout) (External ignition)
6	650561		Screw, 1/4-20 x 5/8"
7	29538		Base, Engine mounting
8	650542		Screw, 5/16-18 x 3/4"
9	35283		Crankshaft
10	29783		Pin, Crankshaft gear (Used on early p rod.)
11	27884		Gear, Crankshaft (Used on early production) This gear is serviceable ONLY when it is pinned to the crankshaft.
13	34531		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
13	34532		Piston, Pin & Ring Set (.010" OS)
13	34533		Piston, Pin & Ring Set (.020" OS)
13A	33312B		Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.14)
13A	33313B		Piston & Pin Ass'y. (.010" OS) (Incl. 14)
13A	33314B		Piston & Pin Ass'y. (.020" OS) (Incl. 14)
14	27888		Ring, Piston pin retaining
15	34854		Ring Set (Std.) (2-5/8" Bore)
15	34855		Ring Set (.010" OS)
15	34856		Ring Set (.020" OS)
16	31295C		Rod Assy., Connecting (Incl. 17)
17	650662C		Bolt, Connecting rod (Incl. 2 pieces)
18	34034		Lifter, Valve
19	33156		Camshaft
20	30622A		Extension, Blower housing
21	650128		Screw, 10-24 x 1/2"
22	650561		Screw, 1/4-20 x 5/8" (Use as required)
22	30063		Screw, 1/4-20 x 1/2" (Use as required)
22	650760		Screw, 8-32 x 3/8"
22A	650764		Nut, "U" type
23	30684		Gasket Cylinder Cover
24	31451A		Cylinder Cover (Incl.26, 34, 127A, 129 & 130)
26	28460		Seal, Oil
27	650488		Screw, 1/4-20 x 1-1/4"
28	650493		Screw, 1/4-20 x 1-3/4"
29	30699C		Rod Assy., Governor (Incl. 30 & 31)
30	30700		Yoke, Governor
31	650494		Screw, 6-40 x 5/16"
33	29642		Ring, Retaining
34	31845		Shaft, Mechanical governor
35	30588A		Spool, Governor
36	35479		Washer, Flat
37	29193		Ring, Retaining
38	30591		Gear Assy., Governor
39	31843A		Bracket, Governor gear
40	650836		Screw, 10-24 x 1/2"
41	32783		Intake Valve (Std.)
41	32784		Intake Valve (1/32" OS)
42	27878A		Exhaust Valve (Std.)

Ref #	Part Number	Qty	Description
42	27880A		Exhaust Valve (1/32" OS)
43	27882		Cap, Upper valve spring
44	27881		Spring, valve
45	32581		Cap, Lower valve spring
47	650814		Screw, 10-24 x 1"
48	35187		Wire, Ground
49	32589		Key, Flywheel
51	28938C		Gasket, Cylinder head
52	30938A		Head, Cylinder
53	33636		Resistor Spark Plug (RJ-8C)
54	610118		Cover, Spark plug (Use as required)
55	30939A		Cover Assy., Cylinder head
56B	650690		Washer, Belleville (Use as required)
56	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
56	650694A		Screw, 5/16-18 x 2" (Use as required)
56	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
56A	650691		Washer, Flat (Use as required)
57	29916		Clamp, Governor lever (Use as required)
57A	30322		Locknut, 8-32
58	33454		Lever Assy., Governor
59	29918		Washer, Lock, No. 8 E.T.
61	650548		Screw, 8-32 x 5/16"
62	29216		Locknut, 10-32
63	29826		Screw, 10-32 x 3/4"
65	34662		Link, Throttle
65A	34661		Link, Governor
67A	34664		Control Bracket (Incl. 68, 69, 72 & 138)
68	31342		Spring, Compression
69	650549		Screw, 5-40 x 7/16"
70	27793		Clip, Conduit
71	28942		Screw, 10-32 x 3/8"
72	610973		Terminal Assy. (Use as required)
74	27896A		Gasket, Valve chamber cover
75	28423		Breather Assy., Valve
76	28424		Element, Breather
77	28425		Cover, Valve spring box
78	650128		Screw, 10-24 x 1/2"
79	35350		Tube, Breather
80	32446		Grommet, Breather tube
82	27915A		* Gasket, Intake pipe to cylinder
83	34712		Flange, Carburetor (Incl. 86A)
84	30196		Screw, 5/16-18 x 3/4"
85	31688A		* Gasket, Carburetor
86A	650517		Screw, 1/4-20 x 13/16"
87	27272A		* Air Cleaner Gasket (Use as required)
87	30767		Spacer, Cleaner (Use as required)
88	34783		Filter, Pre-air
89	34782		Filter, Air cleaner (Incl. 97)
90	34782		Pop Rivet (1/8" dia.) (Purchase locally)
91	34699		Bracket, Air cleaner
92	34698A		Gasket, Air cleaner
93	30675		Fitting, Breather
94A	34819		Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only)
94	34780		Elbow, Air cleaner
96	650826		Stud, 1/4-20 x 6.20, threaded both ends
97	650825		Nut & Lockwasher, 1/4-20

Ref #	Part Number	Qty	Description
	99 34781		Cover, Air cleaner
	100 650513		Nut, Wing, 1/4-20
	101 34158		Bracket, Fuel tank
	102 650665		Screw, 1/4-14 x 7/8"
	103 34159		Plate, Fuel tank mounting
	104 34186A		Fuel Tank (Incl. 105 & 107) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	105 410144B		Fuel Cap (White Plastic)(Std.)(As req uired)
	105 33032		Fuel Cap (Red Plastic) (Spurt resistant, Low profile) (Use as required)
	105 34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
	105 35355		Fuel Cap (Red plastic) (Use as requir ed)
	106 29774		Fuel Line (Braided, 8 1/4") (Use as r equired)
	106 30962		Fuel Line (Braided, 32") (Use as requ ired)
	107 26460		Clamp, Fuel line (Use as required)
	108 32158E		Blower Housing (For electric starter)
	109 29747B		Screw, 5/16-24 x 21/32"
	111D 33714		Opt.Spark Arrest Muf.(Incl.112,143,14 4,144A)
	111E 34390		Deflector, Exhaust (Optional)
	111A 29633		Muffler
	111C 391026		Opt.Spark Arrest Muf.(Incl.143,143A,1 43B)
	115 32125		Cup, Starter
	116 35009		Screen, Starter cup
	117 650815		Washer, Belleville
	118 8116		Nut, Hex
	119 29716		Screw, 1/4-28 x 7/16"
	127A 31855		Retainer, Bearing
	127 31793		Bearing, Ball
	128 31792		Washer, Thrust
	129 650778		Washer, Lock
	130 650580		Nut, Lock
	136B 27275		Clip, Hi tension wire
	136B 29443		Clip, Ground wire
	136 33997		Clip, Oil fill tube
	138 34663		Spring, Speed control
	139 650821		Screw, 10-32 x 1/2"
	143 650578		Screw, 8-18 x 3/8" (Use as required)
	143A 33171		Screen, Muffler (Use as required)
	143B 33185		Cover & tube, Muffler (Use as require d)
	144 33700		Cover & Tube, Muffler (Use as require d)
	144A 33323		Screen, Muffler (Use as required)
	145 34011A		Dipstick (Incl. 146)
	146 33590		"O" Ring
	147 33893A		Oil Fill Tube
	166 30063		Screw, 1/4-20 x 1/2"
	169 32862		Nut, Conduit
	170 30244		Nipple, Pipe
	171 29574		Elbow, 45-degree
	201A 730130		Muffler Adapter Kit (Incl.110,112)(As req.)
	201 730164		Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 & 230)(As req.)

Ref #	Part Number	Qty	Description
201	730164		Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124) (Use as required)
201B	730561		Air Cleaner Kit (Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100 & 230C) (Used only on engine with an externally vented fully adjustable carburetor)
209	611087		Flywheel (3 Amp) (w/ring gear)
210	650872		Stud, Solid State mounting
211	34443A		Solid State Assy. (Incl. 54)
212	650873		Screw, 1/4-20 x 3/4"
213	35189		Spacer, Coil Assy.
214	611113		Alt. Coil (3 Amp DC) (Incl. 215, 216 & 218)
215	610921		Connector
216	610922		Terminal
218	610935		Diode Assy.
219	33177		Terminal
230A	34686		Decal, Name
230C	34704		Decal, Instruction
230	34346		Decal, Instruction
231	30547A		Breaker Assy (Used on Std. Point igni tion)
232A	631021		Inlet, Needle Seat & Clip Assy.
240	611077		Alternator (Optional)
241	650868		Screw, 8-18 x 1-1/8" (3 required)(Opt .)
242	611078		Connector, A.C. Lighting (Optional)
242	611079		Connector, D.C. Charging (Optional)
243	590610		Tube, Centering (Optional)
244	590613		Alternator Shaft (Optional)
250	632257		Carburetor (Incl. 85) (Refer to Division 5, Section A, page 184 for breakdown)
252	590420A		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
253	33606		Electric Starter Motor (12 volt) (Refer to Division 5, Section D, page 20 for breakdown)
254	33328D		Starter Motor Kit (110-120 volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#255). Refer to service number stamped on end cap of motor or on decal for identificat
255	30811A		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition before 1982)
255	611042		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition 1982 or later)
255	611085		Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Used on solid state external ignition)
256	33235A		Gasket Set (Incl. items marked*)