For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155184E Page 1 of 11 Engine Parts List #1



1 34348B Cylinder (Ind. 12.20.7.27A) (3-1/8" B ore) 15 30699C Rod Assy., Governor (Ind. 15A & 15B) 15A 30700 Yoke, Governor (Ind. 15A & 15B) 15B 650494 Screw, 6-40 x 5/16" 16 33454 Covernor Lever Assy. 17 2916 Carrey, 6-22 x 5/16" 19 3374 Spring, Governor ever 20 36200 Seal, OI 23 36204 Spring, Governor evension 23 36204 Safet, Ind. 108 & 109) 23 36268 Washer, Thrust 23 36262 Distom, Pin & Str. 23 10.24 x 34" Governor Evension 33 29216 Nut & Lodwasher, 10-32 Yekys" 34 28452 Piston, Pin & Sting Set (Still, (3-1/8") 40 34552 Piston, Pin A Sting Set (Still, (3-1/8") 41 34330A Piston & Pin Assy, (10/07 CS) 41 343330A Piston & Pin Assy, (10/07 CS) 41 343330A Piston & Pin Assy, (10/07 CS) 4	Ref #	Part Number Qt	y Description
15 30000 Yoke, Governor (Incl. 15A & 15B) 158 650494 Screw, 6-40 x 5/16' 158 650494 Governor Lever Assy. 17 29916 Clamp, Governor extension 20 33374 Spring, Governor extension 20 32530 Seal, Oil 21 33374 Spring, Governor extension 22 33374 Spring, Governor extension 23 326561 Screw, 1/4-20 x 58'' 23 S2556A Baffe, Blower housing 23 32628 Screw, 1/4-20 x 58'' 23 S2262 Screw, 1/4-20 x 58'' 23 S2261 Nut & Lockwasher, fi D-232 x 34'' 23 S2216 Nut & Lockwasher, fi D-322 x 34'' 24 S2216 Nut & Lockwasher, fi D-322 x 14'' 24 S2216 Nut & Lockwasher, fi D-322 x 14'' 24 S330A Piston, Pin & Ring Set (101'' OS) 24 S4554 Piston, Pin & Ring Set (101'' OS) 24 S4332 Piston & Pin Assy, (102'' OS)(Incl. 43) 24 S4334 Piston & Pin Assy, (100'' OS)(Incl. 43) 24 S4334 Piston & Pin Assy, (100'' OS)(Incl. 43) 24 S4334 Piston & Pin Assy, (100'' OS)(Incl. 43) <	1	34348B	Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
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12034030AHead, Cylinder12527878AExhaust Valve (Std.) (Incl. 151)			
125 27878A Exhaust Valve (Std.) (Incl. 151)			
	125		

D.(//	Dest Masslere	<u></u>	Description
		Qty	Description
	27880A		Exhaust Valve (1/32" OS) (Incl. 151)
	34035		Intake Valve (Std.) (Incl. 151)
	34036		Intake Valve (1/32" OS) (Incl. 151)
127A	26073		Washer, Flat (Use as required)
127A	650570		Washer, Flat (Use as required)
127	650691		Washer (Use as req., but not w/6021A screw)
128	650690		Washer, Belleville
	650727		Screw, 5/16-18 x 1-3/4" (Use as required)
	650694A		Screw, 5/16-18 x 2" (Use as required)
	6021A		Screw, $5/16-18 \times 1-1/2$ " (Use as required, but do notuse with
100/1	0021/1		650691 washer)
131	650802		Screw, 1/4-20 x 5/8" (Use as required)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8" (Use as required)
	650713		Screw, 5/16-18 x 5/8" (Use as require d)
	792028		Screw, 5/16-18 x 7/8" (Use as require d)
	33636		Resistor Spark Plug (RJ17LM)
	33369		Bracket, Governor gear
	650836		Screw, 10-24 x 1/2"
	27882		Cap, Upper valve spring
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	27896A		* Gasket, Breather cover
	28423		Body, Breather
171	28424		Element, Breather
172	28425		Cover, Valve spring
173	35350		Tube, Breather
174	650128		Screw, 10-24 x 1/2"
	650597		Screw, 10-24 x 5/8"
	29752		Nut & Lockwasher, 1/4-28
	30593		Clip, Primer line (Use as required)
	30088A		Screw, 1/4-28 x 1"
	33263		* Gasket, Carburetor
	33877		•
	33388A		Pipe, Intake
			Control Bracket (Incl. 19, 19A, 203 & 204)
	31342		Spring, Compression
	650549		Screw, 5-40 x 7/16"
	610973		Terminal Assy. (Use as required)
	650378		Screw, Torx T-30, 5/16-18 x 1-1/8 "
224	27915A		* Gasket, Intake pipe
260	33375D		Blower Housing (For electric starter)
	650788		Screw, 5/16-18 x 3/4" (Use as require d)
262	29747B		Screw, 5/16-24 x 21/32"
	33272B		Cover, Cylinder head
	35824		Muffler (Optional quiet muffler)
	33280A		Muffler
	31588		Plate, Muffler locking
	650729		Screw, 5/16-18 x 3-3/16"
	650696		
	33013		Screw, 5/16-18x2-3/4" (Used with 276A)
			Cover, Starter bubble
	650760		Screw, 8-32 x 3/8"
	33662		Hub & Screen Assy., Starter
	29752		Nut & Lockwasher, 1/4-28
	29774		Fuel Line (Braided 8-1/4")(21 cm)(As req.)
	30705		Fuel Line (Braided 16")(41 cm)(Use as req.)
290	30962		Fuel Line (Braided 32")(81 cm)(Use as req.)

For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155184E Page 4 of 11 Engine Parts List #1

		Description
	26460	Clamp, Fuel line (Use as required)
298	650665	Screw, 1/4-15 x 7/8"
300	34156A	Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
		builtwith different size fuel inlet openings. Tanks with the
		1-3/16" I.D. opening use fuel cap 34210. Tanks with the
		1-1/2" I.D. opening use fuel cap 35355.
004	4404.440	
	410144B	Fuel Cap (White Plastic)(Std)(1-1/2" I.D.)
301	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16"
		I.D.)
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
		(1-3/16" I.D)
204		
	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
	29673	* Gasket, Oil fill
	31297	Dipstick (Incl. 306)
	29443	Clip, Fuel line (Use as required)
	34246	Clip, Ground wire (Use as required)
	34154	Plate, Fuel tank mounting
	34155	Bracket, Fuel tank mounting
	650561	Screw, 1/4-20 x 5/8"
	34346	Decal, Instruction
370J	34870	Decal, Instruction Can be used on HM80 with diecast starter.
379	631021	Inlet Needle, Seat & Clip Assy.
380	631979	Carburetor (Incl. 184) (Refer to Division 5, Section A, page
		150 for breakdown or Fiche18A-1, Grid E-7)
300	590479	Rewind Starter (Refer to Division 5, Section C, page 30 for
390	330473	breakdown or Fiche 18A-1, Grid G-5)
	33279G	Gasket Set (Incl. items marked*)
408	35570	Screen Seal (Can be used on HM80 with stamped steel
		recoil starter)
409	35569	Spacer (Can be used on HM80 with stamped steel recoil
		starter)
410	720572	
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
		used on HM80 with stamped steel recoil starter)
411	35568	Debris Screen (Can be used on HM80 with stamped steel
		recoil starter)
/10	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with
413		stamped steel recoil starter)
		, ,
420	730225	SAE 30, 4-Cycle Engine Oil (Quart)
421	730226	SAE 5W30, 4-Cycle Engine Oil (Quart)
425	730572	Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on
		HM80 with die cast starter)
100	650868	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to
429		Mechanics Handbook for installation instructions).
430	611077	Alternator, Add on (Use as required) (Refer to Mechanics
		Handbook for installation instructions).
101	590609	Centering tube (Use with engines equipped with die cast
431	550003	
		aluminum starter)(Use as required) (Refer to Mechanics
		Handbook for installation instructions)
431	590610	Centering tube (Use as required) (Refer to Mechanics
		Handbook for installation instructions).

Ref #	Part Number	Qty	Description
432	611078		A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611079		D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590611		Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590636		Alternator Shaft (Use with engines equipped with stamped steel starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).

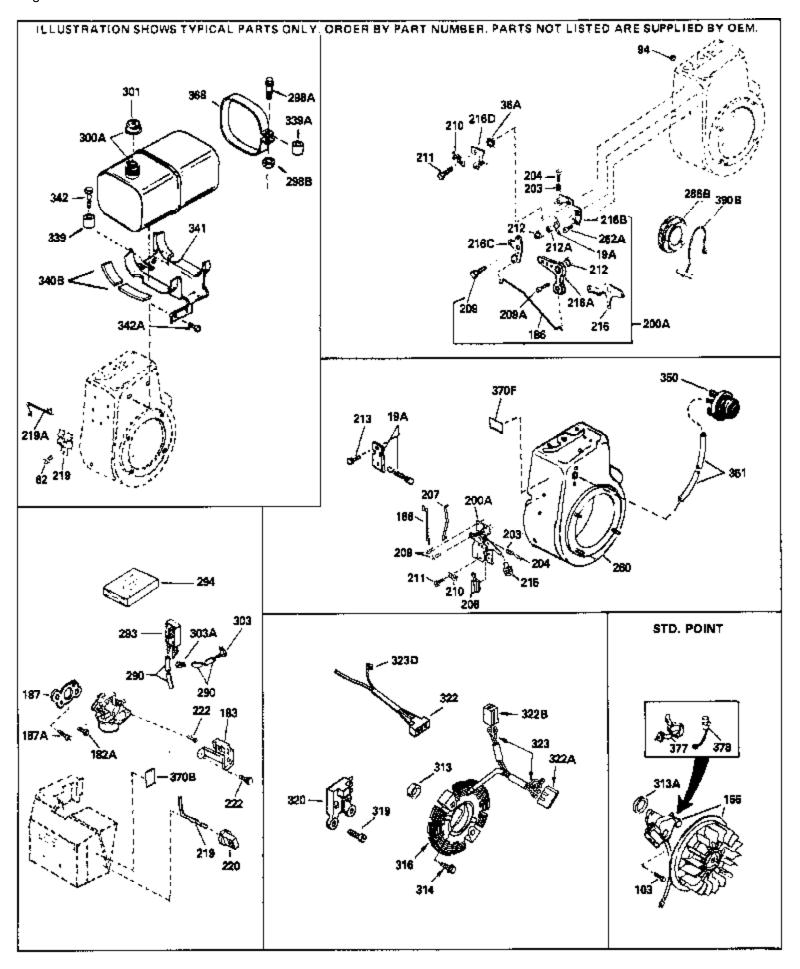
For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155184E Page 6 of 11 Engine Parts List #2

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY P	ART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.
22 32 99 94 94 99 94 94 95 95 94 95 95 95 95 95 95 95 95 95 95 95 95 95	
2758 415 277 278 277 416	395 395 340A 341A 341A 341A
284 418A 284 277 284A 277 284A 277 284A 277 365 277 367	319 62 341A 63 66 320 330A 330
245A 222A 242A	227 243 241 248 240
228A 227A 229A 370B 229A 229A 370B 2200 229A 370B 2200 2200000000000000000000000000000	- 250A 370B 245A
239 236A 236A 238A 238A 234A- 0	251 241 242 245 250 B

Ref #	Part Number	Qty	Description
23	33627		Bearing, Ball
32	33628		Washer, Thrust
74	31855		Retainer, Bearing
97			Lockwasher, Heavy split, #10 (Buy loc ally)
	650802		Screw, $1/4-20 \times 5/8"$ (Use as required)
	650737		Screw, $1/4-20 \times 1/2$ " (Use as required)
	650738		
	650890		Screw, 1/4-20 x 5/8" (Use as required)
			Washer, Lock, 5/16"
	30747		Clip, Spark plug shorting
	650128		Screw, 10-24 x 1/2"
	650597		Screw, 10-24 x 5/8"
	650778		Lockwasher
	650580		Nut, Lock, 10-24
227	730127		Air Cleaner Ass'y. (Incl.238,239,240,241,243,245 & 370)
			(Use as required)
227	730164		Air Cleaner Ass'y. (Incl. 238, 239, 240, 241, 243 & 245) (Use
			as required)
225V	650824		Stud, 1/4-20 x 7.33 (Use as required)
	650851		Stud, 1/4-20 x 8.1 (Use as required) (Used with drilled thru
2207	000001		elbow)
220	07070 0		,
	27272A		* Gasket, Air cleaner
	27272A		* Gasket, Air cleaner
	33266		Bracket, Air cleaner
	33267		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
	34700		Element, Air cleaner
245	33268		Element, Air cleaner
250B	33269A		Cover, Air cleaner
251	650513		Nut, Wing, 1/2-20
274	35865		Gasket, Exhaust (Use as required)
275C	35824		Muffler (Optional quiet muffler)
	391026		Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler
			can be used on any model.)
277∆	650696		Screw, 5/16-18x2-3/4" (Used with 276A)
	650729		Screw, 5/16-18 x 3-3/16"
	26460		Clamp, Fuel line (Use as required)
	650665		Screw, 1/4-15 x 7/8"
	34870		Decal, Instruction Can be used on HM80 with diecast starter.
370B	34387		Decal, Instruction Can be used on HM80 with stamped steel
			recoil starter.
395	33329D		Starter Motor Kit (110-120 Volt) This 110-120 volt starter
			motor kit may have been added to this engine. It can be
			added only if cylinder hasdrilled and tapped starter mounting
			bosses and a ring gear flywheel. Refer to service number
			stamped on end cap of motor, or on decal for identification.
			Ref
408	35570		Screen Seal (Can be used on HM80 with stamped steel
			recoil starter)
409	35569		Spacer (Can be used on HM80 with stamped steel recoil
			starter)
410	730573		Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
			used on HM80 with stamped steel recoil starter)

Ref #Part NumberQtyDescription41135568Debris Screen (Can be used on HM80 with stamped steel recoil starter)413650907Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with stamped steel recoil starter)415730130Exh.Adapter tKi (Incl. 274.277) (Use as req.) Starter Muff Kit (Incl. 370.J, 426 & 4 27)429650868Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to Mechanics Handbook for installation instructions).430611077Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).431590609Centering tube (Use with engines equipped with die cast alumium starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).432611078A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).432611079D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).433590611Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).433590636Alternator Shaft (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).	Dof #	Dort Number	05	Departmetion
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steel starter)(Use as required) (Refer to Mechanics	433	590611		aluminum starter)(Use as required) (Refer to Mechanics
	433	590636		steel starter)(Use as required) (Refer to Mechanics

For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155184E Page 9 of 11 Engine Parts List #3



	Part Number Q 650489	ty Description Screw, 1/4-20 x 5/8"
	610842	Magneto (Incl. 377 & 378) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 28 for breakdown or Fiche 18A-1, Grid G-1)
203 204 206 207 260 275C 277A 286B 290 290 290 290 301	33371 31342 650549 610973 33878 33375D 35824 650696 33662 29774 30705 30962 410144B 33032	Link, Governor Spring, Compression Screw, 5-40 x 7/16" Terminal Assy. (Use as required) Link, Governor-to-throttle Blower Housing (For electric starter) Muffler (Optional quiet muffler) Screw, 5/16-18x2-3/4" (Used with 276A) Hub & Screen Assy., Starter Fuel Line (Braided 8-1/4")(21 cm)(As req.) Fuel Line (Braided 16")(41 cm)(Use as req.) Fuel Line (Braided 32")(81 cm)(Use as req.) Fuel Cap (White Plastic)(Std)(1-1/2" I.D.) Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16" I.D.)
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (1-3/16" I.D)
313A 339 341 342 370J	35355 33876 35038 34155 650561 34870 34387	Fuel Cap (Red plastic) (1-1/2" I.D.) Gasket, Stator Spacer, Tank Bracket, Fuel tank mounting Screw, 1/4-20 x 5/8" Decal, Instruction Can be used on HM80 with diecast starter. Decal, Instruction Can be used on HM80 with stamped steel recoil starter.
378	30547A 30548B 35570	Contact Assy., Breaker Condenser Screen Seal (Can be used on HM80 with stamped steel recoil starter)
409	35569	Spacer (Can be used on HM80 with stamped steel recoil starter)
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be used on HM80 with stamped steel recoil starter)
411	35568	Debris Screen (Can be used on HM80 with stamped steel recoil starter)
413	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with stamped steel recoil starter)
425	730572	Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on HM80 with die cast starter)
429	650868	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to Mechanics Handbook for installation instructions).
430	611077	Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).

Ref #	Part Number	Qty	Description
431	590609		Centering tube (Use with engines equipped with die cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions)
431	590610		Centering tube (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611078		A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611079		D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590611		Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590636		Alternator Shaft (Use with engines equipped with stamped steel starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).