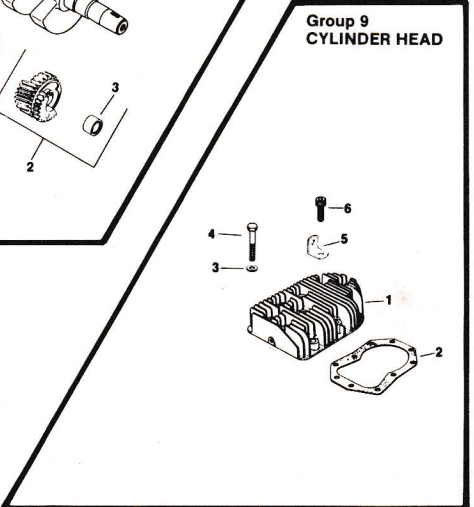
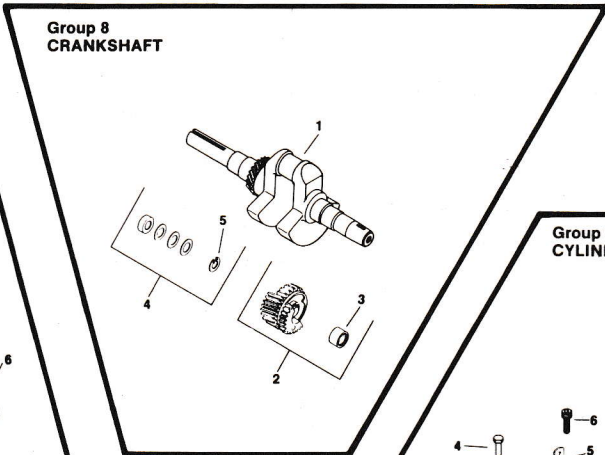
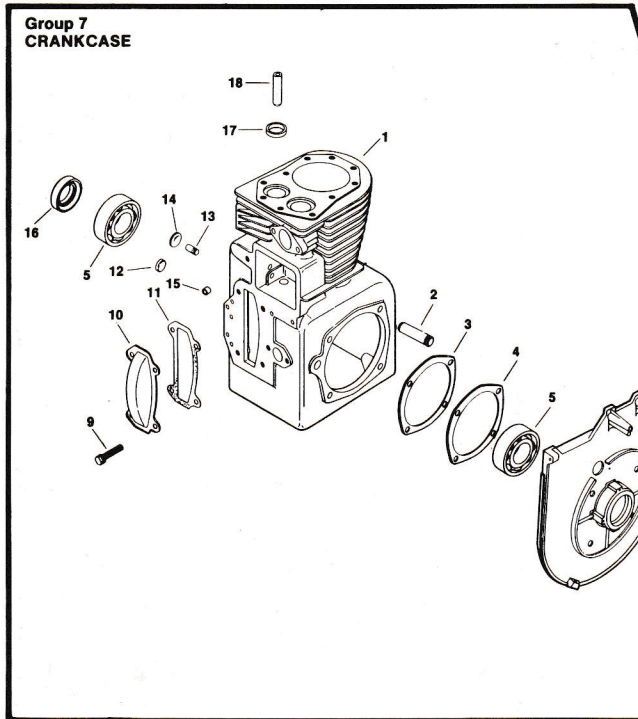
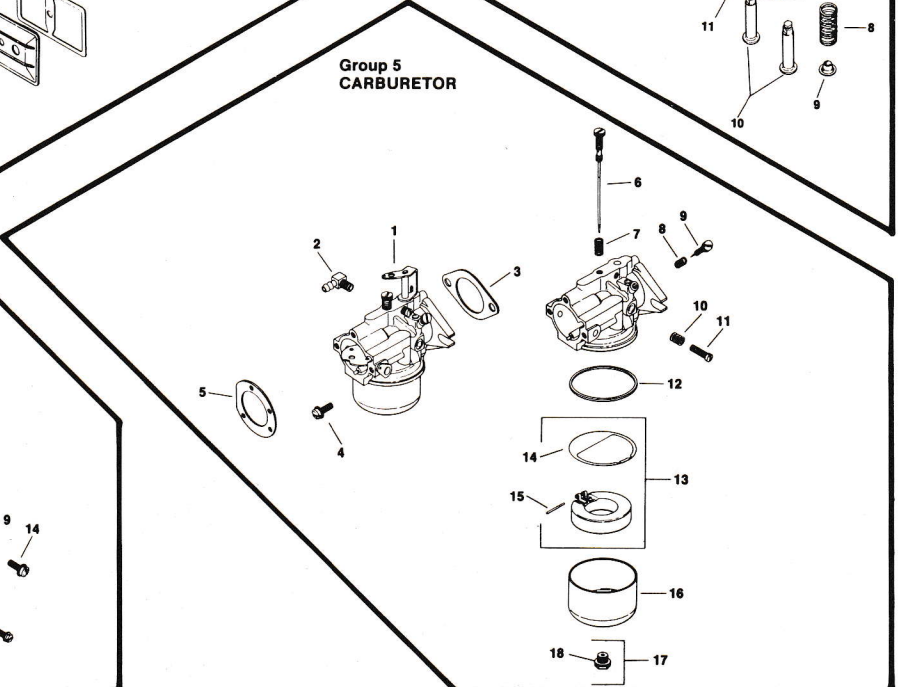
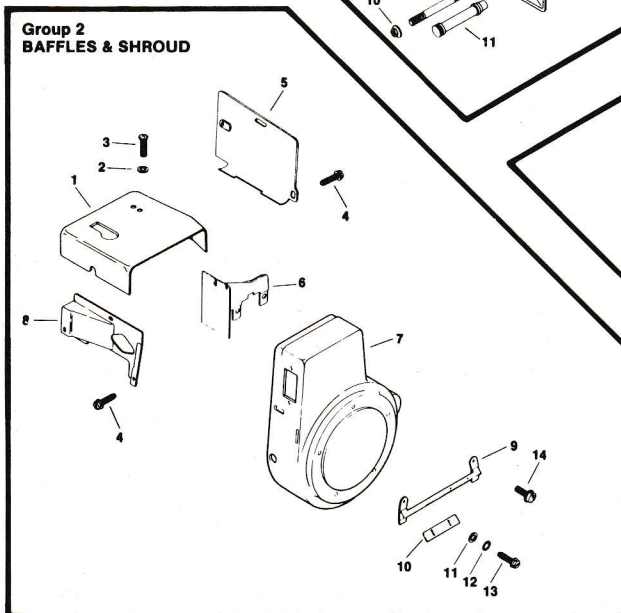
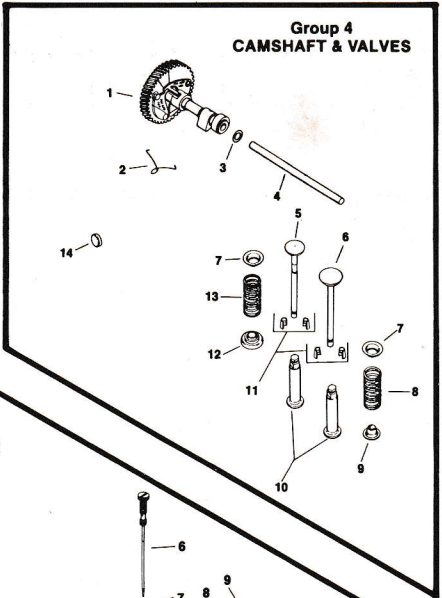
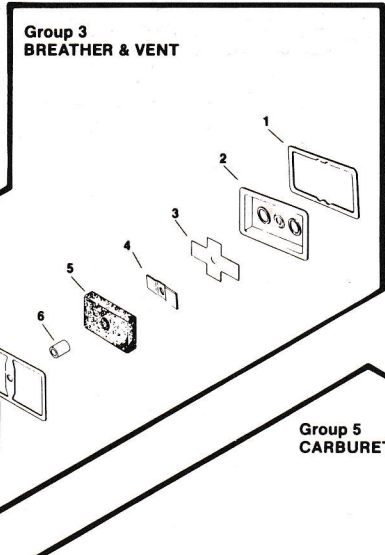
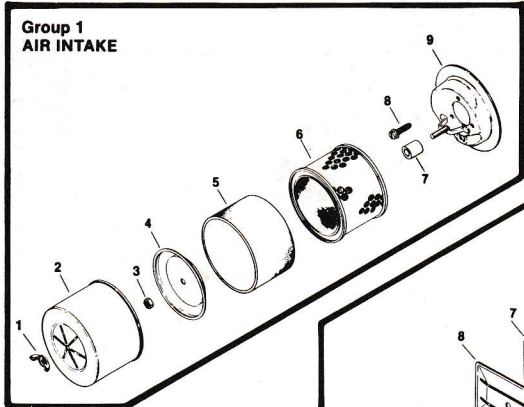
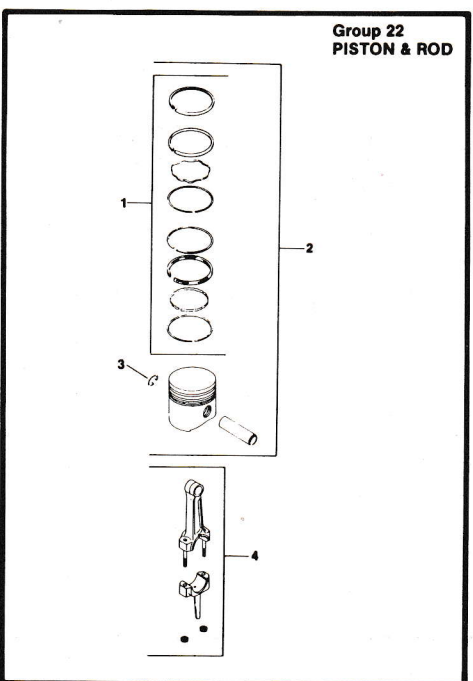
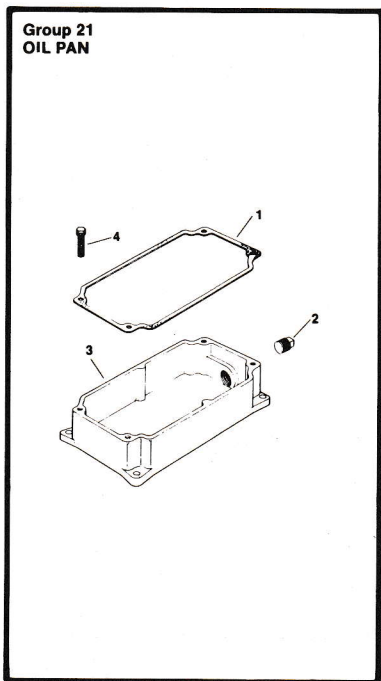
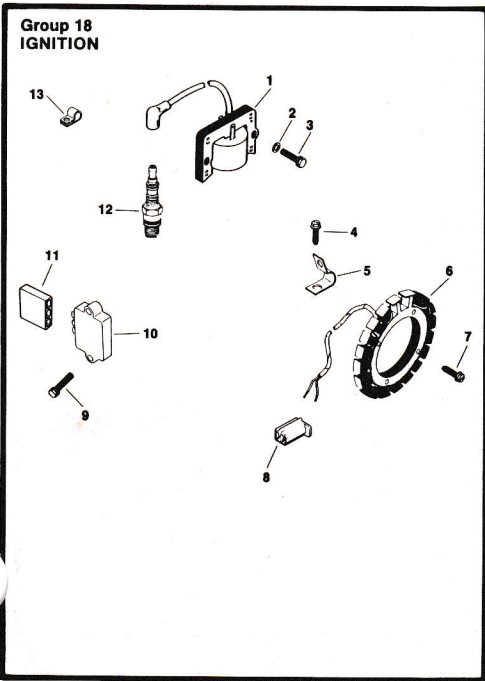
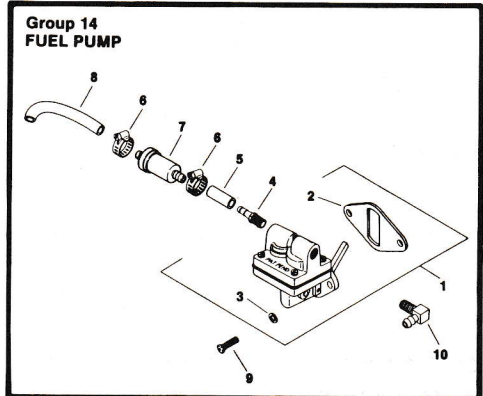
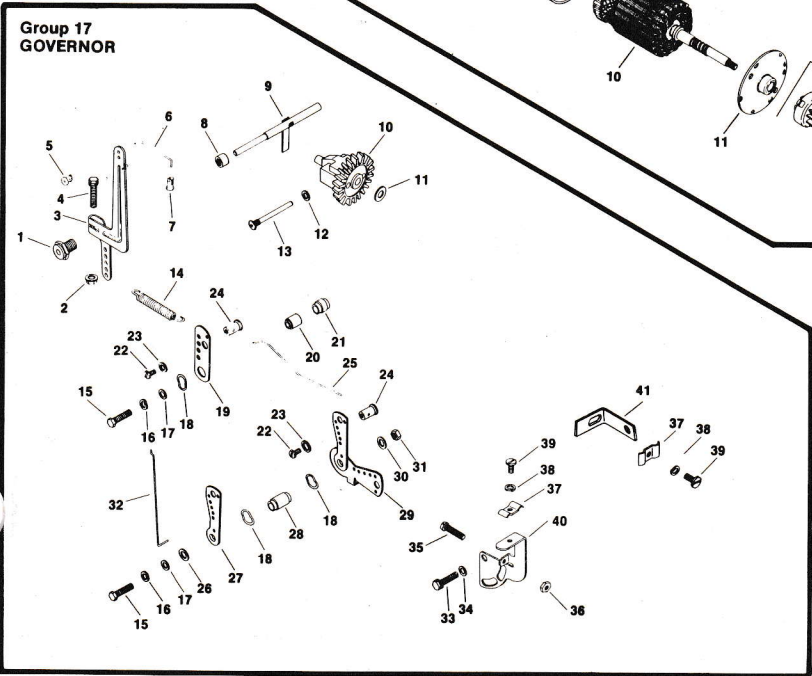
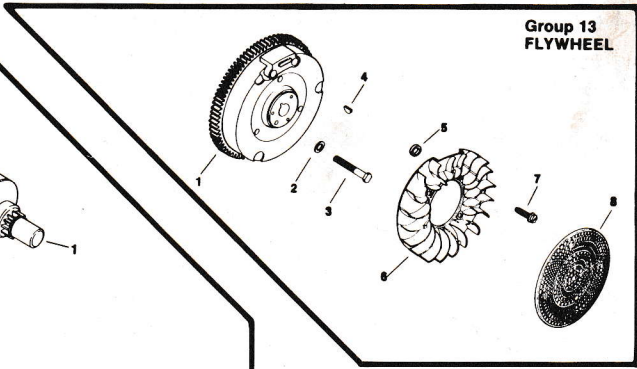
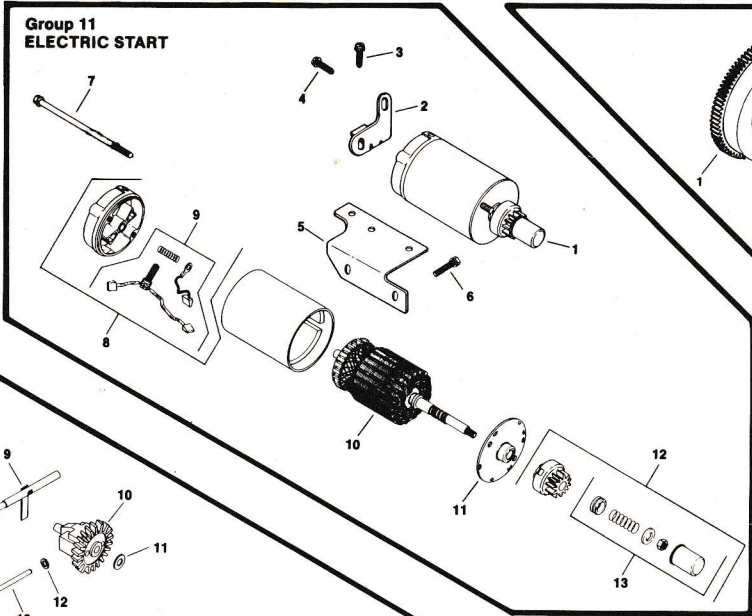
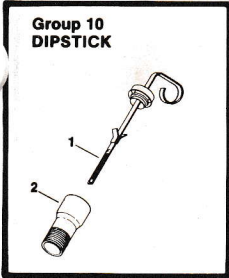




**KOHLER ENGINE PARTS LIST
MODEL M 12 S
12 H.P. ELECTRIC START
SPEC 471529**





<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
<u>AIR INTAKE - GROUP 1</u>			
1	X-276-7	10413	Wing nut 1/4-20
2	45 082 01	34767	Cover, air cleaner
3	41 100 04	120375	Nut, Jam 1/4-20
4	52 082 04	35336	Cover, air cleaner element
5	45 083 01	34768	Precleaner, element
6	45 083 02	34766	Element
7	231032	10772	Seal
8	X-67-65	35343	Screw, hex. wash. hd. 10-32x11/32 (3)
9	47 094 20	42377	Base, air cleaner
	25 113 07	44013	Decal, air cleaner

BAFFLES AND SHROUD - GROUP 2

1	45 063 08	42378	Baffle, head
2	X-25-53	40746	Washer, plain 1/4
3	47 086 08	32587	Screw, pozidriv T.H. 1/4-20x5/8
4	52 086 11	40796	Screw, hex. wash. hd. 1/4-20x5/8 (6)
5	47 063 10	42379	Baffle, cylinder
6	47 063 07	42380	Baffle, inner
7	47 027 44	42381	Housing, blower
8	47 063 11	42382	Baffle, side air
9	47 265 01	42383	Deflector, grass
10	47 040 02	42384	Blade, adjusting (2)
11	25 468 02	446179	Washer, plain 1/4 (4)
12	X-22-7	42385	Washer, lock #8 (4)
13	X-67-59	10956	Screw, hex. wash. hd. 8-32x1/4 (4)
14	41 086 06	44016	Screw, flange lock 10-24x1/4 (2)
	52 113 11	42313	Decal, stop engine warning

BREATHER AND VENT - GROUP 3

1	235048	10770	Gasket, breather plate
2	235631	10767	Plate, breather
3	235047	10771	Reed, breather
4	270146	42386	Baffle, breather
5	47 050 01	42387	Filter, breather
6	231032	10772	Seal, breather
7	275144	10773	Gasket, valve cover
8	47 096 01	42388	Cover, breather
9	275220	10774	Stud 1/4-20x3-1/4
10	X-799-1	24881	Palnut 1/4-20
11	47 326 03	42389	Hose, breather

CAMSHAFT AND VALVES - GROUP 4

1	47 010 11	42390	Camshaft assembly
2	47 089 01	10947	Spring, actuating
3	275066	10786	Spacer .005 (A.R.)
	275067	10787	Spacer .010 (A.R.)
4	47 380 09	42391	Pin, camshaft
5	235838	10777	Valve, exhaust
6	235008	10776	Valve, intake
7	235011	10780	Retainer, upper spring (2)
8	235010	10778	Spring, intake valve

<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
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CAMSHAFT AND VALVES - GROUP 4 (CONTINUED)

9	230011	10781	Retainer, spring
10	D-235327	42392	Tappet (2)
11	41 755 10	10785	Kit, retainer (2)
12	52 413 01	42320	Rotator
13	235168	10779	Spring, exhaust valve
14	X-702-3	44017	Plug, cup 1/2" O.D.

CARBURETOR - GROUP 5

1	47 053 62	44018	Carburetor assembly (Includes 5-18)
2	25 155 02	14745	Connector, 90 degree hose (for 1/4" I.D. rubber hose)
3	47 049 01	42394	Gasket, carburetor
4	X-770-1	180079	Screw, sltd. hd. 5/16-18x1 (2)
5	47 041 05	42395	Gasket, air cleaner
6	235415	10937	Needle, main fuel adj.
7	200383	10927	Spring, main fuel
8	200380	14769	Spring, idle fuel
9	235006	14771	Needle, idle fuel adj.
10	232555	20249	Spring, idle speed
11	232556	32486	Screw, idle speed adj.
12	200375	10925	Gasket, bowl
13	25 757 03	35320	Kit, float
14	25 041 02	10929	Gasket, bowl baffle
15	200376	10926	Pin, float hinge
16	235448	14772	Bowl, fuel
17	47 100 06	24869	Screw, bowl retainer
18	200372	10924	Gasket, bowl retainer screw
	25 757 01	10792	Kit, carburetor repair
	25 757 05	40760	Kit, throttle & choke repair

CRANKCASE - GROUP 7

1			Block, cylinder assembly (Use: Miniblock) (Includes 15, 17 & 18)
2	236559	14794	Shaft, balance gear stub (2)
3	47 422 05	42398	Gasket, shim (A.R.)
4	47 041 09	42399	Gasket, bearing plate
5	235376	10794	Bearing, ball (2)
6	47 146 07	42400	Plate, bearing
7	47 032 06	10800	Seal, front oil
8	X-159-2	180122	Screw, H.C. sems 3/8-16x1 (4)
9	X-132-6	180016	Screw, H.C. sems 1/4-20x1/2 (4)
10	235026	10797	Cover, camshaft
11	235025	10798	Gasket, camshaft cover
12	X-702-14	44036	Plug, cup
13	235125-S	11648	Shaft, governor gear
14	X-230-11	10948	Plug, expansion
15	234866	11647	Bearing, governor cross shaft
16	47 032 07	10799	Seal, rear oil (2)
17	230170	12150	Insert, exhaust
18	235007-S	11646	Guide, valve (2)

<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
<u>CRANKSHAFT - GROUP 8</u>			
1	47 142 25	12033	Kit, crankshaft
2	45 043 03	42401	Gear assembly (2)
3	47 030 01	34750	Bearing, needle (2)
4	47 755 01	20964	Kit, spacer
5	X-269-34	14796	Retainer (2)
<u>CYLINDER HEAD - GROUP 9</u>			
1	47 015 06	42439	Head, cylinder
2	47 041 10	10803	Gasket, head
3	270889	10805	Washer, plain 3/8 (9)
4	270158	180126	Screw, H.C. 3/8-16x1-1/2 (8)
5	47 445 02	42402	Strap, lifting
6	47 086 17	42403	Screw, hex. socket hd. 3/8-16x1
<u>DIPSTICK - GROUP 10</u>			
1	237013	34751	Dipstick, 4-3/8" blade
2	47 123 08	34752	Tube, oil fill 2-19/32"
<u>ELECTRIC START - GROUP 11</u>			
1	41 098 04	42404	Starter assembly (includes 7-13)
2	45 126 17	42405	Brace, tail
3	X-67-83	32612	Screw, hex. wash. hd. 1/4-20x3/8
4	X-67-62	42406	Screw, hex. wash. hd. 1/4-20x3/4
5	47 126 29	42407	Bracket, solenoid
6	X-159-2	180122	Screw, H.C. sems 3/8-16x1 (2)
7	41 086 19	42408	Bolt, thru 1/4-20x5-1/16 (2)
8	41 227 04	42409	Cap, commutator end assembly
9	52 755 15	38036	Kit, brush
10	45 170 02	42410	Armature
11	41 227 03	42411	Cap, drive end
12	47 755 07	18753	Kit, drive
13	47 755 13	24936	Kit, drive parts
	25 450 03	42692	Tag, caution
<u>FLYWHEEL - GROUP 13</u>			
1	47 025 53	42412	Flywheel
2	52 114 02	32552	Washer, plain 13/32 I.D., 1-3/8 O.D.
3	25 086 24	34179	Screw, hex. mach. 3/8-24x1-1/8
4	X-46-3	124552	Key, woodruff 3/16x1
5	25 112 04	42340	Spacer 17/64 I.D., 3/8 O.D., 15/64 lg.
6	25 157 01	42339	Fan
7	25 086 21	42341	Screw, hex. wash. hd. 1/4-20x5/8 (4)
8	25 162 01	42342	Screen, grass

<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
<u>FUEL PUMP - GROUP 14</u>			
1	47 559 02	24889	Pump, fuel assembly (Includes 2 & 3)
2	25 041 05	44020	Gasket, fuel pump
3	X-25-63	32685	Washer, plain 1/4 (2)
4	X-380-2	22145	Connector, straight inlet hose
5	25 353 02	40740	Line, fuel 3"
6	X-426-9	22146	Clamp, hose (2)
7	25 050 01	40742	Filter, fuel
8	25 353 04	24888	Line, fuel 6-1/4"
9	X-174-2	40741	Screw, F.H.M. 1/4-20x3/4 (2)
10	25 155 02	14745	Connector, 90 degree hose outlet

GOVERNOR - GROUP 17

1	235476	10826	Bushing, governor
2	X-799-1	24881	Palnut 1/4-20
3	47 090 20	42417	Lever, governor
4	X-776-1	24880	Screw, H.C. sems 1/4-20x1-1/4
5	47 158 04	42418	Bushing, white linkage retaining
6	47 079 05	42419	Linkage, governor (Governor to Carburetor)
7	25 158 07	44021	Bushing, yellow linkage retaining
8	X-400-80	19595	Spacer
9	A-235256-S	10829	Kit, governor cross shaft
10	A-235743-S	10823	Kit, governor gear
11	237022	19550	Washer, thrust
12	25 468 01	44022	Washer, plain 1/4
13	231355	10833	Pin, governor stop
14	235496	10824	Spring, governor
15	X-5-26	180034	Screw, H.C. 1/4-20x1-1/2 (2)
16	X-20-1	120380	Washer, lock 1/4 (2)
17	X-25-63	32685	Washer, plain 1/4 (2)
18	275690	10822	Washer, wave (3)
19	235086	10830	Bracket, speed control
20	235085	10831	Spacer 23/64" O.D., 9/16" long
21	X-384-2	42420	Spacer 17/64" I.D., 13/32" O.D., 1/2" long
22	X-51-8	34227	Screw, sltd. pan hd. 8-32x1/4 (2)
23	X-25-102	32591	Washer, plain 1/4 (2)
24	48 755 10	10834	Kit, clamp (2) (Includes 22 & 23)
25	47 079 08	42421	Linkage, throttle
26	X-25-82	44023	Washer, plain 3/8
27	47 090 05	44024	Lever, throttle & choke control
28	47 112 19	44025	Spacer 23/64" O.D., 31/64" long
29	47 090 09	44026	Lever, throttle control
30	X-25-95	44027	Washer, plain 1/4
31	X-81-1	44028	Nut, hex. 1/4-20
32	47 079 01	34778	Linkage, choke
33	X-132-1	43987	Screw, H.C. sems 1/4-20x3/8
34	X-25-63	32685	Washer, plain 1/4
35	232556	32486	Screw

<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
<u>GOVERNOR - GROUP 17 (CONTINUED)</u>			
36	X-72-4	44029	Nut, hex. 8-32
37	235778	32488	Clamp, cable (2)
38	X-19-1	120217	Washer, lock #10 (2)
39	X-15-5	44030	Screw, F.H.M. 10-24x1/2 (2)
40	47 126 13	44031	Bracket, control
41	47 126 36	44032	Bracket, choke
<u>IGNITION - GROUP 18</u>			
1	47 584 02	44033	Module, ignition w/diode
2	X-25-79	10921	Washer, plain #10 (2)
3	X-156-1	42425	Screw, H.C. sems 10-24x7/8 (2)
4	X-67-59	10956	Screw, hex. wash. hd. 8-32x3/8
5	X-728-1	19565	Clip, lead
6	237878	18626	Kit, stator
7	X-67-51	32609	Screw, hex. wash. hd. 10-24x3/4 (4)
8	41 155 03	42352	Connector, male
9	X-132-4	180022	Screw, H.C. sems 1/4-20x1 (2)
10	41 403 05	32492	Rectifier-regulator
11	236602	32489	Connector, female
12	235041-S	44034	Spark plug RH-10
13	210281	42426	Clip, hi-tension lead
<u>NOT ILLUSTRATED</u>			
	47 518 44	42428	Lead, white, w/diode, module to connector (15" - 18 gauge - insulated push on tab - uninsulated push on tab terminals)
	47 518 43	42354	Lead, white, w/diode (Service replacement lead for leads w/diodes) (5" - 18 gauge - insulated push on tab - insulink terminals)
	47 518 36	42427	Lead, violet, rectifier - regulator to connector (23" - 14 gauge - uninsulated push-on tab terminals)
<u>OIL PAN - GROUP 21</u>			
1	235057	12148	Gasket, oil pan
2	X-75-6	44035	Plug, sq. hd. solid 3/4 N.P.T.F.
3	235115	12147	Pan, oil
4	X-159-3	180124	Screw, H.C. sems 3/8-16x1-1/4 (4)

<u>ITEM NO.</u>	<u>KOHLER PART NO.</u>	<u>GRAVELY PART NO.</u>	<u>DESCRIPTION</u>
<u>PISTON AND ROD - GROUP 22</u>			
1	235889	12363	Ring set (Std. & .003)
	235890	12364	Ring set (.010)
	235891	12365	Ring set (.020)
	235892	12366	Ring set (.030)
2	47 874 06	40995	Piston w/Ring Set (Std.)
	47 874 07	40996	Piston w/Ring Set (.003)
	47 874 08	40997	Piston w/Ring Set (.010)
	47 874 09	40998	Piston w/Ring Set (.020)
	47 874 10	40999	Piston w/Ring Set (.030)
3	47 018 01	10856	Retainer, piston pin (2)
4	47 067 09	40813	Connecting rod (Std.)
	47 067 10	40814	Connecting rod (.010)
	47 782 49	43951	Miniblock
	47 755 27	42442	Gasket Set w/seals
	47 004 02	42443	Gasket Set w/o seals