

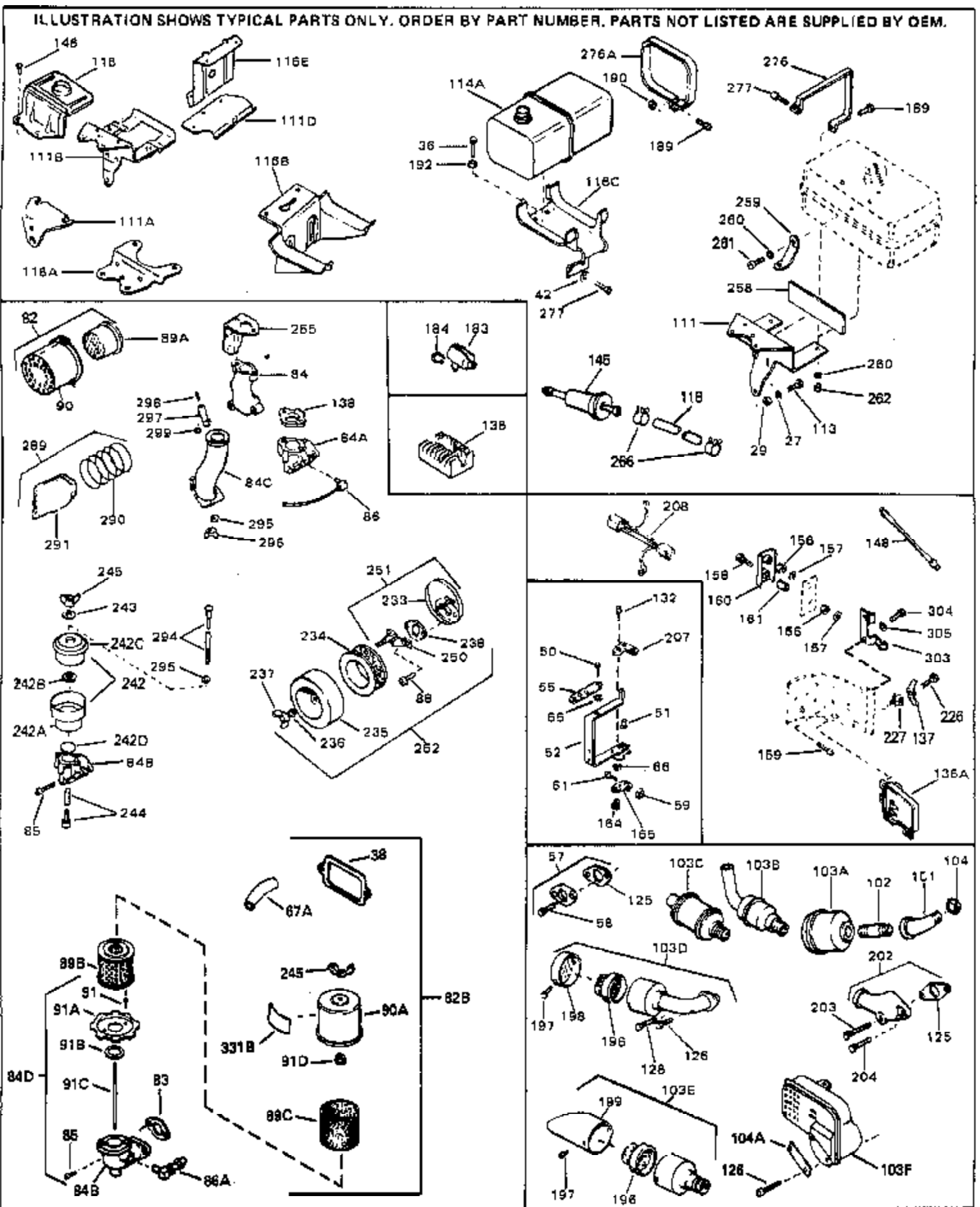
Ref #	Part Number	Qty	Description
1	32769B		Cylinder (Incl. 2, 3, 4, 76 & 270) (2 -3/4")
2	27652		Pin, Dowel
3	27642		Plug, Oil drain
3	28582		Plug, Oil drain
4	32630		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
5	32784		Intake Valve (1/32" OS) (Incl. 9)
6	31469A		Exhaust Valve (Std.) (Incl. 9)
6	31470A		Exhaust Valve (1/32" OS) (Incl. 9)
7	27882		Cap, Upper valve spring
7A	20810		Pin, Valve spring retainer (Use as re quired)
8	27881		Spring, Valve
8A	27881		Spring, Valve
9	32581		Cap, Lower valve spring
9A	32581		Cap, Lower valve spring
10A	32590		Plate, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)
10	34242		Dipper, Oil
11	32670		Crankshaft (Incl. 12 & 13)
12	29783		Crankshaft Gear Pin (Early production)
13	27884		Gear, Crankshaft (Used in early produ ction) This gear is servicable onlywhen it is pinned to the crankshaft.
14	34528		Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
14	34529		Piston, Pin & Ring Set (.010" OS)
14	34530		Piston, Pin & Ring Set (.020" OS)
14A	32770B		Piston & Pin Ass'y. (Std.)(2-3/4")(In cl.16)
14A	32771B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A	32772B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
15	32595		Ring Set (Std.) (2-3/4" Bore)
15	32596		Ring Set (.010" OS)
15	32597		Ring Set (.020" OS)
16	27888		Ring, Piston pin retaining
17	32591C		Rod Assy., Connecting (Incl. 10 & 18)
18	650662C		Screw, Connecting rod (2 each)
21	32115		Camshaft (MCR)
22	34034		Lifter, Valve
23	31303B		Cover, Cylinder (Incl. 24, 106 & 279)
24B	31546		Bushing, Crankshaft (Use as required)
24	28427		Seal, Oil
25	29668		Dipstick, Oil (Incl. 30)
26	30684		* Gasket, Cylinder cover
28	650451		Screw, 1/4-20 x 1"
30	29673		* Gasket, Oil filler
31	650489		Screw, 1/4-20 x 5/8"
32	32631A		* Gasket, Cylinder head
33	30938A		Head, Cylinder
34	27793		Clip, Conduit (Use as required)
35	28942		Screw, 10-32 x 3/8" (Use as required)
36	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
36	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
36	650694A		Screw, 5/16-18 x 2" (Use as required)
37	33636		Resistor Spark Plug (RJ-8C)
37	34251		Resistor Spark Plug
38	27896A		* Gasket, Breather cover
39	28423		Body, Breather
40	28424		Element, Breather
41	28425		Cover, Valve spring

Ref #	Part Number	Qty	Description
42A	650690		Washer, Belleville (Use as required)
42	26073		Washer (Use as required)
42	650691		Washer, Flat (Use as required)
43	650128		Screw, 10-24 x 1/2"
45	27915A		* Gasket, Intake
46	30195A		Flange, Carburetor (Incl. 79 & 80)
47	30196		Screw, 5/16-18 x 3/4"
48	29716		Screw, 1/4-28 x 7/16"
50	650548		Screw, 8-32 x 5/16"
52	32326A		Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)
55	30205		Bracket, Adjusting
56	32327		Link, Throttle
59	29216		Nut, Lock, 10-32
60	650152		Screw, 8-32 x 3/8"
61	29826		Screw, 10-32 x 3/4"
62	29642		Ring, Retaining
63A	30699C		Rod Assy., Governor (Incl. 64 & 65)
63	30699B		Governor Rod Ass'y. (This one-piece governor rod is no longer used. It is replaced by 30699C ass'y., Ref. no. 63A)
64	30700		Yoke, Governor
65	650494		Screw, 6-40 x 5/16"
66	29918		Lockwasher, #8 E.T.
67	35350		Tube, Breather
69	29747B		Screw, 5/16-24 x 21/32"
70	32158E		Blower Housing (For elec.star.)(Incl. 134,135)
71	650815		Washer, Belleville
72	8116		Nut, Hex
73	29536		Blower Housing Baffle (without electric starter knock-out) (Use as required)
73	35256A		Blower Housing Baffle (with electric starter knock-out) (Use as required) (Point Ignition)
74	650561		Screw, 1/4-20 x 5/8"
75	31688A		* Gasket, Carburetor
79	29752		Nut & Lockwasher Assy., 1/4-28
80	650572		Screw, 1/4-28 x 1-1/8"
82A	730164		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required)
83	27272A		* Gasket, Air cleaner
87	31691		Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in early production only.
88	28820		Screw, 10-32 x 1/2"
89	30727		Element, Air cleaner
90	31715		Body, Air cleaner
97	31582		Ground Wire
100	29538		Base, Engine mounting
105	29443		Clip, Wire
106	31845		Shaft, Mechanical governor
107	30591		Gear Assy., Governor (Incl. 109)
108	30588A		Spool, Governor
109	30590A		Washer, Flat
110	29193		Ring, Retaining
113	30063		Screw, 1/4-20 x 1/2"
115	410144B		Fuel Cap (White Plastic)(Std)(As required)

Ref #	Part Number	Qty	Description
115	33032		Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile) (Use as required)
115	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
115	35355		Fuel Cap (Use as required)
118	29774		Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705		Fuel Line (Braided 16") (41 cm) (Use as req.)
118	30962		Fuel Line (Braided 32") (81 cm) (Use as req.)
120	650128		Screw, 10-24 x 1/2" (Use as required)
121	30622A		Extension, Blower housing
124	650542		Screw, 5/16-18 x 3/4"
127	26073		Washer (Use as required)
128	650694A		Screw, 5/16-18 x 2" (Use as required)
129	32589		Key, Flywheel
130	31843A		Bracket, Governor gear
131	650836		Screw, 10-24 x 1/2"
133	650599		Screw, 1/4-20 x 1-1/2"
149	30747		Clip, Shorting
193	610118		Cover, Spark plug (Use as required)
193	27276		Cover, Spark plug
205	650561		Screw, 1/4-20 x 5/8" (Use as required)
209	30939A		Cover, Cylinder head
246	32125		Cup, Starter
247	590417		Screen, Starter cup
270	31461		Bushing, Crankshaft (Use as required)
274	610973		Terminal Ass'y. (As req. on late prod uction)
287	27275		Clip, Hi-tension wire (Use as require d)
287	34246		Clip, Ground wire (Use as required)
313	650625		Washer, Thrust
331A	34346		Decal, Instruction
331B	31752		Decal, Air cleaner
331	550223		Decal, Name
331	32676		Decal "Solid state"
335	31393		Valve, Seat & Gasket Assy.
336	631677		Carburetor (Incl. 75) (Refer to Division 5, Section A, page 120 for breakdown)
338	590427		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
343	33239A		Gasket Set (Incl. items marked*)

Ref #	Part Number	Qty	Description
	31 650489		Screw, 1/4-20 x 5/8"
	34 27793		Clip, Conduit (Use as required)
	35 28942		Screw, 10-32 x 3/8" (Use as required)
	43A 650128		Screw, 10-24 x 1/2"
	48 29716		Screw, 1/4-28 x 7/16"
	56 32327		Link, Throttle
	71 650815		Washer, Belleville
	72 8116		Nut, Hex
	141 28566		Fitting, Fuel line
	152 30063		Screw, 1/4-20 x 1/2"
	186 33010		Repair Kit, Impulse fuel pump
	187 32959		Fuel pump, Impulse
	188 33229		Pipe Fitting
	193 610118		Cover, Spark plug (Use as required)
	193 27276		Cover, Spark plug
	239 33450		Nut, Lock
	240 30845A		Bolt, Governor adjusting
	241 30886A		Spring, Governor bolt
	263 650764		Nut, "U" Type (Use as required)
	274 610973		Terminal Ass'y. (As req. on late production)
	300 610806		Flywheel Ass'y. (Solid state)
	301 610783		Transformer (Solid state)
	302 610759		Magneto (Solid state)
	331 550223		Decal, Name
	331 32676		Decal "Solid state"
	338 590427		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
	339 35765A		Electric Starter Motor (12 Volt) NOTE: The 29965, 32468, 32468B, 33606, 35765 and 35765A startermotors are used interchangeably on these models. Refer to service number stamped on end cap of motor, or on decal, for identification. Refer to Division 5, Section D for breakdown.
	340 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 has drilled and tapped starter mounting bosses and a ring gear flywheel (see#342). Refer to service number stamped on end cap of motor, or on decal, for identification
	342 30811A		Flywheel (Ring gear flywheel required on engines using 110-120 volt starter kits listed above)
	342 611042		Flywheel (Used on Type letters H and above) (Std. Point ignition) (Ring gear flywheel required on engines using 110-120 volt starter kits listed above)
	342 611085		Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Use with Solid State ignition)

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



Ref #	Part Number	Qty	Description
27	27513		Lockwasher, 1/4" (Use as required)
36	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
36	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
36	650694A		Screw, 5/16-18 x 2" (Use as required)
38	27896A		* Gasket, Breather cover
42	26073		Washer (Use as required)
42	650691		Washer, Flat (Use as required)
50	650548		Screw, 8-32 x 5/16"
51	30319		Rivet, Split (Used in early production)
52	32326A		Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)
55	30205		Bracket, Adjusting
57	730130		Exh.Adap.Kit (Incl. 58 & 125) (Use as req.)
58	30196		Screw, 5/16-18 x 3/4" (Use as required)
59	29216		Nut, Lock, 10-32
61	29826		Screw, 10-32 x 3/4"
66	29918		Lockwasher, #8 E.T.
82	730127		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 & 331B) (Use as required)
82B	730561		Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 91, 91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines with an externally vented fully adjustable carburetor)
83	27272A		* Gasket, Air cleaner
84D	34819		Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Use in 730561 assembly only)
88	28820		Screw, 10-32 x 1/2"
90	31715		Body, Air cleaner
101	29574		Muffler Elbow
102	32454		Muffler Nipple
103E	391026		Opt. Spark Arrest Muffler (Incl.196,1 97,199)
104	28443		Conduit Nut
104	32862		Conduit Nut
113	30063		Screw, 1/4-20 x 1/2"
118	29774		Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705		Fuel Line (Braided 16") (41 cm) (Use as req.)
118	30962		Fuel Line (Braided 32") (81 cm) (Use as req.)
128	650694A		Screw, 5/16-18 x 2" (Use as required)
132	650548		Screw, 8-32 x 5/16" (Early production)
132	650139		Screw, 8-32 x 1/2"
148	34067		Wire Assy., Alternator adapter (4-1/4 ")
148	34069		Wire Assy., Alternator adapter (6-3/4 ")
202	31288		Exh. Adaptor Kit (Incl.125,203,204) (As req.)
203	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
204	6021A		Screw, 5/16-18 x 1-1/2" (Use as required)
207	31725A		Extension, Governor lever
303	32765		Clamp, Blower housing extension
304	650735		Screw, 10-24 x 3/8"
305	16642		Lockwasher
331B	31752		Decal, Air cleaner