



Parts Manual

Cummins **Onan**

Performance you rely on.™



Generator Set

KP (Spec B)

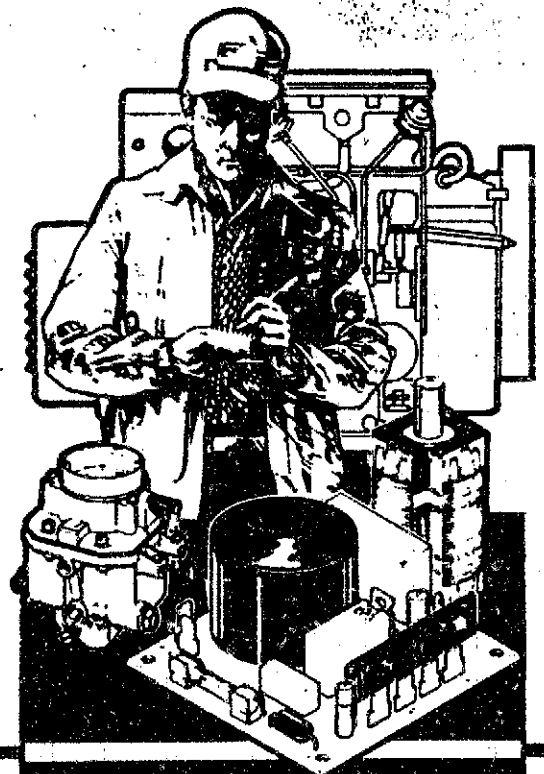
Onan

PROPERTY
OF
SERVICE PARTS
LIBRARY

DO NOT REMOVE

Parts Manual 3.5 KP GenSet

No replacement engine



Onan Service Parts

981-0237
4-86 (Spec B)

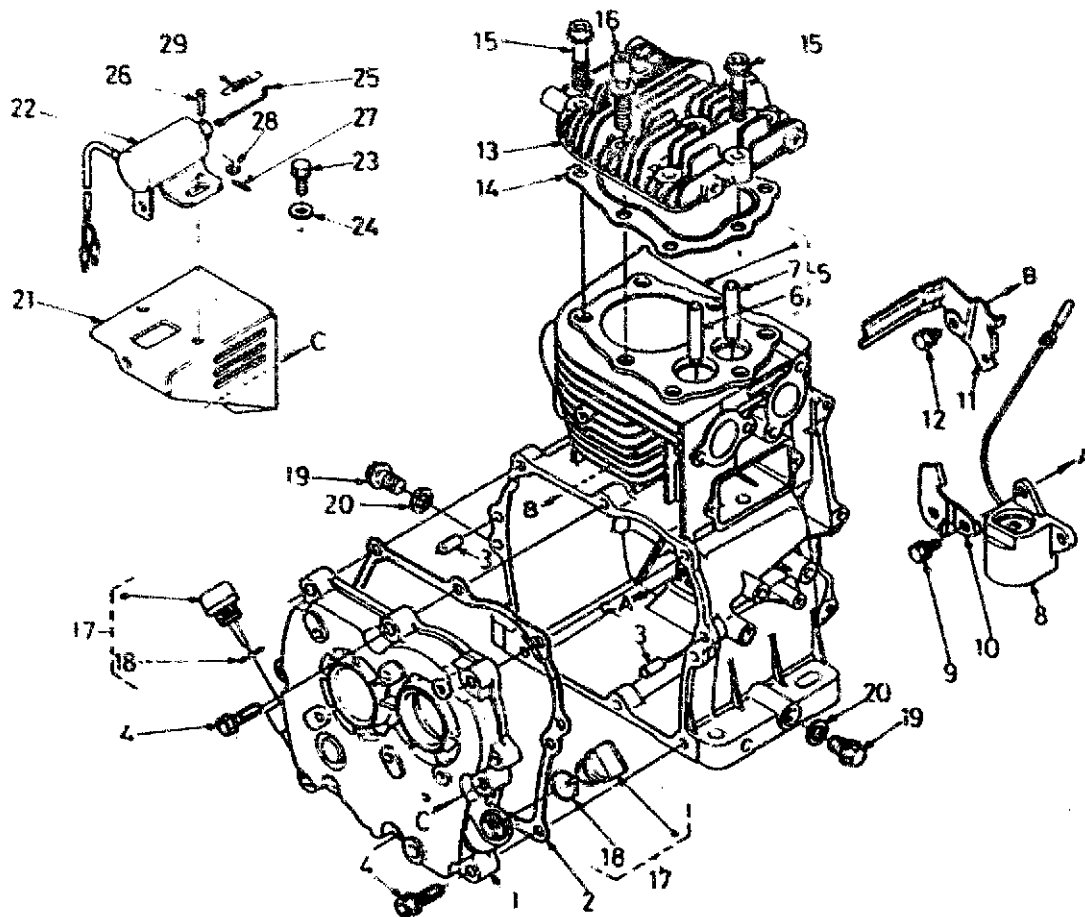
INDEX

6	Bearing, Crankshaft	13	Idler Assy, Auto
13	Breaker, Circuit	13	Lamp Assy
5	Camshaft	7	Lever, Governor
15	Cap, Fuel Tank	9	Magneto
10	Carburetor	4	Muffler
3	Cleaner, Air	2	Pipe, Breather
9	Coil, Ignition	6	Piston
13	Control	7	Plate Assy, Speed Ctrl
16	Cord Assy, DC	1	Plug, Drain
6	Crankshaft	1	Plug, Oil
12	Diode Assy	9	Plug, Spark
3	Filter, Air	8	Pulley, Starter
15	Filter, Fuel	6	Ring Assy, Piston
11	Frame	6	Rod Assy, Connecting
2	Gasket, Breather	8	Rope, Start
3	Gasket, Carburetor Mtg	12	Rotor, Generator
1	Gasket, Crankcase	9	Rotor, Magneto
1	Gasket, Cylinder Head	1	Solenoid
15	Gasket, Fuel Tank	8	Starter Assy, Recoil
1	Gasket, Drain Plug	12	Stator, Generator
15	Gauge, Fuel	13	Switch, Control
5	Gear, Camshaft	14	Switch Assy, Stop
6	Gear, Crankshaft	15	Tank, Fuel
5	Gear, Governor	14	Unit Assy, Oil Watch
12	Generator	2	Valve, Exhaust
7	Governor	2	Valve, Inlet
1	Guide, Valve	1	Watch Assy, Oil
12	Holder Assy, Brush		

Introduction

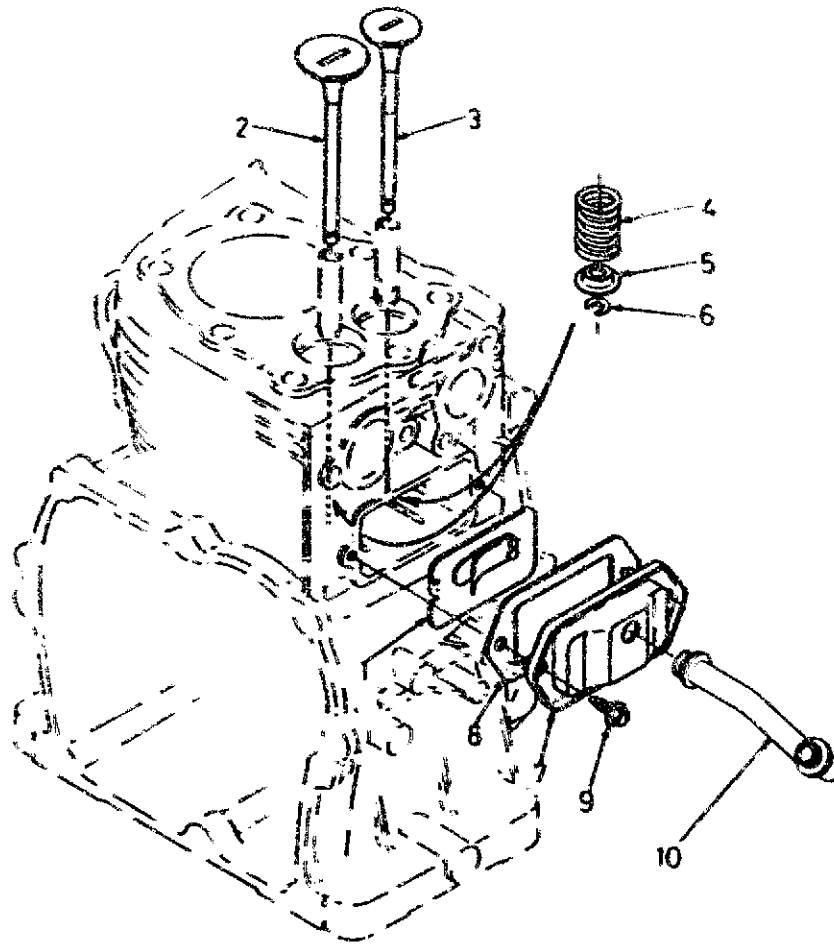
This catalog applies to the KP Generator Set. Parts are arranged in groups of related items and each illustrated part is identified by a reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using 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



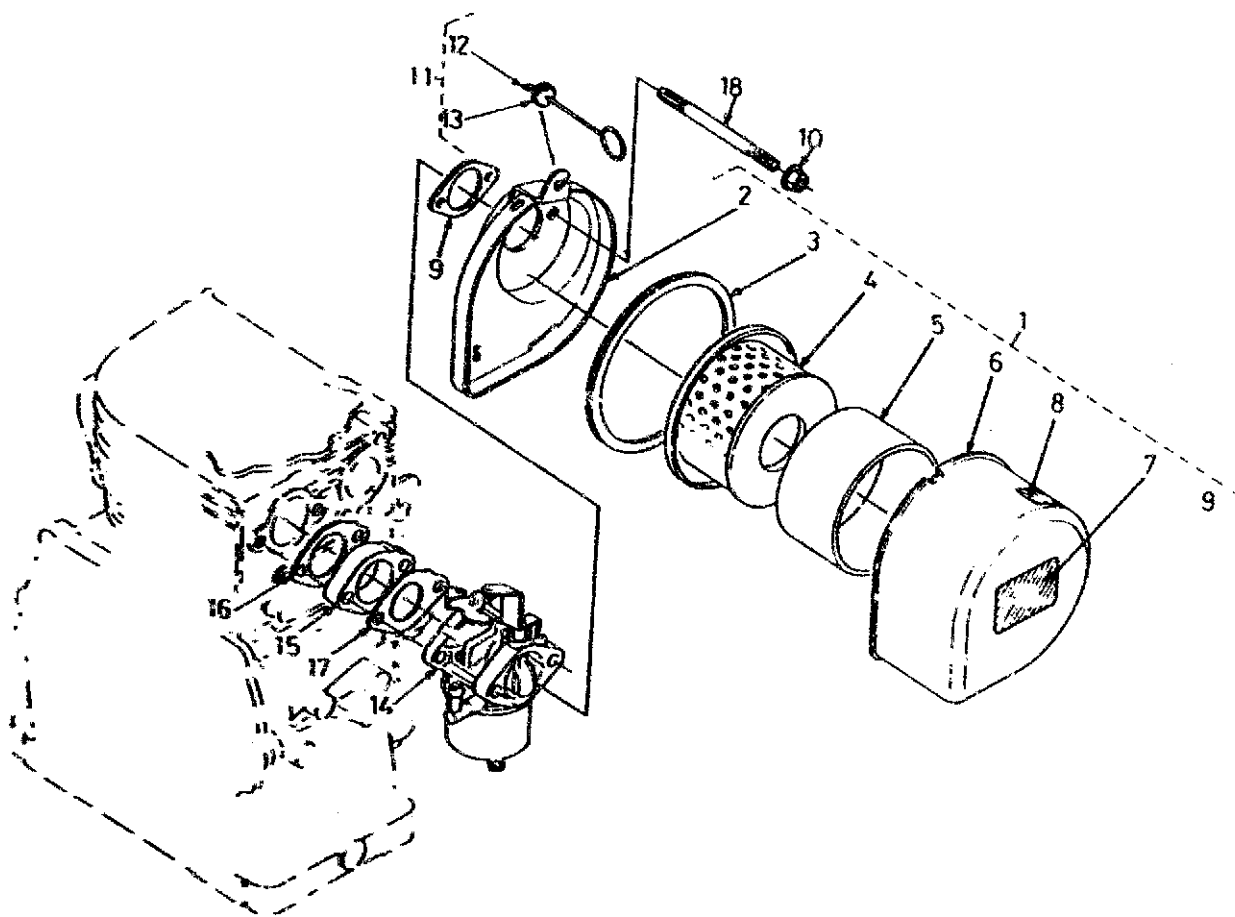
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3804	1	Assy Crankcase
2	185-3734	1	Gasket,Crankcase
3	185-3175	2	Pin,Straight
4	185-3732	8	Bolt
5	185-3221	1	Comp Cylinder
6	185-4113	1	Guide,Inlet Valve
7	185-4114	1	Guide,Exhaust Valve
8	185-3224	1	Assy Watch,Oil
9	185-3015	2	Bolt
10	185-3225	1	Clamp,Cord (1)
11	185-3226	1	Clamp,Cord (1)
12	185-3013	1	Bolt
13	185-4668	1	Cylinder Head
14	185-3736	1	Gasket,Cylinder Head
15	185-3737	6	Bolt,Cylinder Head
16	185-4624	1	Bolt,Cylinder Head
17	185-4673	2	Assy Plug,Oil Filler
18	185-3079	2	Ring
19	185-3656	2	Plug,Drain
20	185-3077	2	Gasket
21	185-4632	1	Stay,Solenoid
22	185-4633	1	Valve
23	185-3015	2	Bolt
24	185-2376	2	Washer,Plain
25	185-4634	1	Rod,Solenoid
26	185-4635	1	Pin,Joint
27	185-3084	1	Pin,Split
28	185-3063	1	Washer,Plain
29	185-5026	1	Spring

Breather



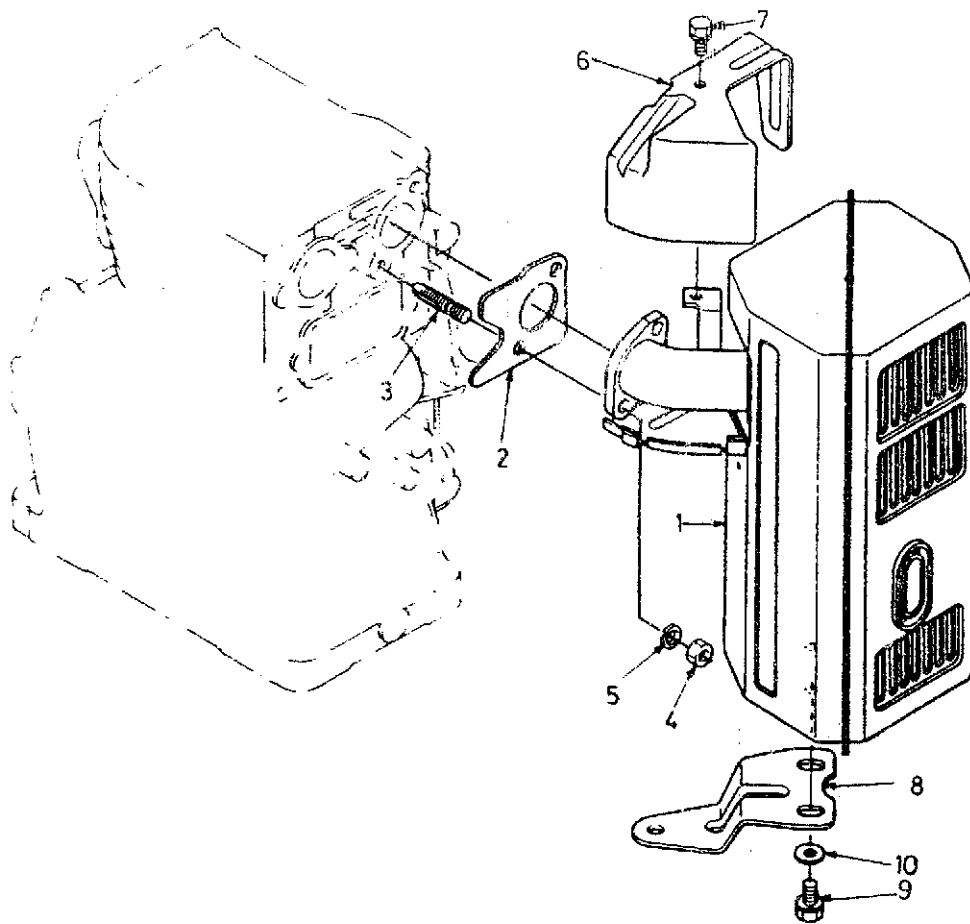
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4672	1	Comp Breather
2	185-3744	1	Valve, Inlet
3	185-3749	1	Valve, Exhaust-Export
4	185-3430	2	Spring, Valve
5	185-3431	2	Retainer, Valve Sp
6	185-3171	2	Collet, Valve Spring
7	185-4655	1	Cover, Tappet Case
8	185-4656	1	Gasket
9	185-3538	2	Bolt
10	185-1625	1	Pipe, Breather

Air Cleaner



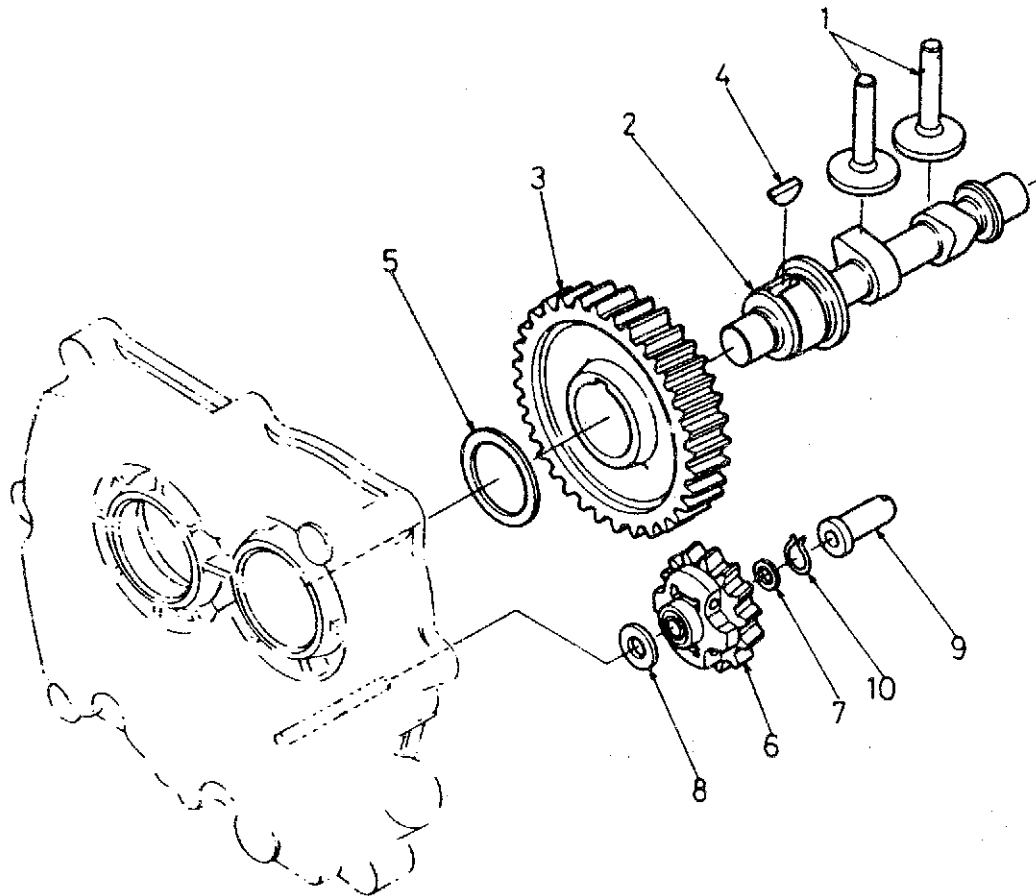
Ref. No.	Part No.	Qty. Used	Part Description
1	185-5027	1	Assy Cleaner,Air
2	185-4626	1	Body,Air Cleaner
3	185-3584	1	Plate
4	185-3551	1	Assy Element
5	185-3553	1	Sponge,Air Cleaner
6	185-4627	1	Cover,Air Cleaner
7	185-3607	1	Label,Air Cleaner
8	185-3722	1	Mark,Choke
9	185-3814	1	Gasket,Air Cleaner
10	185-3802	2	Nut
11	185-5028	1	Assy Rod,Choke
12	185-4634	1	Rod,Choke
13	185-3819	1	Cushion,Choke Rod
14	185-4028	1	Assy Carburettor
15	185-3771	1	Flange,Carburetor
16	185-3772	1	Gasket
17	185-3770	1	Gasket
18	185-3800	2	Stud

Muffler



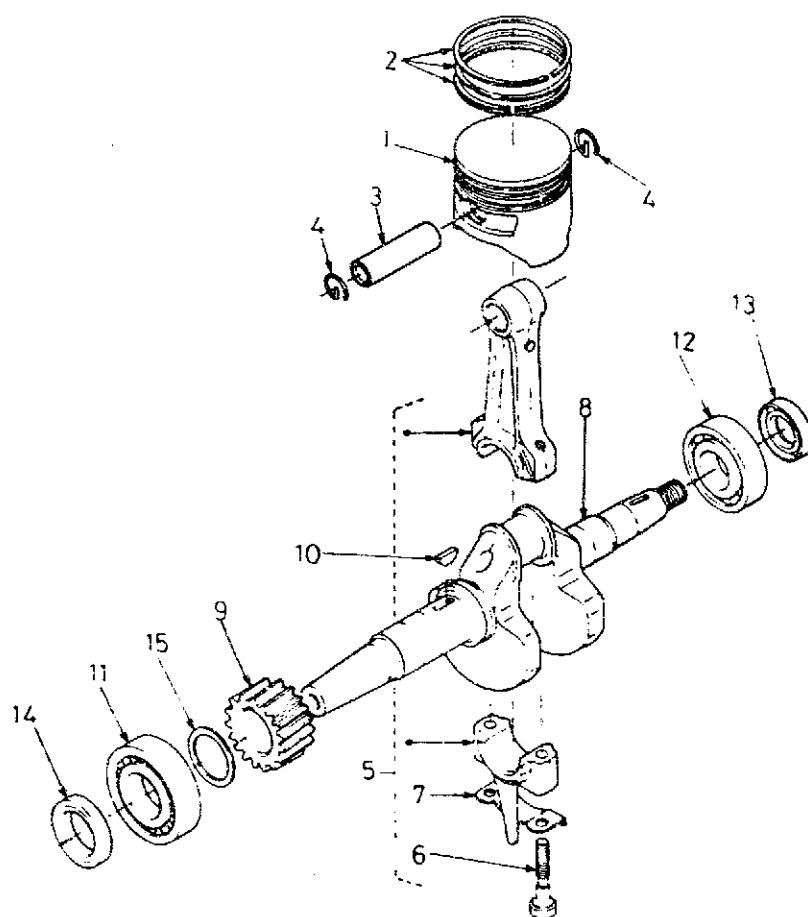
Ref. No.	Part No.	Qty. Used	Part Description
1	185-5029	1	Comp.Muffler
2	185-3741	1	Gasket.Muffler
3	185-3799	2	Stud
4	185-2366	2	Nut
5	185-2381	2	Washer.Spring
6	185-4652	1	Cover.Muffler Flange
7	185-3013	1	Bolt
8	185-4651	1	Stay.Muffler
9	185-3009	2	Bolt
10	185-2777	2	Washer.Plain

Camshaft



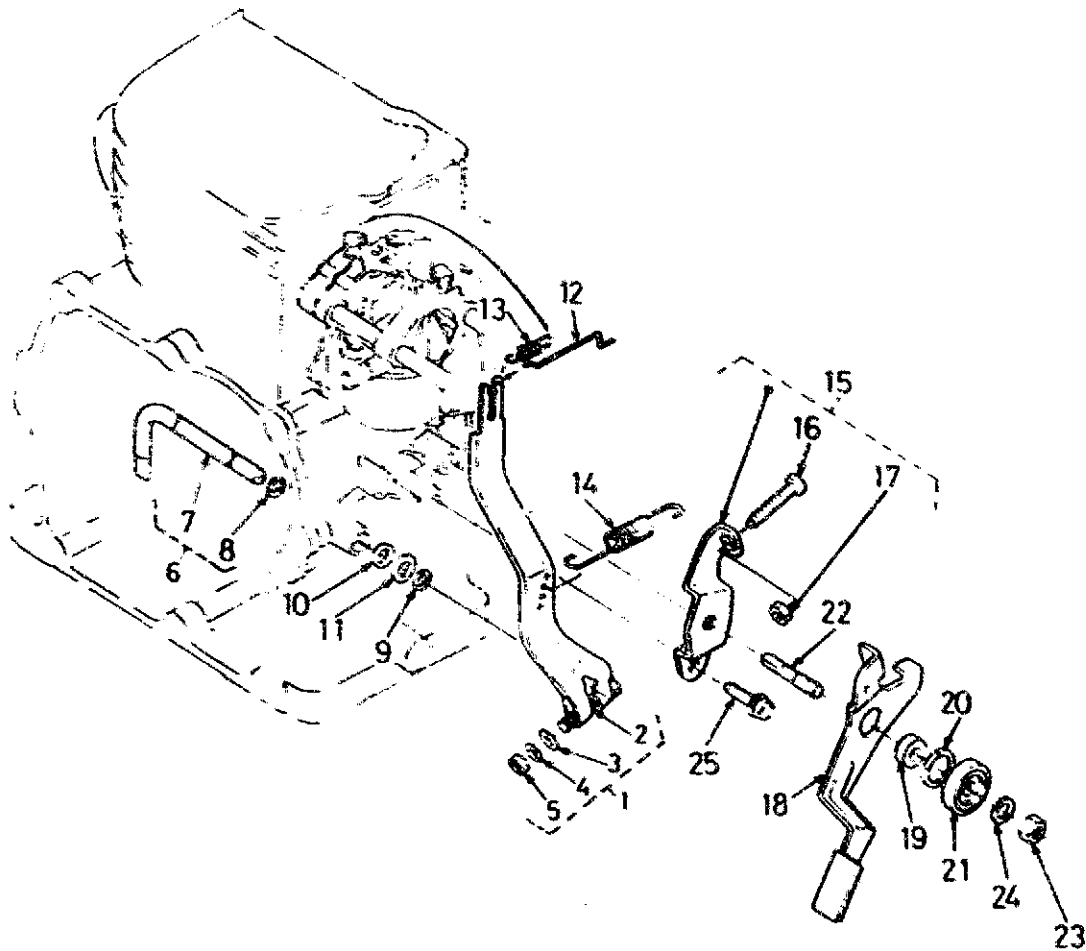
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3750	2	Tappet
2	185-3805	1	Camshaft
3	185-3751	1	Gear,Camshaft
4	185-3088	1	Key,Woodruff
5	185-3511	1	Shim
5	185-3806	1	Shim
5	185-3807	1	Shim
5	185-3808	1	Shim
5	185-3809	1	Shim
6	185-3773	1	Comp Gear,Governor
7	185-3484	1	Washer
8	185-3485	1	Washer
9	185-3774	1	Sleeve,Governor
10	185-3487	1	Stopper

Piston & Crankshaft



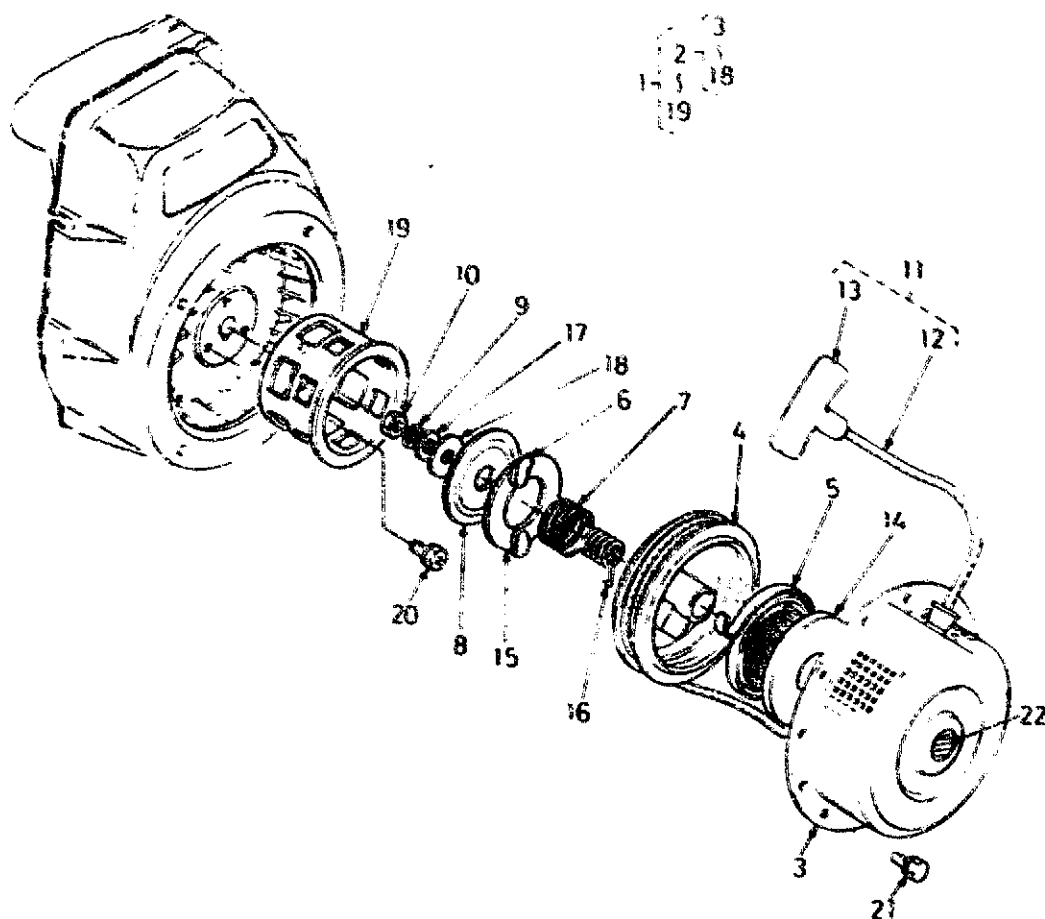
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3754	1	Piston
1	185-4097	1	Piston (+0.5mm)
2	185-3753	1	Assy Piston Ring
2	185-4098	1	Assy Piston Ring (+0.5mm)
3	185-3755	1	Pin,Piston
4	185-3756	2	Cir-Clip.Internal
5	185-3757	1	Assy Connecting Rod
5	185-5030	1	Con Rod.(0.25) Service Set
5	185-5031	1	Con Rod.(0.5) Service Set
6	185-3759	2	Bolt,Connecting Rod
7	185-3760	1	Washer,Rod Bolt
8	185-3817	1	Crankshaft
9	185-3762	1	Gear,Crankshaft
10	185-3088	1	Key,Woodruff
11	185-3095	1	Bearing,Ball
12	185-3096	1	Bearing,Ball
13	185-3761	1	Seal,Oil
14	185-3762	1	Seal,Oil
15	185-3449	1	Shim
15	185-3436	1	Shim
15	185-3446	1	Shim
15	185-3437	1	Shim
15	185-3447	1	Shim

Governor



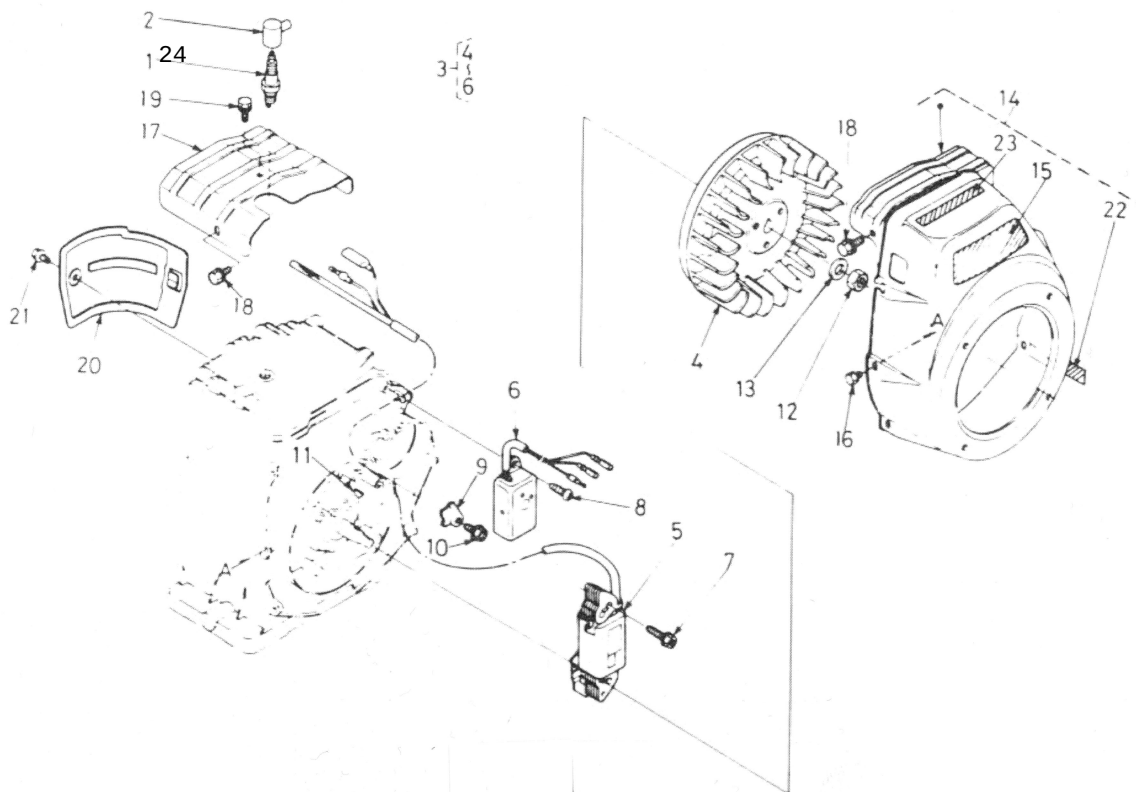
Ref. No.	Part No.	Qty. Used	Part Description
1	185-5032	1	Assy Lever, Governor
2	185-4676	1	Lever, Governor
3	185-2777	1	Washer, Plain
4	185-2381	1	Washer, Spring
5	185-2366	1	Nut
6	185-4856	1	Assy Shaft, Governor
7	185-3776	1	Shaft, Governor-lever
8	185-3074	1	Cir-Clip, External
9	185-3074	1	Cir-Clip, External
10	185-3491	1	Gasket
11	185-3065	1	Washer, Plain
12	185-3777	1	Rod, Governor Joint
13	185-4631	1	Spring, Con/Rod
14	185-5033	1	Spring, Governor
15	185-4636	1	Assy Plate, Control
16	185-4260	1	Screw, Pan Head
17	185-3026	1	Nut
18	185-5034	1	Lever, Speed Control
19	185-3783	1	Collar
20	185-3784	1	Washer, Spring
21	185-3785	1	Plate, Pressure
22	185-3801	1	Stud
23	185-2366	1	Nut
24	185-2381	1	Washer, Spring
25	185-3692	1	Bolt

Recoil Starter



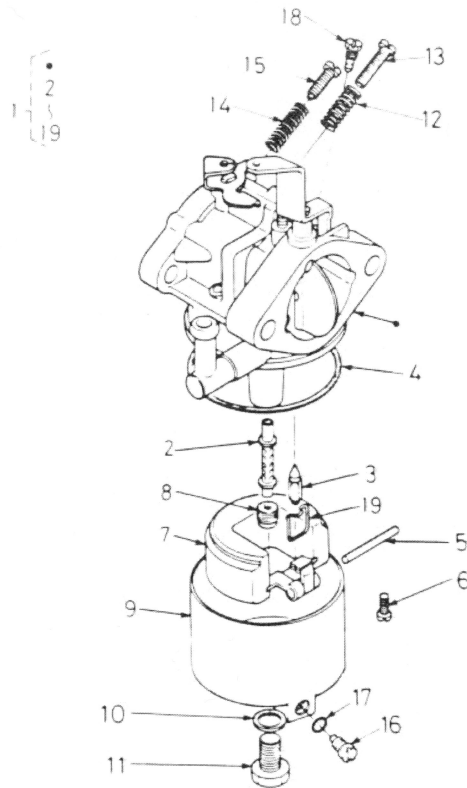
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4638	1	Assy Starter, Recoil
2	185-4639	1	Assy Starter, Rec/Sub
3	185-4643	1	Case, Recoil Starter
4	185-4659	1	Plate, Reel
5	185-4661	1	Spring, Spiral
6	185-4660	2	Rawl
7	185-4664	1	Spring, Friction
8	185-4663	1	Plate, Friction
9	185-2380	1	Washer, Spring
10	185-3025	1	Nut
11	185-4640	1	Assy Rope
12	185-4644	1	Rope, Starter
13	185-4523	1	Knob, Starter
14	185-4641	1	Plate, Thrust A
15	185-4642	1	Plate, Thrust B
16	185-4666	1	Spring, Return
17	185-4665	1	Washer, Thrust
18	185-4662	1	Washer, Thrust
19	185-4645	1	Pulley, Starter
20	185-3009	3	Bolt
21	185-3013	4	Bolt
22	185-4470	1	Label, Electronic

Magneto



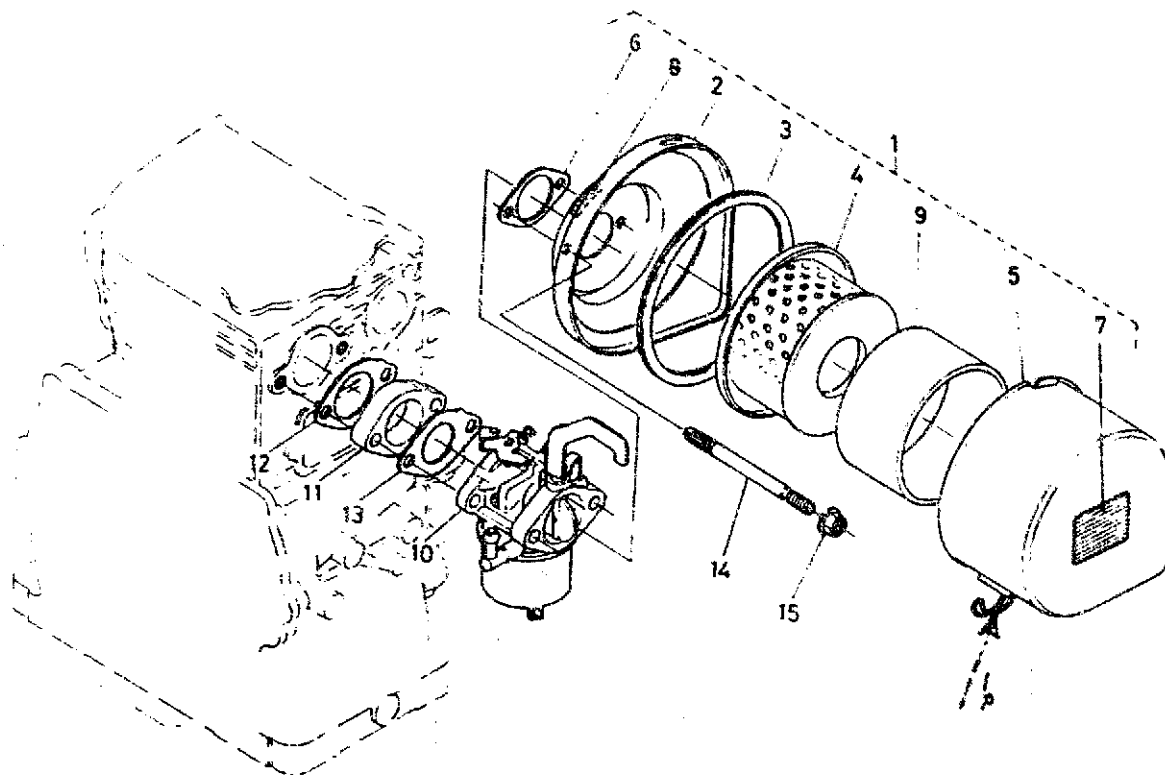
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4540	1	Spark Plug
2	185-3729	1	Cap. Spark Plug
3	185-4646	1	Assy Magneto
4	185-4658	1	Comp Rotor
5	185-4647	1	Comp Coil Ignition
6	185-4648	1	Comp Unit
7	185-3691	2	Bolt
8	185-4761	2	Screw
9	185-3795	1	Clamp Cord
10	185-3692	1	Bolt
11	185-3088	1	Key Woodruff
12	185-3032	1	Nut
13	185-3062	1	Washer Plain
14	185-5035	1	Assy Case Spiral
15	185-4990	1	Label Onan
16	185-3503	6	Bolt
17	185-4650	1	Cover Wind Guide
18	185-4671	4	Bolt
19	185-3013	1	Bolt
20	185-4657	1	Cowling Cylinder
21	185-3692	1	Bolt
22	185-4057	1	Label Japan
23	185-4473	1	Label Caution
24	167-0263-02	1	RL9SYC Spark Plug

Carburetor



Ref. No.	Part No.	Qty. Used	Part Description
1	185-4628	1	Assy Carburettor
2	185-4629	1	Nozzle,Main
3	185-3768	1	Assy Valve.Float
4	185-3668	1	Gasket
5	185-3669	1	Pin,Arm
6	185-4674	1	Screw,Set
7	185-3666	1	Float
8	185-5036	1	Main Jet
9	185-3667	1	Chamber.Float
10	185-3405	1	Gasket
11	185-4078	1	Bolt
12	185-3403	1	Spring
13	185-3173	1	Screw,F-FIL-HD
14	185-3174	1	Spring
15	185-3404	1	Screw,Adjusting
16	185-3670	1	Screw,Drain
17	185-3671	1	O Ring
18	185-4630	1	Pilot Jet
19	185-3769	1	Clip

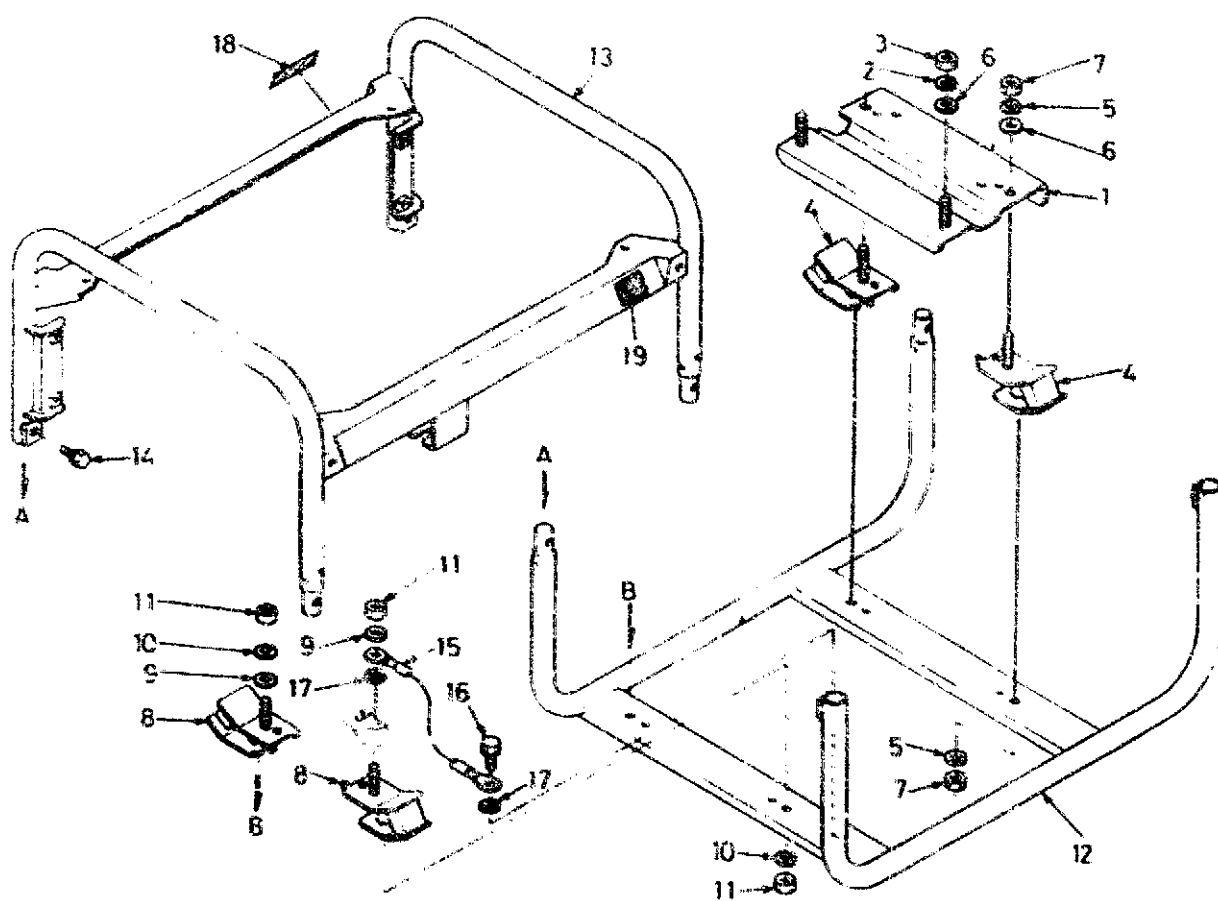
Air Cleaner



Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Cleaner Assy, Air
2	185-3816	1	Body, Air Cleaner
3	185-3584	1	Plate
4	185-3624	2	Element Assy
5	185-3578	1	Cover, Air Cleaner
6	185-3814	1	Gasket
7	185-3607	1	Label, Air Cleaner
8	185-4004	1	Label, Choke
9	185-3553	1	Sponge, Air Cleaner
10	185-3815	1	Carburetor
11	185-3771	1	Flange, Carburetor
12	185-3772	1	Gasket
13	185-3770	1	Gasket, Carburetor
14	185-3800	2	Stud
15	185-3802	2	Nut
16	185-5091	1	clip, Air Cleaner

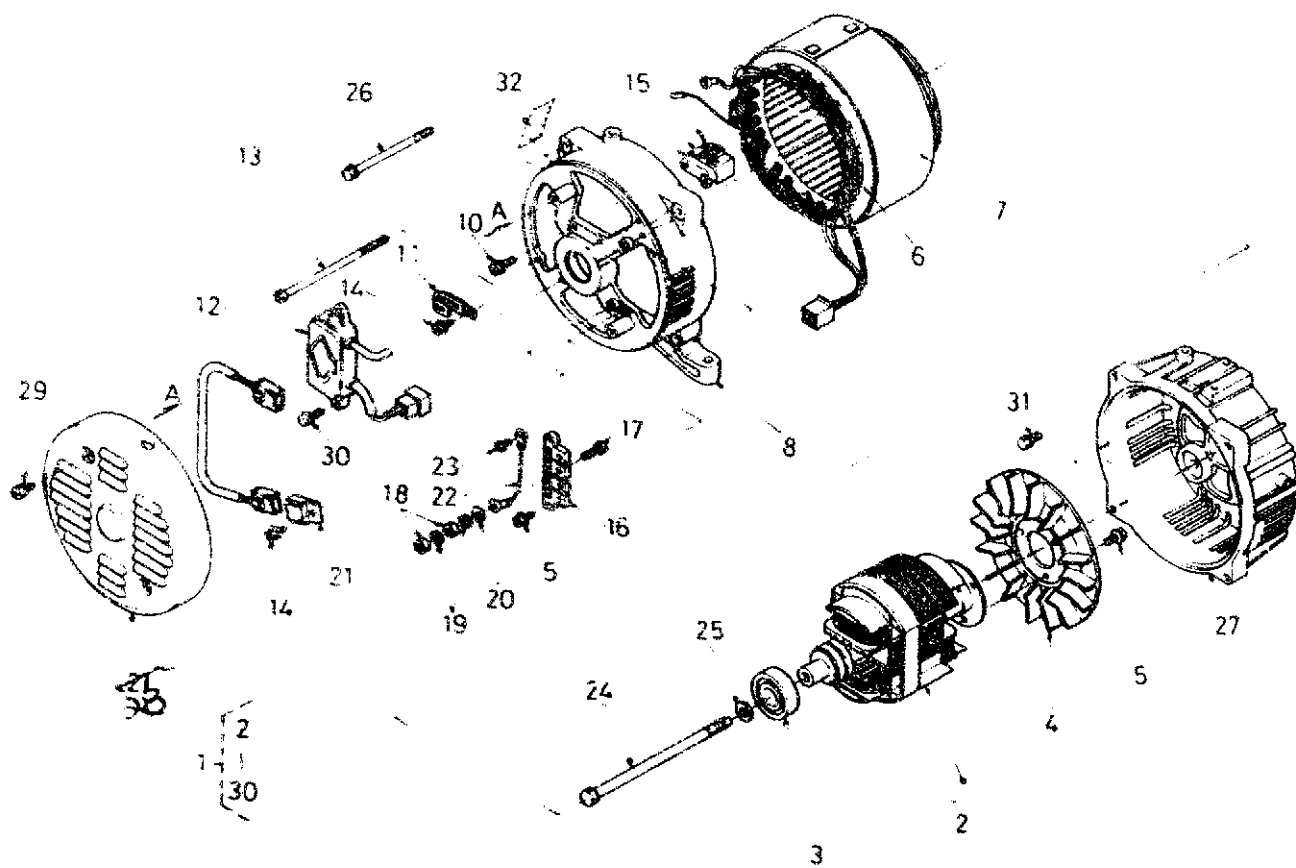
ER 21111 7/27

Frame



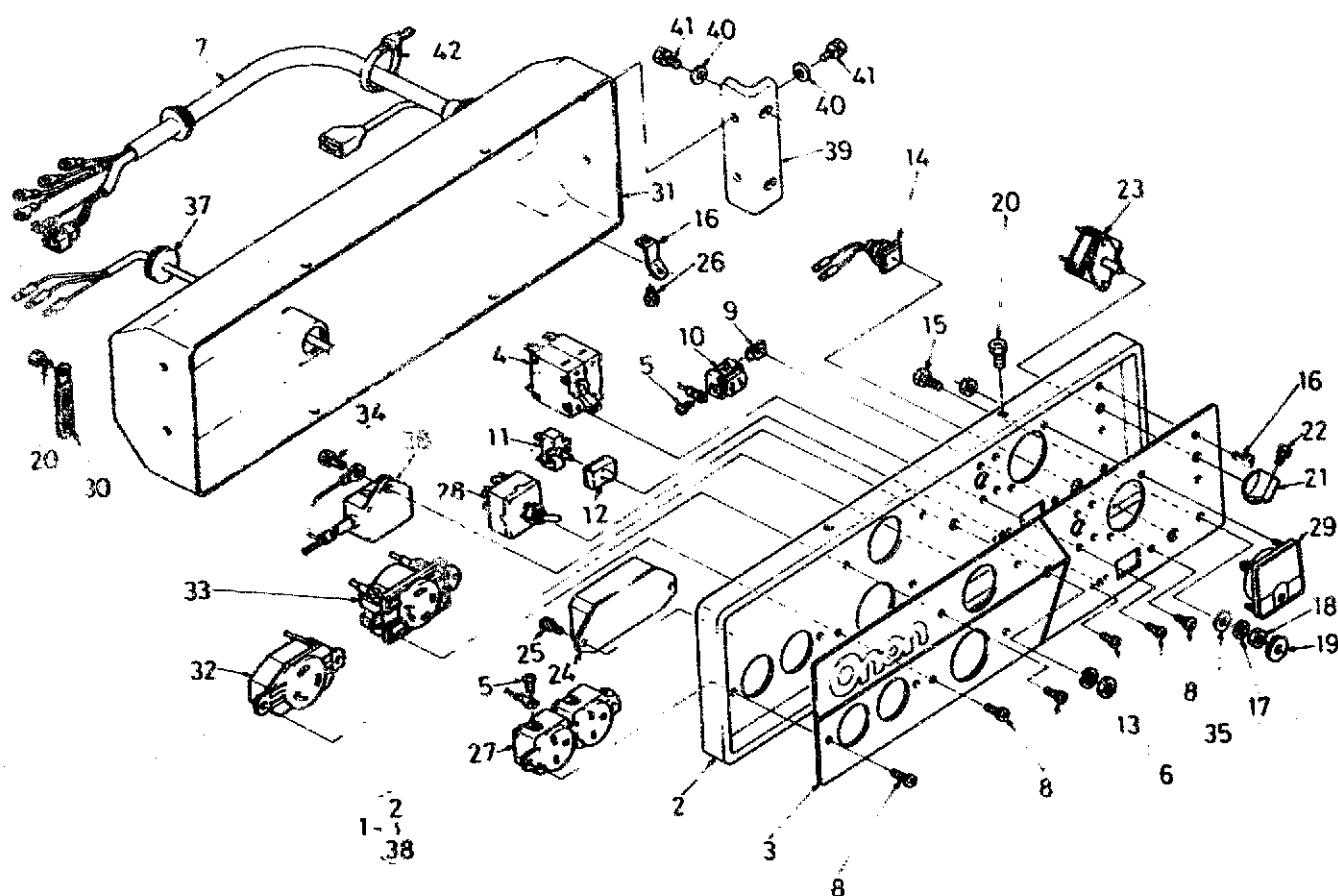
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4693	1	Base, Engine
2	185-3071	2	Washer, Spring
3	185-3036	2	Nut
4	185-4694	2	Cushion
5	185-3071	6	Washer, Spring
6	185-3068	4	Washer, Plain
7	185-3036	4	Nut
8	185-4608	2	Cushion
9	185-2777	2	Washer, Plain
10	185-2381	3	Washer, Spring
11	185-2366	4	Nut
12	185-5037	1	Comp Frame, Pipe
13	185-5038	1	Comp Frame, Pipe
14	185-4073	4	Bolt
15	185-4610	1	Cord
16	185-3009	1	Bolt
17	185-4072	2	Washer Lock, Toothed
18	185-4348	1	Label, Caution
19	185-4351	1	Label

Generator



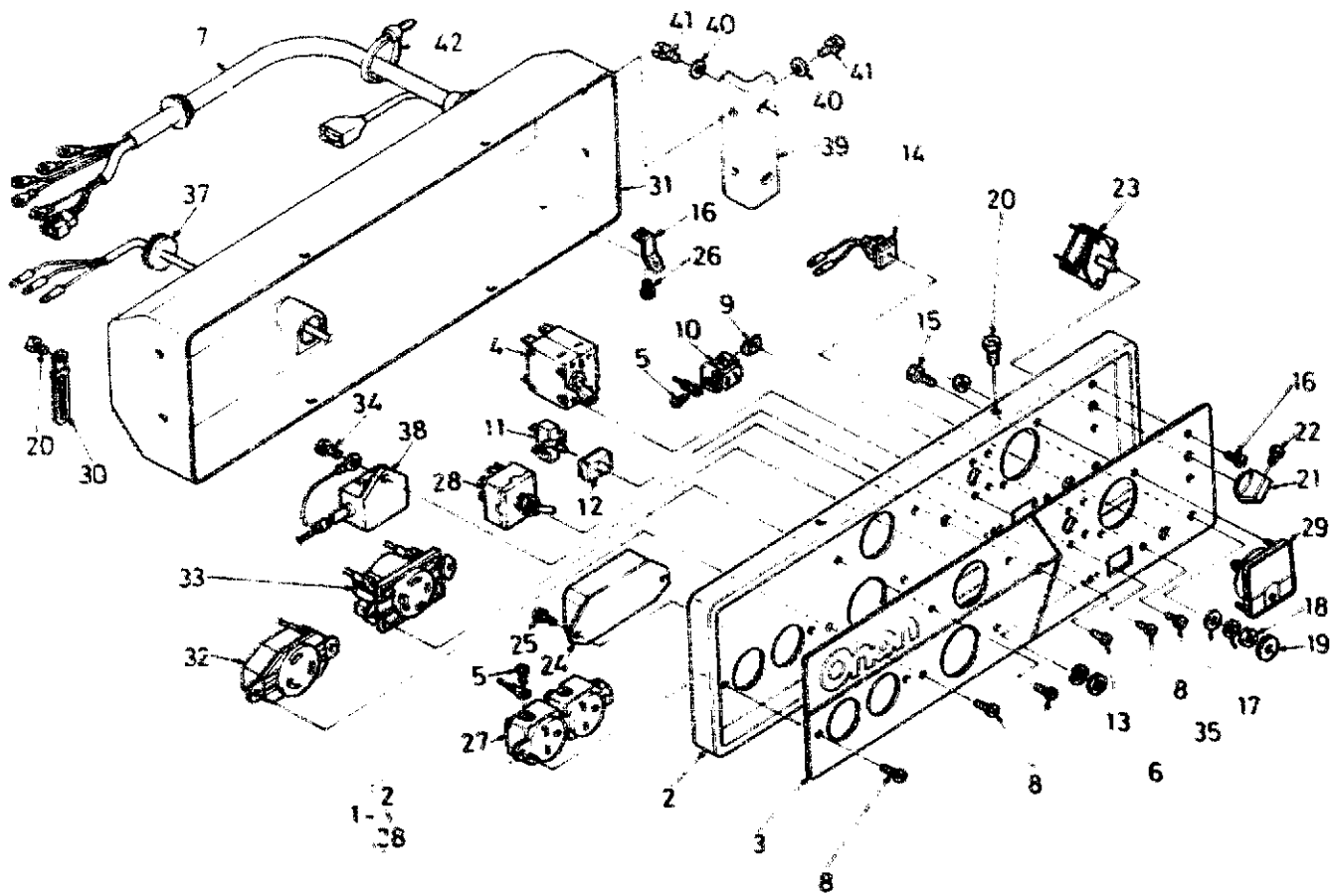
Ref. No.	Part No.	Qty. Used	Part Description
1	185-5068	1	Assy Generator
2	185-5069	1	Assy Rotor
3	185-3097	1	Bearing.Ball
4	185-5041	1	Fan
5	185-4616	3	Bolt
6	185-5070	1	Assy Stator
7	185-5071	1	Band.Cover
8	185-5044	1	Bracket.Rear
9	185-5045	1	Mark
10	185-5074	1	Screw
11	185-3846	1	Plate
12	185-5047	1	Assy Control
13	185-5048	2	Bolt
14	185-5008	2	Screw
15	185-5049	1	Assy Holder.Brush
16	185-5050	1	Assy Terminal
17	185-3853	4	Bolt
18	185-3854	8	Nut
19	185-5007	8	Washer.Spring
20	185-3864	4	Washer.Plain
21	185-5005	1	Diode
22	185-5051	1	W Terminal Cord
23	185-3153	1	Screw
24	185-5072	1	Bolt
25	185-3068	1	Washer.Plain
26	135-5073	4	Bolt
27	185-5054	1	Bracket.Front
28	185-5055	1	Cleaner.Cover
29	185-3852	2	Bolt
30	185-4616	4	Bolt
31	185-2403	4	Bolt
32	185-2061	1	...

Control Box



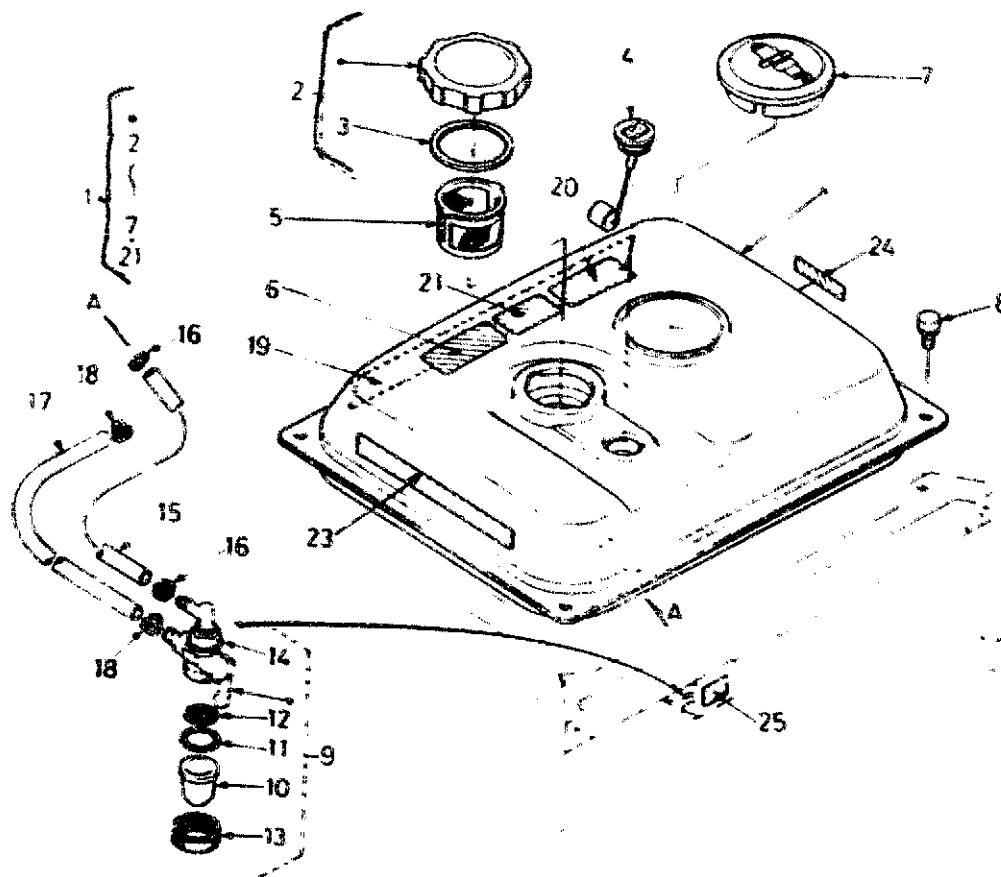
Ref. No.	Part No.	Qty. Used	Part Description
1	185-5075	1	Assy Box.Control
2	185-5057	1	Panel
3	185-5076	1	Plate.Panel
4	185-5077	1	Breaker
5	185-3951	7	Screw.With Washer
6	185-4620	4	Screw.Pan Head
7	185-5060	1	Wire Harness
8	185-4301	7	Screw.Pan Head
9	185-3849	1	Plate.S
10	185-3921	1	Assy Receptacle
11	185-5061	1	Breaker.Circuit
12	185-4615	1	Cap
13	185-4913	2	Screw.Pan Head
14	185-4596	1	Assy Lamp
15	185-3850	1	Bolt
16	185-4687	1	Holder
17	185-2380	1	Washer.Spring
18	185-3026	1	Nut
19	185-4053	1	Nut
20	185-4603	5	Bolt
21	185-3883	1	Knob
22	185-3884	1	Screw
23	185-4688	1	Switch
24	185-5062	1	Assy Idler
25	185-4622	2	Screw.Pan Head
26	185-4602	1	Screw.With Washer
27	185-4573	1	Receptacle
28	185-4689	1	Switch
29	185-5063	1	V Meter
30	185-3846	1	Plate

Control Box



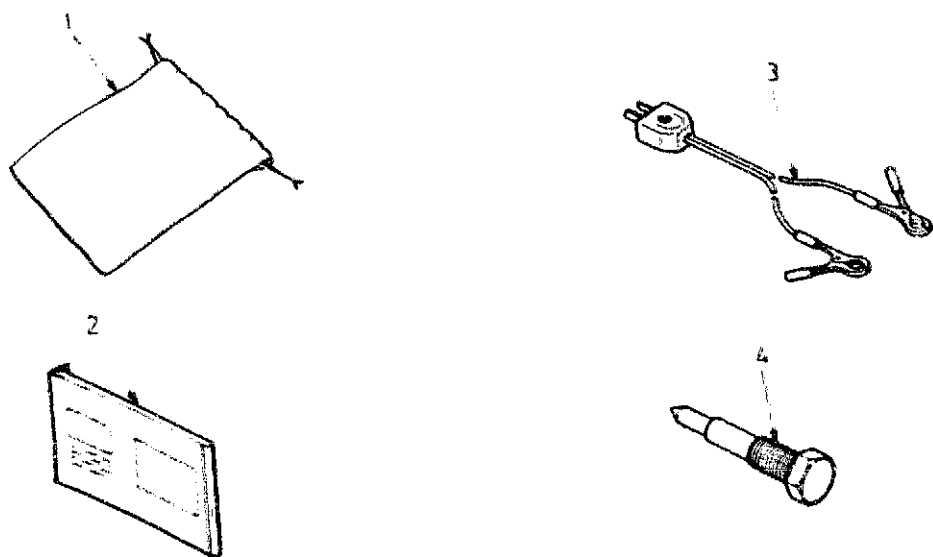
Ref. No.	Part No.	Qty. Used	Part Description
31	185-4588	1	Cover
32	185-4031	1	Receptacle
33	185-4032	1	Receptacle
34	185-4604	1	Screw
35	185-2376	1	Washer.Plain
36	185-4621	2	Screw.Pan Head
37	185-4600	1	Grommet
38	185-4699	1	Assy Unit.Oil Watch
39	185-4609	2	Holder.Control
40	185-4921	8	Washer.Plain
41	185-2386	8	Bolt
42	185-4678	1	Binder

Fuel Tank



Ref. No.	Part No.	Qty. Used	Part Description
1	185-5064	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	185-3592	1	Filter
6	185-4474	1	Label
7	185-4542	1	Cover.Spark Plug
8	185-3503	4	Bolt
9	185-4698	1	Assy Filter.Fuel
10	185-3819	1	Pot.Filter
11	185-3820	1	Gasket
12	185-3821	1	Element.Filter
13	185-3822	1	Nut.Ring
14	185-4854	1	Nut
15	185-4538	1	Pipe.Fuel
16	185-3372	2	Clip.Fuel Pipe
17	185-4708	1	Pipe.Fuel
18	185-3372	2	Clip.Fuel Pipe
19	185-5022	1	Label
20	185-5078	1	Label
21	185-4341	1	Label
22	185-5079	1	Label.Cord
23	185-5080	1	Label.Generator
24	185-3997	1	Label.Auto Idler
25	185-4349	1	Label.Cock

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	185-4103	1	Bolt, Rotor-Puller

Cummins **Onan**

Cummins Power Generation

1400 73rd Ave. NE
Minneapolis, MN 55432 USA

Phone 1 763 574 5000

Toll-free 1 800 888 6626

Fax 1 763 574 5298

Email www.cumminsonan.com/contact
www.cumminsonan.com

Cummins®, Onan®, the "C" logo, and "Performance you rely on." are trademarks of Cummins Inc.

©2010 Cummins Power Generation, Inc. All rights reserved.

