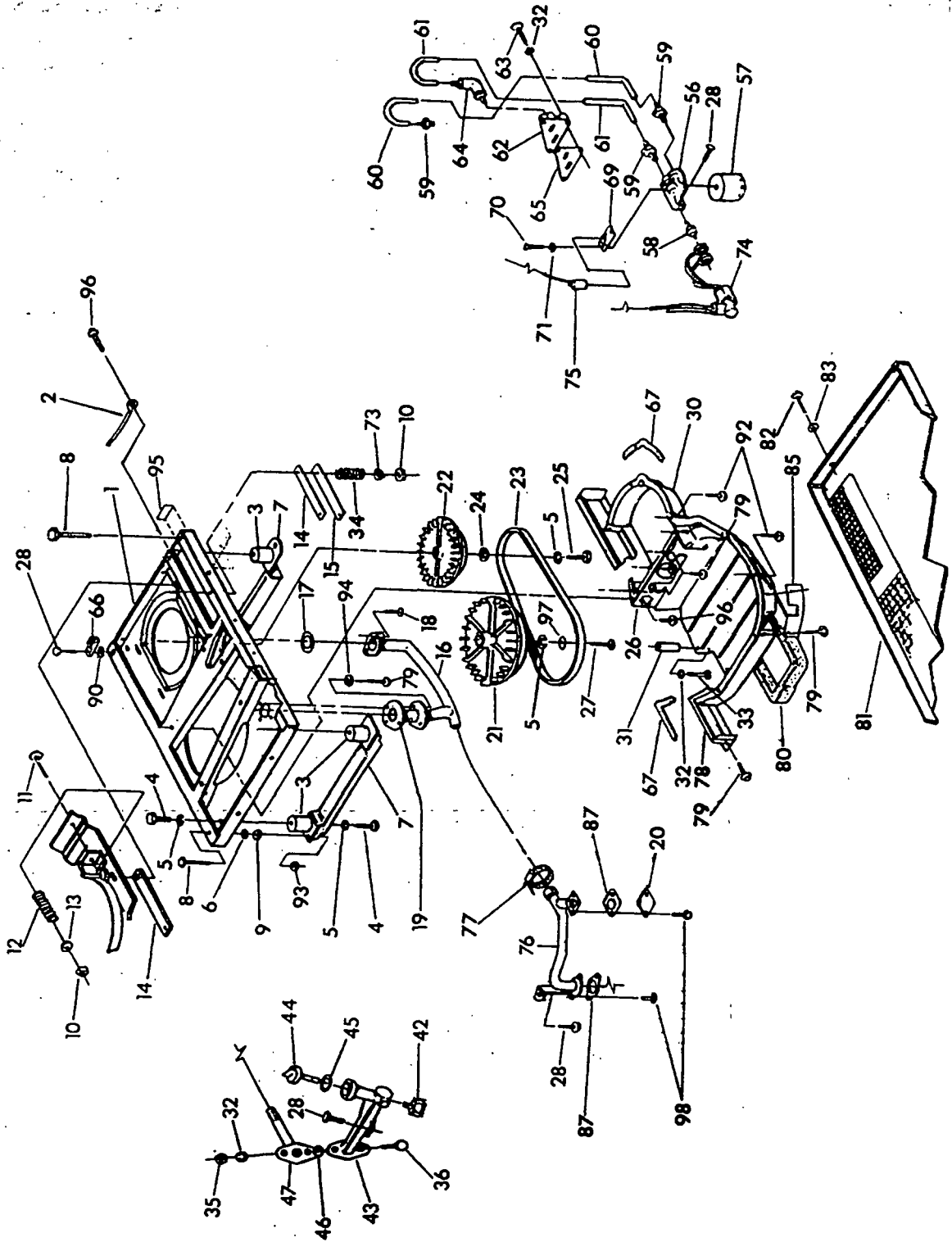


**EXPLODED VIEW — BASE AND PULLEYS**

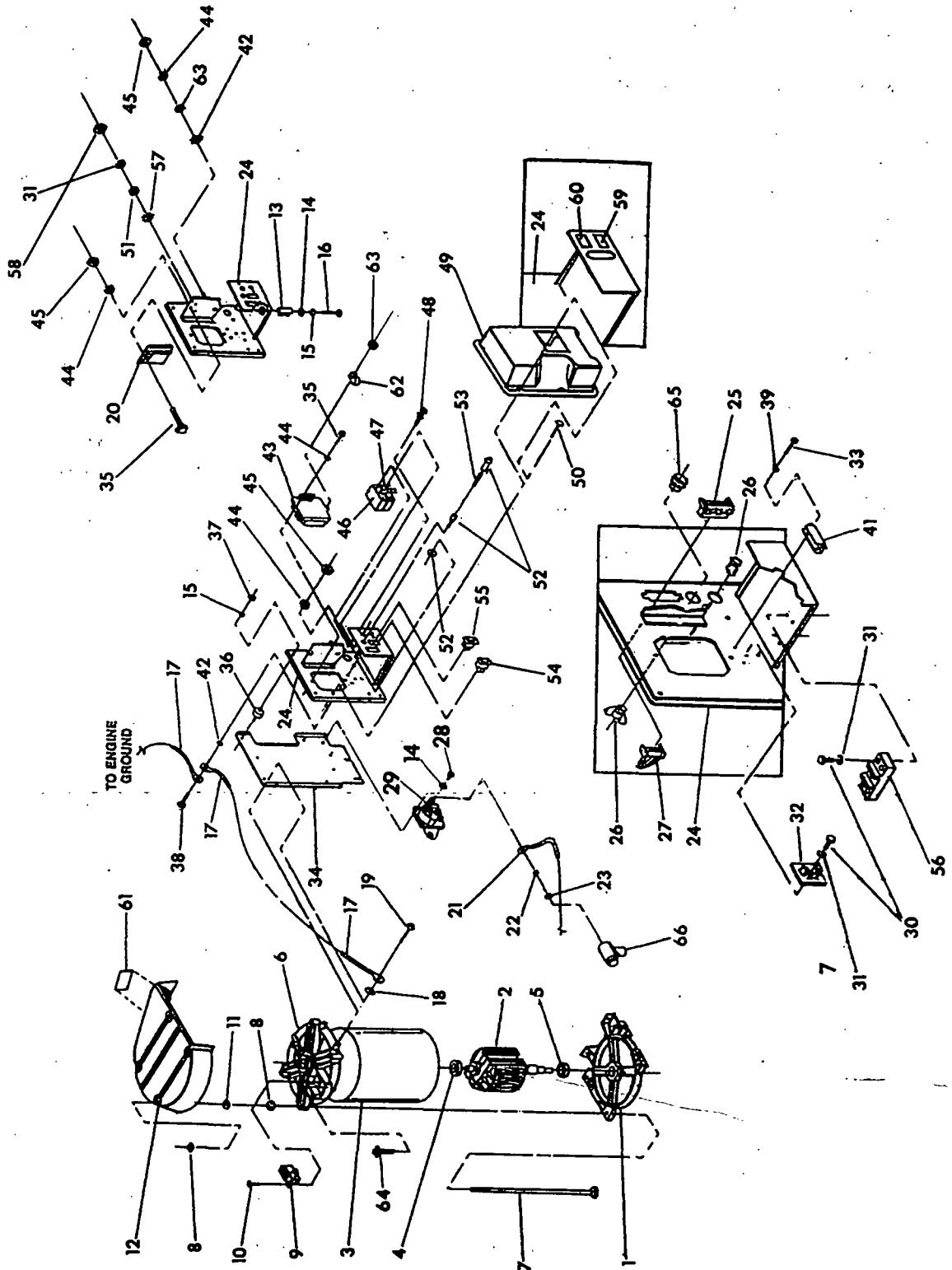


Recreational Vehicle Generator

## REPAIR PARTS — BASE AND PULLEYS

ITEM	PART NO	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	86318	1	Mounting Base	47	75711	1	O-ring Adaptor
2	90141	1	Ground Cable	56	73179	1	Oil Filter Support
3	46911	4	Rubber Mount	57	70185	1	Oil Filter
4	25017	8	3/8"-16 x 1/2" Capscrew	58	60108	1	Oil Pressure Switch
5	46526	10	M10 Lock Washer	59	74948	3	5/16" Fitting
6	22129	2	M8 Lock Washer	60	74950	1	Outer Oil Tube
7	72391	2	Rubber Mount Skid	61	74951	1	Inner Oil Tube
8	77603	2	5/16"-18 x 3-1/2" Bolt	62	73134	1	Oil Pad Adaptor
9	22259	2	5/16-18 Hex Nut	63	38750	3	M6-1.00 x 30mm Capscrew
10	52858	6	M8-1.25 Flanged Lock Nut	64	74949	1	5/16" 90-degree Fitting
11	51730	2	M8-1.25 x 60mm Capscrew	65	68548	1	Oil Pad Gasket
12	29459	2	Belt Tension Spring	66	62684	1	Grounding Lug
13	75215	2	Spring Center Washer	67	29289	1	1/16" x 8" Foam Tape
14	73146	4	Nylon Slide	69	75281	1	High Temperature Switch
15	75209	2	Nylon Slide Support	70	74027	2	M3-0.5 Pan Head Screw
16	73174	1	Exhaust Manifold	71	43182	2	M3 Lock Washer
17	79678	2	Exhaust Manifold Gasket	73	75237	4	Spring Retainer Washer
18	55173	4	M8-1.25 x 20mm Capscrew	74	77681	1	LOS 2-wire Vinyl Cap
19	72383	2	Collector Pan Gasket	75	75474	1	17" x 42" x 2" Vinyl Cap
20	90859	1	Cover Plate A External	76	90800	1	Exhaust Elbow
21	75224F	1	Engine Pulley	77	74907	1	1-1/8" Exhaust Clamp
22	73106F	1	Alternator Pulley	78	75226	1	Air Cover
23	75216	1	40" Poly Vinyl 4L Belt	79	56893	14	#10-24 x 1/2" Screw
24	49451	1	Pulley Retainer Washer	80	75229	1	Slide Pan Gasket
25	42633	1	3/8"-24 x 1" Capscrew	81	75227	1	Slide Pan
26	77017	1	Blower Housing Guide	82	79246	4	M6-1.0 x 16mm Capscrew with lock washer
27	73118	1	3/8"-24 x 2-1/2" Capscrew	83	22473	4	M6 Flat Washer
28	74906	5	M6-1.00 x 20mm Screw	85	72384C	1	Exhaust Outlet Cover
29	23152	4	3/8"-16 x 3/4" Capscrew	87	77643	2	Exhaust Outlet Gasket
30	72375	1	Blower Housing	90	22447	1	M6 Toothed Lock Washer
31	73185	1	Blower Housing Spacer	91	90088	1	Vinyl coated Clamp
32	22097	6	M6 Lock Washer	92	74908	10	M5-0.8 x 10mm Screw
33	77682	1	M5-0.8 x 80mm Capscrew	93	81105	2	5/16"-18 Flange Nut (special)
34	75242	4	Generator Mounting Spring	94	23897	6	M5 Flat Washer
35	49813	2	M6-1.00 Hex Nut	95	67210	1	Decal A Ground
36	45757	2	M6-1.0 x 25mm Capscrew	96	45756	4	M6 x 10mm Tapite Screw
42	26925	1	3/8" NPT Oil Drain	97	22131	1	M10 Flat Washer
43	75710A	1	Oil Fill and Drain Tube	98	68527	4	M6-1.0 x 20mm Capscrew with Lockwasher
44	74958	1	Cap and Dipstick Assembly				
45	67871	1	O-ring Cap				
46	75712	1	O-ring Drain				

# EXPLODED VIEW — ALTERNATOR AND PANEL

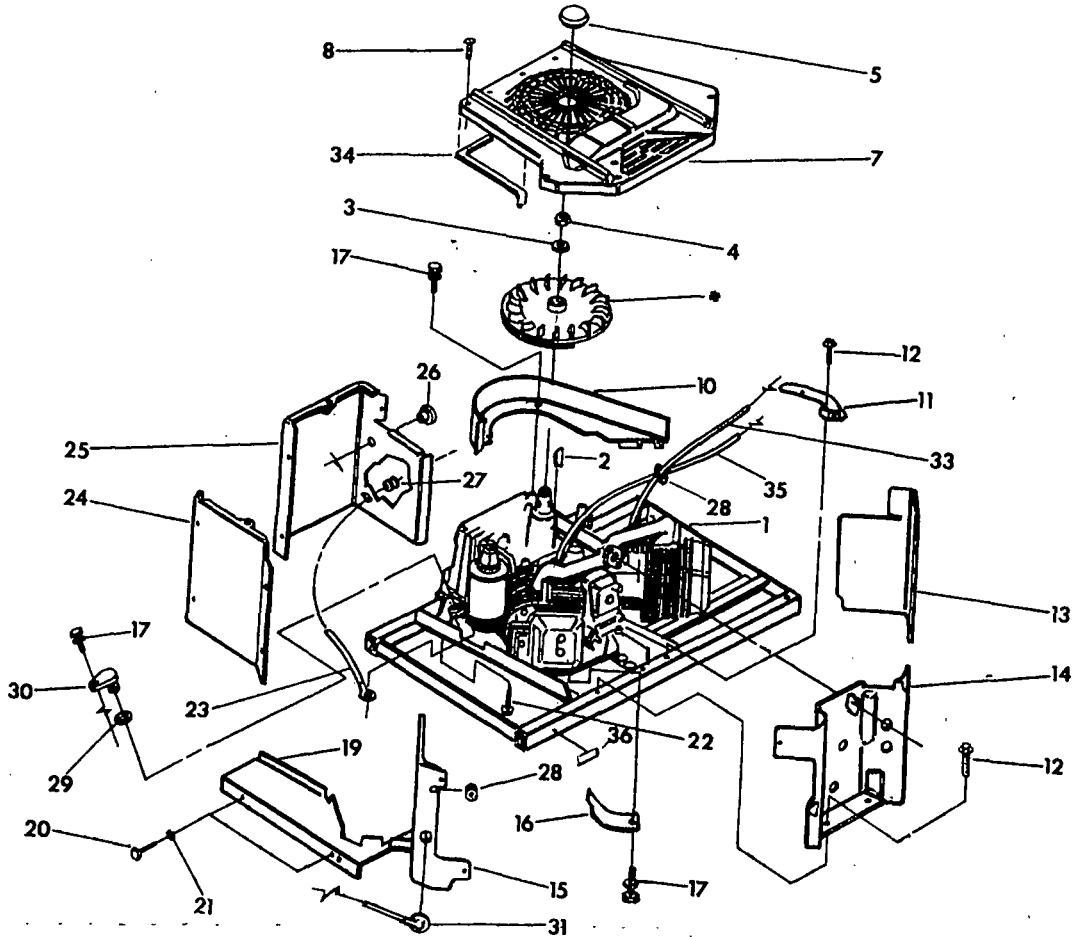


Recreational Vehicle Generator

**REPAIR PARTS — ALTERNATOR AND PANEL**

ITEM	PART NO	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRITPOIN
1	75995	1	Lower Bearing Carrier	34	86317	1	Panel Support Bracket
2	77004G	1	Rotor Assembly	35	75235	4	M5-0.8 x 30mm Capscrew
3	87845G	1	Stator Assembly	36	82737	4	Vibration Mount
4	73159	1	Ball Bearing	37	49813	4	M6 Hex Nut
5	31971	1	Ball Bearing	38	49815	1	M5-0.8 x 16mm Capscrew
6	72379	1	Upper Bearing Carrier	39	43182	2	M3 Lock Washer
7	77006	4	Stator Stud	41	54502	1	3A Circuit Breaker
8	52858	8	M8-1.25 Flange Lock Nut	42	67444	1	M5 Shakeproof Washer
9	66386	1	Brush Holder	43	83049	1	Voltage Regulator
10	66849	2	M5-0.80 x 15mm	44	49226	6	M5 Lock Washer
11	27756	4	Nylon Washer	45	51716	4	M5-0.80 Hex Nut
12	86314	1	Generator Top Housing	46	90145	1	30A Circuit Breaker
13	75234	1	Resistor	47	90145	1	30A Circuit Breaker
14	22473	3	Flat Washer	48	25105	4	No. 6-32 Screw with lock washer
15	22097	5	M6 Lock washer	49	86315	1	Panel Cover
16	74095	1	M6-1.00 x 60mm Capscrew	50	90734	4	M4-0.7 x 16mm Capscrew and Flat Washer
17	90141	2	Ground Cable				
18	22447	1	Shakeproof Lock Washer	51	22985	1	M4 Flat Washer
19	74906	4	M6-1.00 x 20mm Screw	52	32300	1	Fuse Holder
20	92234	1	Controller Circuit Board	53	22676	1	15 Amp Fuse
21	10-74260	1	Starter Cable	54	87798	1	Start/Stop Switch
22	22129	2	5/16" Lock Washer	55	92113	1	Fuel Pump Switch
23	22259	2	5/16"-18 Hex Nut	56	75210A	1	Terminal Block
24	86316	1	Panel Sheet Metal	57	23365	1	M4 Shakeproof Washer
25	53650	1	4-pin Connector	58	51715	1	M4-0.7 Hex Nut
26	20575	1	Connector	59	90157	1	Decal — C.B. Rating 30 Amp
27	75244	1	Remote Harness	60	90156	1	Decal — C.B. Rating 20 Amp
28	66476	2	M6-1.0 x 12mm Capscrew with lock washer	61	89438B	1	Customer Connection Decal
				62	31791	1	Hose Clamp
29	86729	1	Starter Contactor	63	23897	1	M5 Flat Washer
30	75476	3	M4-0.7 x 16mm Capscrew	64	74908	1	M5 x 10mm Taptite Screw
31	22264	4	M4 Lock Washer	65	23484S	1	Bushing
32	65795	1	Battery Charge Rectifier	66	75763A	1	Battery Cable Boot
33	90987	2	M3-0.5 x 15mm Capscrew				

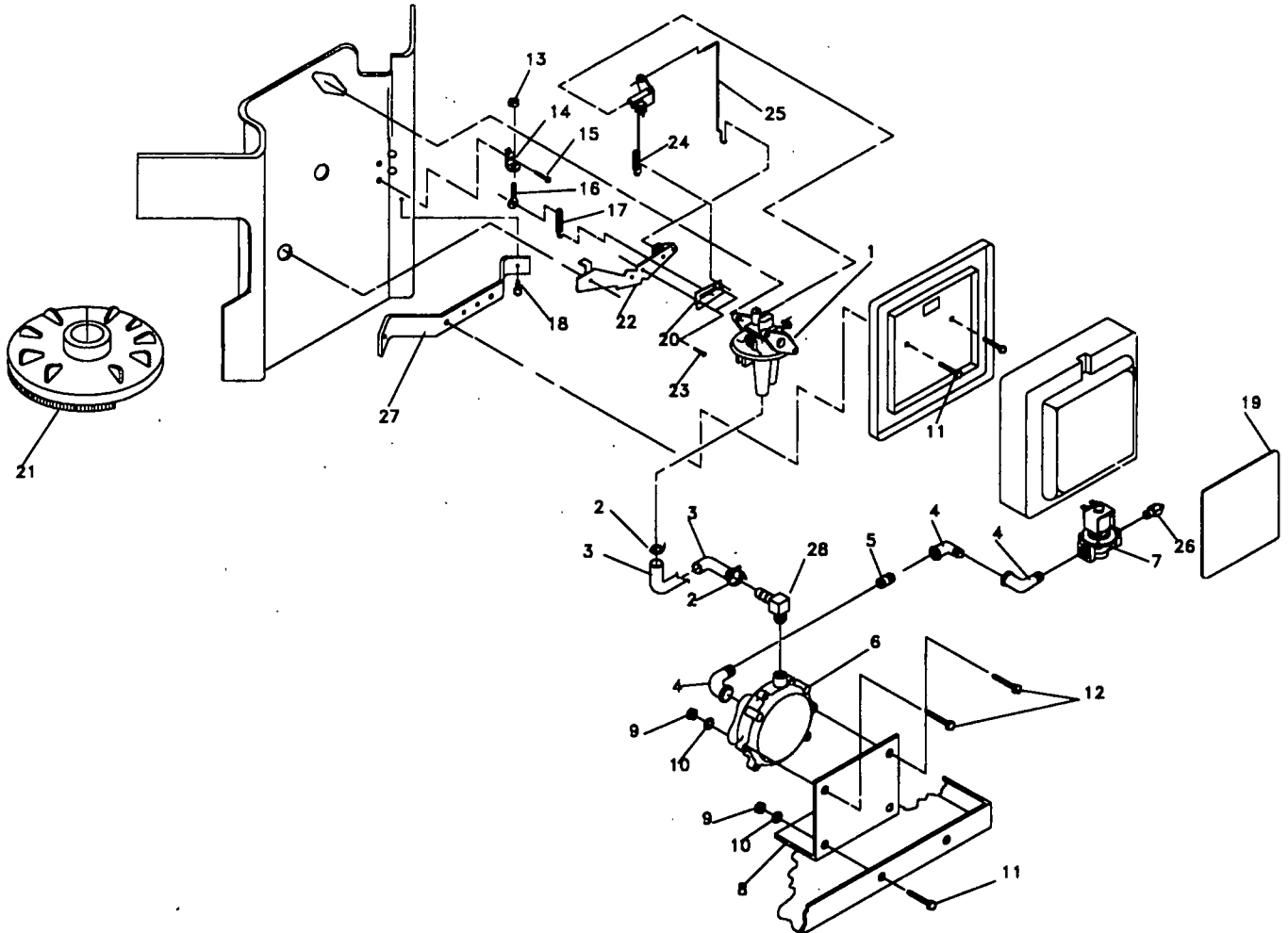
**EXPLODED VIEW — ENGINE ENCLOSURE**



ITEM	PART NO	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See Engine Exploded View	20	42907	2	M8-1.25 x 16mm Capscrew
2	99258	1	6 x 25 Woodruff Key	21	22129	2	M8 Lockwasher
3	67198N	1	Belleville Washer	22	75246	4	3/8"-16 x 1-1/4" Screw
4	67890	1	M20-1.50 Hex Nut	23	10-74260	1	No. 16 Wire Assembly
5	87865	1	Flywheel Access Plug	24	74900	1	Starter Cover
7	86313	1	Engine Housing Top	25	73186	1	Crankcase Wrapper
8	56893	23	No. 10-24 x 3/8" Crimpite Screw	26	81108	1	Snap Bushing
10	87750	1	Flywheel Scroll	27	22717B	1	Rubber Grommet
11	74916	1	No. 2 Base Cover	28	22717A	3	Rubber Grommet
12	74908	9	M5 x 10mm Taplite Screw	29	67866	1	O-ring
13	73190	1	No. 2 Cylinder Wrapper	30	77001	1	Oil Fill Plug
14	78858	1	Valley Cover	31	73132	2	Spark Plug Boot
15	78859	1	No. 1 Cylinder Wrapper	33	87858A	1	Ground Wire Assembly — #2 cyl.
16	74902	2	Wrapper À Barrel	34	29289	2 ft.	Foam Tape
17	66476	5	M6-1.00 x 12mm Capscrew with lock washer	35	87858B	1	Ground Wire Assembly — #1 cyl.
19	73191	1	No. 1 Base Cylinder Cover	36	50277	1	Oil Drain Decal

Recreational Vehicle Generator

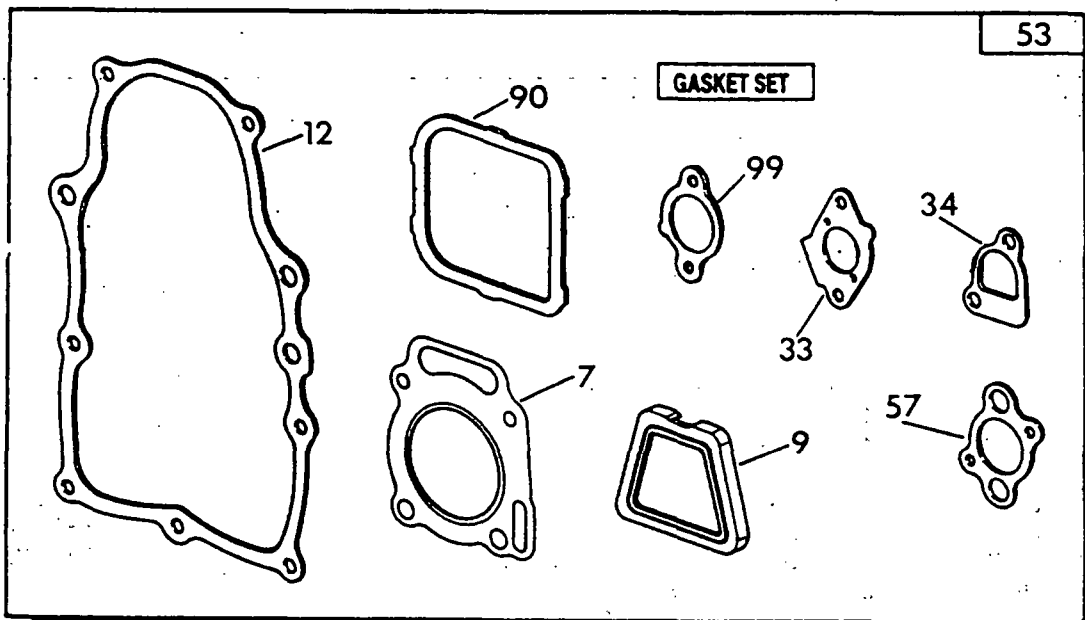
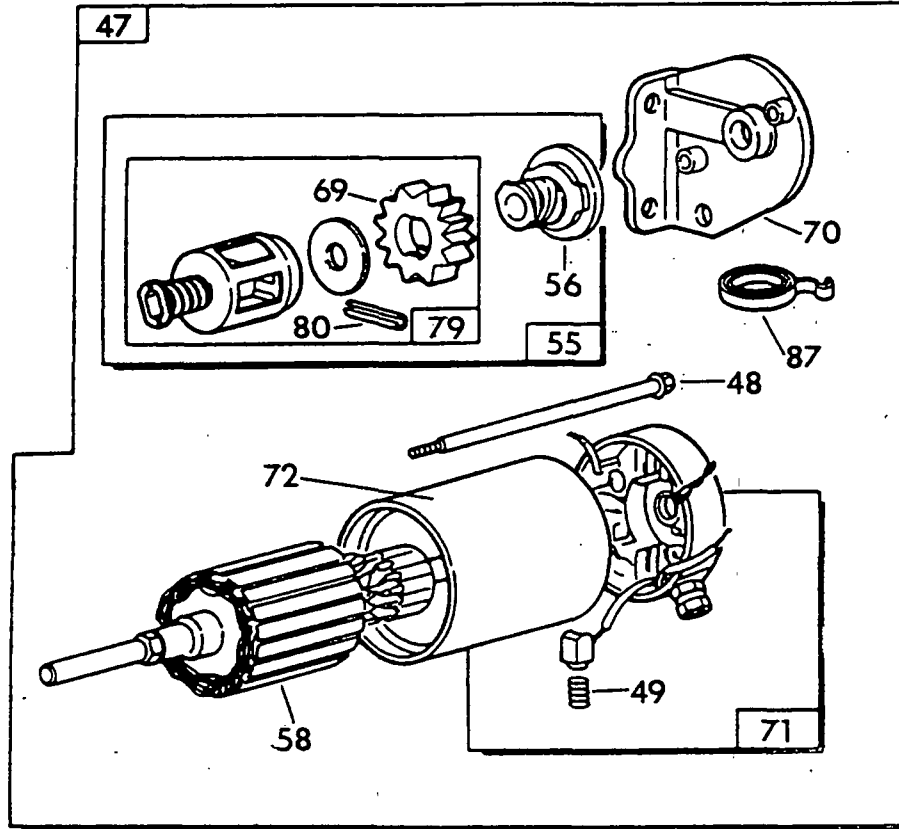
## EXPLODED VIEW— CARBURETOR



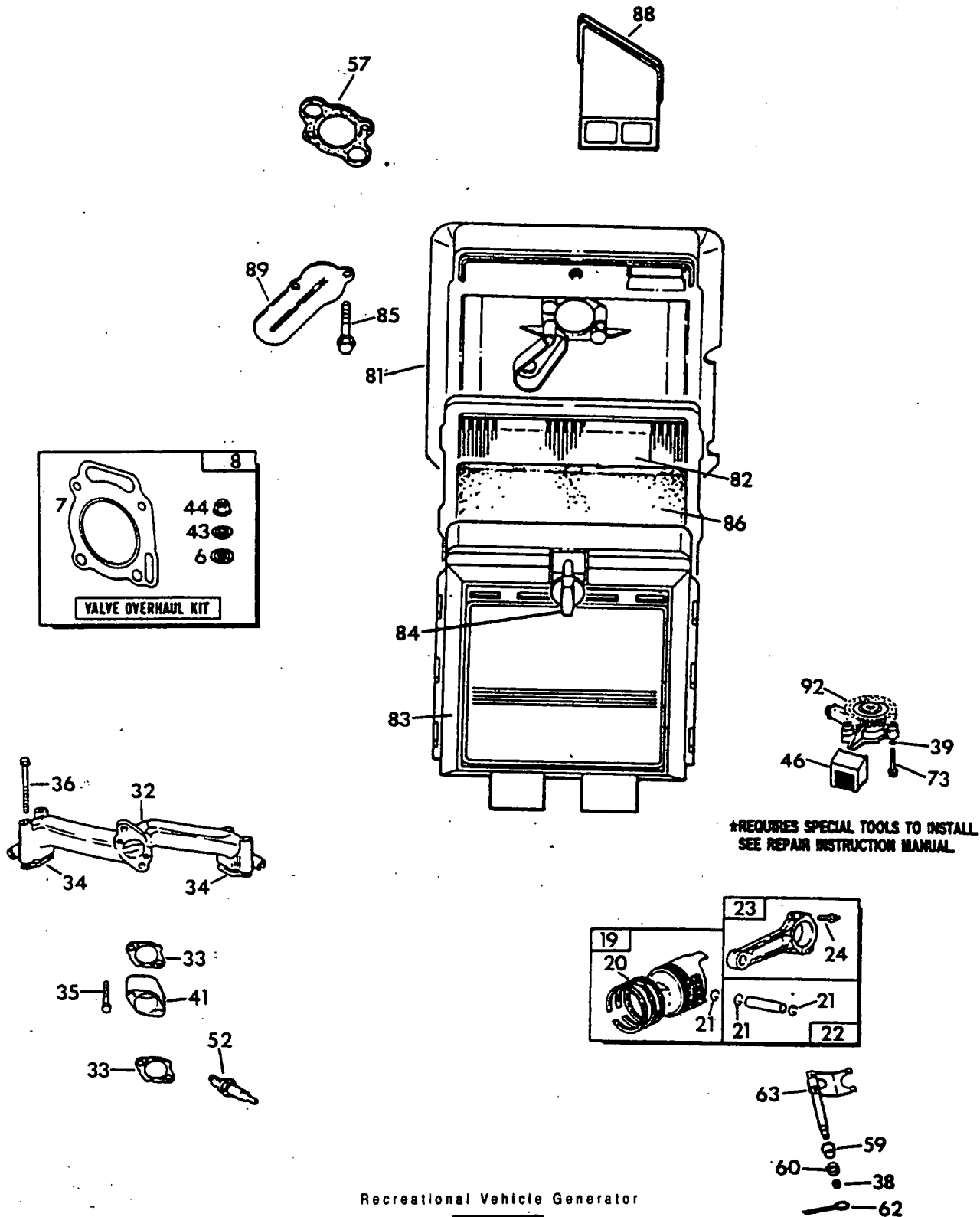
ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	A1662A	1	V-TWIN CARBURETOR	17	74962C	2	M6-1.0 x 12MM HEX SCREW
2	57822	2	HOSE CLAMP	18	66476	2	M6-1.0 x 12MM HEX SCREW W/LOCKWASHER
3	74994	1	1/2" I.D. x 10" LONG HOSE	19	91351	1	AIR CLEANER DECAL
4	26307	3	STREET ELBOW	20	75944	1	GOVERNOR SPRING BRACKET
5	26915	1	3/4" PIPE SLEEVE	21	73130	1	FLYWHEEL ASSEMBLY
6	75211	1	GASEOUS FUEL REGULATOR	22	70155	1	GOVERNOR LEVER
7	A2666	1	GASEOUS FUEL SOLENOID	23	76242	2	1/8" I.D. x 1/8" RIVET
8	78864	1	REGULATOR MOUNTING BRACKET	24	70125	1	ANTI-LASH SPRING
9	49813	4	M6 HEX NUT	25	70108	1	GOVERNOR-TO-CARBURETOR ROD
10	22097	4	M6 LOCK WASHER	+	28739	4	4" LONG TIE WRAP
11	47411	2	M6-1.0 x 16MM HEX HD. CAPSCR.	+	55162	9cc	PIPE SEALANT
12	38750	2	M6-1.0 x 30MM HEX HD. CAPSCR.	26	81190	1	LP HOOK UP FITTING
13	37398	1	HEX LOCK NUT (NYLON)	27	70103	1	AIR CLEANER SUPPORT BRACKET
14	74961	1	GOVERNOR ADJUSTER BRACKET	28	61695	1	BARBED 90 DEG. 3/8" x 1/2"
15	56893	5	#10-24 x 1/2" SCREW				
16	47227	1	GOVERNOR ADJUSTER SCREW				

Recreational Vehicle Generator

**EXPLODED VIEW — GN-480 ENGINE**

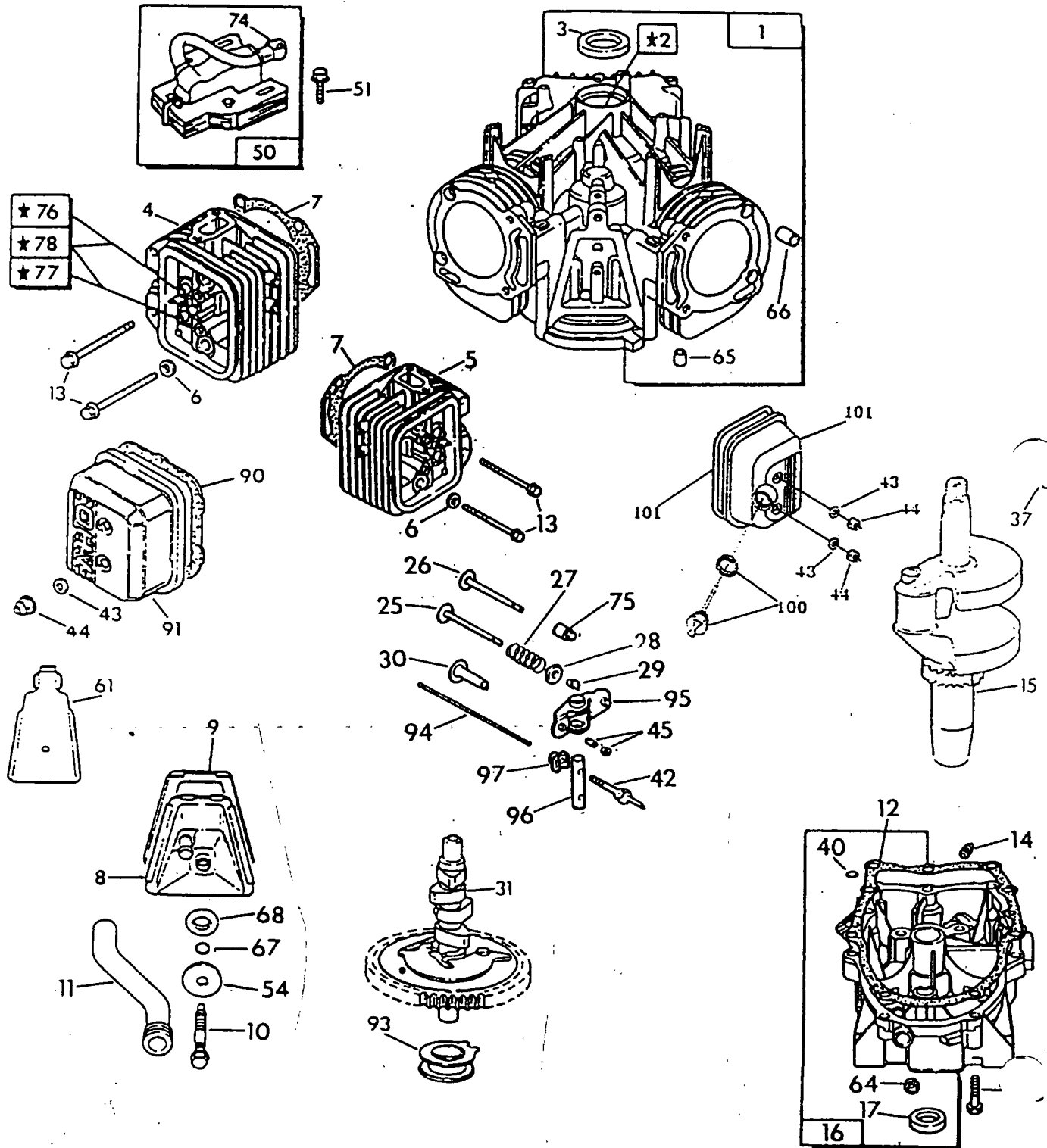


**EXPLODED VIEW — GN-480 ENGINE**





**EXPLODED VIEW — ENGINE PARTS**



## REPAIR PARTS LIST — GN-480 ENGINE

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	69331	1	Cylinder Assembly	51	72536	2	Ignition Armature Screw
2	69333	1	Sleeve Bearing	52	72347	2	"D" Spark Plug
3	67805	1	Oil Seal	53	75258	1	Engine Gasket Kit
4	79234	1	No. 1 Cylinder Head Assembly	55	75260	1	Starter Drive Assembly
5	79235	1	No. 2 Cylinder Head Assembly	56	75261	1	Clutch Assembly
6	70169	4	Sealing Washer	57	66480	1	Air Cleaner Gasket
7	69332	2	Cylinder Head Gasket	58	75269	1	Armature Assembly
8	72301	1	Breather Assembly	59	72361	1	Governor Shaft Bushing
9	72315	1	Breather Gasket	60	72362	1	Governor Shaft Bushing
10	70190	2	Breather Screw	61	70199	1	Breather Baffle
11	70596	1	Breather Tube	62	72366	1	Cotter Pin
12	69336	1	Oil Sump Gasket	63	72367	1	Governor Fork
13	69325	8	Cylinder Head Bolt	64	72365	1	Governor Shaft Washer
14	67888	2	3/8" NPT Oil Drain Plug	65	68555	2	Crankcase Dowel
15	72334	1	Crank Shaft Assembly	66	67806	4	Cylinder Head Dowel
16	75247	1	Oil Sump Assembly	67	75262	1	Breather Screw Seal
17	67924	1	Oil Seal Assembly	68	75263	1	Breather Seal Screw
18	67878	9	Oil Sump Bolt	69	75264	1	Starter Gear
19	75248	2	Standard Piston Assembly	70	75265	1	Starter End Cap Assembly
20	75249	2	Standard Piston Ring Set	71	75266	1	Commutator Cap Assembly
21	69327	4	Piston Locking Ring	72	75267	1	Starter Housing Assembly
22	72520	2	Standard Piston Ring	73	68572	2	Oil Pump Screw
23	72521	2	Connecting Rod Assembly	74	75272	2	Spark Plug Terminal
24	72346	4	Connecting Rod Bolt	75	70122	2	Valve Stem Seal
25	69316	2	Exhaust Valve	76	67910	2	Intake Valve Seat
26	69317	2	Intake Valve	77	67911	2	Exhaust Valve Seat
27	67816	4	Valve Spring	78	67813	4	Valve Guide
28	69320	4	Valve Spring Retainer	79	75268	1	Retainer and Pin
29	70513	4	Valve Keeper	80	75270	1	Roll Pin
30	70584	4	Valve Tappet	81	70592	1	Air Cleaner Base
31	70530	1	Camshaft Assembly	82	73123	1	Air Filter
32	72358	1	Intake Manifold	83	70593	1	Air Cleaner Cover
33	69379	2	Carburetor Mounting Gasket	84	72300	1	Air Cleaner Cover Screw
34	67895	2	Intake Manifold Gasket	85	67156	2	Air Cleaner Base Screw
35	70594	2	Carburetor Mounting Bolt	86	69341	1	Foam Pre-cleaner
36	67158	4	Intake Manifold Mounting Bolt	87	80011	1	Brush Set Spring
37	68574	1	1/8" NPT Plug Pipe	88	70597	1	Air Inlet Tube
38	68554	1	Governor Shaft Seal	89	69358	1	Breather Deflector
39	68573	1	Oil Pump O-ring	90	67920	2	Valve Cover Gasket
40	70506	1	Oil Galley O-ring	91	69328	2	Valve Cover
41	70554	1	Carburetor Spacer	92	70547	1	Oil Pump Assembly
42	70568	4	Rocker Arm Stud	93	70536	1	Governor Slider
43	75253	4	Washer Valve Cover Seal	94	70577	4	Push Rod
44	67885	4	M6 Nylon Nut	95	70599	4	Rocker Arm Assembly
45	75254	4	Valve Adjust Screw	96	70567	2	Rocker Arm Shaft
46	70535	1	Oil Screen	97	70566	4	Rocker Arm Support
47	75255	1	Starter Motor	98	75271	1	Valve Overhaul Kit
48	75256	2	Starter Motor Bolt	99	67897	2	Exhaust Gasket
49	75257	4	Brush Assembly	100	91481	1	Gasket and Cap Assembly
50	67891	1	Ignition Armature Assembly	101	91480	1	Rocker Arm and Cover