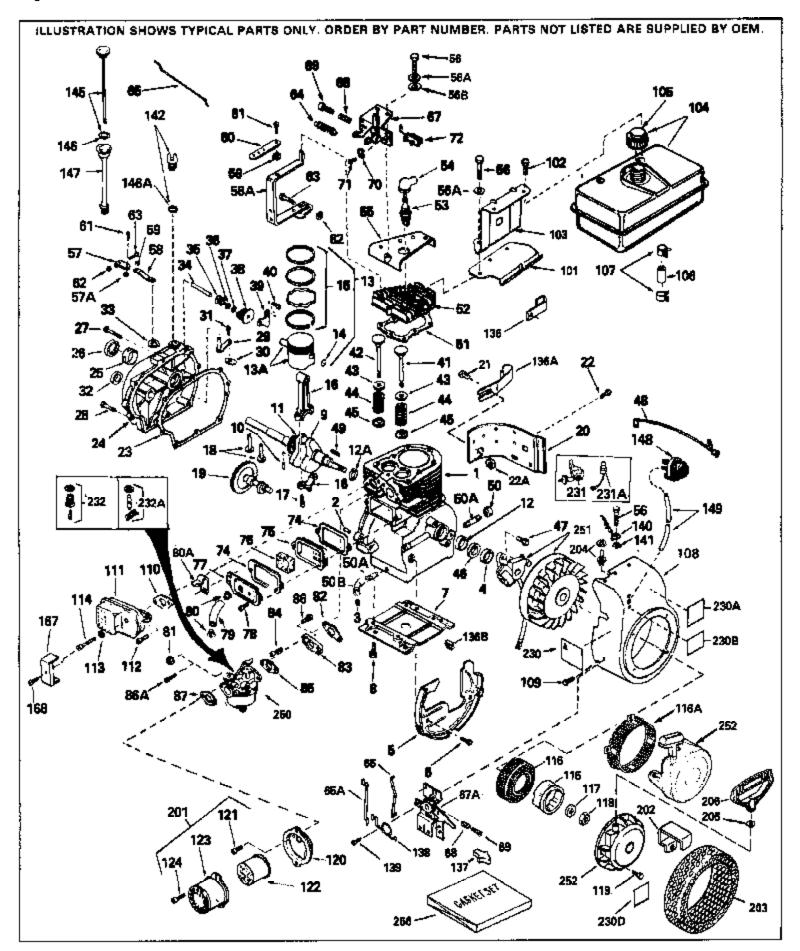
H50-65468N Engine Parts List



Ref #	Part Number C	Rty Description
1	34919A	Cylinder (Incl. 2,3 & 4) (2-5/8" Bore)
2	27652	Pin, Dowel
	27642	Pipe plug, 1/4-18
	32630	Seal, Oil
	29536	Blower Housing Baffle (Without electric starter knock out)
0	2000	(Use as required)
		(Use as required)
5	35256A	Blower Housing Baffle (With electric starter knockout) (As
		req.)(point ign.)
C	CE0EC1	
	650561	Screw, 1/4-20 x 5/8"
	29538	Base, Engine mounting
	650542	Screw, 5/16-18 x 3/4"
	35034	Crankshaft
	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.
12	34531	Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
	34532	Piston, Pin & Ring Set (.010" OS)
	34533	Piston, Pin & Ring Set (.020" OS)
	33312B	Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.14)
	33313B	Piston & Pin Ass'y. (30.)(2-3/6) (in cl. 14) Piston & Pin Ass'y. (.010" OS) (Incl. 14)
	33314B	Piston & Pin Ass'y. (.020" OS) (Incl. 14)
	27888	Ring, Piston pin retaining
	34854	Ring Set (Std.) (2-5/8" Bore)
	34855	Ring Set (.010" OS)
	34856	Ring Set (.020" OS)
	31295C	Rod Assy., Connecting (Incl. 17)
	650662C	Bolt, Connecting rod (Incl. 2 pieces)
	34034	Lifter, Valve
	33156	Camshaft
	30622A	Extension, Blower housing
	650128	Screw, 10-24 x 1/2"
	650561	Screw, 1/4-20 x 5/8" (Use as required)
	30063	Screw, 1/4-20 x 1/2" (Use as required)
23	30684	Gasket Cylinder Cover
24	31303B	Cover, Cylinder (Incl. 26 & 34)
25	31546	Bushing, Crankshaft
26	28427	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)
	30700	Yoke, Governor
	650494	Screw, 6-40 x 5/16"
	29642	Ring, Retaining
	31845	Shaft, Mechanical governor
	30588A	Spool, Governor
	35479	Washer, Flat
	29193	Ring, Retaining
	30591	Gear Assy., Governor
	31843A	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	32783	Intake Valve (Std.)
	32783	Intake Valve (310.) Intake Valve (1/32" OS)
	27878A	
		Exhaust Valve (Std.)
	27880A	Exhaust Valve (1/32" OS)
	27882	Cap, Upper valve spring
44	27881	Spring, valve

	Part Number Qty	
	32581	Cap, Lower valve spring
46	33876	Gasket, Stator
47	650489	Screw, 1/4-20 x 5/8"
48	35182	Ground Wire
49	32589	Key, Flywheel
51	28938C	Gasket, Cylinder head
	30938A	Head, Cylinder
	34251	Resistor Spark Plug (RJ-17LM)
	610118	Cover, Spark plug (Use as required)
	30939A	Cover Assy., Cylinder head
	650691	Washer, Flat (Use as required)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650695A	Screw, 5/16-18 x 2-1/4" (Use as required)
	650690	
		Washer, Belleville (Use as required)
	29916	Clamp, Governor lever (Use as require d)
	30322	Locknut, 8-32
	33454	Lever Assy., Governor
	29918	Washer, Lock, No. 8 E.T.
	650548	Screw, 8-32 x 5/16"
	29216	Locknut, 10-32
	29826	Screw, 10-32 x 3/4"
65	34662	Link, Throttle
65A	34661	Link, Governor
67A	34664	Control Bracket (Incl. 68, 69, 72 & 1 38)
68	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
	610973	Terminal Assy. (Use as required)
	27896A	Gasket, Valve chamber cover
	28423	Breather Assy., Valve
	28424	Element, Breather
	28425	Cover, Valve spring box
	650128	Screw, 10-24 x 1/2"
	35350	Tube, Breather
	32446	Grommet, Breather tube
	27915A	* Gasket, Intake pipe to cylinder
	34712	Flange, Carburetor (Incl. 86A)
	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)
	34819	Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in
		730561 assembly only)
105	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
105	35355	Fuel Cap (Red plastic) (Use as requir ed)
	410144B	
		Fuel Cap (White Plastic)(Std.)(As req uired)
105	33032	Fuel Cap (Red Plastic) (Spurt resistant, Low profile) (Use as
		required)
106	29774	Fuel Line (Braided, 8 1/4") (Use as r equired)
	30962	Fuel Line (Braided, 32") (Use as required)
	26460	Clamp, Fuel line (Use as required)
	32158E	Blower Housing (For electric starter)
100		

109 297478 Screw, 5/16-24 x 2/132" 110 27930A "Gasket, Exhaust flange 1111 391026 Opt Spark Arrest Mut.(Incl.143,143A,1 43B) 1111 3340 Deflector, Exhaust (Optional) 1111 33714 Opt Spark Arrest Mut.(Incl.112,143,14 4,144A) 1112 30196 Screw, 5/16-18 x 3/4" 1113 26073 Washer, Flat 1116 35099 Screen, Stater cup 1116 56084A Screen, Stater cup 1116 35009 Screen, Stater cup 117 650815 Washer, Flat 118 8116 Nut, Hex 119 29716 Screen, V.14/28 x 7/16" 120 31705 Body, Air cleaner 121 28820 Screen, Milfer (Use as required) 123 31715 Body, Air cleaner 124 450152 Screen, Milfer (Use as required) 1438 33185 Cover & Lube, Milfer (Use as required) 1438 33185 Cover & Sube, Milfer (Use as required) 1443	Ref #	Part Number C	ty Description
1111 23910 Opt.Spark Arrest Muf.(Incl.143,143A,143B) 1111 34390 Deflector, Exhaust (Optional) 1111 33714 Opt.Spark Arrest Muf.(Incl.143,144,144A) 112 30196 Screw, Si/6-18 x 3/4* 113 26073 Washer, Flat 114 650694A Screw, Si/6-18 x 2/4* 115 32125 Cup, Starter 116 35009 Screen, Starter cup 117 650815 Washer, Flat 118 8116 Nut, Hex 119 29716 Screw, 14/-28 x 7/16* 120 31708 Bracket, Air cleaner 121 28820 Screw, 14/-28 x 7/16* 123 31705 Body, Air cleaner 124 450152 Screw, 14/-28 x 7/16* 138 34663 Spring, Speed control 143 33171 Screen, Nuffler (Use as required) 1434 33185 Cover & tube, Muffler (Use as required) 1443 33223 Screen, Muffler (Use as required) 1443 3323 Screen, Muffler (Use as required) 1443 31297	109	29747B	Screw, 5/16-24 x 21/32"
1111 23401 Opt.Spark Arrest Muf.(Incl.143,143A,143B) 1111 34390 Deflector, Exhaust (Optional) 1111 33714 Opt.Spark Arrest Muf.(Incl.143,144,144A) 112 30196 Screw, Si/6-18 x 3/4* 113 26073 Washer, Flat 114 650694A Screw, Si/6-18 x 2* 115 32125 Cup, Starter 116 35009 Screen, Starter cup 117 650815 Washer, Flat 118 8116 Nut, Hex 119 29716 Screw, 14/-28 x 7/16* 120 31708 Bracket, Air cleaner 121 28820 Screw, 14/-28 x 7/16* 123 31705 Body, Air cleaner 124 450152 Screw, 10-32 x 1/2* 138 34663 Spring, Speed control 1438 33171 Screen, Muffler (Use as required) 1443 33223 Screen, Muffler (Use as required) 1443 3323 Screen, Muffler (Use as required) 1443 31297			
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145 31297 Dipstick (Incl. 146A) 146A 29673 * Gasket, Oil fill 167 34174 Deflector, Exhaust 168 650665 Screw, 1/4-15 x 7/8" 182 33053 Valve, Fuel strainer & shut off 201A 730130 Muffler Adapter Kit (Incl.110,112)(As req.) 201B 730561 Air Cleaner Kit (Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100 & 230 (Used only on engine with an externally vented fully adjustable carburetor) 201 730164 Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 230)(As req.) 201 730164 Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124) (Use as required) 230 34346 Decal, Instruction 230 550223 Decal, Name 231 30547A Breaker Assy (Used on Std. Point igni tion) 231A 30548B Condenser 232A 631021 Inlet, Needle Seat & Clip Assy.			
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232A 631021 Inlet, Needle Seat & Clip Assy.			
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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)			Tube, Centering (Optional)
244 590613 Alternator Shaft (Optional)	244	590613	
			Carburetor (Incl. 85) (Refer to Division 5, Section A, page 186
for breakdown)			

Ref #	Part Number Q	y Description
251	611038	Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 39 for breakdown)
252	590420A	Rewind Starter (Refer to Division 5, Section C, page 25 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*)