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



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Ref # Part Number Qt	y Description
. 333	Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
2 27652	Pin, Dowel
4 31950	Seal, Oil
5 31940	Intake Valve (Std.)
5 31941	Intake Valve (1/32" OS) (Incl. 9)
6 31942	Exhaust Valve (Std.)
6 31943	Exhaust Valve (1/32" OS) (Incl. 9)
7 650592	Key, Flywheel
8 31944	Spring, Valve
9A 31945	Cap, Lower valve spring (Std.)
9A 31946	Cap, Lower valve spring (1/32" OS)
9 31946	Cap, Lower valve spring (1/32" OS)
9 31945	Cap, Lower valve spring (Std.)
10 20810	Pin, Valve spring retainer
11 33390B	
	Crankshaft (Incl. 12, 13, 78 & 79)
12 29783	Pin, Crankshaft gear
13 31931	Gear, Crankshaft
14 34511	Piston, Pin & Ring Set (Std.) (3-1/2" Bore)
14 34512	Piston, Pin & Ring Set (.010" OS)
14 34513	Piston, Pin & Ring Set (.020" OS)
14 34524	Piston, Pin & Ring Set (.030" OS)
14 34525	Piston, Pin & Ring Set (.040" OS)
14A 32238B	Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")
14A 32239B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A 32240B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14A 32621B	Piston & Pin Ass'y. (.030" OS) (Incl. 16)
14A 32622B	Piston & Pin Ass'y. (.040" OS) (Incl. 16)
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 47 330034	Ring, Piston pin retaining
17 33093A	Connecting Rod Ass'y.(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
20 28264	Nut Assy., Lock
21 32150	Camshaft (MCR)
22 31939	Lifter, Valve
23 32685	Cylinder Cover (Incl.4,25,26A,28,30,3 4 & 43)
23A 31956A	* Gasket, Cylinder cover
25A 29673	* Gasket, Oil fill
26 33069	Dipstick (Incl. 25A)
28 32426	Spacer, Governor rod
29 650588	Screw, 1/4-20 x 2"
30A 31927	Oil Drain Plug
30 31927	Oil Drain Plug
31 31968	Link, Governor
32 650451	Screw, 1/4-20 x 1"
33 31964	·
	Clamp, Governor lever
34 29193 35 34063	Ring, Retaining
35 31963 30 555540	Lever, Governor adjusting
36 650518	Lockwasher
37 650544	Screw, 10-24 x 7/8"
38 7975	Nut, 10-24 <sub>,</sub>

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Dof #	Dout Ni washari	Description
	Part Number Qty	
	31965	Plate, Governor spring
	30312	Screw, 10-32 x 1/2"
	31967	Spring, Governor
	30590A	Washer, Flat
	32425	Rod Assy., Governor
	31948	Spool, Governor
	29193	Ring, Retaining
	31947	Gear Assy., Governor
47	31930	Shaft, Mechanical Governor
48	32246A	* Gasket, Cylinder head
49	33034	Head, Cylinder
51	650694A	Screw, 5/16-18 x 2" (Use as required)
51	650711	Screw, 5/16-18 x 1-5/8" (Use as requi red)
	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 requi red)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as requi red)
	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
	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
	31978	Bracket, Fuel tank
	410144B	Fuel Cap (White Plastic)(Std.)(As req uired)
63	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
64	31979	Strap, Fuel tank
	650451	Screw, 1/4-20 x 1"
	650456	Nut, Flange whiz-lock, 1/4-20
	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 required)
	26460	Clamp, Fuel line (Use as required)
	30962	Fuel Line (Braided) (32") (Use as required)
	30965	
		Fuel Line (Braided) (48") (Use as required)
	29774 30705	Fuel Line (Braided) (8.25") (Use as required)
		Fuel Line (Braided) (16") (Use as req uired)
	31975	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	33356	Terminal
	28545	Grommet, Plastic
	650760	Screw, 8-32 x 3/8"
	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 .
		•

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Def #	Dord Ni wash on Ota	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	32677	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	650668	Screw, 10-32 x 1"
	650679	Lockwasher, 5/16" (Use as required)
	650666	Washer, Lock
	650594	Nut, Flywheel, 3/4-16
	33037	Blower Housing
	8274	Washer, Lock
	650595	Screw, 5/16-24 x 3/8"
	32039	Switch, Stop
	650890	Washer, Shakeproof
	26073	Washer, Flat
	650624	Screw, 5/16-24 x 9/16"
	31958	* Gasket, Breather
	31957	Breather Assy.
	35350	Tube, Breather
101	650128	Screw, 10-24 x 1/2"
	28558	Washer, Wave
103	31966	Bushing, Control lever
104	31984A	Lever, Control
105	650597	Screw, 10-24 x 5/8"
106	650591	Screw, 10-24 x 2"
107	33099	Spring
108	32042	Nipple, Exhaust pipe
	32043B	Muffler
112	33038	Plug, Button (Use as required)
115	27272	* Gasket, Air cleaner
120	650399	Screw, 10-32 x 5/8"
121	30767	Spacer, Air cleaner
125A	32810	Cover, Air cleaner
	650513	Nut, Wing
128	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)
	26073	Washer, Flat (Use as required)
141A	8274	Lockwasher, Split (Use as required)
145	33263	* Gasket, Carburetor
146	650451	Screw, 1/4-20 x 1"
147	34061	Baffle, Air

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

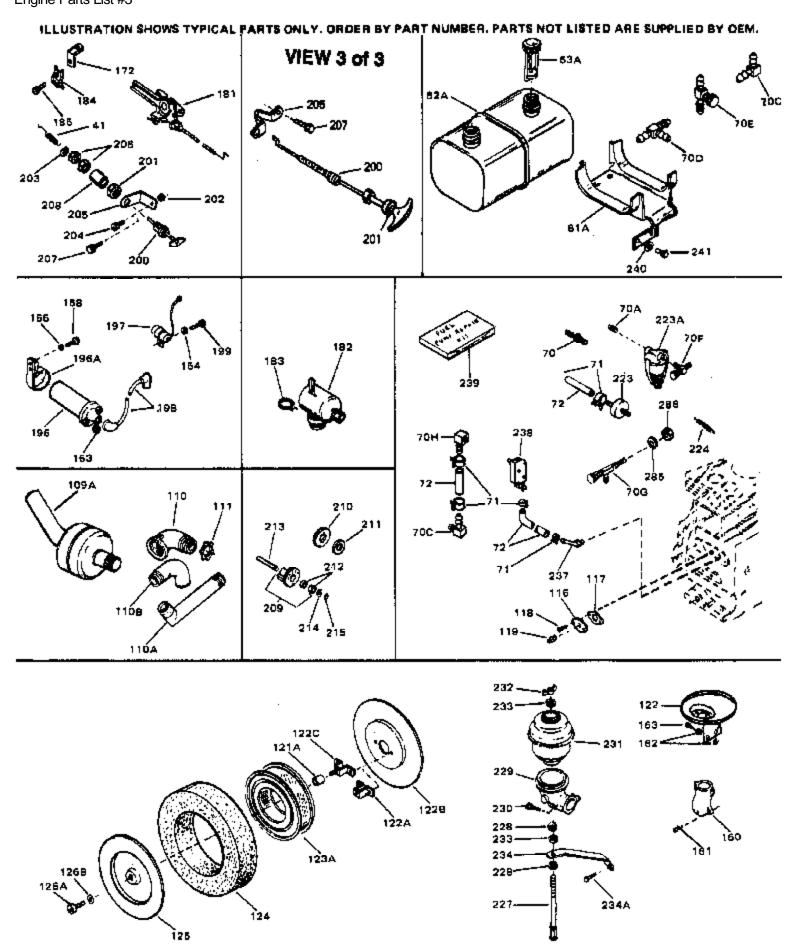
Ref #	Part Number Qty	Description
156	730201	Trigger Pin Kit (Use as required)
173	610118	Cover, Spark plug (Use as required)
176	31992	Spacer, Screen
177	8345	Washer, 1/4 plain (Use as required)
178	27070	Washer, Lock 1/4 E.T. (Use as require d)
178	650675	Washer, Flat 1/4 (Use as required)
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"
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)
266	610750	Grommet, Lead wire
278	610758	Flywheel
	34346	Decal, Instruction
299B	550223	Decal, Name
	31752	Decal, Air cleaner
	631021	Inlet Needle, Seat & Clip Assy.
301	631877	
		134 for breakdown)
304	33237A	* Gasket Set (Incl. items marked *)
301	631877	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 134 for breakdown)



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# For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 $_{\rm Page\ 7\ of\ 9}$ Engine Parts List #2

Ref #	Part Number Q	ty 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)
	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)
257B	610824	Flat Connector (Female terminals) (As req.)
260A	610759	Solid State Magneto
261	650489	Screw, 1/4-20 x 5/8"
261A	650669	Screw, 5/16-18 x 1-1/4"
	610760	Solid State Transformer Ass'y.(Incl.1 73,266)
	650561	Screw, 1/4-20 x 5/8"
	610750	Grommet, Lead wire
	730198	Starter Switch Kit(Incl. 287-298) (As req.)
277	30831	Ground Wire (Incl. 75)



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# For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 $_{\rm Page~9~of~9}$ Engine Parts List #3

Ref #	Part Number Q	ty Description
41	31967	Spring, Governor
62A	31977	Fuel Tank (Incl. 63)
71	26460	Clamp, Fuel line (Use as required)
72	30962	Fuel Line (Braided) (32") (Use as req uired)
72	30965	Fuel Line (Braided) (48") (Use as req uired)
72	29774	Fuel Line (Braided) (8.25") (Use as r equired)
72	30705	Fuel Line (Braided) (16") (Use as req uired)
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122C	32907B	Bracket, Air cleaner
122B	34065	Bracket, Air cleaner
123A	32008	Element, Air cleaner
	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"