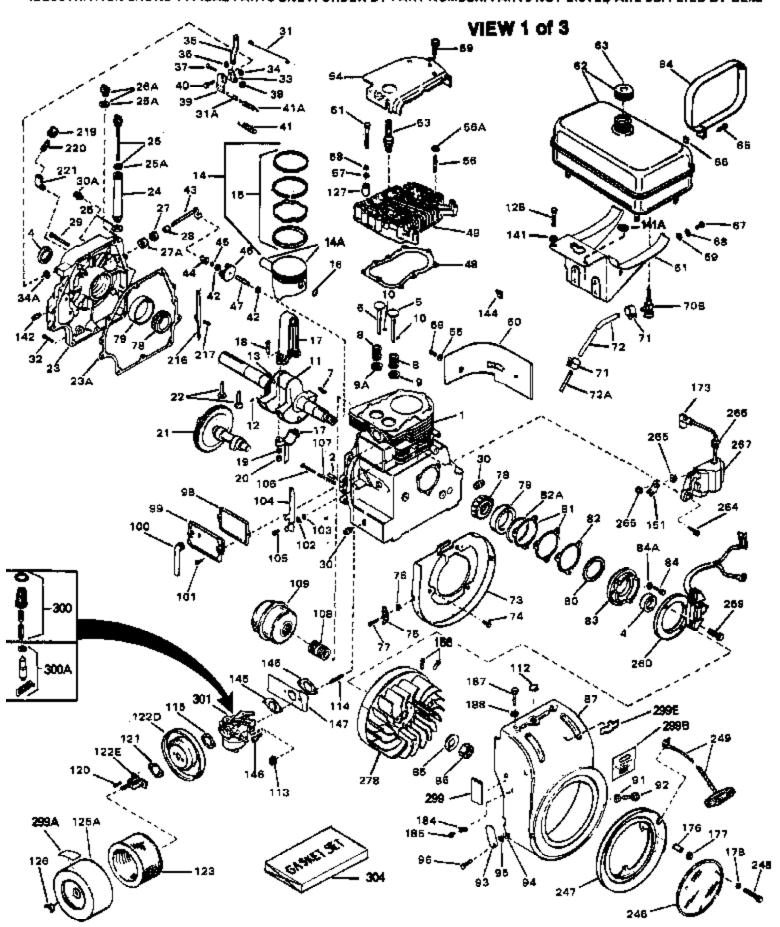
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

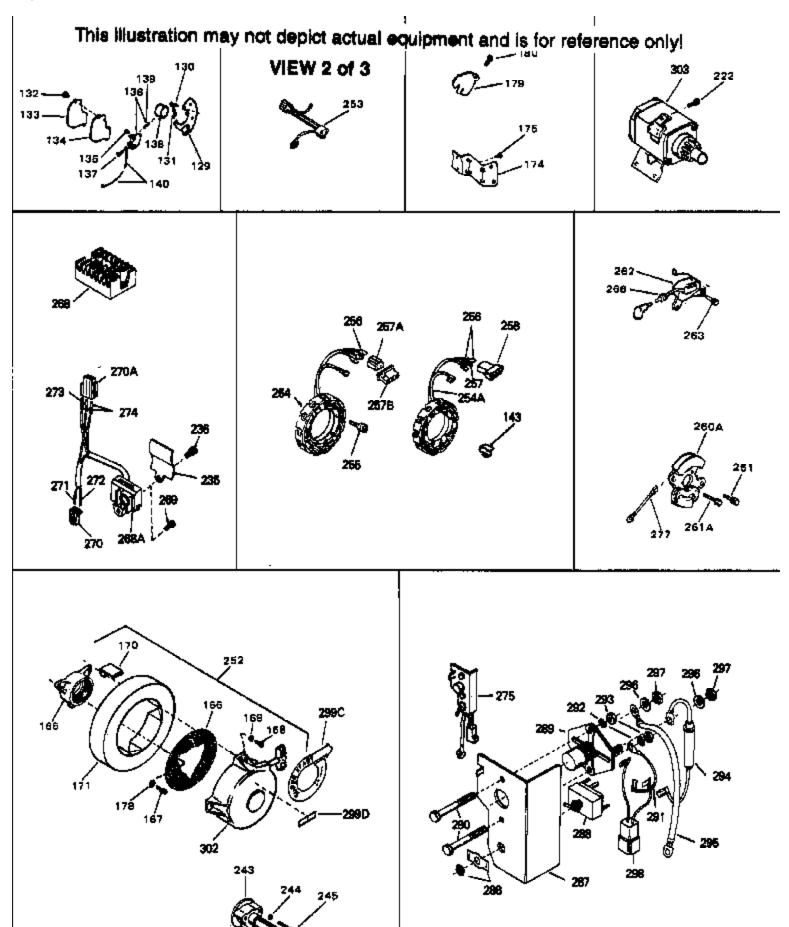


1 33042 2 27652 4 31950 1 31950 5 31940 5 31941 6 31942 6 31942 6 31942 8 2 27652 8 2 3 31943 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ref #	Part Number	Qtv	Description
2 27652 Pin, Dowel 3 31940 Intake Valve (Std.) 5 31941 Intake Valve (Std.) 6 31942 Exhaust Valve (Std.) 6 31943 Exhaust Valve (Std.) 7 660592 Key, Flywheel 8 31944 Spring, Valve 9 31946 Cap, Lower valve spring (Kotaro) 9 31946 Cap, Lower valve spring (Kotaro) 10 20810 Pin, Valve yeng gring retainer 11 32293C Crankshaft (Incl. 12, 13, 17, 78 & 79) 11, 229783 Pin, Crankshaft (Incl. 12, 13, 17, 78 & 79) 12 29783 Pin, Crankshaft (Incl. 12, 13, 17, 78 & 79) 14 32239B Piston & Pin Assy, (Col') O'S (Incl. 16) 14 32229B Piston & Pin Assy, (Col') O'S (Incl. 16) 14 32229B Piston & Pin Assy, (Col') O'S (Incl. 16) 14 34511 Piston, Pin Assy, (Col') O'S (Incl. 16) 14 34511 Piston, Pin Assy, (Col') O'S (Incl. 16) 14 34512 Piston, Pin Assy, (Col') O'S (Incl. 16) 14 34524 Piston, Pin As Ring Set (Old') O'S) 15 32241 Ring Set (Mall) (3-1/2* Bore) 15 32241 Ring Set (Mall) (3-1/2* Bore) 16 32242 Ring Set (Mall) (3-1/2* Bore) 17 30393 Connecting Red Assy, (Incl.) (10) 18 3293 Ring Set (Mall) (3-1/2* Bore) 19 18 32077 Bolt (Mall) (10) 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting Rod Assy, (Incl. 18, 19, 20) 20 26264 Nut Assy, (Lod') O'S (Incl. 18, 19, 20) 21 3199 Ring Set (Mall) (Incl. 25A) 22 3199 Pipton (Incl. 25A) 23 31964 Capmon of the Ring Set (Mall) (Incl. 18, 19, 20) 24 3199 Ring Set (Mall) (Incl. 25A) 25 32963 Ring Set (Mall) (Incl. 25A) 26 3069 Pipton, Pin Reling Set (Mall) (Incl. 25A) 27 31 31964 Capmon of the Ring Set (Mall) (Incl. 25A) 28 30 31927 Oil Drain Plug 29 40 20 20 20 20 20 20 20 20 20 20 20 20 20				
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8 31946 9 31946 Qap, Lower valve spring (1/32" OS) 9 31945 Qap, Lower valve spring (Std.) Cap, Lower valve spring (Std.) Cap, Lower valve spring (Std.) Cap, Lower valve spring (Rotator) 10 20810 Pin, Valve spring retainer Crankshaft (Incl. 12, 13, 17, 78 & 79) 12 29783 Pin, Crankshaft (Incl. 12, 13, 17, 78 & 79) Pin, Crankshaft (Incl. 12, 13, 12, 12) Pin, Crankshaft (Incl. 12, 13, 12, 1				
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11 32290C				
12 29783 13 31931 14A 32238B 14A 32238B 14A 32238B 14A 32240B 14A 32240B 14A 32621B 14A 32621B 14A 32621B 14A 32621B 14A 32621B 14B Piston & Pin Assy. (.010" OS) (Incl. 16) 14A 32621B 14B Piston & Pin Assy. (.020" OS) (Incl. 16) 14A 32621B 14B Piston & Pin Assy. (.030" OS) (Incl. 16) 14A 32621B 14B Piston & Pin Assy. (.030" OS) (Incl. 16) 14B 34611 14B Piston, Pin & Ring Set (.030" OS) (Incl. 16) 14B 34512 14B Piston, Pin & Ring Set (.010" OS) 14B 34513 14B Piston, Pin & Ring Set (.010" OS) 15B 32241 15B 32241 15B 32242 15B 32242 15B 32242 15B 32243 15B 32625 15B 32626 15B 32336 15B 32626 15B 32336 15B 32636 16B 31919 17B 33033A 17B 34384				· · ·
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14A 32238B				
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14A 32240B Piston & Pin Assy', (020" OS) (Incl. 16) 14A 32621B Piston & Pin Assy, (030" OS) (Incl. 16) 14A 32622B Piston & Pin Assy, (040" OS) (Incl. 16) 14 34511 Piston, Pin & Ring Set (Std.) (3-1/2" Bore) 14 34512 Piston, Pin & Ring Set (020" OS) 14 34513 Piston, Pin & Ring Set (020" OS) 14 34524 Piston, Pin & Ring Set (020" OS) 15 32241 Ring Set (Std.) (3-1/2" Bore) 15 32242 Ring Set (010" OS) 15 32242 Ring Set (020" OS) 15 32625 Ring Set (020" OS) 15 32626 Ring Set (040" OS) 15 32626 Ring Set (040" OS) 15 32336 Re-Ringing Set (Piston 16 31919 Ring Piston pin retaining 17 34383 Connecting Rod Assy, (3td.) (Incl.18, 19 & 20) 17 34384 Connecting Rod Assy, (10"0" US) (Incl.1 8, 19,20) 18 32077 Bolt, Connecting Rod 19 26073 Bolt, Connecting Rod 20 28264 Nut As				• ' '' '
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14 34511 Piston, Pin & Ring Set (Std.) (3-1/2" Bore) 14 34512 Piston, Pin & Ring Set (100" OS) 14 34513 Piston, Pin & Ring Set (1020" OS) 14 34524 Piston, Pin & Ring Set (1020" OS) 15 32241 Piston, Pin & Ring Set (1040" OS) 15 32241 Ring Set (1010" OS) 15 32242 Ring Set (1010" OS) 15 32243 Ring Set (1020" OS) 15 32626 Ring Set (1020" OS) 16 32626 Ring Set (1040" OS) 17 34383 Re-Ringing Set, Piston 18 31919 Ring, Piston pin retaining 17 30933A Connecting Rod Assy.(Std.)(Ind.18, 19 & 20) 17 34384 Connecting Rod Assy.(1010" US)(Ind.1 8,19,20) 18 32077 Bolt, Connecting Rod Assy.(1020" US)(Ind.1 8,19,20) 18 32077 Bolt, Connecting rod 18 32077 Bolt, Connecting rod 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting rod 20 28264 Nut Assy., Lock 21 3150 Camshaff (MCR) 22 31939 Lifter, Valve 23 31939 Lifter, Valve 23 31936A "Gasket, Oylinder cover 24 26 3069 Distick (Ind. 25A) 25A 29673 "Gasket, Oylinder cover 29 650588 Crew, 1/4-20 x 2" 31 31968 Link, Governor 32 650451 Screw, 1/4-20 x 1" 33 31964 Screw, 1/4-20 x 1" 34 393 Lever, Governor adjusting 35 31963 Lever, Governor ladjusting 36 650518 Cockwasher 37 650544 Screw, 10-24 x 7/8" 38 31965 Plate, Governor spring				
14 34512 Piston, Pin & Ring Set (.010" OS) 14 34524 Piston, Pin & Ring Set (.020" OS) 14 34524 Piston, Pin & Ring Set (.030" OS) 15 32241 Ring Set (.010" OS) 15 32242 Ring Set (.010" OS) 15 32242 Ring Set (.010" OS) 15 32243 Ring Set (.010" OS) 15 32243 Ring Set (.030" OS) 15 32625 Ring Set (.030" OS) 15 32626 Ring Set (.040" OS) 16 31919 Ring Set (.040" OS) 17 34333 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.(.010" US)(Incl.1 8, 19.20) 18 32077 Bolt, Connecting Rod Assy.(.010" US)(Incl.1 8, 19.20) 18 32077 Bolt, Connecting Rod Assy.(.010" US)(Incl.1 8, 19.20) 18 32077 Bolt, Connecting Rod Assy.(.010" US)(Incl.1 8, 19.20) 18 32077 Bolt, Connecting Rod Assy.(.010" US)(Incl.1 8, 19.20) 19 26073 Washer, Connecting rod 19 26264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 34095 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 26 33069 Dipstick (Incl. 25A) 26 32426 Spacer, Governor rod 29 650588 Screw, 14-20 x 2" 31 31968 Link, Governor 31 31968 Link, Governor 32 34993 Ring, Retaining 4 29193 Ring, Retaining 5 Retaining 6 650518 Lockwasher 5 Ring Retaining 6 Lockwasher 7 Nut, 10-24 7 Plate, Governor spring				
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14 34524 13 4525 14 34525 15 32241 15 32242 16 Ring Set (.010" OS) 16 32242 17 Ring Set (.010" OS) 18 Ring Set (.010" OS) 18 32243 18 Ring Set (.020" OS) 19 32625 19 32626 19 32626 19 Ring Set (.020" OS) 19 32626 19 Ring Set (.020" OS) 10 31919 11 33033A 11 3033A 11 3033A 11 3033A 11 3033A 11 3033A 11 3033A 12 Connecting Rod Assy.(.010" US)(Incl.1 8, 19.8. 20) 11 34383 12 Connecting Rod Assy.(.010" US)(Incl.1 8, 19.20) 13 32077 14 36073 15 32073 16 32073 17 34384 18 32077 19 36073 20 28264 21 32150 28264 21 32150 28264 21 32150 28264 22 31939 23 41956A 23 34096 24 Gasket, Cylinder cover 23 34096 25 A 29673 26 33069 27 Gasket, Oylinder cover 29 650588 29 32426 29 650588 20 31927 20 IDpstick (Incl. 25A) 29 650588 20 31927 20 IDpstick (Incl. 25A) 20 31938 21 Link, Governor rod 22 660451 23 31963 24 Clamp, Governor lever 34 29193 35 31963 26 Corew, 1/4-20 x 2" 27 Oil Drain Plug 28 1933 29 Ring Set (.040" OS) 29 Ring Set (.020" OS) 20 Ring Set (.040" OS) 20 Rear (.040" OS) 21 Ring Set (.020" OS) 22 Rear (.040" OS) 23 Ring Set (.020" OS) 24 Ring Set (.020" OS) 25 Rear (.040" OS) 26 Rear (.040" OS) 27 Cover (Incl. 4,25,26A,27,27A,28,3 0,34,43) 28 Spacer, Governor rod 29 650588 29 Covernor rod 20 Covernor Plug 20 Clamp, Governor Rear (.040" OS) 21 Ring Set (.020" OS) 22 Rear (.040" OS) 23 Ring Set (.020" OS) 24 Ring Set (.020" OS) 25 Ring Set (.020" OS) 26 Ring Set (.020" OS) 27 Oil Drain Plug 28 Ring, Retaining 29 Link, Governor spring 20 Covernor spring				
14 34525 Piston, Pin & Ring Set (.040" OS) 15 32241 Ring Set (.010" OS) 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 33033A 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) 19 26073 Washer, Connecting rod 19 26073 Washer, Connecting rod 20 28264 Nut Assy, Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 34395 Cylinder cover 24 34095 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 25A 29673 Rasket, Oll fill 26 33069 Dipstick (Incl. 25A) 28 32426 Spacer, Governor rod 29 660588 Screw, 1/4-20 x 2" 30 31927 Oil Drain Plug 31 31968 Link, Governor 32 Screw, 1/4-20 x 1" 33 31964 Clamp, Governor lever 34 29193 Ring, Retaining 36 650518 Lockwasher 37 650644 Screw, 1/0-24 x 7/8" Nut, 10-24 x 7/8"				
15 32241 16 32242 17 Ring Set ((010" OS) 17 32243 18 Ring Set ((010" OS) 18 32625 19 32626 19 32626 19 32936 10 31919 11 33093A 12 Connecting Rod Assy.(010" US)(Incl.18, 19 & 20) 17 34383 18 Connecting Rod Assy.(010" US)(Incl.1 8, 19,20) 18 32077 19 26073 19 26073 20 28264 21 32150 22 31939 23A 31956A 23 34095 25A 29673 26 33069 27 Bolt Connecting Rod Assy.(010" US)(Incl.1 8, 19,20) 28 32426 29 650588 20 27 Cyl. Cover (Incl.4, 25, 26A, 27, 27A, 28, 3 0, 34, 43) 26 3069 27 Spacer, 14-20 x 2" 28 31936 31927 31 31968 32 650451 33 1964 4 Clamp, Governor rod Clamp, Governor lever Ring Set ((010" OS) Ring Set ((010" OS) Ring Set ((010" OS) Ring Set ((010" OS) Ring Set ((040" OS) Ring				
15 32242 16 32243 17 32243 18 Ring Set (020" OS) 18 32625 18 Ring Set (030" OS) 19 32626 19 Ring Set (030" OS) 10 32336 11 32336 12 Re-Ringing Set, Piston 13 3093A 15 2626 17 34983 18 Connecting Rod Assy. (101" US)(Incl.1 8, 19 & 20) 19 34983 10 Connecting Rod Assy. (010" US)(Incl.1 8, 19,20) 19 34983 10 Connecting Rod Assy. (020" US)(Incl.1 8, 19,20) 19 26073 10 28264 11 22150 12 31939 12 Lifter, Valve 13 31956A 13 31956A 14 Gasket, Cylinder cover 15 Cyl. Cover (Incl.4, 25, 26A, 27, 27A, 28, 3 0, 34, 43) 16 33069 17 34384 18 32077 19 26073 19 26073 20 28264 21 22150 23 14399 24 Ring Ret (011, 25A) 25A 29673 26 3069 27 Cyl. Cover (Incl.4, 25, 26A, 27, 27A, 28, 3 0, 34, 43) 26 33069 27 Cyl. Cover (Incl. 25A) 28 32426 29 650538 29 650538 20 31927 21 Oil Drain Plug 21 1/4-20 x 2" 23 3 31968 24 Clamp, Governor lever 25 Alag. (24 Clamp, Governor aljusting 26 260518 27 Corew, 1/4-20 x 1" 28 29193 28 1965 29 650544 29 Covernor spring				
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 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 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 3495 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 25A 29673 * Gasket, Oli 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 36 650451 Screw, 1/4-20 x 1				Ring Set (Std.) (3-1/2" Bore)
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) 17 34384 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 31956 Camshaft (MCR) 12 31939 Lifter, Valve 23 34095 Cyl. Cover (Incl.4;25,26A,27;27A,28,3 0,34,43) 25A 29673 * Gasket, Oil fill 26 32426 Spacer, Governor rod 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, 1/4-2				Ring Set (.010" 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 19 26073 Washer, Connecting rod 20 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23 34995 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 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 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lockwasher	15	32243		Ring Set (.020" OS)
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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 Washer, Connec	15	32336		Re-Ringing Set, Piston
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 20 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23A 31956A * Gasket, Cylinder cover 23 34095 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 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 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8" Nut, 10-24 39 31965 Plate, Governor spring	16	31919		Ring, Piston pin retaining
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 20 28264 Nut Assy., Lock 21 32150 Camshaft (MCR) 22 31939 Lifter, Valve 23A 31956A * Gasket, Cylinder cover 23 34095 Cyl. Cover (Incl.4,25,26A,27,27A,28,3 0,34,43) 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 31964 Clamp, Governor lever 34 29193 Ring, Retaining 35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8" Nut, 10-24 39 31965 Plate, Governor spring	17	33093A		Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)
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35 31963 Lever, Governor adjusting 36 650518 Lockwasher 37 650544 Screw, 10-24 x 7/8" 38 7975 Nut, 10-24 39 31965 Plate, Governor spring				•
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40 30312 SCIEW, 10-32 X 1/2"				
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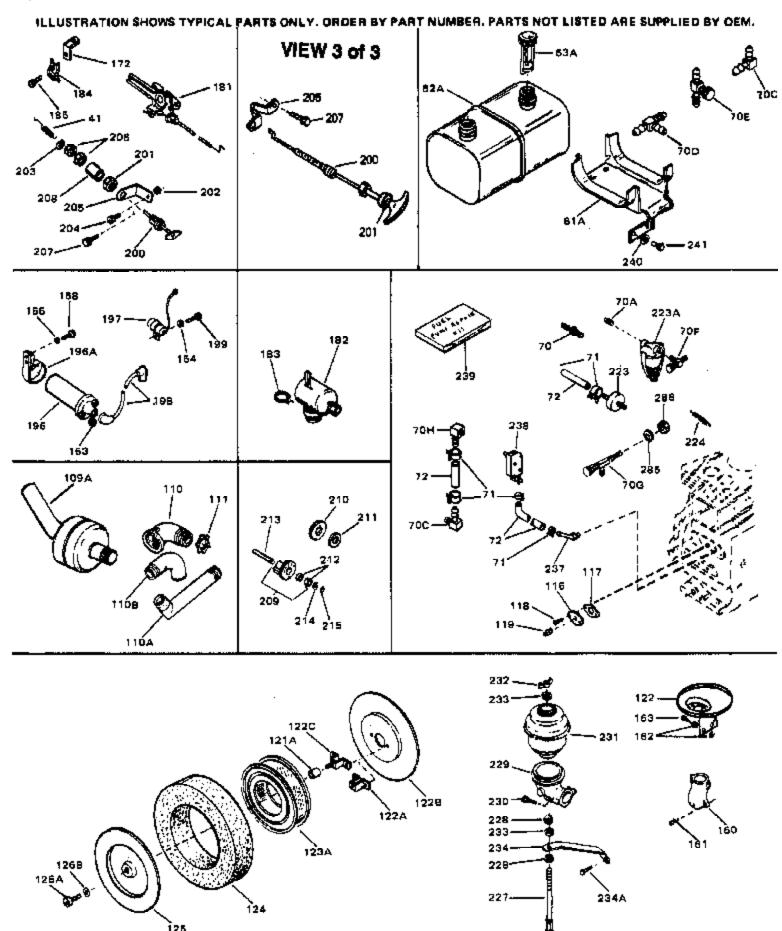
Ref #	Part Number Qty	Description
	31967	Spring, Governor
	30590A	Washer, Flat
	32425	
		Rod Assy., Governor
	31948	Spool, Governor
	29193	Ring, Retaining
	31947	Gear Assy., Governor
	31930	Shaft, Mechanical Governor
	32246A	* Gasket, Cylinder head
	33034	Head, Cylinder
	650694A	Screw, 5/16-18 x 2" (Use as required)
51	650711	Screw, 5/16-18 x 1-5/8" (Use as requi red)
51	650628A	Screw, 5/16-18 x 2-3/8" (Use as requi red)
51	650695A	Screw, 5/16-18 x 2-1/4" (Use as requi red)
51	650714	Screw, 5/16-18 x 1-5/8" (Use as requi red)
51	650697A	Screw, 5/16-18 x 2-1/2" (Use as requi red)
51	650692	Screw, 5/16-18 x 1-3/4" (Use as requi red)
	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
	650691	Washer, Flat (Use as required)
	650690	Washer, Belleville (Use as required)
	8274	Washer, Lock (Use as required)
	650128	
		Screw, 10-24 x 1/2"
	31976	Extension, Blower housing
	410144B	Fuel Cap (White Plastic)(Std.)(As req uired)
63	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		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 required)
	30962	Fuel Line (Braided) (32") (Use as req uired)
	30965	Fuel Line (Braided) (48") (Use as req uired)
	32579	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	31932	Bearing, Tapered roller
	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
01	31971	* Gasket, Shim (.004/.005 thick) NOTE: Determine the gap
01	013/1	
		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 Qty	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
84A 85 86 87 91 92 95 96 98 99 100 101 103 104 105 106 107 108 109 112 113 114 115 120 121 122E 122D 125A 126 128	792028 650679 650666 650594 33044A 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 32043B 33038 29752 650587 27272 650399 30767 32376 32378 32009 650513 650713	eliminat Screw, 5/16-18 x 7/8" Lockwasher, 5/16" (Use as required) Washer, Lock Nut, Flywheel, 3/4-16 Blower Hsg. (Incl.73) (For electric s tarter) Washer, Lock Screw, 5/16-24 x 3/8" Washer, Lock Screw, 5/16-24 x 9/16" * Gasket, Breather Breather Assy. Tube, Breather Screw, 10-24 x 1/2" Washer, Wave Bushing, Control lever Lever, Control Screw, 10-24 x 5/8" Screw, 10-24 x 2" Spring Nipple, Exhaust pipe Muffler Plug, Button (Use as required) Nut & Lockwasher Assy. Stud, Carburetor * Gasket, Air cleaner Screw, 10-32 x 5/8" Spacer, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Cover, Air cleaner Nut, Wing Screw, 5/16-18 x 5/8" (Use as require d)
128 141 141A 145 147 151 156 173 176	650429 792028 26073 8274 31960 31959 33356 730201 610118 31992 8345 27070	Screw, 5/16-18 x 3/4" (Use as require d) Screw, 5/16-18 x 7/8" (Use as require d) Washer, Flat (Use as required) Lockwasher, Split (Use as required) * Gasket, Carburetor Baffle, Air Terminal, Ground Trigger Pin Kit (Use as required) Cover, Spark plug (Use as required) Spacer, Screen Washer, 1/4 plain (Use as required) Washer, Lock 1/4 E.T. (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
	32676	Decal, Solid State
	34346	Decal, Instruction
299A	31752	Decal, Air cleaner
	32411A	Valve, Seat, Spring & Gasket Assy.
301	631498	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 94 for breakdown)
		IOI DIGARGOWII)
304	33237A	* Gasket Set (Incl. items marked *)



Ref #	Part Number	y Description	
178 180 222 222	27070 650675 650701 792028 650781 34276	Washer, Lock 1/4 E.T. (Use Washer, Flat 1/4 (Use as response) Screw, 8-18 x 7/16" (Use as Screw, 5/16-18 x 7/8" (Use Screw,5/16-18 x 11/16"(Use Plate, Cover (Use as require hole in blower housing)	equired) s required) w/32817 st r.motor)
	650736 730134	Screw, 10-16 x 3/8" (Use as Rewind Starter Kit (Incl. 165 as required)	s required) 5, 166, 167, 168, 169 & 291) (Use
	33018 610761	Harness Assy., Adapter (Us Alternator Coil (Solid State) 257A)	se as requir ed) (10 Amp) (Incl. Nos. 253, 256 &
256 257B 257A 266 268 275	650416 610922 610824 610819 610750 610749 730198 33835	starter motors are used inte Refer to service numberstar	male termin als) mp)



Ref #	Part Number	Qty	Description
41	31967		Spring, Governor
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"
237	32958		Fitting, Fuel
238	32959		Fuel Pump, Impulse
239	33010		Repair Kit, Impulse fuel pump