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

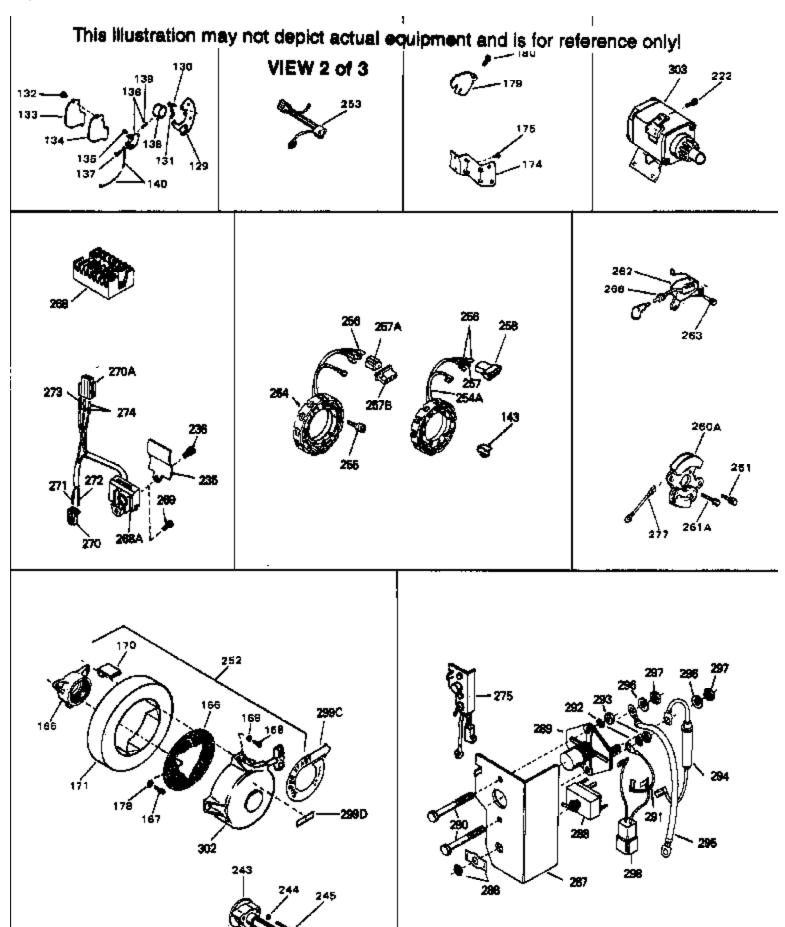


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15 32336 Re-Ringing Set, Piston 16 31919 Ring, Piston pin retaining 17 33093A Connecting Rod Assy.(Std.)(Incl.18, 19 & 20) 17 34383 Connecting Rod Assy.(.010" US)(Incl.1 8,19,20) 17 34384 Connecting Rod Assy.(.020" US)(Incl.1 8,19,20) 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 10 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 31956A * Gasket, Cylinder cover 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 25A 29673 * Gasket, Oil fill 26 33069 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 30 31927 Oil Drain Plug 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31963 Lever, Governor lever 34 29193 Ring, Retain	15	32626		Ring Set (.040" OS)
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34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8" 38 7975 Nut, 10-24				·
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37 650544 Screw, 10-24 x 7/8" 38 7975 Nut, 10-24				
38 7975 Nut, 10-24				
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39 31900 Mate, Governor spring				·
	39	31300		riale, Governor Spilling

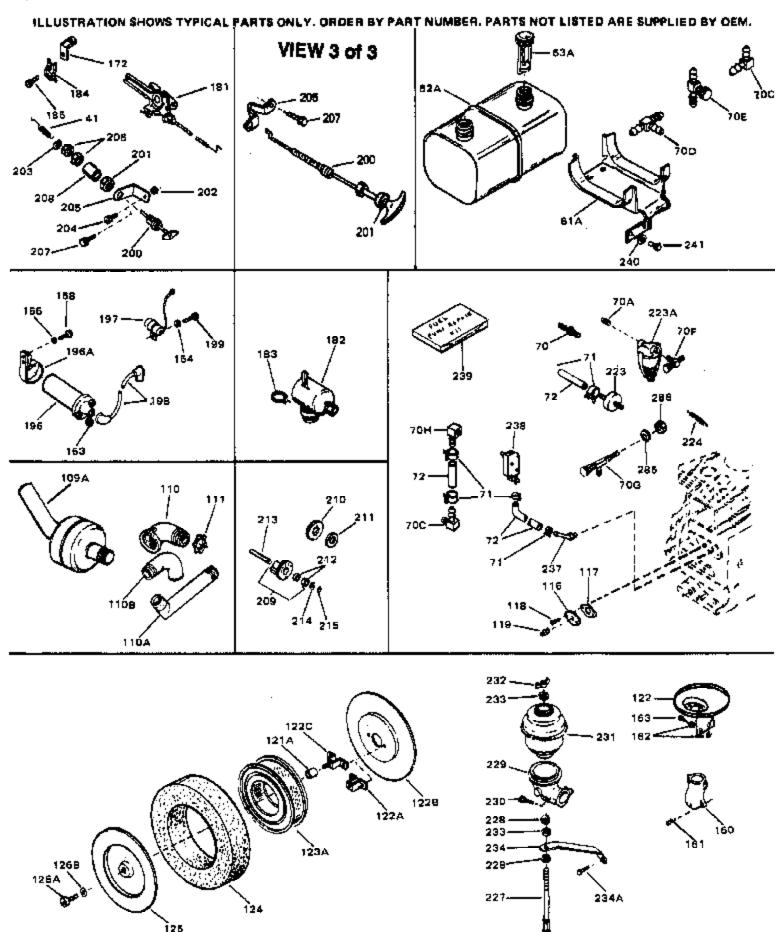
Rof #	Part Number Qty	Description
	30312	Screw, 10-32 x 1/2"
	31967	Spring, Governor
	30590A	Washer, Flat
	32425	Rod Assy., Governor
	31948	Spool, Governor
	29193	Ring, Retaining
46	31947	Gear Assy., Governor
47	31930	Shaft, Mechanical Governor
48	32246A	* Gasket, Cylinder head
49	33034	Head, Cylinder
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650711	Screw, 5/16-18 x 1-5/8" (Use as required)
	650628A	Screw, 5/16-18 x 2-3/8" (Use as requi red)
	650695A	Screw, 5/16-18 x 2-1/4" (Use as requi red)
	650714	Screw, 5/16-18 x 1-5/8" (Use as required)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
	650692	Screw, 5/16-18 x 1-3/4" (Use as required)
	650603	Screw, 5/16-18 x 5/8" (Use as require d)
	33636	Resistor Spark Plug (RJ-8C)
	34251	Resistor Spark Plug (RJ-17LM)
	33035	Cover, Cylinder head
	28537	Washer, Plain
57	650691	Washer, Flat (Use as required)
58	650690	Washer, Belleville (Use as required)
58	8274	Washer, Lock (Use as required)
59	650128	Screw, 10-24 x 1/2"
	31976	Extension, Blower housing
	410144B	Fuel Cap (White Plastic)(Std.)(As req uired)
	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
33	0.2.0	required)
67	650517	Screw, 1/4-20 x 27/32" (Use as requir ed)
	650561	Screw, 1/4-20 x 5/8" (Use as required)
	30063	Screw, 1/4-20 x 1/2" (Use as required)
	792028	
		Screw, 5/16-18 x 7/8" (Use as require d)
	26460	Clamp, Fuel line (Use as required)
	29774	Fuel Line (Braided) (8.25") (Use as r equired)
	30705	Fuel Line (Braided) (16") (Use as req uired)
	30962	Fuel Line (Braided) (32") (Use as req uired)
	30965	Fuel Line (Braided) (48") (Use as req uired)
	32579	Baffle, Blower housing
74	650561	Screw, 1/4-20 x 5/8"
	31932	Bearing, Tapered roller
79	31928	Cup, Bearing
80	32031	Spacer, Steel (.010" thick) NOTE: Determine the gap
		between the cover and the machined surface on the cylinder
		which can be from .001"up to .007" in which case no shim
		gaskets will be required. Use of gasket must be limited to a
		combined total of .010" thick. Steel spacersmust be used
		as required
<i>-</i> :	04074	·
81	31971	* Gasket, Shim (.004/.005 thick) NOTE: Determine the gap
		between the cover and the machined surface on the cylinder
		which can be from .001"up to .007" in which case no shim
		gaskets will be required. Use of gasket must be limited to a
		combined total of .010" thick. Steel spacersmust be used
		as req
		•

## Part Number Oty Description ## 3 31972 ** Gasket, Shim (1,005/007 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001" by 1,007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as req ## 20029 **O'* Ring Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001" by 100" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as required to eliminat ## 20029 Screw, 5116-18 x 72" Lockwasher, 5116" (Use as required to eliminat ## 20029 Screw, 5116-18 x 72" Lockwasher, 5116" (Use as required to eliminat ## 20029 Screw, 5116-18 x 72" Lockwasher, 5116" (Use as required to eliminat ## 20029 Screw, 5116-18 x 72" Lockwasher, 5116" (Use as required to eliminat ## 20029 Screw, 5116-24 x 314-16 ## 20030 Screw, 5116-24 x 316" ## 20030 Screw, 5116-34 x 316" ## 20030 Screw, 5116-38	Dof #	Part Number Ota	Description
between the cover and the machined surface on the cylinder which can be form. 001" by 0.07" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as req 82A 32599 "O" Ring Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .01" by 10.07" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" in thick. Steel spacersmust be used as required to eliminat 84 792028 84 792028 85 600696 84 86 600697 85 600696 86 600594 87 33044A 98 18274 98 18274 98 18094 Nut, Flywheel, 3/4-16 88 2074 98 31958 96 8274 98 31958 99 31957 100 35350 101 650128 103 31966 104 31994A 105 600597 106 600597 107 30099 108 30049 109 300438 110 30099 109 300438 111 200099 112 300099 113 20742 114 600597 115 Corew, 5/16-6/24 x 3/8" 115 Corew, 10-24 x 12" 116 6600597 117 30099 118 2042 Nipple, Exhaust pipe 119 300438 Plug, Button (Use as required) Nut & Lockwasher, Nove 110 200599 111 30767 122 32376 124 Bracket, Air cleaner 125 32376 126 600513 127 Corew, 5/16-18 x 5/8" (Use as required) 127 128 600713 128 600713 129 Corew, 5/16-18 x 5/8" (Use as required) 120 3073 121 30767 122 600591 123 31960 124 126 1272 126 600591 127 127 Gasket, Air cleaner 128 30009 129 Spacer, Air cleaner 126 40029 127 Gasket, Air cleaner 127 128 600429 129 Spacer, 5/16-18 x 5/8" (Use as required) 141 49073 141 20073 144 145 2074 145 31960 147 31999 151 3336 Feminal, Ground 173 610118 176 31992 177 8345 1845 1845 1856 1846 1857 1857 1868 1876 1876 1876 1886 1876 1876 1876 1876 1886 1876 1887 1886 1887 1887 1887 1887 1887 1888 1887 1887 1887 1888			
2577 Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001*up to .007* in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010* thick. Steel spacersmust be used as required to eliminat 84 792028 Screw, 5/16-18 x 7/8* Lockwasher, 5/16* (Use as required to eliminat 85 690966 Washer, Lock 86 650594 Nut, Flywheel, 3/4-16 87 33044A Blower Hsg, Inch.73 (For electric s tarter) 91 8274 Washer, Lock 92 650595 Screw, 5/16-24 x 3/8* Vasher, Lock 93 650605 Screw, 5/16-24 x 3/8* Vasher, Lock 94 650604 Screw, 5/16-24 x 3/8* Vasher Lock 95 8274 Washer, Lock 96 650604 Screw, 5/16-24 x 9/16* Screw, 5/16-24 x 3/8* Vasher Lock 97 31958 *Gasket, Breather 98 31958 *Gasket, Breather 99 31957 Breather Assy. 100 35350 Tube, Breather 101 650128 Screw, 10-24 x 1/2* Vasher, Wave 102 31984 Lever, Control 105 650397 Screw, 10-24 x 1/2* 107 33099 Spring 108 32042 Nipple, Exhaust pipe 109 32043B Muffler 112 33038 Plug, Button (Use as required) 113 329752 Screw, 10-32 x 5/8* Sud, Carburetor 122 32776 Bracket, Air cleaner 125 32376 Bracket, Air cleaner 126 650513 Nut, Wing 127 3009 Screw, 10-32 x 5/8* (Use as required) 128 650713 Screw, 10-32 x 5/8* (Use as required) 140 30036 Finding 141 28073 Washer, Flat (Use as required) 142 30070 Screw, 5/16-18 x 5/8* (Use as required) 143 1990 Screw, 5/16-18 x 5/8* (Use as required) 144 28073 Washer, Flat (Use as required) 145 31990 Briting 157 33056 Finding 169 1992 Screw, 5/16-18 x 5/8* (Use as required) 160 1992 Screw, 5/16-18 x 5/8* (Use as required) 160 1992 Screw, 5/16-18 x 5/8* (Use as required) 160 1992 Screw, 5/16-18 x 5/8* (Use as required) 161 1992 Screw, 5/16-18 x 5/8* (Use as required) 176 31992 Screw, 5/16-18 x 5/8* (Use as required) 177 3345 Washer, 114 plain (Use as required)	82	31972	between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used
84A 650679			Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as required to
84A 650679	84	792028	Screw. 5/16-18 x 7/8"
85 650666 86 650594 Nut, Flywheel, 3/4-16 87 33044A Blower Hsg. (Incl.73) (For electric s tarter) 91 8274 92 650595 93 8274 Washer, Lock 94 650624 93 31958 93 31958 93 31957 Breather Assy. 100 35350 101 650128 93 31968 103 31966 Bushing, Control lever 104 31984A Lever, Control 105 650597 106 650597 107 33099 108 32042 109 32043B 112 33039 113 29752 114 650567 115 27272 120 650399 121 30767 122 82376 123 8274 124 8274 125 8274 126 850713 127 93208 128 650713 129 8274 129 8276 120 650593 121 30767 122 82376 123 32378 Breather Assy. 124 12506493 125 126 126 126 126 126 126 126 126 126 126			
86 650594 87 33044A 87 33044A 87 33044A 88 Blower Hsg. (Incl.73) (For electric s tarter) 88 87 33044A 89 8274 89 65055 80 5274 80 650624 80 31958 80 31958 81957 81957 810 33390 810 10 650128 810 22558 810 31996 810 3			
87 33044A 91 8274 Washer, Lock Screw, 5716-24 x 3/8" Washer, Lock Washer, Lock Washer, Lock Screw, 5716-24 x 3/8" Washer, Lock Washer, Lock Washer, Lock Washer, Lock Washer, Lock Screw, 5716-24 x 3/8" Washer, Lock Ramer Washer, Lock Washer, Lock Washer, Lock Washer, Lock Washer, Lock Ramer Washer, Lock Washer, Lock Ramer Washer Washer, Ware Ramer Washer Washer, Ware Washer, Lock Washer, Ware Washer, Ware Washer, Ware Washer, Ware Washer, Ware Washer, Lock Washer, Ware Washer, Washer Washer, Washer Washer, Washer Washer, Washer, Marker Washer, Washer, Marker Washer, Mark			·
91 8274 92 650595 93 8274 94 Washer, Lock 95 650595 95 8274 Washer, Lock 96 650624 95 31958 96 31958 97 31957 98 1957 100 35350 101 650128 102 28558 103 319966 104 31994A 105 650597 106 650597 107 33099 108 32042 109 32042 109 320438 112 33038 112 33038 113 29752 114 650587 115 27272 12 650399 12 52784 12 32376 12 32378 12 32378 12 32378 12 850429 12 850713 12 860429 12 87272 13 8780201 14 8274 14 8274 14 8274 14 8274 15 3396 16 85073 16 85057 17 8pacer, Air cleaner 17 81999 18 850429 19 87616-18 x 5/8" (Use as required) 10 12 86073 11 87952 11 12 850713 12 860713 12 860713 13 857ew, 5/16-18 x 5/8" (Use as required) 14 8274 14 8274 14 8274 14 8274 15 31950 16 816073 17 31959 18 1816, Air Cleaner 17 31959 18 1919 18 1			
92 650695 95 8274 96 650624 97 83 1958 98 31958 99 31957 89 8274 100 35350 101 650128 102 28558 103 31966 104 31984A 105 650691 105 650691 106 650591 107 33099 108 32042 109 32043B 111 29752 112 2050399 113 29752 114 650587 115 27272 120 650399 121 30767 122E 32376 122E 32376 123E 3268 125E 32E 32E 32E 32E 32E 32E 32E 32E 32E 32			
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177 8345 Washer, 1/4 plain (Use as required)			
1/8 2/0/0 Washer, Lock 1/4 E.T. (Use as require d)			
	178	2/0/0	vvasner, Lock 1/4 E.I. (Use as require d)

Ref #	Part Number	Qty Description
178	650675	Washer, Flat 1/4 (Use as required)
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"
187	650713	Screw, 5/16-18 x 5/8"
188	26073	Washer, Flat
246	33776	Screen, Starter pulley
247	31980	Pulley, Starter
248	650680	Screw, 1/4-20 x 1-1/2"
249	32046	Rope Assy., Starter (Use as required)
264	650661	Screw, 1/4-20 x 3/4"
265	610408	Nut, Hex
266	610750	Grommet, Lead wire
267	610748	Solid State Magneto (Incl.151,173,265,266)
278	610746	Solid State Flywheel
299B	550223	Decal, Name
299B	32676	Decal, Solid State
299	34346	Decal, Instruction
299A	31752	Decal, Air cleaner
300	32255A	Valve, Seat, Spring & Gasket Assy.
301	631533	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 94
		for breakdown)
304	33237A	* Gasket Set (Incl. items marked *)



Ref #	Part Number	Qty	Description
178 180 222 222	27070 650675 650701 792028 650781 34276		Washer, Lock 1/4 E.T. (Use as require d) Washer, Flat 1/4 (Use as required) Screw, 8-18 x 7/16" (Use as required) Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor) Screw,5/16-18 x 11/16"(Use w/33835 st r.motor) Plate, Cover (Use as required to cover regulator mounting hole in blower housing)
	650736 730134		Screw, 10-16 x 3/8" (Use as required) Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use as required)
	33018 610761		Harness Assy., Adapter (Use as requir ed) Alternator Coil (Solid State) (10 Amp) (Incl. Nos. 253, 256 & 257A)
256 257B 257A 266 268 275	650416 610922 610824 610819 610750 610749 730198 33835		Screw, 10-32 x 1" Terminal, Female Flat Connector (Female terminals) (As req.) Connector, Pyramid (For female termin als) Grommet, Lead wire Solid State Regulator (10 Amp) Starter Switch Kit(Incl. 287-298) (As req.) Electric Starter Motor (12 Volt) NOTE: The 32817 and 33835 starter motors are used interchangeably on the se models. Refer to service numberstamped on end cap of motor, or on decal for identification. Refer to Division 5, Section D for breakdown.



Ref #	Part Number Q	ty Description
41	31967	Spring, Governor
70	29634	Fitting, Fuel line
71	26460	Clamp, Fuel line (Use as required)
72	29774	Fuel Line (Braided) (8.25") (Use as r equired)
72	30705	Fuel Line (Braided) (16") (Use as req uired)
72	30962	Fuel Line (Braided) (32") (Use as req uired)
72	30965	Fuel Line (Braided) (48") (Use as req uired)
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
123A	32008	Element, Air cleaner
172	31990	Bracket, Choke control
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"