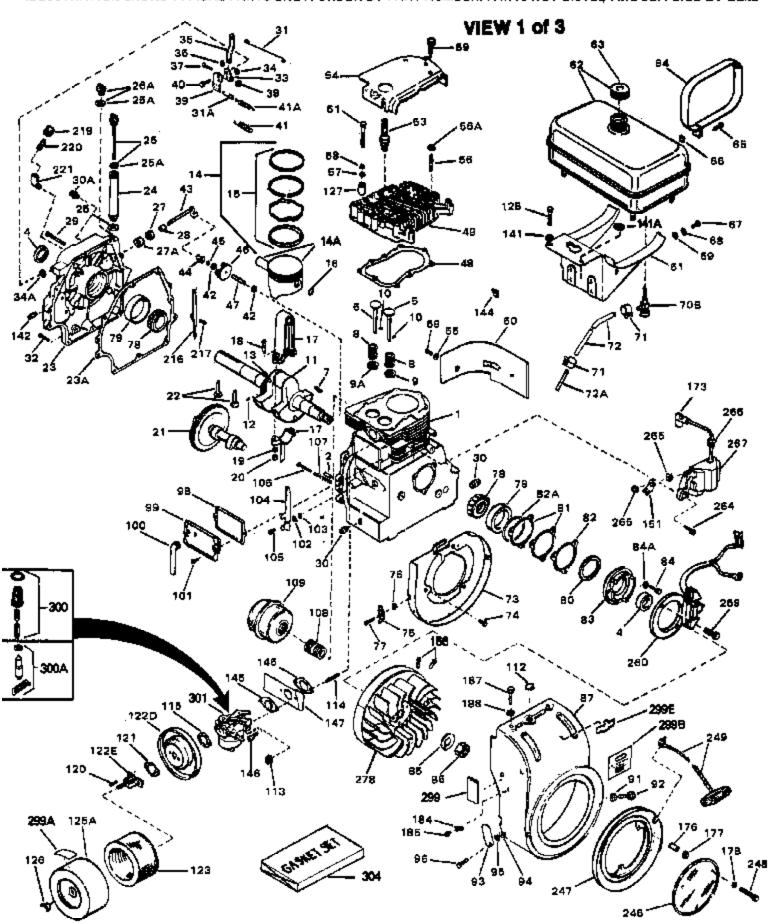
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEAL



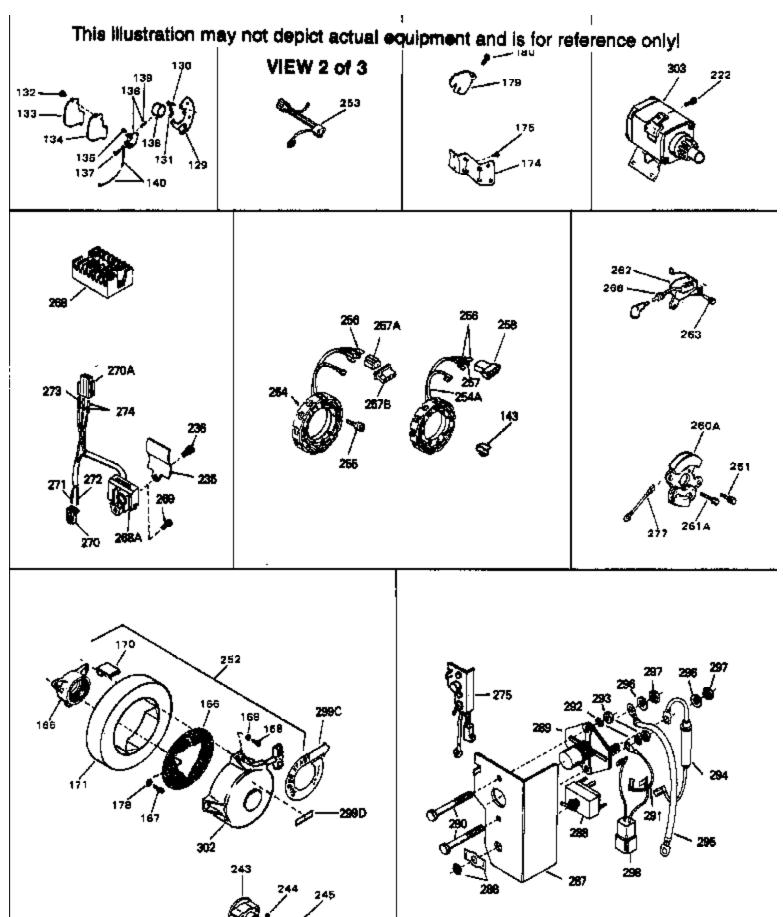
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14 34525 Piston, Pin & Ring Set (.040" OS) 15 32241 Ring Set (Std.) (3-1/2" Bore) 15 32242 Ring Set (.010" OS) 15 32243 Ring Set (.020" OS) 15 32625 Ring Set (.030" OS) 15 32626 Ring Set (.030" OS) 15 32336 Re-Ringing Set, Piston 16 31919 Ring, Piston pin retaining 17 33093A Connecting Rod Assy. (Std.) (Incl.18, 19 & 20) 17 34383 Connecting Rod Assy. (O10" US) (Incl.1 8, 19,20) 18 32077 Bolt, Connecting Rod Assy. (O20" US) (Incl.1 8, 19,20) 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting rod 20 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23A 31956A Cover, Oli fill tube 25A 29985 "O" Ring 25 29973 * Gasket, Cylinder cover 26 33055 Dipstick (Incl. 25A) 27 Spacer, Governor rod 28 2646 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 29 13 31968 Link, Governor 31 Ring, Retaining 25 Ring, Retaining 26 Royen roadjusting 27 Lover, 10-24 x 7/8"	14	34513	Piston, Pin & Ring Set (.020" OS)
15 32241 Ring Set (Std.) (3-1/2" Bore) 15 32242 Ring Set (0.10" OS) 15 32625 Ring Set (0.00" OS) 15 32626 Ring Set (0.00" OS) 16 32336 Re-Ringing Set, Piston 17 33093A Re-Ringing Rod Assy, (Std.) (Incl.18, 19 & 20) 18 32077 Rolt, Connecting Rod Assy, (0.10" US) (Incl.1 8, 19,20) 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting rod 10 28264 Nut Assy, Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23A 31956A Cover, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 33055 Dipstick (Incl. 25A) 27 Spacer, Oreveror rod 28 2664 Screw, 1/4-20 x 2" 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 31 31968 32 650451 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 37 650544 Screw, 10-24 x 7/8"	14	34524	Piston, Pin & Ring Set (.030" OS)
15 32241 Ring Set (Std.) (3-1/2" Bore) 15 32242 Ring Set (.010" OS) 15 32243 Ring Set (.020" OS) 15 32625 Ring Set (.030" OS) 15 32626 Ring Set (.040" OS) 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) 18 32077 Bolt, Connecting Rod Assy.(.020" US)(Incl.1 8, 19,20) 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting rod 10 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 31939 Lifter, Valve 24 32908 Oil Fill Tube 25 29673 * Gasket, Cylinder cover 26 33055 Dipstick (Incl. 25A) 27 31 31968 28 2426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 32 650451 Screw, 1/4-20 x 2" 31 31963 Lever, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 37 650544 Screw, 10-24 x 7/8"	14	34525	Piston, Pin & Ring Set (.040" OS)
15 32242 Ring Set (.010" OS) 15 32243 Ring Set (.020" OS) 15 32625 Ring Set (.030" OS) 15 32626 Ring Set (.040" OS) 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) 18 32077 Boltz October Octobe	15	32241	· · · · · · · · · · · · · · · · · · ·
15 32243 Ring Set (0.20" OS) 15 32625 Ring Set (0.30" OS) 15 32626 Ring Set (0.40" OS) 15 32336 Re-Ringing Set, Piston 16 31919 Ring, Piston pin retaining 17 34383 Connecting Rod Assy.(Std.)(Incl.18, 19 & 20) 17 34384 Connecting Rod Assy.(.020" US)(Incl.1 8,19,20) 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 20 28264 Nut Assy., Lock 21 32150 Carnshaft (MCR) 22 31939 Lifter, Valve 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23A 31956A * Gasket, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 33055 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor			
15 32625 Ring Set (.030" OS) 15 32626 Ring Set (.040" OS) 15 32336 Re-Ringing Set, Piston 16 31919 Ring, Piston pin retaining 17 33093A Connecting Rod Assy.(.010" US)(Incl.1 8, 19, 20) 17 34383 Connecting Rod Assy.(.020" US)(Incl.1 8, 19, 20) 18 32077 Bolt, 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 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23 32580A Cover, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 33055 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link,			
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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 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23 32580A Cover, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 3055 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31963 Lockwasher </td <td></td> <td></td> <td></td>			
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 & 1,19,20) 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 20 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23A 31956A * Gasket, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 33055 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Lever, Governor adjusting 36 650544 Screw, 10-24 x 7/8" </td <td></td> <td></td> <td></td>			
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22 31939 Lifter, Valve 23 32580A Cover, Cylinder (Incl. 4, 28, 30, 34, & 43) 23A 31956A * Gasket, Cylinder cover 24 32908 Oil Fill Tube 25A 29985 "O" Ring 25 29673 * Gasket, Oil fill tube 26 33055 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			
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28 32426 Spacer, Governor rod 29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"	26	33055	Dipstick (Incl. 25A)
29 650588 Screw, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			·
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33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			·
34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			
35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			
36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8"			· ·
37 650544 Screw, 10-24 x 7/8"			
38 7975 Nut, 10-24			
	38	1910	Nul, 10-24

39 40 41 42 43 44 45 46 47 48 49 51 51 51 51 51 51 53 53 54 55 57 58 59 60 63	Part Number 31965 30312 31967 30590A 32425 31948 29193 31947 31930 32246A 33034 650694A 650711 650628A 650714 650695A 650714 650697 650603 33636 34251 33035 28537 650691 650690 8274 650128 31976 410144B 34210	Qty	Description Plate, Governor spring Screw, 10-32 x 1/2" Spring, Governor Washer, Flat Rod Assy., Governor Spool, Governor Ring, Retaining Gear Assy., Governor Shaft, Mechanical Governor * Gasket, Cylinder head Head, Cylinder Screw, 5/16-18 x 2" (Use as required) Screw, 5/16-18 x 2-3/8" (Use as requi red) Screw, 5/16-18 x 2-3/8" (Use as requi red) Screw, 5/16-18 x 2-1/4" (Use as requi red) Screw, 5/16-18 x 2-1/4" (Use as requi red) Screw, 5/16-18 x 1-5/8" (Use as requi red) Screw, 5/16-18 x 1-3/4" (Use as requi red) Screw, 5/16-18 x 1-3/4" (Use as requi red) Screw, 5/16-18 x 5/8" (Use as requi red) Screw, 5/16-18 x 1-3/4" (Use as requi red) Screw, 5/16-18 x 1-3/4" (Use as required) Washer, Plain Washer, Plain Washer, Flat (Use as required) Washer, Belleville (Use as required) Screw, 10-24 x 1/2" Extension, Blower housing Fuel Cap (White Plastic) (Std.)(As req uired) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
67 67 71 72 72 72 72 73 74 78	650517 650561 30063 792028 26460 29774 30705 30962 30965 32579 650561 31932 31928 32031		Screw, 1/4-20 x 27/32" (Use as requir ed) Screw, 1/4-20 x 5/8" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 5/16-18 x 7/8" (Use as required) Clamp, Fuel line (Use as required) Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (16") (Use as required) Fuel Line (Braided) (32") (Use as required) Fuel Line (Braided) (48") (Use as required) Fuel Line (Braided) (48") (Use as required) Baffle, Blower housing Screw, 1/4-20 x 5/8" Bearing, Tapered roller Cup, Bearing 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
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

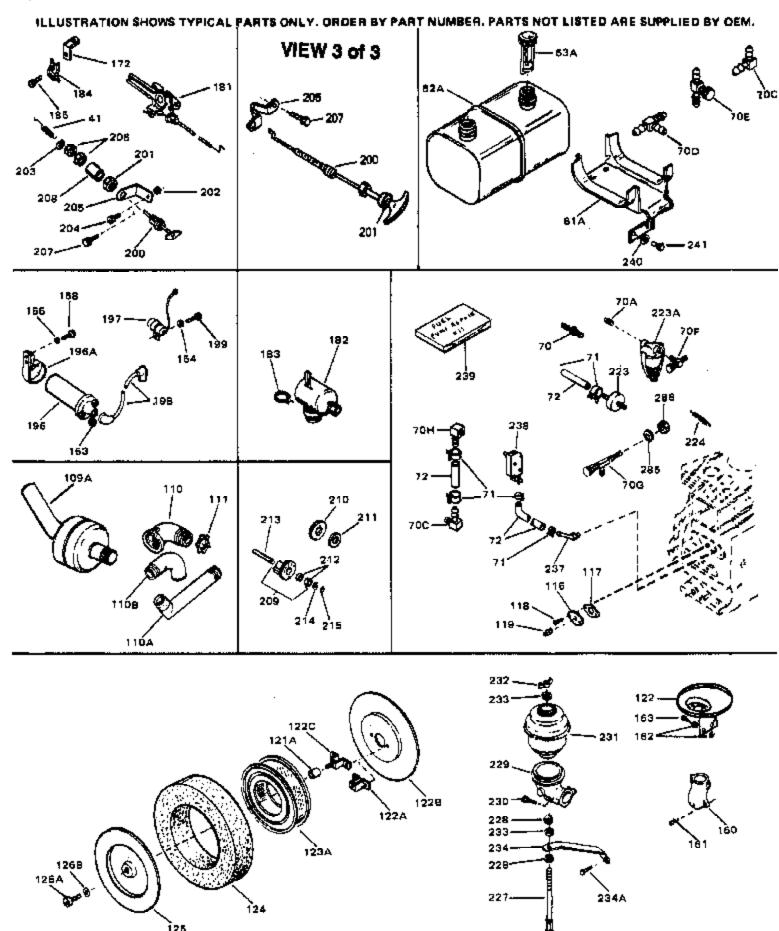
as req

Ref #	Part Number Q	ty Description
82	31972	* Gasket, Shim (.005/.007 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
	32599 32577	"O" Ring 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"
	650679	Lockwasher, 5/16" (Use as required)
85	650666	Washer, Lock
86	650594	Nut, Flywheel, 3/4-16
87	33044A	Blower Hsg. (Incl.73) (For electric s tarter)
	8274	Washer, Lock
	650595	Screw, 5/16-24 x 3/8"
	8274	Washer, Lock
	650624	Screw, 5/16-24 x 9/16"
	31958	* Gasket, Breather
	31957	Breather Assy.
	35350 650128	Tube, Breather
	28558	Screw, 10-24 x 1/2" Washer, Wave
	31966	Bushing, Control lever
	31984A	Lever, Control
	650597	Screw, 10-24 x 5/8"
	650591	Screw, 10-24 x 2"
	33099	Spring
112	33038	Plug, Button (Use as required)
113	29752	Nut & Lockwasher Assy.
	650587	Stud, Carburetor
	27272	* Gasket, Air cleaner
	650399	Screw, 10-32 x 5/8"
	30767	Spacer, Air cleaner
	650513	Nut, Wing
	650713 650429	Screw, 5/16-18 x 5/8" (Use as require d) Screw, 5/16-18 x 3/4" (Use as require d)
	792028	Screw, 5/16-18 x 7/8" (Use as require d)
141A		Lockwasher, Split (Use as required)
	26073	Washer, Flat (Use as required)
	31960	* Gasket, Carburetor
	31959	Baffle, Air
151	610908	Terminal, Female
156	730201	Trigger Pin Kit (Use as required)
	610118	Cover, Spark plug (Use as required)
	32426	Spacer, Screen
	650675	Washer, Flat 1/4"
	8345	Washer, 1/4 plain (Use as required)
	27070	Washer, Lock 1/4 E.T. (Use as require d)
	650675	Washer, Flat 1/4 (Use as required)
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
187	650713	Screw, 5/16-18 x 5/8"

Ref #	Part Number Qt	y Description
188	26073	Washer, Flat
219	32154	Cap, Pipe
220	32438	Nipple, Pipe
246	33776	Screen, Starter pulley
248	650670	Screw, 1/4-20 x 3/4"
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	610906	Solid State Magneto (Incl.151,173,265,266)(20 Amp)
278	610901	Solid State Flywheel
299B	32730	Decal, Craftsman
299	34346	Decal, Instruction
300	32411A	Valve, Seat, Spring & Gasket Assy.
301	631498	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	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
179	33013		Cover, Starter bubble
180	650701		Screw, 8-18 x 7/16" (Use as required)
222	792028		Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor)
222	650781		Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
235	34276		Plate, Cover (Use as required to cover regulator mounting
			hole in blower housing)
236	650736		Screw, 10-16 x 3/8" (Use as required)
252	730134		Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use
			as required)
253	33018		Harness Assy., Adapter (Use as requir ed)
	610902		Alternator Coil (20 Amp)(Incl.256,257 ,258)
	650521		Screw, 10-32 x 1-1/8"
256	610905		Terminal
257B	610824		Flat Connector (Female terminals) (As req.)
257	610904		Terminal
258	610903		Connector, Flat
266	610750		Grommet, Lead wire
275	730198		Starter Switch Kit(Incl. 287-298) (As req.)



Ref #	Part Number	Qty	Description
41	31967		Spring, Governor
70G	32961		Valve, Fuel shut-off
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)
121A	29774		Spacer, Air cleaner
122C	32907B		Bracket, Air cleaner
122B	32905		Bracket, Air cleaner
123A	32008		Element, Air cleaner
124	32906		Element, Pre-Air cleaner
125	32904		Cover, Pre-air cleaner
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
237	32958		Fitting, Fuel
238	32959		Fuel Pump, Impulse
239	33010		Repair Kit, Impulse fuel pump
285	32960		Washer, Lock
286	650849		Nut, Hex jam, 3/8-24