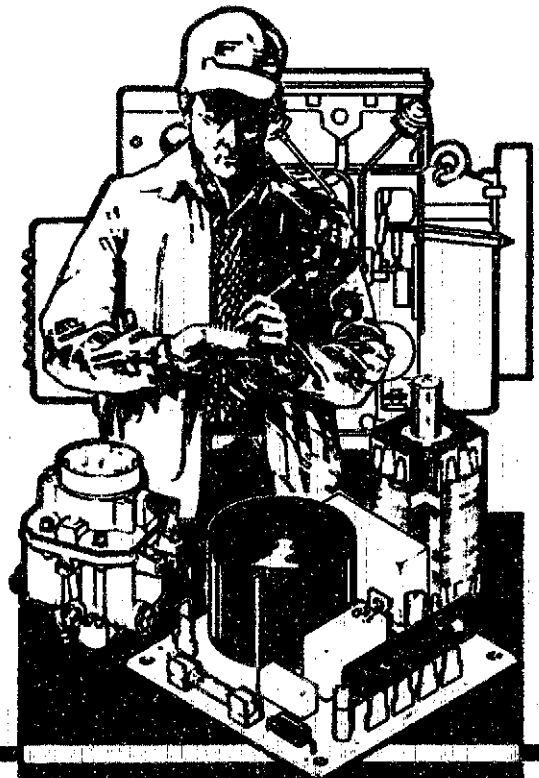


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# Onan

## Parts Manual 2.2 KM GenSet



Onan Service Parts

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981-0235

 **Power  
Generation**

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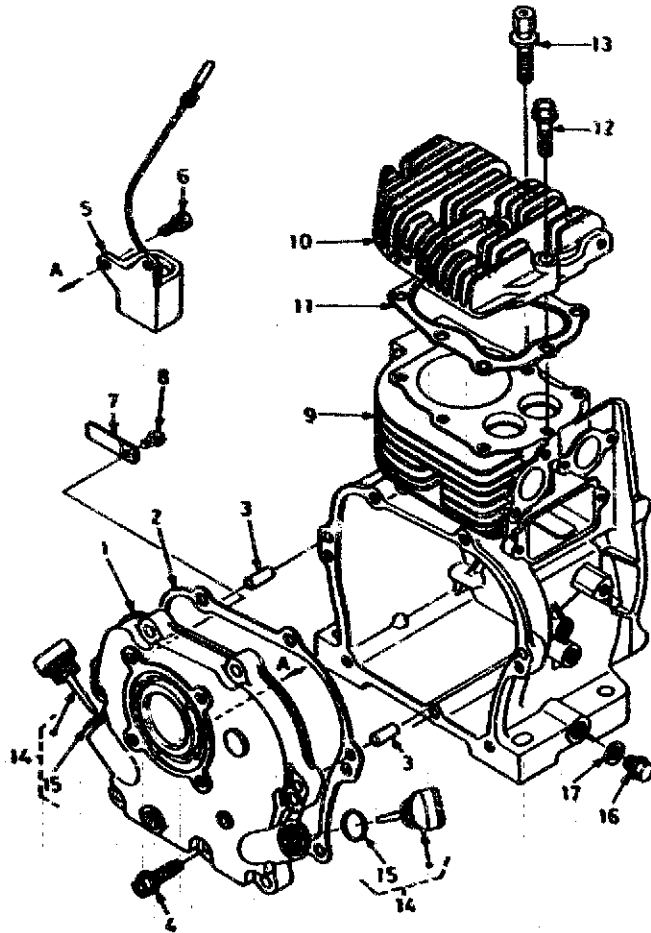
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7	Governor	1	Watch Assy, Oil
2	Guide, Valve		

## Introduction

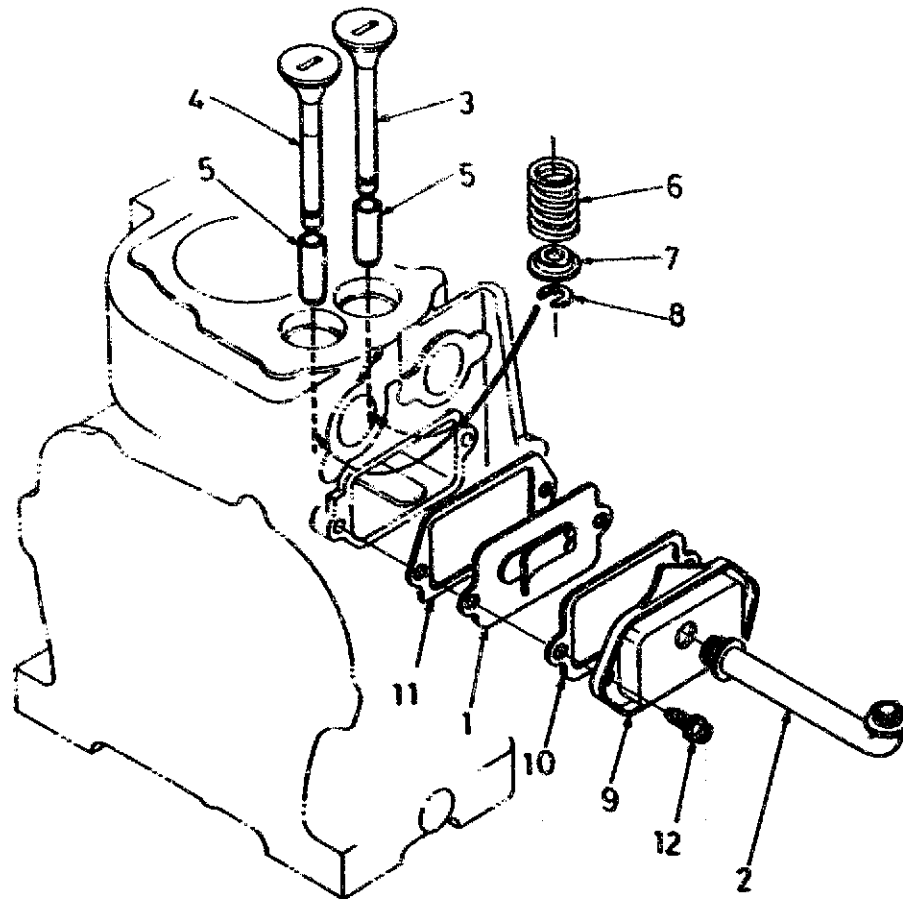
This catalog applies to the VM Generator Set. Parts are arranged in groups of related items and each illustrated part is identified by a reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

## Cylinder



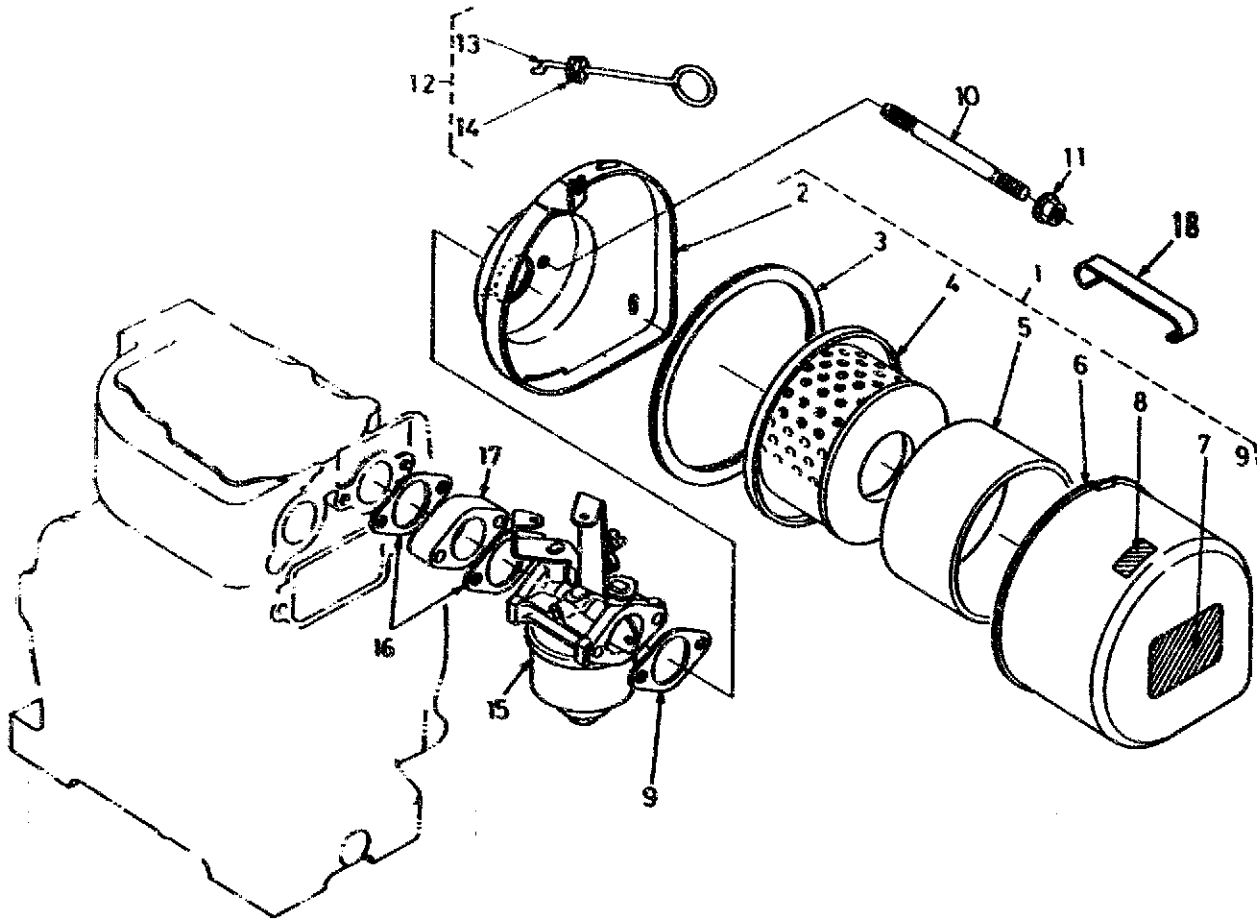
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4927	1	Assy Crankcase
2	185-4512	1	Gasket,Crankcase
3	185-3175	2	Pin,Straight
4	185-3731	7	Bolt
5	185-3543	1	Assy Watch,Oil
6	185-3015	2	Bolt
7	185-4075	1	Clamp,Cord
8	185-4980	1	Screw,With Washer
9	185-4530	1	Comp.Cylinder
10	185-4570	1	Cylinder Head
11	185-4552	1	Gasket,Cylinder Head
12	185-4553	4	Bolt,Cylinder Head
13	185-4925	3	Bolt,Cylinder Head
14	185-3654	2	Assy Plug,Oil Filler
15	185-3078	2	Ring
16	185-3656	2	Plug,Drain
17	185-3077	2	Gasket

## Breather



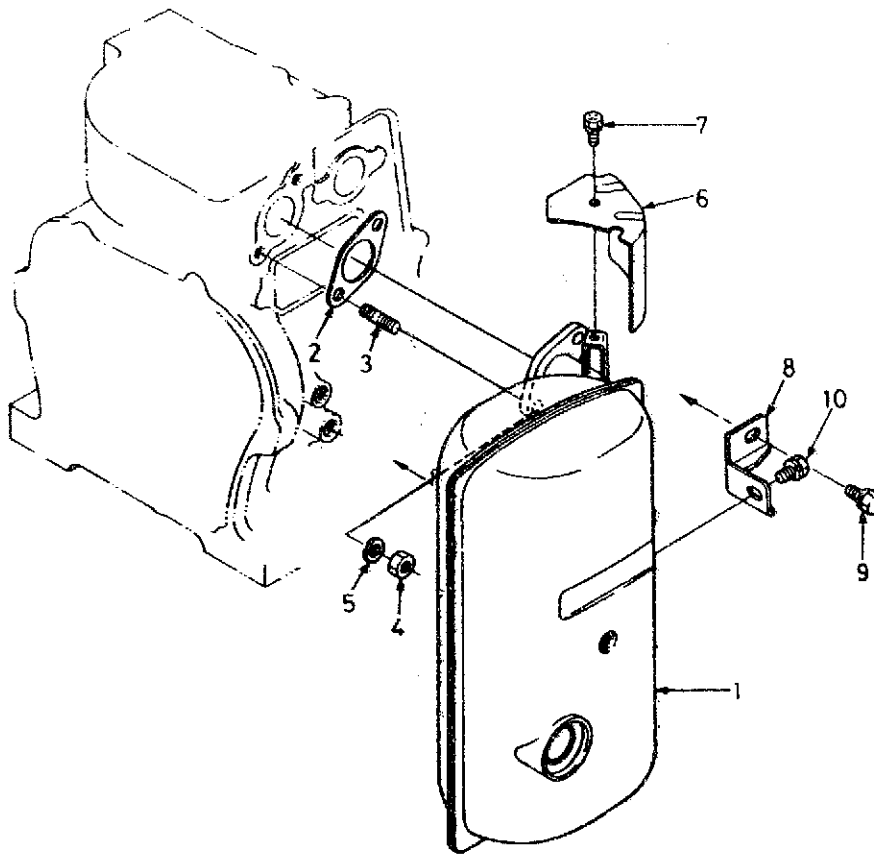
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3351	1	Assy Breather
2	185-4567	1	Pipe.Breather
3	185-4501	1	Valve.Inlet
4	185-4569	1	Valve.Exhaust
5	185-4541	2	Guide.Inlet Valve
6	185-3242	2	Spring.Valve
7	185-3166	2	Retainer.Valve Sp.
8	185-3171	2	Collet.Valve Spring
9	185-4502	1	Cover.Tappet Case
10	185-3353	1	Gasket
11	185-4496	1	Gasket
12	185-3692	2	Bolt

## Air Cleaner



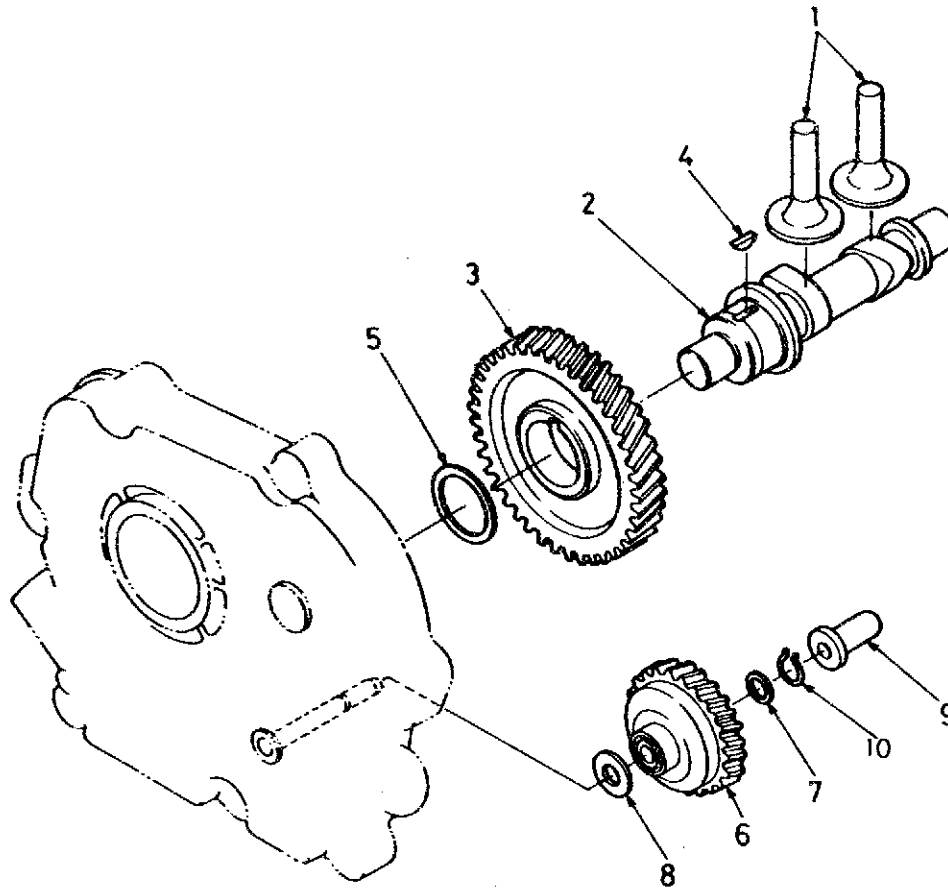
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4981	1	Cleaner Assv. Air
2	185-4572	1	Body. Air Cleaner
3	185-3584	1	Plate
4	185-3201	1	Element Assv
5	185-3583	1	Sponge. Air Cleaner
6	185-3608	1	Cover. Air Cleaner
7	185-3607	1	Label. Air Cleaner
8	185-3722	1	Mark. Choke
9	185-3709	1	Gasket. Air Cleaner
10	185-4550	2	Stud
11	185-3697	2	Nut
12	185-4982	1	Rod Assv. Choke
13	185-4484	1	Rod. Choke
14	185-3519	1	Cushion. Choke Rod
15	185-4479	1	Carburetor Assv
16	185-3672	1	Gasket
17	185-4505	1	Flange. Carburetor
18	185-5091	1	Clip. Air Cleaner

# Muffler



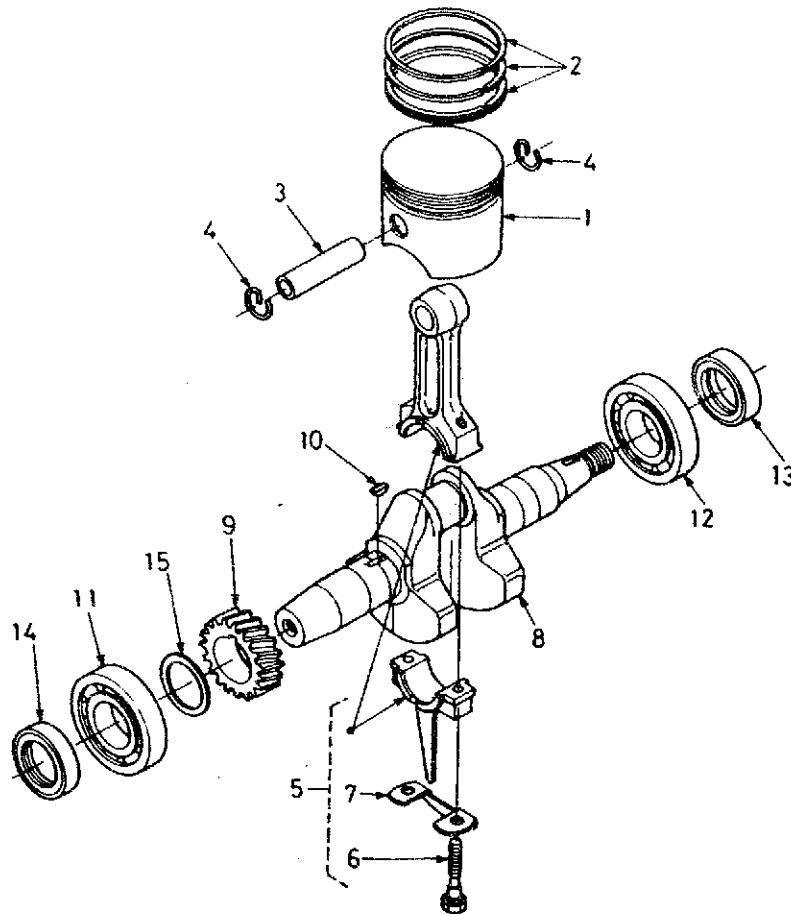
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4983	1	Comp.Muffler
2	185-4554	1	Gasket,Muffler
3	185-4568	2	Stud
4	185-2366	2	Nut
5	185-2381	2	Washer, Spring
6	185-4477	1	Cover,Muffler Flange
7	185-3014	2	Bolt
8	185-4924	1	Stay,Muffler
9	185-3421	1	Bolt
10	185-3009	1	Bolt

## Camshaft



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3354	2	Tappet
2	185-4526	1	Camshaft
3	185-4546	1	Gear,Camshaft
4	185-3389	1	Key,Woodruff
5	185-4551	1	Shim,Camshaft
5	185-3399	1	Shim,Camshaft
5	185-3393	1	Shim,Camshaft
5	185-3394	1	Shim,Camshaft
5	185-3392	1	Shim,Camshaft
5	185-3395	1	Shim,Camshaft
5	185-3396	1	Shim,Camshaft
5	185-3397	1	Shim,Camshaft
5	185-3398	1	Shim,Camshaft
6	185-3674	1	Comp.Gear,Governor
7	185-3484	1	Washer
8	185-3485	1	Washer
9	185-3675	1	Sleeve,Governor
10	185-3487	1	Stopper

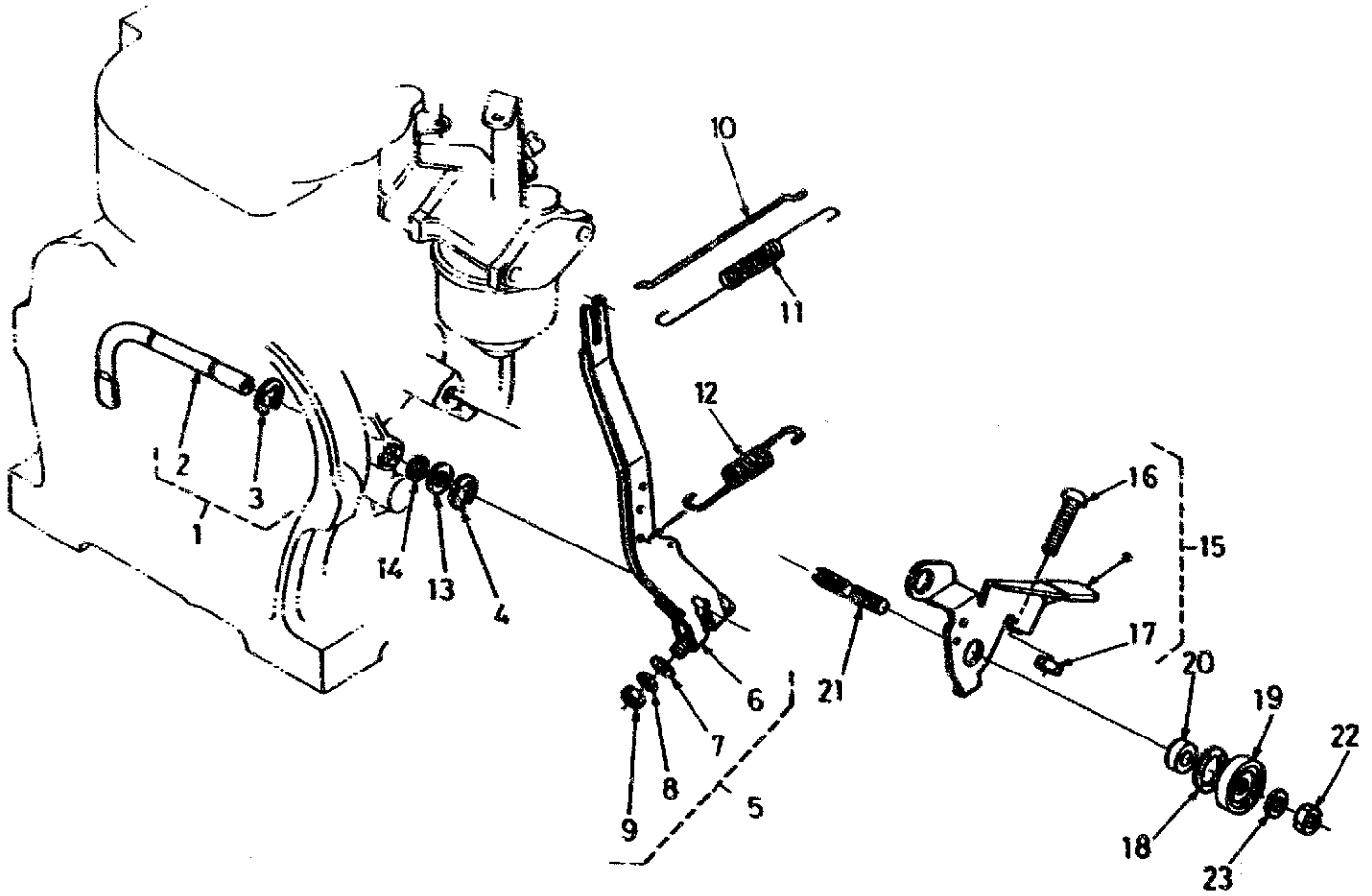
## Piston & Crankshaft



Ref. No.	Part No.	Qty. Used	Part Description
1	185-4533	1	Piston
1	185-4534	1	Piston (+0.5mm)
2	185-4531	1	Assy Piston Ring
2	185-4532	1	Assy Piston Ring (+0.5mm)
3	185-4555	1	Pin,Piston
4	185-3416	2	Cir-Clip,Internal
5	185-4535	1	Assy Connecting Rod
6	185-3127	2	Bolt,Connecting Rod
7	185-3363	1	Washer,Rod Bolt
8	185-4478	1	Crankshaft
9	185-4548	1	Gear,Crankshaft
10	185-3389	1	Key,Woodruff
11	185-3094	1	Bearing,Ball
12	185-3096	1	Bearing,Ball
13	185-3100	1	Seal,Oil
14	185-4513	1	Seal,Oil
15	185-4547	1	Shim,Crankshaft
15	185-3371	1	Shim,Crankshaft
15	185-3366	1	Shim,Crankshaft
15	185-3367	1	Shim,Crankshaft
15	185-3365	1	Shim,Crankshaft
15	185-3368	1	Shim,Crankshaft
15	185-3370	1	Shim,Crankshaft
15	185-3369	1	Shim,Crankshaft

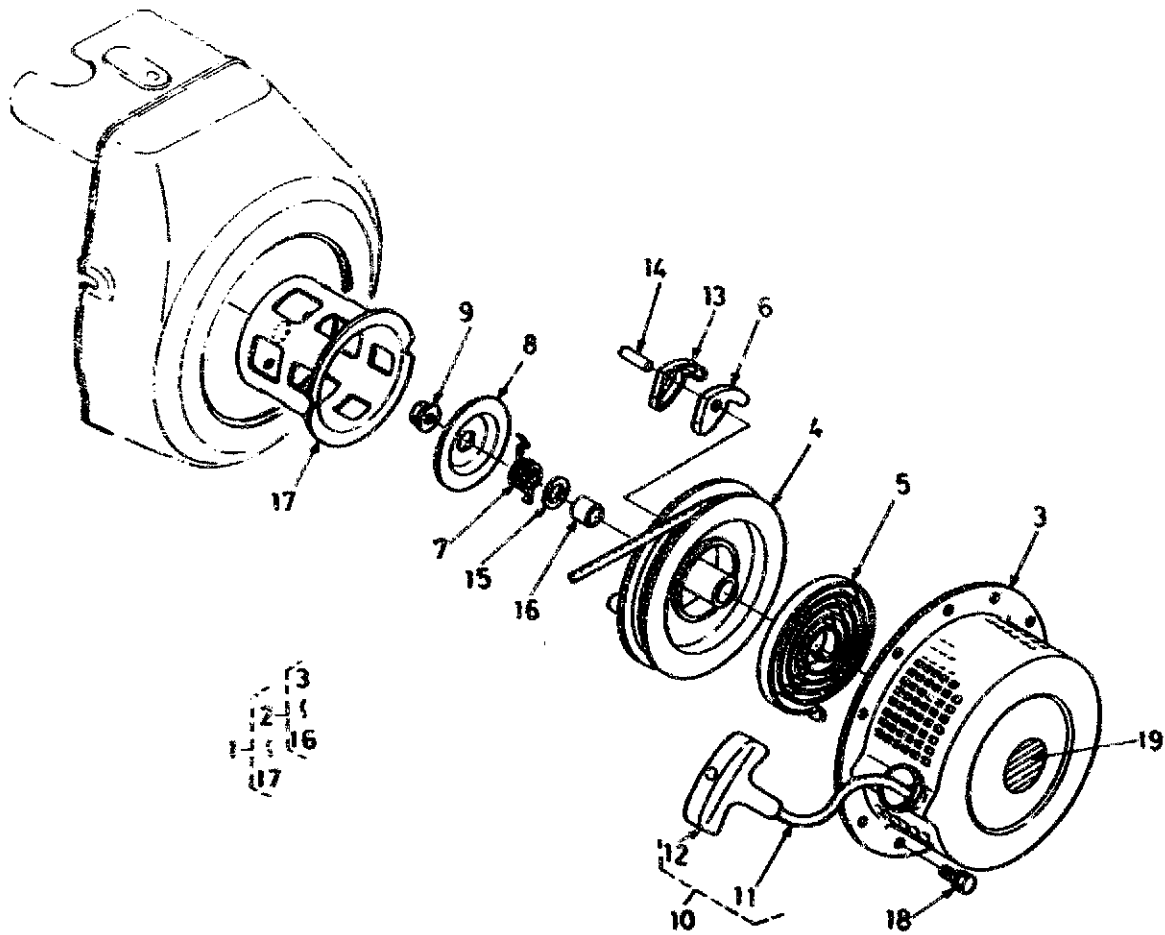


## Governor



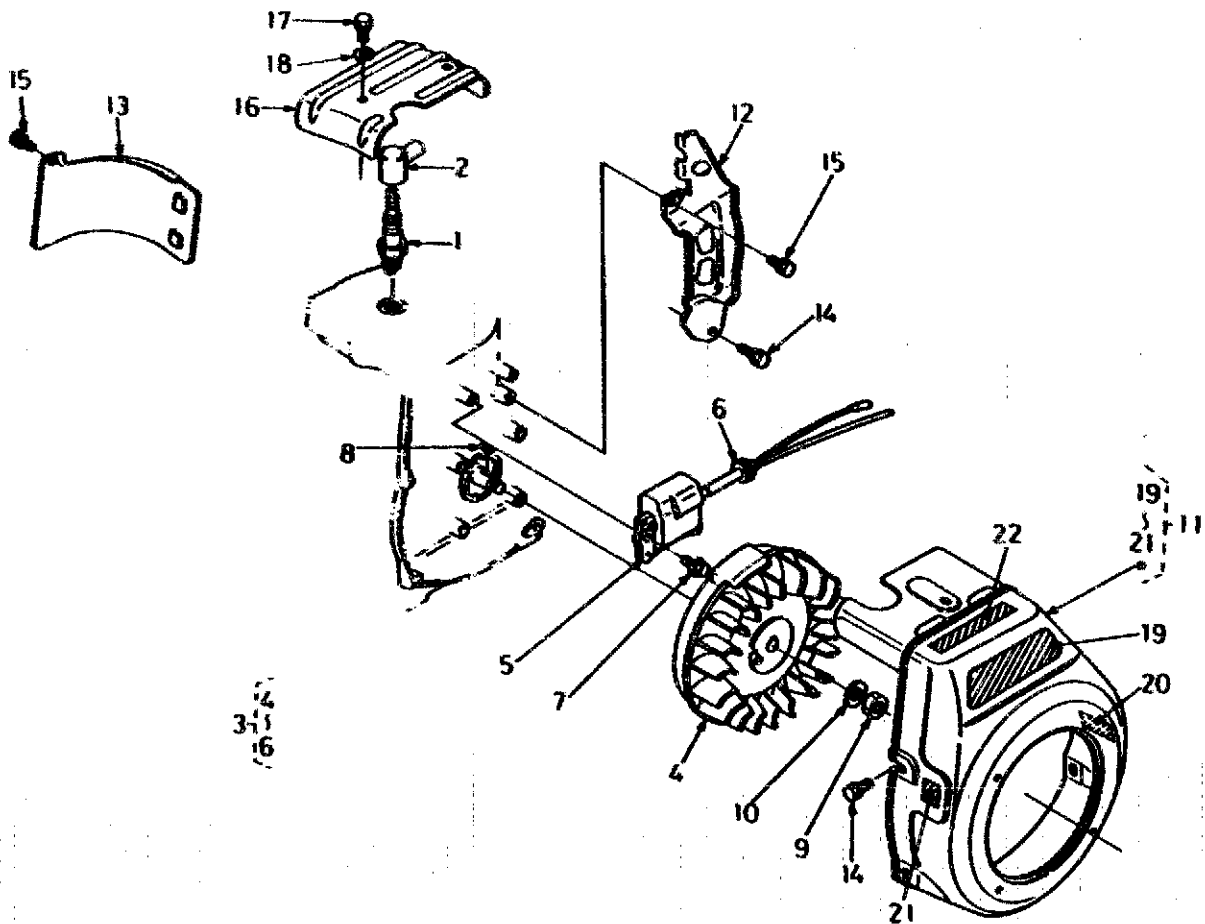
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4984	1	Assy Shaft,Governor
2	185-4549	1	Shaft,Governor-Lever
3	185-3072	1	Cir-Clip,External
4	185-3072	1	Cir-Clip,External
5	185-4985	1	Assy Lever,Governor
6	185-4515	1	Lever,Governor
7	185-2376	1	Washer,Plain
8	185-2380	1	Washer,Spring
9	185-3026	1	Nut
10	185-4566	1	Rod,Governor Joint
11	185-4483	1	Spring
12	185-4516	1	Spring,Governor
13	185-2376	1	Washer,Plain
14	185-3679	1	Gasket
15	185-4986	1	Comp.Lever,Control
16	185-4987	1	Screw,Pan Head
17	185-3026	1	Nut
18	185-3566	1	Washer,Spring
19	185-4499	1	Plate,Pressure
20	185-4498	1	Collar
21	185-3801	1	Stud
22	185-2366	1	Nut
23	185-2381	1	Washer,Spring

## Recoil Starter



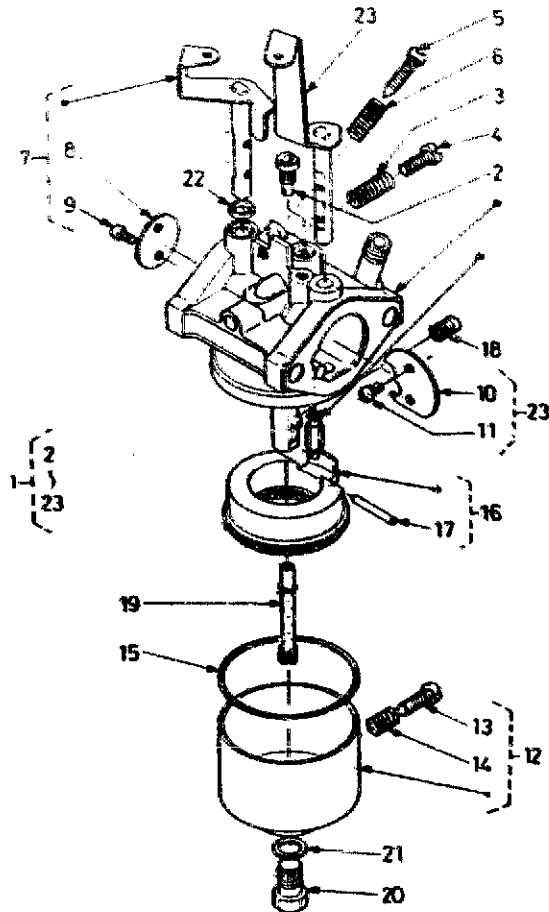
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4485	1	Assy Starter.Recoil
2	185-4486	1	Assy Starter.Rec/Sub
3	185-4487	1	Case.Recoil Starter
4	185-4509	1	Reel
5	185-4518	1	Spring,Spiral
6	185-4510	1	Rawl
7	185-4511	1	Spring,Friction
8	185-4521	1	Plate,Friction
9	185-4524	1	Nut
10	185-4517	1	Assy Rope
11	185-3687	1	Rope
12	185-4523	1	Knob,Starter
13	185-4520	1	Rawl
14	185-4525	1	Pin
15	185-4522	1	Washer,Thrusy
16	185-4519	1	Shaft,Sub
17	185-4527	1	Pulley,Start
18	185-3013	4	Bolt
19	185-4988	1	Label,Electronic

# Magneto



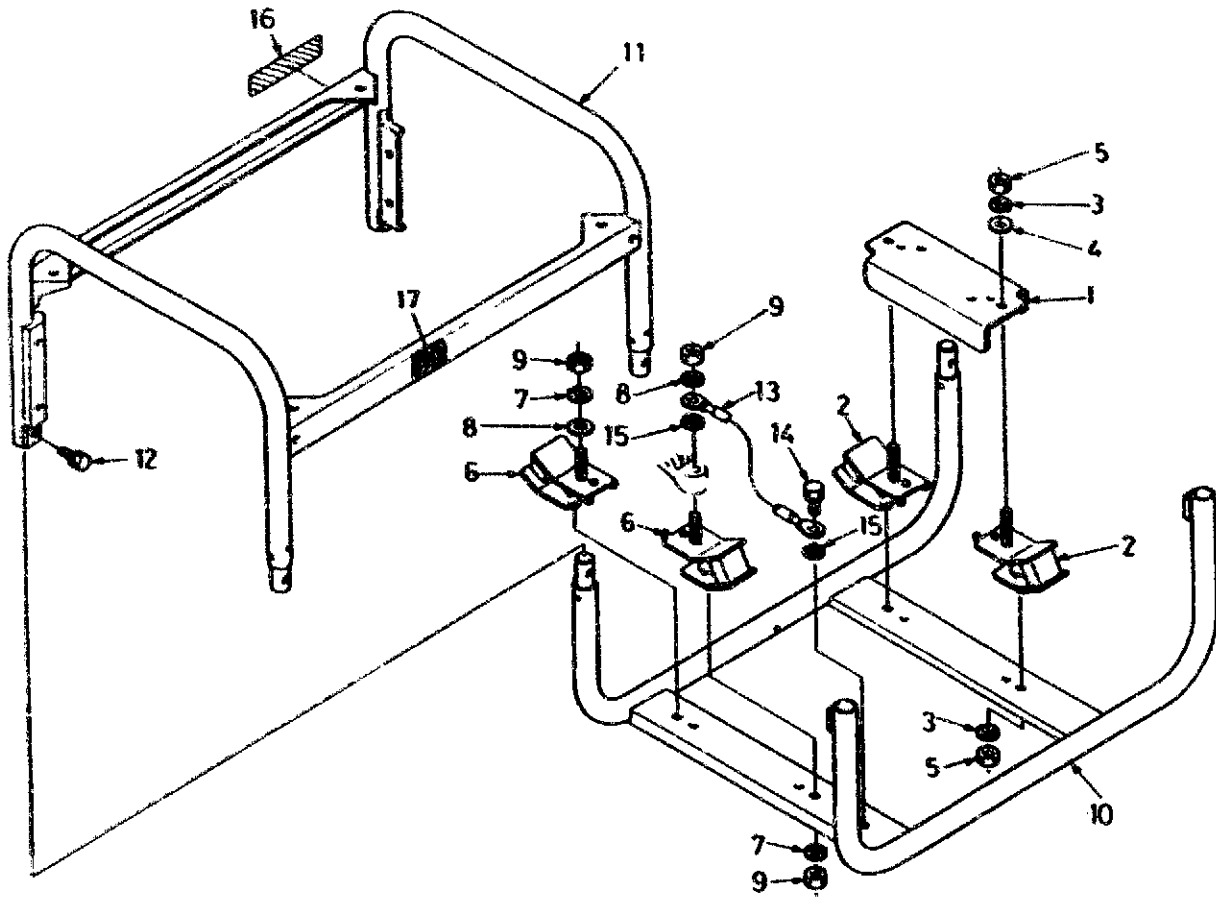
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4540	1	Spark Plug
2	185-3729	1	Cap.Spark Plug
3	185-4488	1	Assy Magneto
4	185-4528	1	Comp.Rotor
5	185-4489	1	Assy Stator
6	185-4490	1	Grommet
7	185-4543	2	Bolt
8	185-3088	1	Key.Woodruff
9	185-3032	1	Nut
10	185-4915	1	Washer.Plain
11	185-4989	1	Assy Case,spiral
12	185-4492	1	Cover,Fan
13	185-4536	1	Cowling.Cylinder
14	185-3503	4	Bolt
15	185-3730	1	Bolt
16	185-4493	1	Cover.Wind Guide
17	185-3013	3	Bolt
18	185-2376	3	Washer.Plain
19	185-4990	1	Label.Onan
20	185-4057	1	Label.Japan
21	185-3199	1	Label.Speed
22	185-4473	1	Label.Caution

# Carburettor



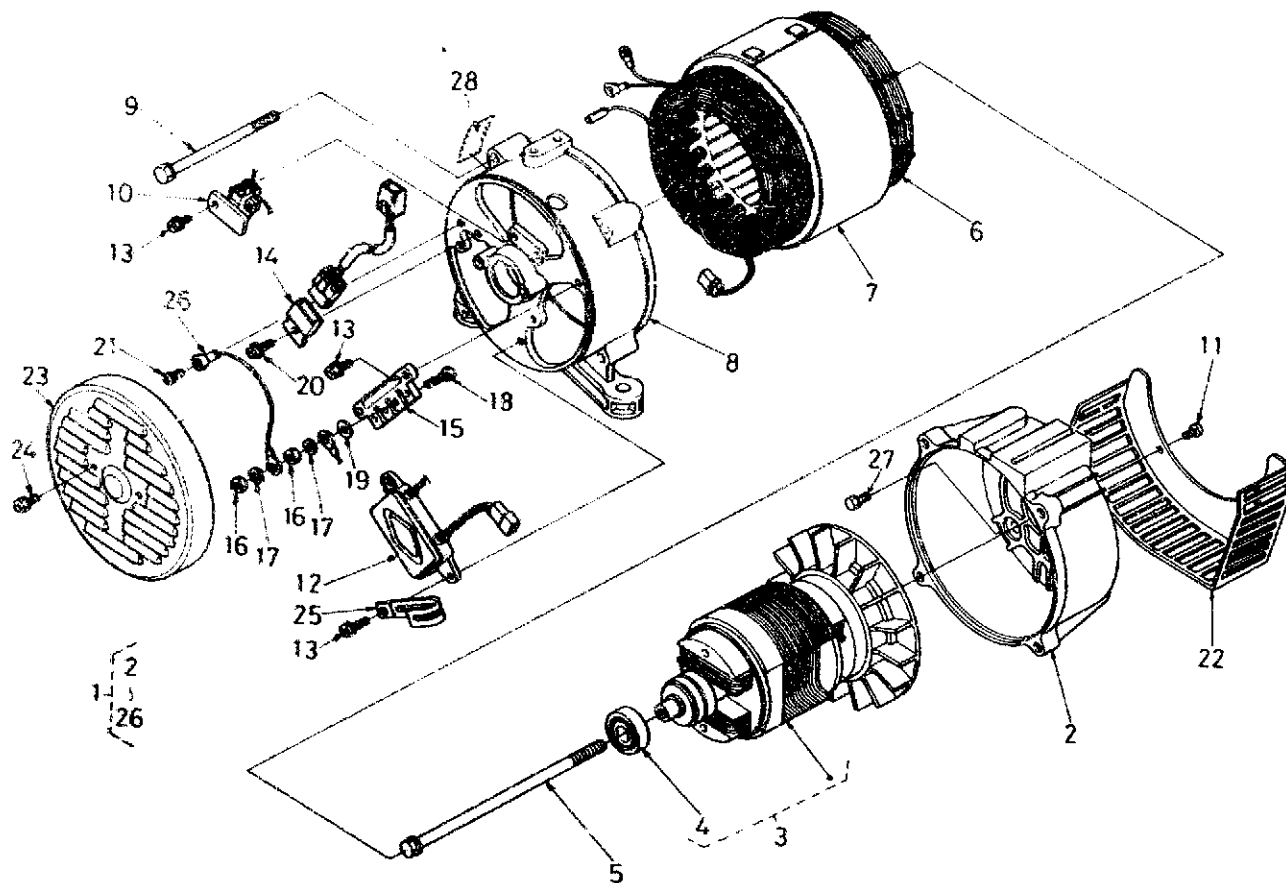
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4479	1	Assy Carburettor
2	185-4514	1	Pilot Jet
3	185-4556	1	Spring
4	185-4557	1	Screw.Idle
5	185-4539	1	Screw.Pilot
6	185-3245	1	Spring
7	185-4504	1	Assy Shaft.Throttle
8	185-4503	1	Valve.Throttle
9	185-4558	2	Screw
10	185-4481	1	Valve.Choke
11	185-4559	1	Screw
12	185-4560	1	Assy Body.Chamber
13	185-4564	1	Screw.Drain
14	185-4563	1	Spring
15	185-4561	1	Gasket
16	185-4571	1	Assy Float
17	185-4562	1	Pin.Float
18	185-4500	1	Main Jet
19	185-4480	1	Nozzle.Main
20	185-4497	1	Bolt
21	185-4506	1	Gasket
22	185-4565	1	Seal
23	185-4482	1	Assy Shaft.Choke

# Frame



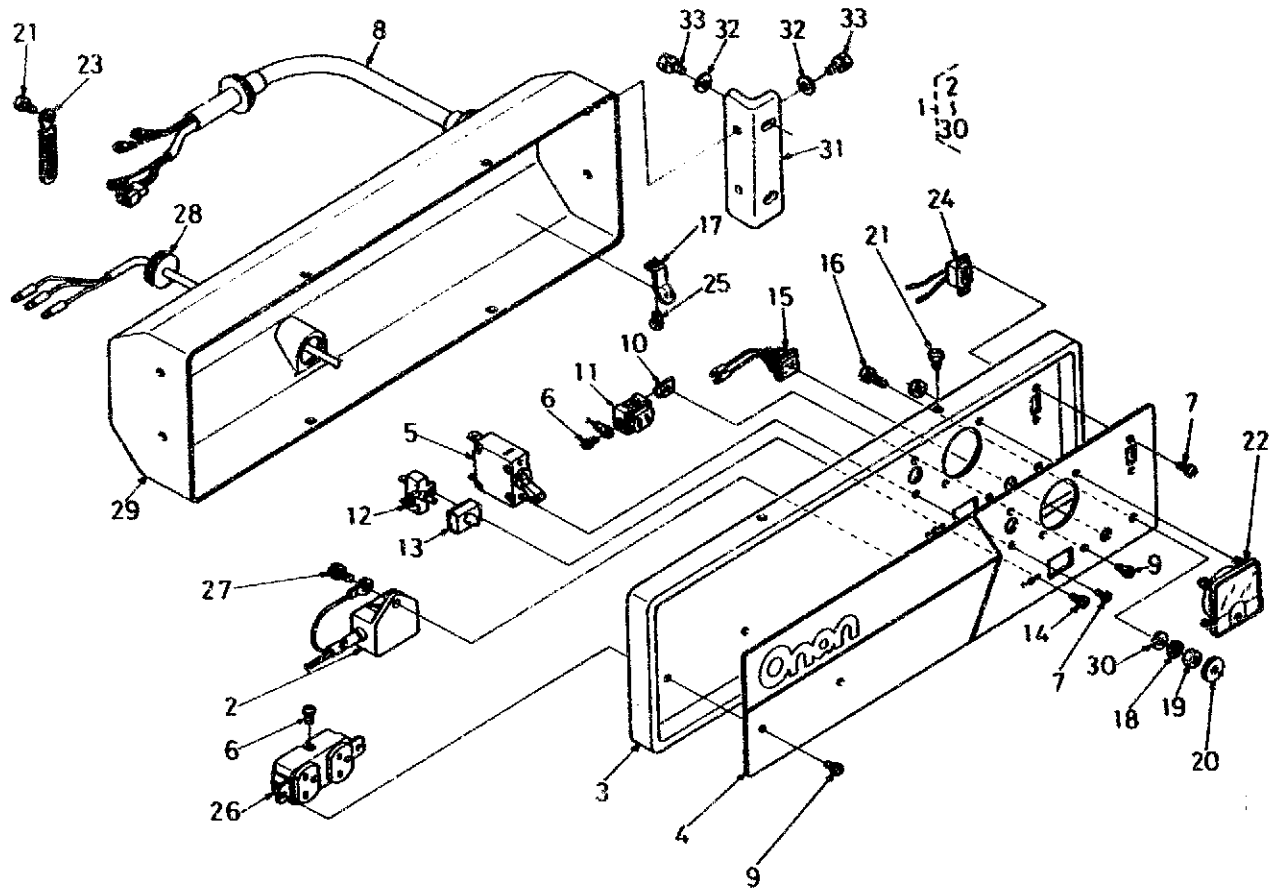
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4577	1	Base.Engine
2	185-4578	2	Cushion
3	185-2381	4	Washer.Spring
4	185-2777	2	Washer.Plain
5	185-2366	4	Nut
6	185-4608	2	Cushion
7	185-2381	3	Washer.Spring
8	185-2777	2	Washer.Plain
9	185-2366	4	Nut
10	185-4991	1	Comp Frame.Pipe
11	185-4992	1	Comp Frame.Pipe
12	185-4073	4	Bolt
13	185-4610	1	Cord
14	185-3009	1	Bolt
15	185-4072	2	Washer Lock.Toothed
16	185-4348	1	Label.Caution
17	185-4351	1	Label

# Generator



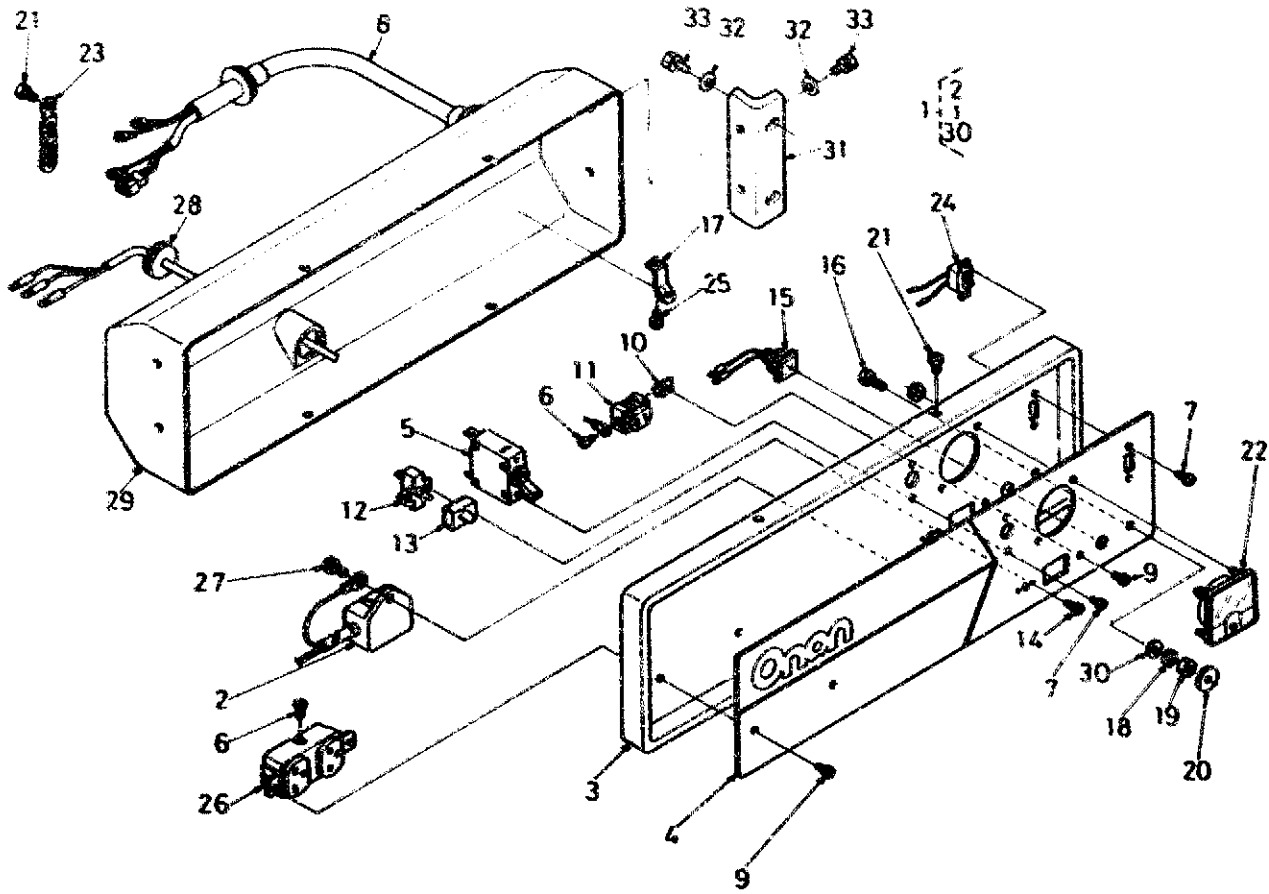
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4993	1	Assy Generator
2	185-4994	1	Bracket,Front
3	185-4995	1	Assy Rotor
4	185-4996	1	Bearing,Ball
5	185-4997	1	Bolt
6	185-4998	1	Assy Stator
7	185-4999	1	Band,Cover
8	185-5000	1	Bracket,Rear
9	185-5001	4	Bolt
10	185-4849	1	Assy Holder,Brush
11	185-5003	2	Screw,With Washer
12	185-5004	1	Assy Control
13	185-4616	5	Bolt
14	185-5005	1	Diode
15	185-5006	1	Assy Terminal
16	185-3854	4	Nut
17	185-5007	4	Washer,Spring
18	185-3853	2	Bolt
19	185-3864	2	Washer,Plain
20	185-5008	1	Screw
21	185-3153	1	Screw
22	185-5009	1	Plate
23	185-5010	1	Cleaner,Cover
24	185-3852	2	Bolt
25	185-3846	1	Plate
26	185-5011	1	W Terminal Cord
27	185-2403	4	Bolt
28	185-3961	1	Label,Oil

## Control Box



Ref. No.	Part No.	Qty. Used	Part Description
1	185-5012	1	Assy Box.Control
2	185-4599	1	Assy Unit.Oil Watch
3	185-5013	1	Panel
4	185-5014	1	Plate.Panel
5	185-5015	1	Breaker
6	185-3951	5	Screw.With Washer
7	185-4620	4	Screw.Pan Head
8	185-5016	1	Wire Harness
9	185-4301	3	Screw.Pan Head
10	185-3849	1	Plate.S
11	185-3921	1	Assy Receptacle
12	185-5017	1	Breaker.Circuit
13	185-4615	1	Cap
14	185-4913	2	Screw.Pan Head
15	185-4596	1	Assy Lamp
16	185-3850	1	Bolt
17	185-4593	1	Holder
18	185-2380	1	Washer.Spring
19	185-3026	1	Nut
20	185-4053	1	Nut
21	185-4603	5	Bolt
22	185-4976	1	Volt Meter
23	185-3846	1	Plate
24	185-5018	1	Switch
25	185-4602	1	Screw.With Washer
26	185-4975	1	Receptacle
27	185-4604	1	Screw
28	185-4600	1	Grommet
29	185-4588	1	Cover
30	185-2376	1	Washer.Plain

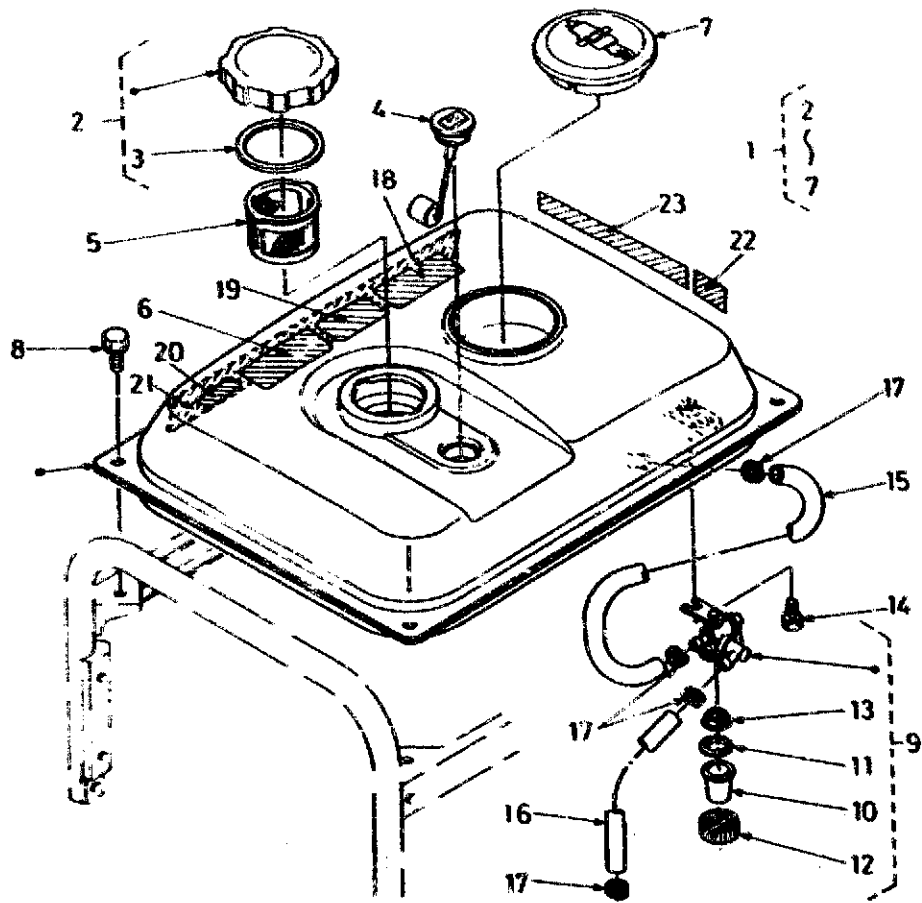
# Control Box



Ref. No.	Part No.	Qty. Used	Part Description
31	185-4609	1	Holder.Control
32	185-4921	6	Washer.Plain
33	185-2386	6	Bolt



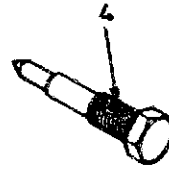
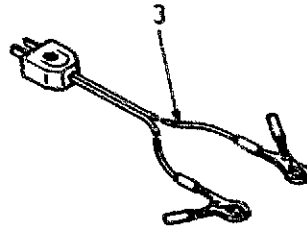
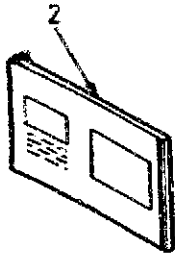
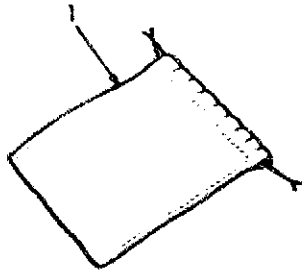
## Fuel Tank



Ref. No.	Part No.	Qty. Used	Part Description
1	185-5019	1	Assy Tank,Fuel
2	185-4507	1	Assy Cap,Fuel Tank
3	185-4508	1	Gasket,Tank Cap
4	185-4611	1	Assy Gauge,Fuel
5	185-3392	1	Filter
6	185-4474	1	Label
7	185-4542	1	Cover,Spark Plug
8	185-3503	4	Bolt
9	185-4598	1	Assy Filter,Fuel
10	185-3661	1	Pot,Filter
11	185-3662	1	Gasket
12	185-3459	1	Ring,Retainer
13	185-3460	1	Element,Filter
14	185-4468	1	Bolt
15	185-3401	1	Pipe,Fuel
16	185-4538	1	Pipe,Fuel
17	185-3372	4	Clip,Fuel Pipe
18	185-5020	1	Label
19	185-4341	1	Label
20	185-5021	1	Label,Cord
21	185-5022	1	Label
22	185-4067	1	Label,Cock
23	185-5023	1	Label,Generator



## Service Parts



Ref. No.	Part No.	Qty. Used	Part Description
1	185-4079	1	Bag, Tools
2	185-5024	1	Manual, Instruction
3	185-4080	1	Assy DC-Cord
4	185-5025	1	Bolt, Rotor-Puller