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



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Rof #	Part Number	∩tv	Description
	33042	чιу	Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
	27652		Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		· · ·
	31942		Intake Valve (1/32" OS) (Incl. 9)
			Exhaust Valve (Std.)  Exhaust Valve (1/33" OS) (Incl. 0)
	31943 650592		Exhaust Valve (1/32" OS) (Incl. 9)
	31944		Key, Flywheel
			Spring, Valve
	31946		Cap, Lower valve spring (1/32" OS)
	31945 31945		Cap, Lower valve spring (Std.)
	31946		Cap, Lower valve spring (Std.) Cap, Lower valve spring (1/32" OS)
	20810		Pin, Valve spring retainer
	32293C		Crankshaft (Incl. 12, 13, 17, 78 & 79 )
	29783		Pin, Crankshaft gear
	31931		
	32238B		Gear, Crankshaft Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")
	32239B		Piston & Pin Ass'y. (310.)(Incl. 10)(3-172)
	32240B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	32621B		Piston & Pin Ass'y. (.030" OS) (Incl. 16)
	32622B		Piston & Pin Ass'y. (.040" OS) (Incl. 16)
	34511		Piston, Pin & Ring Set (Std.) (3-1/2" Bore)
	34512		Piston, Pin & Ring Set (310.) (3-1/2 Bole)
	34513		Piston, Pin & Ring Set (.010 OS)
	34524		Piston, Pin & Ring Set (.030" OS)
	34525		Piston, Pin & Ring Set (.030 OS)
	32241		Ring Set (Std.) (3-1/2" Bore)
	32242		Ring Set (.010" OS)
	32243		Ring Set (.020" OS)
	32625		Ring Set (.030" OS)
	32626		Ring Set (.040" OS)
	32336		Re-Ringing Set, Piston
	31919		Ring, Piston pin retaining
	33093A		Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)
	34383		Connecting Rod Assy.(.010" US)(Incl.1 8,19,20)
	34384		Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)
	32077		Bolt, Connecting rod
	26073		Washer, Connecting rod
	28264		Nut Assy., Lock
	32150		Camshaft (MCR)
	31939		Lifter, Valve
	31956A		* Gasket, Cylinder cover
	32580A		Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)
	29673		* Gasket, Oil fill
	33069		Dipstick (Incl. 25A)
	32426		Spacer, Governor rod
	650588		Screw, 1/4-20 x 2"
	31927		Oil Drain Plug
31	31968		Link, Governor
32	650451		Screw, 1/4-20 x 1"
33	31964		Clamp, Governor lever
	29193		Ring, Retaining
	31963		Lever, Governor adjusting
	650518		Lockwasher
	650544		Screw, 10-24 x 7/8"
	7975		Nut, 10-24
	31965		Plate, Governor spring
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## Part Number	Pof #	Part Number Qty	Description
41 31967 42 30590A 43 32425 43 31948 44 31948 45 29193 46 29193 46 29193 47 31930 48 31947 47 31930 59 3147 47 31930 59 3147 48 30246A 49 30246A 49 30246 51 65071 51 650694A 51 65071 51 650638A 51 65071 51 650638A 51 65074 51 650638A 51 65074 51 650638A			
42 90590A 43 32425 A0 32425 A0 31947 A1 31948 A2 5000, Governor A2 31930 A3 1947 A2 31930 A3 1947 A3 31930 A4 32246A A4 33031 A5 1650694A A5 1650714 A5 1650694A A			
43 32425 Rod Assy, Governor 45 29193 Ring, Retaining 46 31947 Gear Assy, Governor 47 31930 Shaft, Mechanical Governor 48 32246A "Gasket, Cylinder head 49 30034 Head, Cylinder 51 680094A Screw, 516-18 x 1-58" (Use as required) 51 680094A Screw, 516-18 x 2-38" (Use as required) 51 6800628A Screw, 516-18 x 2-38" (Use as required) 51 6800628A Screw, 516-18 x 2-38" (Use as required) 51 6800628A Screw, 516-18 x 2-14" (Use as required) 51 6800695A Screw, 516-18 x 2-14" (Use as required) 51 6800697A Screw, 516-18 x 2-14" (Use as required) 51 6800697A Screw, 516-18 x 2-14" (Use as required) 51 6800692 Screw, 516-18 x 2-14" (Use as required) 52 680693 Screw, 516-18 x 2-14" (Use as required) 53 38368 Resistor Spark Plug (RJ-BC) 53 34251 Resistor Spark Plug (RJ-BC) 54 33035 Cover, Cylinder head 55 28537 Washer, Plain 57 680691 Washer, Flat (Use as required) 58 8274 Washer, Look (Use as required) 59 680128 Screw, 10-24 x 1/2" 60 31976 Screw, 10-24 x 1/2" 60 31976 Extension, Blower housing 61 31978 Bracket, Fuel tank 63 410144B Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) 64 31979 Stape, Plain 65 680451 Screw, 14-20 x 1" 66 680456 Nur, Flange whiz-look, 14-20 67 680561 Screw, 14-20 x 1" 68 680456 Nur, Flange whiz-look, 14-20 x 1" 69 680451 Screw, 14-20 x 1" 69 680451 Screw, 14-20 x 1" 69 680451 Screw, 14-20 x 1" 60 680456 Nur, Flange whiz-look, 14-20 x 1" 60 680456 Nur, Flange whiz-look, 14-20 x 1" 61 680661 Screw, 14-20 x 58" (Use as required) 62 72 2974 Fuel Line (Braided) (82") (Use as required) 63 31928 Screw, 14-20 x 58" (Use as required) 64 31929 Screw, 16-18 x 8" (Use as required) 65 8345 Washer, Flat 66 800661 Screw, 14-20 x 6" 67 90065 Screw, 14-20 x 6" 68 8345 Washer, Flat 68 800661 Screw, 14-20 x 6" 69 8030 Screw, 16-18 x 10" 69 8030 Screw, 16-18 x 10" 60 8030 Screw, 16-18 x			• •
44 31948 Spool, Governor 45 29193 Ring, Retaining 46 31947 Gear Assy, Governor 47 31930 Shatt, Mechanical Governor 48 32246A * Gasket, Cylinder head 49 33034 Head, Cylinder 51 650694A Screw, 5716-18 x 1-516* (Use as required) 51 650694A Screw, 5716-18 x 1-516* (Use as required) 51 650694A Screw, 5716-18 x 1-516* (Use as required) 51 650694A Screw, 5716-18 x 2-216* (Use as required) 51 650694A Screw, 5716-18 x 2-216* (Use as required) 51 650694A Screw, 5716-18 x 2-216* (Use as required) 51 650694 Screw, 5716-18 x 1-36* (Use as required) 51 650697 Screw, 5716-18 x 1-36* (Use as required) 51 650692 Screw, 5716-18 x 1-36* (Use as required) 53 33636 Resistor Spark Plug (Ru-17LM) 53 33636 Resistor Spark Plug (Ru-17LM) 54 33035 Cover, 5716-18 x 1-36* (Use as required) 54 650691 Washer, Flat (Use as required) 58 650691 Washer, Flat (Use as required) 59 650128 Screw, 10-24 x 12° 50 31976 Screw, 10-24 x 12° 50 31976 Extension, Blower housing 61 31978 Bracket, Fuel tank 63 410144B Fuel Cap (White Plastic) (Spurt resistant, High profile) (Use as required) 64 31979 Strap, Fuel tank 64 31979 Strap, Fuel tank 65 650456 Nut, Flange whiz-lock, 1/4-20 67 650561 Screw, 14-20 x 1° 68 8345 Washer, Flat 69 8303 Corew, 16-42 x 1° 70 30962 Fuel Line (Braided) (32°) (Use as required) 70 29774 Fuel Line (Braided) (32°) (Use as required) 71 2966 Fuel Line (Braided) (32°) (Use as required) 72 29774 Fuel Line (Braided) (32°) (Use as required) 73 30962 Fuel Line (Braided) (32°) (Use as required) 74 60061 Screw, 14-20 x 56° (Use as required) 75 30962 Fuel Line (Braided) (32°) (Use as required) 76 4 60061 Screw, 14-20 x 56° (Use as required) 77 30705 Fuel Line (Braided) (32°) (Use as required) 78 31922 Bearing, Tapered roller 79 30962 Fuel Line (Braided) (32°) (Use as required) 79 460061 Screw, 14-20 x 56° (Use as required) 79 50962 Fuel Line (Braided) (32°) (Use as required) 79 50962 Fuel Line (Braided) (32°) (Use as required) 79 50962 Fuel Line (Braided) (32			•
45 29193			· · · · · · · · · · · · · · · · · · ·
46 31947 Gear Assy, Covernor 47 31930 Shaft, Mechanical Governor 48 32246A "Gasket, Cylinder head 49 33034 Head, Cylinder head 51 650694A Screw, 516-18 x 2" (Use as required) 51 650628A Screw, 516-18 x 3-38" (Use as required) 51 650628A Screw, 516-18 x 2-14" (Use as required) 51 650626A Screw, 516-18 x 2-14" (Use as required) 51 650695A Screw, 516-18 x 2-14" (Use as required) 51 6506974 Screw, 516-18 x 1-26" (Use as required) 51 650697A Screw, 516-18 x 1-26" (Use as required) 51 650692 Screw, 516-18 x 1-26" (Use as required) 52 650692 Screw, 516-18 x 1-36" (Use as required) 53 33656 Resistor Spark Plug (RJ-17LM) 53 33656 Resistor Spark Plug (RJ-17LM) 54 33035 Cover, 516-18 x 1-36" (Use as required) 55 28537 Washer, Flat (Use as required) 56 850691 Washer, Flat (Use as required) 58 8274 Washer, Flat (Use as required) 58 8274 Washer, Flat (Use as required) 59 650128 Screw, 10-24 x 1/2" 59 650129 Screw, 10-24 x 1/2" 60 31976 Extension, Blower housing 61 31978 Bracket, Fuel tank 63 4101448 Fuel Cap (White Plastic) (Spurt resistant, High profile) (Use as required) 64 31979 Strap, Fuel tank 65 650451 Screw, 14-20 x 158" (Use as required) 66 66 650456 Nut, Flange white-lock, 14-20 67 660517 Screw, 14-20 x 5/8" (Use as required) 68 3303 Screw, 516-18 x 7/8" (Use as required) 69 3303 Screw, 516-18 x 7/8" (Use as required) 60 3 3420 Fuel Cap (White Plastic) (Spurt resistant, High profile) (Use as required) 69 8303 Screw, 14-20 x 5/8" (Use as required) 60 66 650456 Nut, Flange white-lock, 14-20 61 67 650561 Screw, 14-20 x 5/8" (Use as required) 62 92833 Screw, 516-18 x 7/8" (Use as required) 63 8345 Washer, Flat 64 650561 Screw, 14-20 x 5/8" (Use as required) 65 92806 Fuel Line (Braided) (3-25") (Use as required) 67 229774 Fuel (Braided) (3-25") (Use as required) 68 8303 Screw, 516-18 x 7/8" (Use as required) 69 8303 Screw, 516-18 x 7/8" (Use as required) 69 83192 Screw, 516-18 x 7/8" (Use as required) 69 83192 Cup, Bearing 60 92803 Screw, 516-18 x 7/8" (Use as required) 60 93065 Fuel Line (Braided) (3-27") (Use as requir			•
## 31930  ## Shaft, Mechanical Governor  ## 32246A  ## 33034  ## 30304  ## 30304  ## 51 650694A  ## 51 650694A  ## 51 650694A  ## 51 650694A  ## 51 650695A  ## 51 650626A  ## 51 650714  ## 51 650626A  ## 51 650714  ## 51 650697A  ## 51 650697A  ## 51 650697  ## 51 650690  ## 61 650690  ## 61 650690  ## 61 650690  ## 61			
48 32246A			
Head, Cylinder   Screw, 516-18 x 2" (Use as required)			
51 650694A 51 650711 53 crew, 5/16-18 x 2" (Use as required) 51 650628A 53 crew, 5/16-18 x 2-3/8" (Use as required) 51 650628A 53 crew, 5/16-18 x 2-1/4" (Use as required) 51 650696A 51 650697A 53 crew, 5/16-18 x 2-1/2" (Use as required) 51 650697A 53 crew, 5/16-18 x 2-1/2" (Use as required) 51 6506992 53 crew, 5/16-18 x 5/8" (Use as required) 54 650603 53 34251 65 crew, 5/16-18 x 5/8" (Use as required) 53 34251 65 crew, 5/16-18 x 5/8" (Use as required) 65 25 25537 65 crew, 5/16-18 x 5/8" (Use as required) 66 650690 67 crew, 5/16-18 x 5/8" (Use as required) 68 650690 69 crew, 5/16-18 x 5/8" (Use as required) 69 650128 60 crew, 5/16-18 x 5/8" (Use as required) 60 3 1976 61 31978 62 crew, 5/16-18 x 5/8" (Use as required) 63 34210 64 31979 65 650451 65 34210 64 31979 65 650451 67 650561 67 650561 67 650561 67 650561 67 650561 67 650561 67 650561 67 30063 67 792028 67 650561 67 30063 67 792028 67 650561 77 250000 77 250000 78 250000 79 2500000 79 25000000000000000000000000000000000000			* Gasket, Cylinder head
51         650714         Screw, S716-18 x 1-5/8" (Use as requi red)           51         650628A         Screw, S716-18 x 2-3/8" (Use as requi red)           51         650695A         Screw, S716-18 x 2-1/4" (Use as requi red)           51         650714         Screw, S716-18 x 1-5/8" (Use as requi red)           51         650097A         Screw, S716-18 x 1-3/4" (Use as required)           51         650090         Screw, S716-18 x 5-3/4" (Use as required)           53         36366         Resistor Spark Plug (RJ-I7LM)           54         33035         Cover, Cylinder head           Vasher, Plain         Washer, Plain           58         82537         Washer, Plain           58         8274         Washer, Plain (Use as required)           58         8274         Washer, Lock (Use as required)           59         650128         Screw, 10-24 x 1/2"           60         31976         Extension, Blower housing           61         31978         Bracket, Fuel tank           63         34210         Fuel Cap (White Plastic) (Std.) (As req uired)           64         31979         Strap, Fuel tank           65         Scou45         Screw, 14-20 x 1"           66         560451         Screw, 14-20 x			Head, Cylinder
51 650628A	51	650694A	Screw, 5/16-18 x 2" (Use as required)
51 650695A   Screw, 5/16-18 x 2-1/4" (Use as required)	51	650711	Screw, 5/16-18 x 1-5/8" (Use as requi red)
51 650695A	51	650628A	Screw, 5/16-18 x 2-3/8" (Use as requi red)
51 650714	51	650695A	
51 650697A 51 650692 51 650692 51 650693 52 52 52 57 576-18 x 2-1/2" (Use as required) 53 33636 Fesistor Spark Plug (RJ-BC) 53 34251 Fesistor Spark Plug (RJ-BC) 54 33035 Cover, Cylinder head 55 28537 Fesistor Spark Plug (RJ-BC) 56 650691 Fesistor Spark Plug (RJ-BC) 58 8574 Fesistor Spark Plug (RJ-BC) 59 650128 Fesistor Spark Plug (RJ-BC) Fesistor Spark Plug (RJ-BC	51	650714	
51 650692 51 650603 52 Screw, 5/16-18 x 1-3/4" (Use as required) 53 33636 Resistor Spark Plug (R,1-BC) 53 34251 Resistor Spark Plug (R,1-BC) 54 33035 Cover, Cylinder head Washer, Flain 55 650691 Washer, Flain Washer, Flail (Use as required) 58 650690 Washer, Fleilwille (Use as required) 58 650128 Screw, 10-24 x 1/2" 60 31976 Extension, Blower housing Bracket, Fuel tank 63 410144B Fuel Cap (White Plastic)(Std.)(As req uired) 64 31979 Strap, Fuel tank 65 650451 Screw, 10-20 x 1" 66 650451 Screw, 10-20 x 1" 66 650456 Nut, Flange whiz-lock, 1/4-20 67 650561 Screw, 1/4-20 x 1" 67 650561 Screw, 1/4-20 x 1" 68 650456 Nut, Flange whiz-lock, 1/4-20 Screw, 1/4-20 x 1-2" (Use as required) Screw, 1/4-20 x 1-2" (Use as required) Screw, 1/4-20 x 1-2" (Use as required) 68 8345 Washer, Flat Corew, 1/4-20 x 1-2" (Use as required) 70 80063 Screw, 1/4-20 x 1-2" (Use as required) 71 20460 72 29774 Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (48") (Use as req			
51 650603 Screw, 5/16-18 x 5/8" (Use as require d) 53 33636 Resistor Spark Plug (R,J-8C) Feb 33035 Resistor Spark Plug (R,J-8C) Feb 430035 Cover, Cylinder head Washer, Plain Feb 650891 Washer, Plain Washer, Flat (Use as required) Washer, Belleville (Use as required) Washer, Belleville (Use as required) Washer, Belleville (Use as required) Se 8274 Washer, Lock (Use as required) Screw, 10-24 x 1/2" Se 650128 Screw, 10-24 x 1/2" Strey, 10-24 x 1/2" Washer, Elevel tank Fuel Cap (White Plastic) (Std.) (As req uired) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)  Stray, Fuel tank Screw, 1/4-20 x 1/2" (Use as require d) Screw, 1/4-20 x 2/7/32" (Use as require d) Screw, 1/4-20 x 5/8" (Use as require d) Fuel Line (Braided) (6.25") (Use as required) Fuel Line (Braided) (6.25") (Use as required) Fuel Line (Braided) (32") (Use as required) Fuel Line (Braided) (48") (Use as required) Fuel Line (Braided)			
53 33636 Resistor Spark Plug (RJ-8C) 53 34251 Resistor Spark Plug (RJ-17LM) 54 33035 Cover, Cylinder head 55 28537 Washer, Plain 56 650691 Washer, Flat (Use as required) 58 650690 Washer, Flat (Use as required) 58 650128 Screw, 10-24 x 1/2" 60 31976 Extension, Blower housing 61 31978 Bracket, Fuel tank 63 410144B Fuel Cap (White Plastic) (Spurt resistant, High profile) (Use as required) 64 31979 Strap, Fuel tank 65 650451 Screw, 10-4-20 x 1" 66 650456 Nut, Flange whiz-lock, 1/4-20 67 650517 Screw, 1/4-20 x 27/32" (Use as required) 67 30063 Screw, 1/4-20 x 27/32" (Use as required) 68 8345 Screw, 1/4-20 x 1/2" (Use as required) 69 8303 Screw, 1/4-20 x 1/2" (Use as required) 69 8303 Screw, 1/4-20 x 1/2" (Use as required) 60 8345 Washer, Flat 61 8345 Washer, Flat 62 8303 Fuel tank 63 8033 Screw, 1/4-20 x 1/2" (Use as required) 64 8345 Fuel tank 65 650461 Screw, 1/4-20 x 1/2" (Use as required) 67 92028 Screw, 1/4-20 x 1/2" (Use as required) 68 8345 Fuel tank 69 8303 Screw, 1/4-20 x 1/2" (Use as required) 69 8303 Fuel Line (Braided) (82.5") (Use as required) 69 8303 Fuel Line (Braided) (82.5") (Use as required) 60 Fuel Line (Braided) (82.5") (Use as required) 60 Fuel Line (Braided) (48") (Use as required) 61 Fuel Line (Braided) (48") (Use as required) 62 Fuel Line (Braided) (48") (Use as required) 63 Fuel Line (Braided) (48") (Use as required) 64 Fuel Line (Braided) (48") (Use as required) 65 Fuel Line (Braided) (48") (Use as required) 67 93056 Fuel Line (Braided) (48") (Use as required) 68 8192 Fuel Line (Braided) (48") (Use as required) 69 8031 Spacer, Steel (1010" 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			• • • • • • • • • • • • • • • • • • • •
53 34251 54 33035 55 28537 Washer, Plain Washer, Eleleville (Use as required) Washer, Belleville (Use as required) Washer, Eleville (Use as required) Washer, Lock (Use as required) Washer, Eleville (Use as required) Washer, Eleville (Use as required) Washer, Eleville (Use as required) Bracket, Fuel tank Fuel Cap (White Plastic) (Stud) (As req uired) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Washer, Flat Island Screw, 1/4-20 x 1" Wut, Flange whiz-lock, 1/4-20 Washer, Flat (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 5/16-18 x 7/8" (Use as required) Washer, Flat Washer, Flat Dockwasher Washer, Flat Lockwasher Washer, Flat Lockwasher Uckwasher Washer, Flat (Use as required) Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (3.2") (Use as req			
54 33035			
55         28537         Washer, Plain           57         650691         Washer, Flat (Use as required)           58         650690         Washer, Belleville (Use as required)           58         8274         Washer, Look (Use as required)           59         650128         Screw, 10-24 x 1/2"           60         31976         Extension, Blower housing           61         31978         Bracket, Fuel tank           63         4101448         Fuel Cap (White Plastic) (Std.) (As req uired)           63         34210         Fuel Cap (White Plastic) (Spurt resistant, High profile) (Use as required)           64         31979         Strap, Fuel tank           65         650451         Screw, 1/4-20 x 1/2           66         650456         Nut, Flange whiz-look, 1/4-20           67         650561         Screw, 1/4-20 x 7/32" (Use as required)           67         792028         Screw, 1/4-20 x 7/8" (Use as required)           67         792028         Screw, 1/4-20 x 1/2" (Use as required)           68         8345         Washer, Flat           69         8303         Lockwasher           70         29683         Strainer & Shut-off, Fuel           67         792028         Strainer & Shut			
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"           60         31976         Extension, Blower housing           61         31978         Bracket, Fuel tank           63         410144B         Fuel Cap (Red Plastic) (Std.)(As req uired)           63         34210         Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)           64         31979         Strap, Fuel tank           65         650451         Screw, 14-20 x 1"           66         650456         Nut, Flange whiz-lock, 1/4-20           67         650561         Screw, 1/4-20 x 27/32" (Use as require d)           67         650561         Screw, 1/4-20 x 1" (Use as require d)           67         792028         Screw, 1/4-20 x 1" (Use as require d)           68         8345         Washer, Flat           69         8303         Lockwasher           70B         29683         Strainer & Shut-off, Fuel           71         26460         Clamp, Fuel line (Use as required)           72         29774         F			
58 650600 Washer, Belleville (Use as required) 58 8274 Washer, Lock (Use as required) 59 650128 Cscrew, 10-24 x 1/2" Extension, Blower housing Bracket, Fuel tank 63 410144B Fuel Cap (White Plastic)(Std.)(As req uired) 63 34210 Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required d) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required d) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required d) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required d) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required d) Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (8.25") (Use as required) Fuel Line (Braided) (16") (Use as required) Fuel L			•
58 8274 59 650128 50 31976 60 31978 61 31978 62 Extension, Blower housing 63 3410144B 63 34210 64 31979 65 650451 66 650456 65 650451 66 650456 67 650561 67 30063 68 3345 69 3030 60			. ,
Screw, 10-24 x 1/2"			·
60 31976 61 31978 62 310144B 63 410144B 63 34210 64 51979 65 550451 65 650456 67 650517 68 50561 68 3345 69 3303 60 3033 60 30			
61 31978 63 410144B 63 410144B 63 34210 Fuel Cap (White Plastic) (Std.) (As req uired) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)  64 31979 Strap, Fuel tank Screw, 1/4-20 x 1" 66 650451 Screw, 1/4-20 x 27/32" (Use as require d) Screw, 1/4-20 x 27/32" (Use as require d) Screw, 1/4-20 x 5/8" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-61 8 x 7/8" (Use as required) Fuel Line (Braided) (16") (Use as required) Fuel Line (Braided) (16") (Use as required) Fuel Line (Braided) (32") (Use as required) Fuel Line (Braided) (32") (Use as required) Fuel Line (Braided) (32") (Use as required) Fuel Line (Braided) (48") (Use as required) Fuel Line (Braided) (48") (Use as required) Fuel Line (Braided) (32") (Use as required			
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67 650517			•
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69 8303  70B 29683  Strainer & Shut-off, Fuel  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) (32") (Use as required)  Fuel Line (Braided) (48") (Use as required)  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			
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72 30965 73 32579 8affle, Blower housing 74 650561 78 31932 80 32031 80 32031 Fuel Line (Braided) (48") (Use as req uired) 8affle, Blower housing 8crew, 1/4-20 x 5/8" 8earing, Tapered roller 8cup, Bearing 8cup, Bearing 8cup, Steel (.010" thick) NOTE: Determine the gap 8cup between the cover and the machined surface on the cylinder 8cup which can be from .001"up to .007" in which case no shim 8cup gaskets will be required. Use of gasket must be limited to a 8cup combined total of .010" thick. Steel spacersmust be used			
73 32579 74 650561 78 31932 79 31928 80 32031  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			, , , , , , , , , , , , , , , , , , , ,
74 650561  78 31932  Bearing, Tapered roller  79 31928  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			
78 31932			
79 31928			·
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			•
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gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used			
combined total of .010" thick. Steel spacersmust be used			
·			
as required			combined total of .010" thick. Steel spacersmust be used
			as required

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D-4#	Dort Ni wak an	Description
-	Part Number Qty 31971	Description  * Cocket Shim ( 004/ 005 thick) NOTE: Determine the gap
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
82A	32599	"O" Ring
	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
83	32577	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)
	650615	Washer, Flat
	650616	Nut, Flywheel, 3/4-16
87	33044A	Blower Hsg. (Incl.73) (For electric s tarter)
91	8274	Washer, Lock
92	650595	Screw, 5/16-24 x 3/8"
95	8274	Washer, Lock
96	650624	Screw, 5/16-24 x 9/16"
98	31958	* Gasket, Breather
	31957	Breather Assy.
100	35350	Tube, Breather
101	650128	Screw, 10-24 x 1/2"
	28558	Washer, Wave
	31966	Bushing, Control lever
	31984A	Lever, Control
	650597	Screw, 10-24 x 5/8"
	650591	Screw, 10-24 x 2"
	33099	Spring
	32042_	Nipple, Exhaust pipe
	32043B	Muffler
	33038	Plug, Button (Use as required)
	29752	Nut & Lockwasher Assy.
	650587	Stud, Carburetor
	27272	* Gasket, Air cleaner
	650399	Screw, 10-32 x 5/8"
	30767	Spacer, Air cleaner
	32376	Bracket, Air cleaner
	32378	Bracket, Air cleaner
	32009	Cover, Air cleaner
	650513	Nut, Wing
	650713	Screw, 5/16-18 x 5/8" (Use as require d)
	650429	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)
145	31960	* Gasket, Carburetor

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## For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 $\,$ Page 5 of 9 Engine Parts List #1

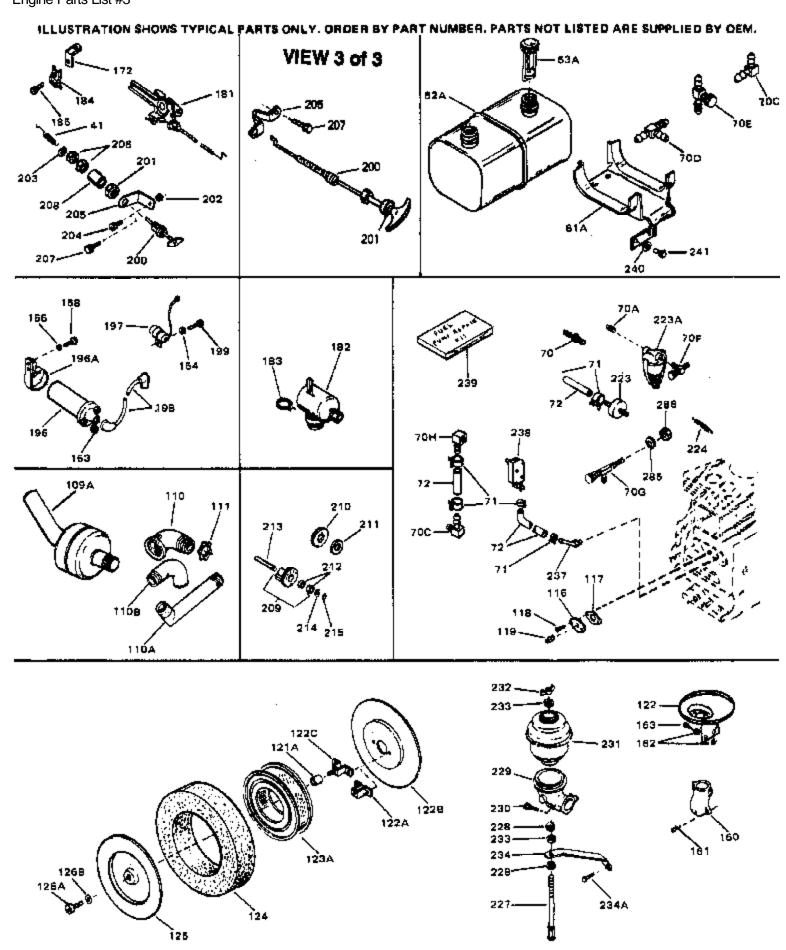
Ref #	Part Number Qty	Description
147	31959	Baffle, Air
151	33356	Terminal, Ground
156	730201	Trigger Pin Kit (Use as required)
173	610118	Cover, Spark plug (Use as required)
176	32426	Spacer, Screen
177	8345	Washer, 1/4 plain (Use as required)
178	27070	Washer, Lock 1/4 E.T. (Use as require d)
178	650675	Washer, Flat 1/4 (Use as required)
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"
	650713	Screw, 5/16-18 x 5/8"
	26073	Washer, Flat
	32953	Screen, Starter pulley
	31980	Pulley, Starter
	650670	Screw, 1/4-20 x 3/4"
	32046	Rope Assy., Starter (Use as required)
	650661	Screw, 1/4-20 x 3/4"
	610408	Nut, Hex
	610750	Grommet, Lead wire
	610748	Solid State Magneto (Incl.151,173,265 ,266)
	610746	Solid State Flywheel
	34346	Decal, Instruction
	550223	Decal, Name
	32676	Decal, Solid State
	31752	Decal, Air cleaner
	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 *)



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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)
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)
	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)
243	32252	Shaft, Flywheel extension
244	27513	Lockwasher
	792051	Screw, 1/4-20 x 1-3/4"
252	730134	Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use as required)
253	33018	Harness Assy., Adapter (Use as requir ed)
254	610761	Alternator Coil (Solid State) (10 Amp) (Incl. Nos. 253, 256 & 257A)
255	650416	Screw, 10-32 x 1"
256	610922	Terminal, Female
257B	610824	Flat Connector (Female terminals) (As req.)
257A	610819	Connector, Pyramid (For female termin als)
266	610750	Grommet, Lead wire
	610749	Solid State Regulator (10 Amp)
	730198	Starter Switch Kit(Incl. 287-298) (As req.)
303	33835	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.



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Ref #	Part Number Q	y Description
	31967	Spring, Governor
62A	31977	Fuel Tank (Incl. 63)
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"