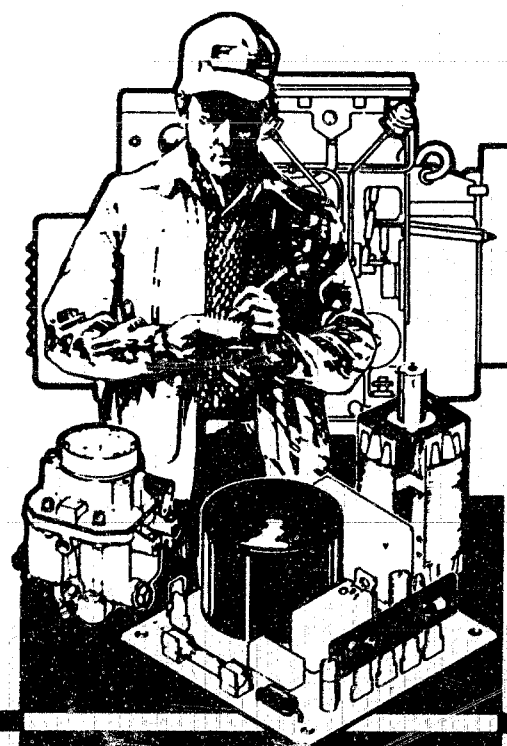


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numbers, or doesn't
have any numbers.
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leave the page
numbering in the
order that Acrobat
assigns it.

Onan

Parts Manual 3.0 KN GenSet



Onan Service Parts

981-0230

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14	Holder Assy, Brush	5	Valve, Exhaust
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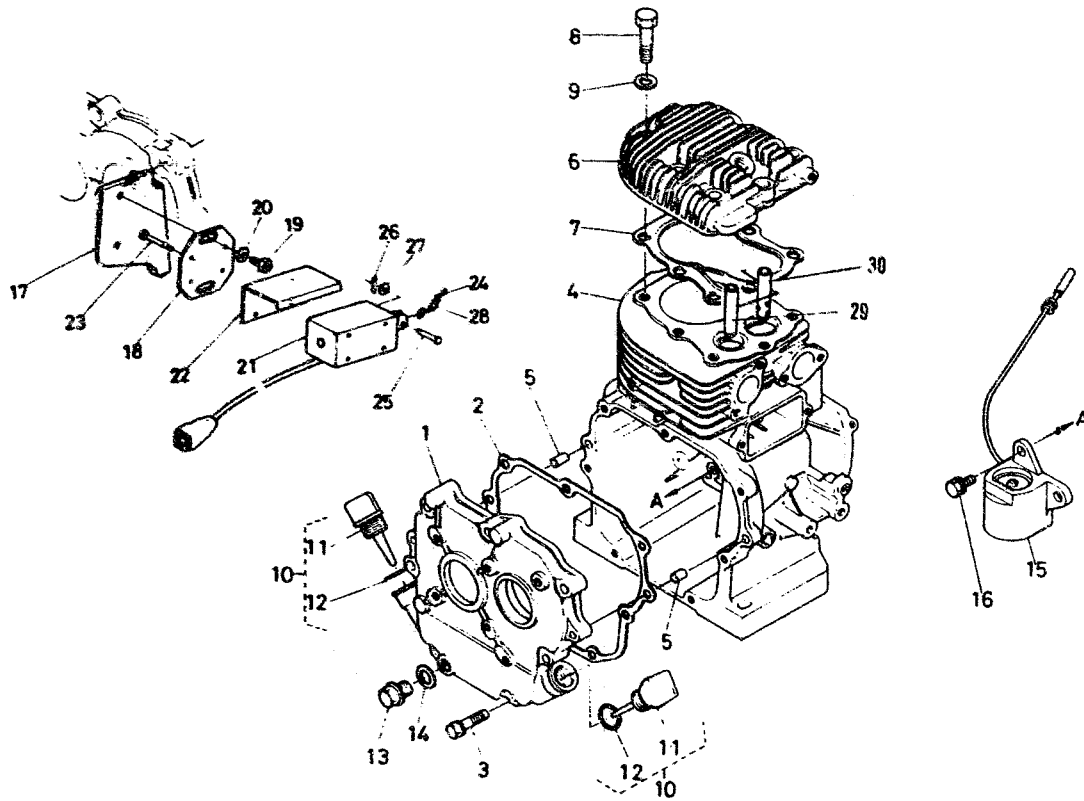
Introduction

This catalog applies to the KN 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.

Abbreviations

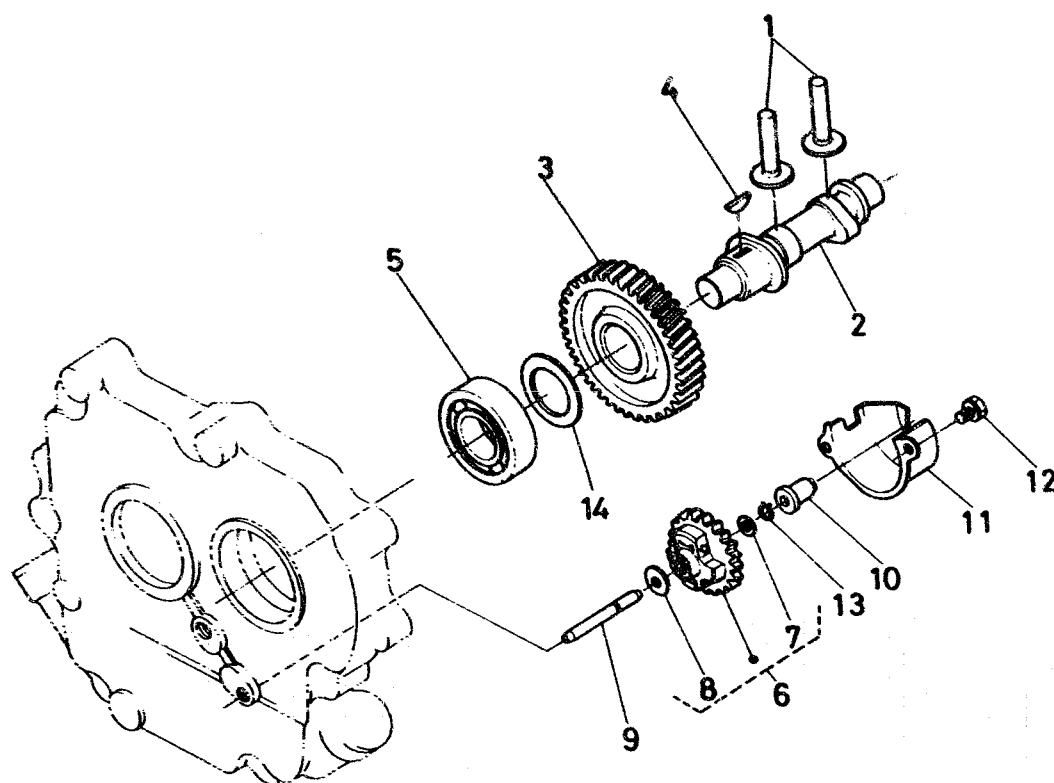
NFS - Not For Sale

Cylinder



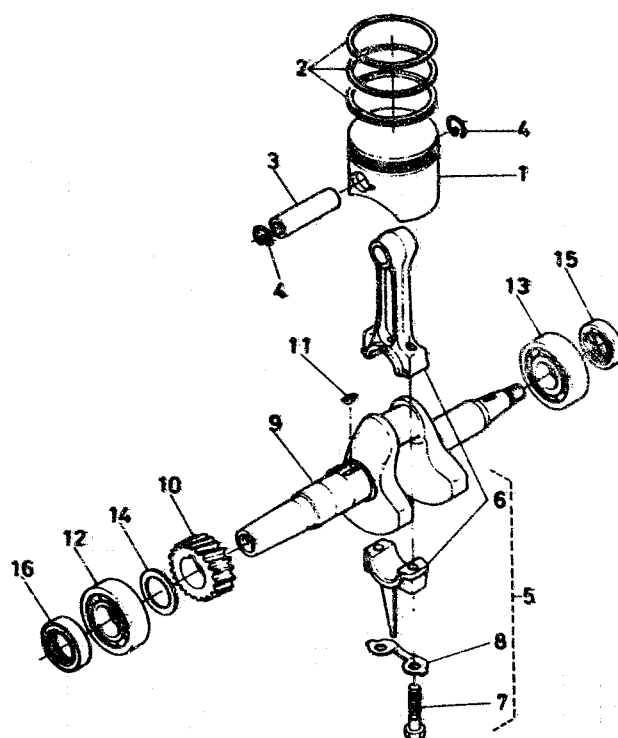
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3509	1	Crankcase
2	185-3423	1	Gasket, Side Cover
3	185-3732	7	Bolt
4	185-3158	1	Cylinder
5	185-3175	2	Pin, Straight
6	185-3424	1	Head, Cylinder
7	185-3425	1	Gasket
8	185-3011	7	Bolt
9	185-3426	7	Washer, Plain
10	185-3451	2	Plug Assy, Oil Filler
11	185-3451	2	Plug, Oil Filler
12	185-3079	2	Ring, O
13	185-3453	1	Plug, Drain
14	185-3076	1	Gasket
15	185-3224	1	Watch Assy, Oil
16	185-2387	2	Bolt
17	185-4051	1	Stay
18	185-3613	1	Plate
19	185-2388	2	Bolt
20	185-2376	2	Washer, Plain
21	185-3614	1	Solenoid
22	185-3615	1	Cover, Solenoid
23	185-3059	4	Screw
24	185-3228	1	Rod
25	185-3618	1	Pin
26	185-3084	1	Pin, Split
27	185-3063	1	Washer, Plain
28	185-3694	1	Spring
29	185-4112	1	Guide, Exhaust Valve
30	185-4111	1	Guide, Inlet Valve

Camshaft



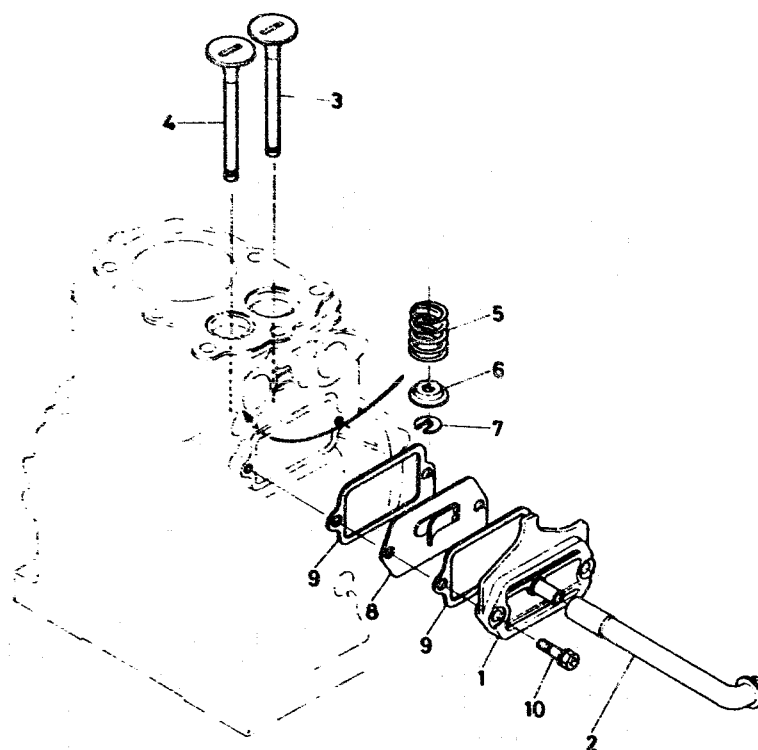
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3434	2	Tappet
2	185-3510	1	Camshaft
3	185-3435	1	Gear, Camshaft
4	185-3507	1	Key, Woodruff
5	185-3090	1	Bearing, Ball
6	185-3482	1	Gear Assy, Governor
7	185-3484	1	Washer 1
8	185-3485	1	Washer 2
9	185-3483	1	Shaft, Governor
10	185-3675	1	Sleeve, Governor
11	185-3486	1	Cover, Governor Gear
12	185-3013	2	Bolt
13	185-3487	1	Stopper
14	185-3511	1	Shim 20

Crankshaft



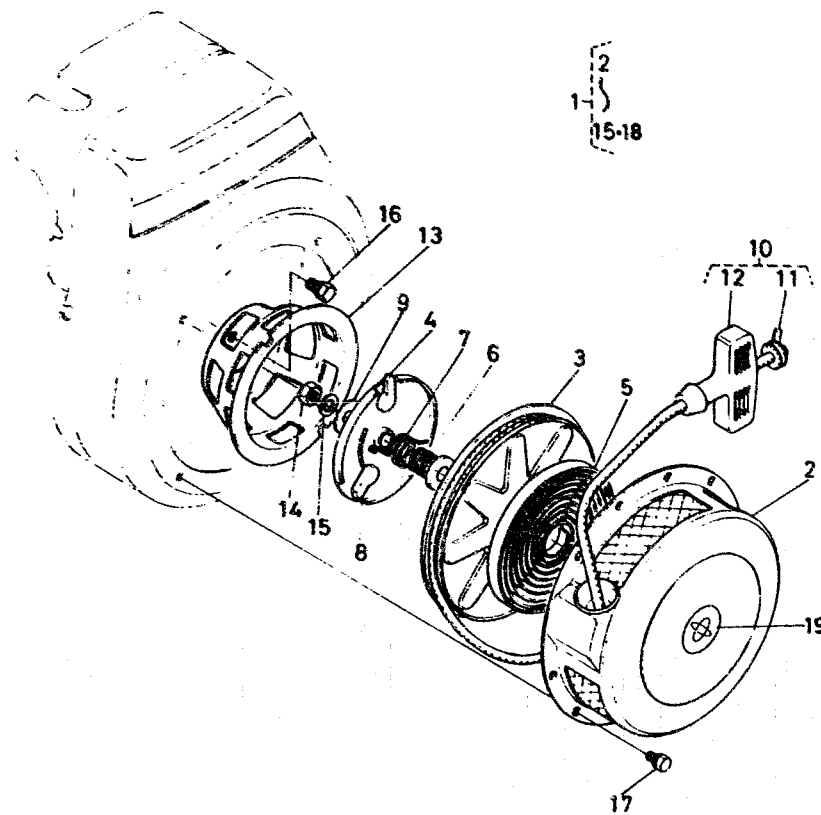
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3439	1	Piston
1	185-4093	1	Piston .5 mm Oversize
1	185-4107	1	Piston 1 mm Oversize
2	185-3438	1	Ring Assy, Piston
2	185-4094	1	Ring Assy, Piston .5 mm Oversize
2	185-4108	1	Ring Assy, Piston 1 mm Oversize
3	185-3440	1	Pin, Piston
4	185-3441	2	Cir-Clip, Internal
5	185-3442	1	Rod Assy, Connecting
6	185-3442	1	Rod, Connecting
7	185-3444	2	Bolt, Connecting Rod
8	185-3445	1	Washer
9	185-3557	1	Crankshaft
10	185-3450	1	Gear, Crankshaft
11	185-3507	1	Key, Woodruff
12	185-3095	1	Bearing, Ball
13	185-3096	1	Bearing, Ball
14	185-3449	1	Shim 20
14	185-3436	1	Shim 25
14	185-3446	1	Shim 30
14	185-3437	1	Shim 35
14	185-3447	1	Shim 40
14	185-3448	1	Shim 50
15	185-3100	1	Seal, Oil
16	185-3512	1	Seal, Oil

Breather And Valves



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3427	1	Breather Assy
2	185-3550	1	Pipe, Breather
3	185-3428	1	Valve, Inlet
4	185-3429	1	Valve, Exhaust
5	185-3430	2	Spring, Valve
6	185-3431	2	Retainer, Valve Spring
7	185-3171	2	Collet, Valve Spring
8	185-3432	1	Cover, Tappet Case
9	185-3433	2	Gasket
10	185-2391	2	Bolt

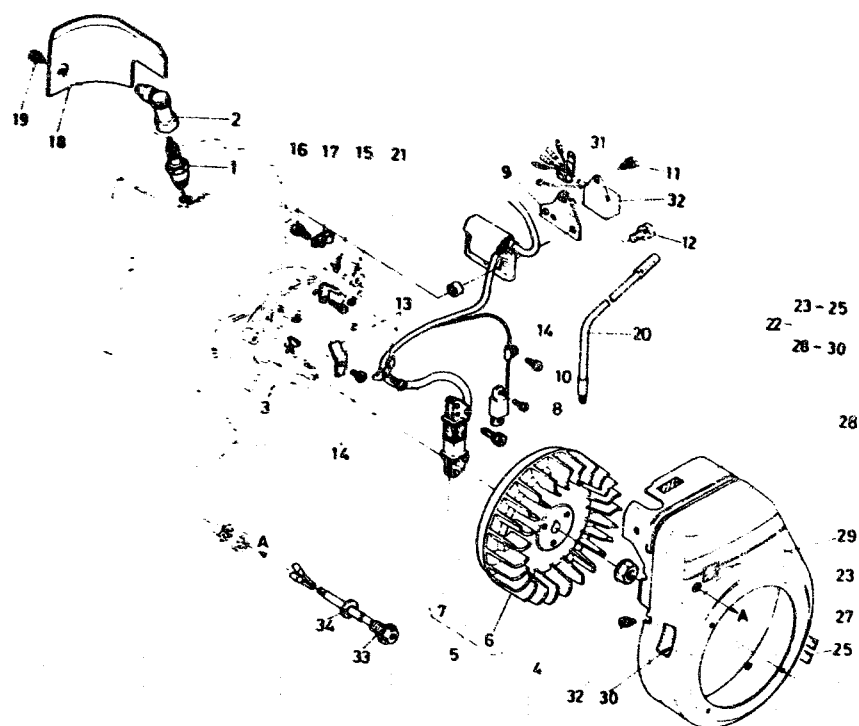
Recoil Starter



Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Starter Assv. Recoil
2	185-3618	1	*Case, Starter
3	185-3567	1	*Reel
4	185-3568	3	*Claw
5	185-3569	1	*Spring, Spiral
6	185-3571	1	*Spring
7	185-3574	1	*Spring
8	185-3570	1	*Plate, Pressure
9	185-3572	1	*Washer, Thrust
10	185-3497	1	*Rope Assy
11	185-3498	1	*Rope
12	185-3497	1	*Handle
13	185-3572	1	Pulley, Start
14	185-3028	1	*Nut
15	185-2381	1	*Washer, Spring
16	185-3009	3	Bolt
17	185-3013	4	Bolt
18	185-3202	1	Starter Assy, Recoil Sub (Includes Parts Marked *)
19	185-3606	1	Label, Ignition

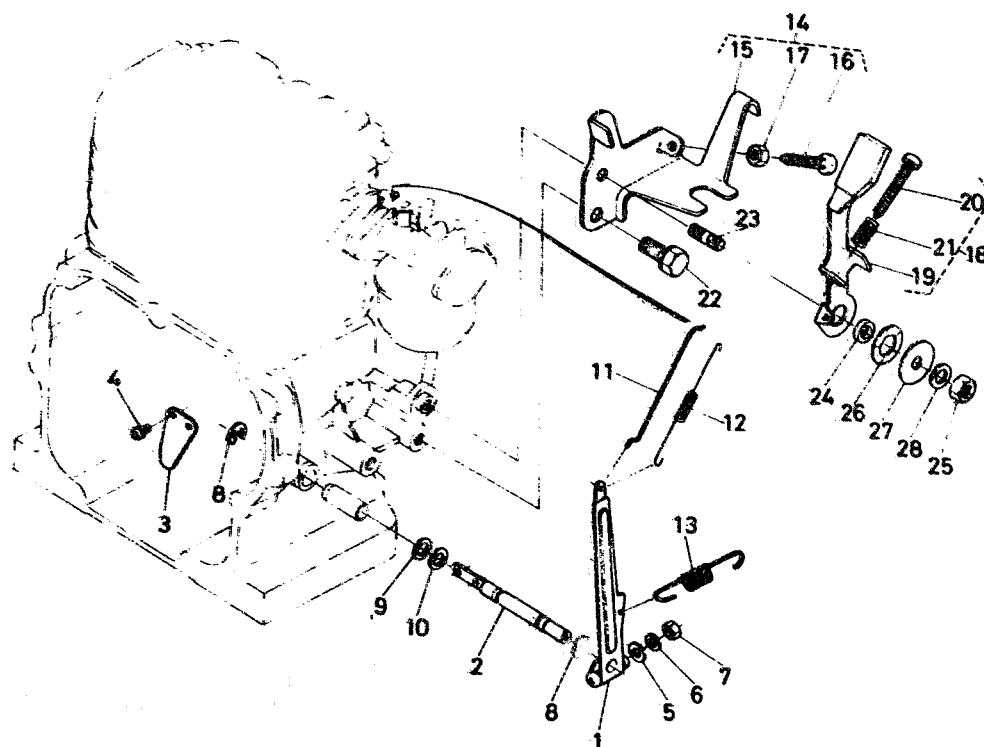
* Parts included in 185-3202 Recoil Starter Sub Assembly

Magneto



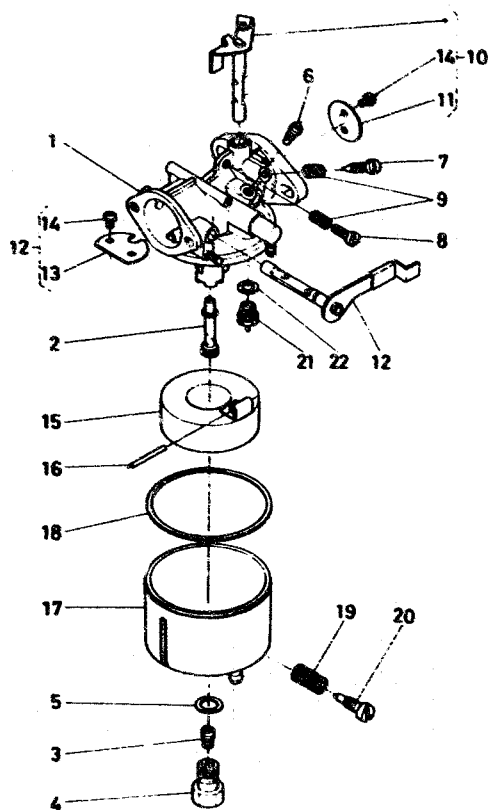
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3524	1	Plug. Spark
2	185-3729	1	Cap. Spark Plug
3	185-3088	1	Key. Woodruff
4	185-3513	1	Nut
5	NFS	1	Magneto Assv
6	185-3160	1	Rotor
7	185-3161	1	Coil Assv
8	185-2392	2	Bolt
9	185-3537	1	Stay. Unit
10	185-3045	2	Screw
11	185-2387	2	Bolt
12	185-3008	2	Bolt
13	185-3518	2	Clamp. Cord
14	185-3042	3	Screw
15	185-3500	1	Cover
16	185-2386	1	Bolt
17	185-3797	1	Clamp. Cord
18	185-3621	1	Cowling. Cylinder
19	185-3503	5	Bolt
20	185-3576	1	Wire. Reed
21	185-3692	1	Bolt
22	185-3619	1	Case Assv. Spiral
23	185-3619	1	Case. Spiral
25	185-4057	1	Label. MFD
27	185-3540	1	Label
28	185-4005	1	Label. Caution
29	185-4054	1	Label. Oil Watch
30	185-3199	1	Label. Speed
31	185-3797	1	Clamp. Cord
32	185-3234	1	Unit Assv. Oil Watch
33	185-3188	1	Lamp Assv. Oil Watch
34	185-3075	1	Gasket

Governor



Ret. No.	Part No.	Qty. Used	Part Description
1	185-3489	1	Lever, Governor
2	185-3490	1	Shaft, Governor Lever
3	185-3492	1	Rocker, Governor
4	185-3043	2	Screw
5	185-2376	1	Washer, Plain
6	185-2380	1	Washer, Spring
7	185-3026	1	Nut
8	185-3074	2	Cir-Clip, External
9	185-3491	1	Gasket
10	185-2777	1	Washer, Plain
11	185-3493	1	Rod, Connecting
12	185-3494	1	Spring
13	185-3495	1	Spring
14	185-3562	1	Plate Assy, Speed Control(Optional)
15	185-3562	1	Plate, Speed Control
16	185-3385	1	Screw
17	185-3026	1	Nut
18	185-3563	1	Lever Assy, Speed Control(Optional)
19	185-3563	1	Lever, Speed Control
20	185-3387	1	Screw
21	185-3496	1	Spring
22	185-2400	1	Bolt
23	185-3022	1	Stud
24	185-3381	1	Collar
25	185-3026	1	Nut
26	185-3566	1	Washer, Spring
27	185-3382	1	Plate, Pressure
28	185-2380	1	Washer, Spring

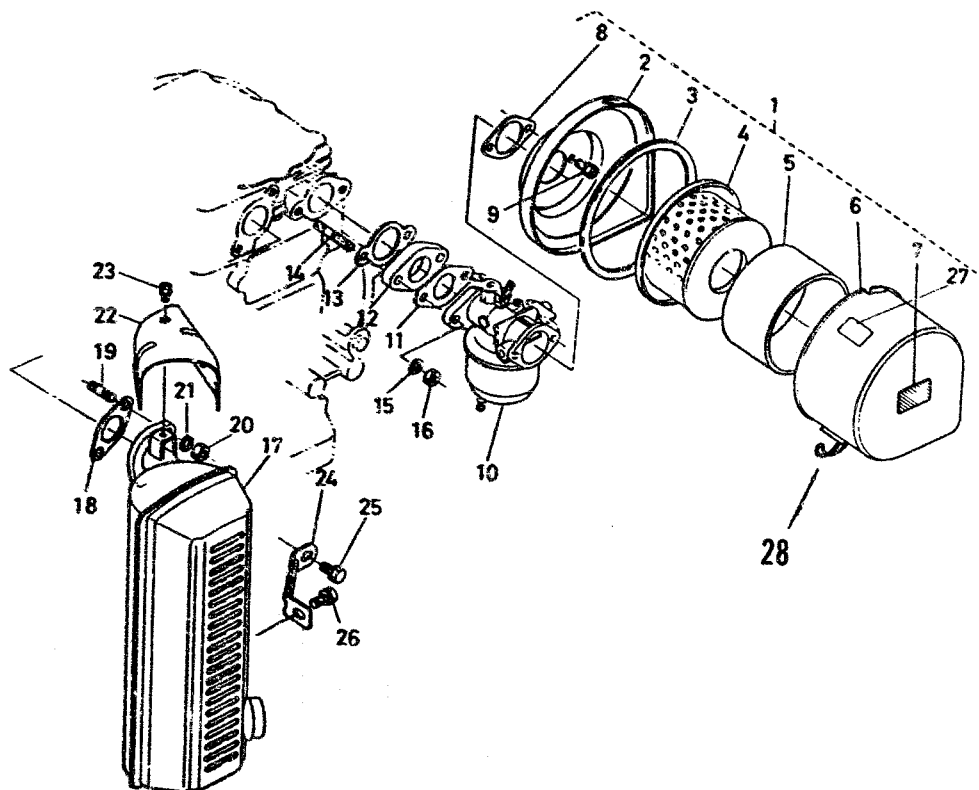
Carburetor



Ref. No.	Part No.	Qty. Used	Part Description
	185-3163	1	Carburetor Assy (Includes Items 1-22)
1	185-3163	1	Body, Carburetor
2	185-3535	1	Nozzle, Main
3	185-3517	1	Jet, Main
4	185-3471	1	Holder, Main Jet
5	NFS	1	*Gasket
6	185-3468	1	Jet, Pilot
7	NFS	1	*Screw, Pilot
8	185-3470	1	Screw, Idle
9	NFS	2	*Spring
10	185-3473	1	Shaft, Throttle
11	185-3165	1	Valve, Throttle
12	185-3515	1	Shaft, Choke
13	185-3536	1	Valve, Choke
14	NFS	4	*Screw, with Washer
15	185-3474	1	Float Assy
16	NFS	1	*Pin, Float
17	185-3475	1	Chamber, Float
18	NFS	1	*Gasket, F-Chamber
19	185-3265	1	Spring
20	185-3266	1	Screw, Drain
21	NFS	1	*Valve, Needle
22	NFS	1	*Gasket
	185-4128	1	Kit, Carb Repair (Includes Parts Marked * Plus Mtg Gaskets)

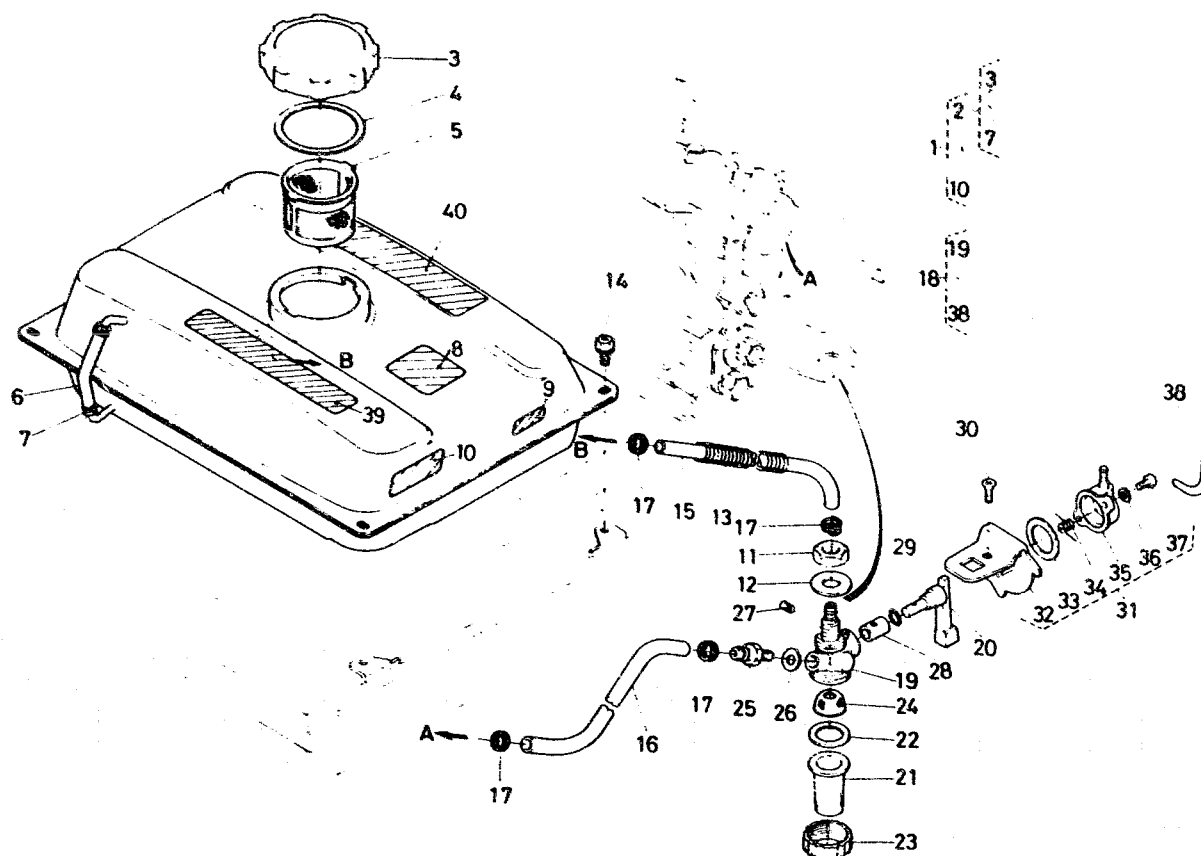
* Parts included in 185-4128 Carburetor Repair Kit

Air Cleaner And Muffler



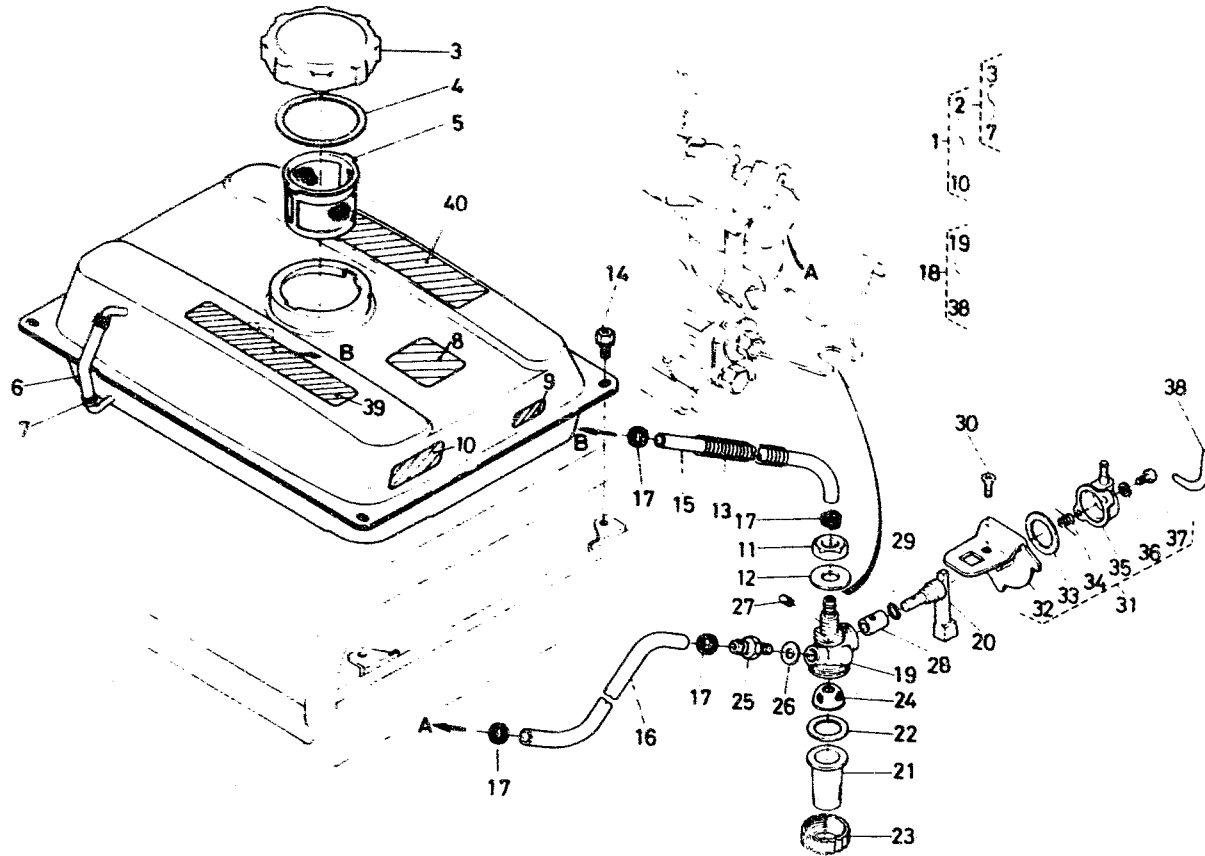
Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Cleaner Assy, Air
2	185-3552	1	Body, Air Cleaner
3	185-3584	1	Plate
4	185-3551	1	Element Assy
5	185-3553	1	Sponge, Air Cleaner
6	185-3578	1	Cover, Air Cleaner
7	185-3607	1	Label, Air Cleaner
8	185-3554	1	Gasket, Air Cleaner
9	185-2386	2	Bolt
10	185-3163	1	Carburetor Assy
11	185-3479	1	Gasket, Carburetor
12	185-3480	1	Flange, Carburetor
13	185-3481	1	Gasket
14	185-3024	2	Stud
15	185-2380	2	Washer, Spring
16	185-3026	2	Nut
17	185-3611	1	Muffler
18	185-3172	1	Gasket, Muffler
19	185-3506	2	Stud
20	185-3033	2	Nut
21	185-2381	2	Washer, Spring
22	185-3555	1	Cover, Muffler Flange
23	185-3013	1	Bolt
24	185-3556	1	Stay, Muffler
25	185-2400	1	Bolt
26	185-3009	1	Bolt
27	185-4066	1	Label, Choke
28	185-5091	1	Clip, Air Cleaner

Fuel Tank



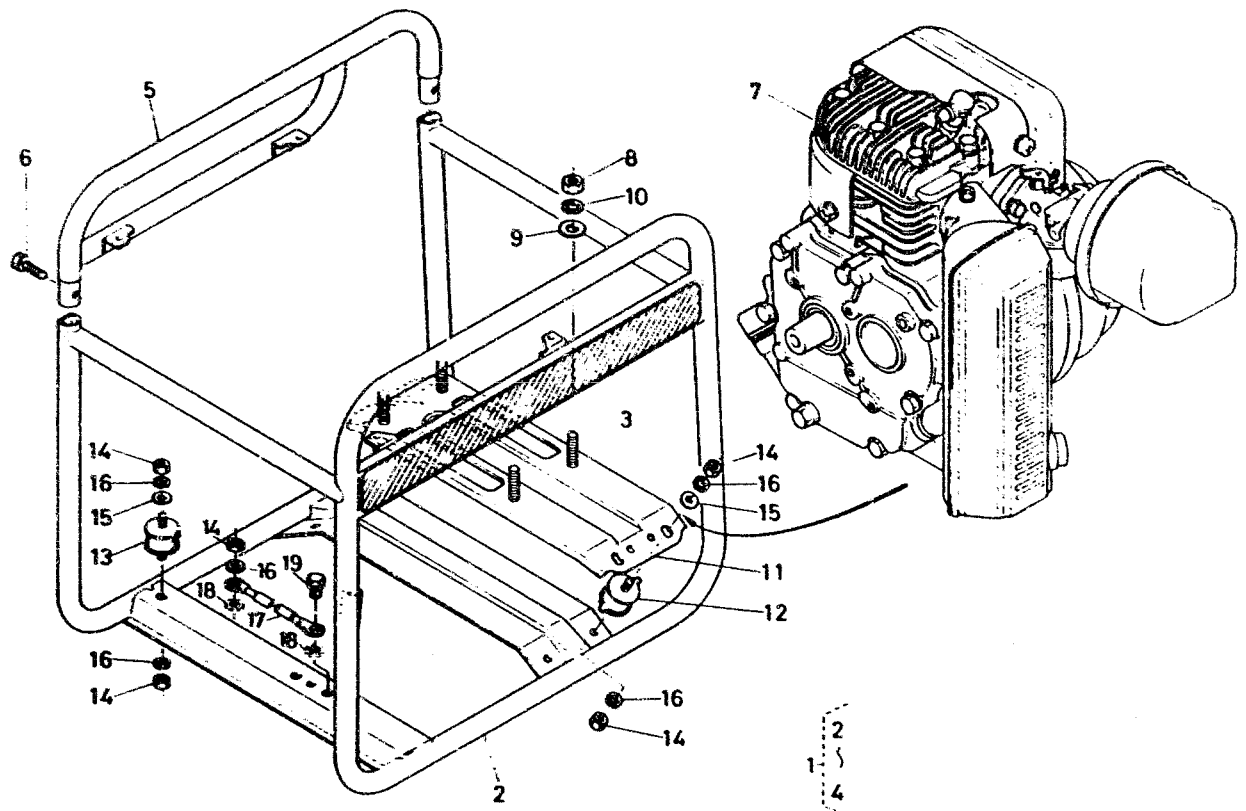
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3612	1	Tank Assy, Fuel
2	185-3612	1	Tank, Fuel
3	185-3590	1	Cap, Fuel Tank
4	185-3591	1	Gasket
5	185-3592	1	Filter
6	185-3593	1	Gauge, Oil
7	185-3594	2	Clip
8	185-3937	1	Label, Caution
9	185-4003	1	Label, Caution
10	185-3195	1	Label, Codes
11	185-3037	1	Nut
12	185-3069	1	Washer, Plain
13	185-3560	1	Protector, Pipe
14	185-3503	4	Bolt
15	185-4135	1	Pipe, Fuel
16	185-4135	1	Pipe, Fuel
17	185-3372	4	Clip, Fuel Pipe
18	185-3454	1	Filter Assy, Fuel
19	185-3454	1	Body, Filter
20	185-3456	1	Handle, Filter

Fuel Tank



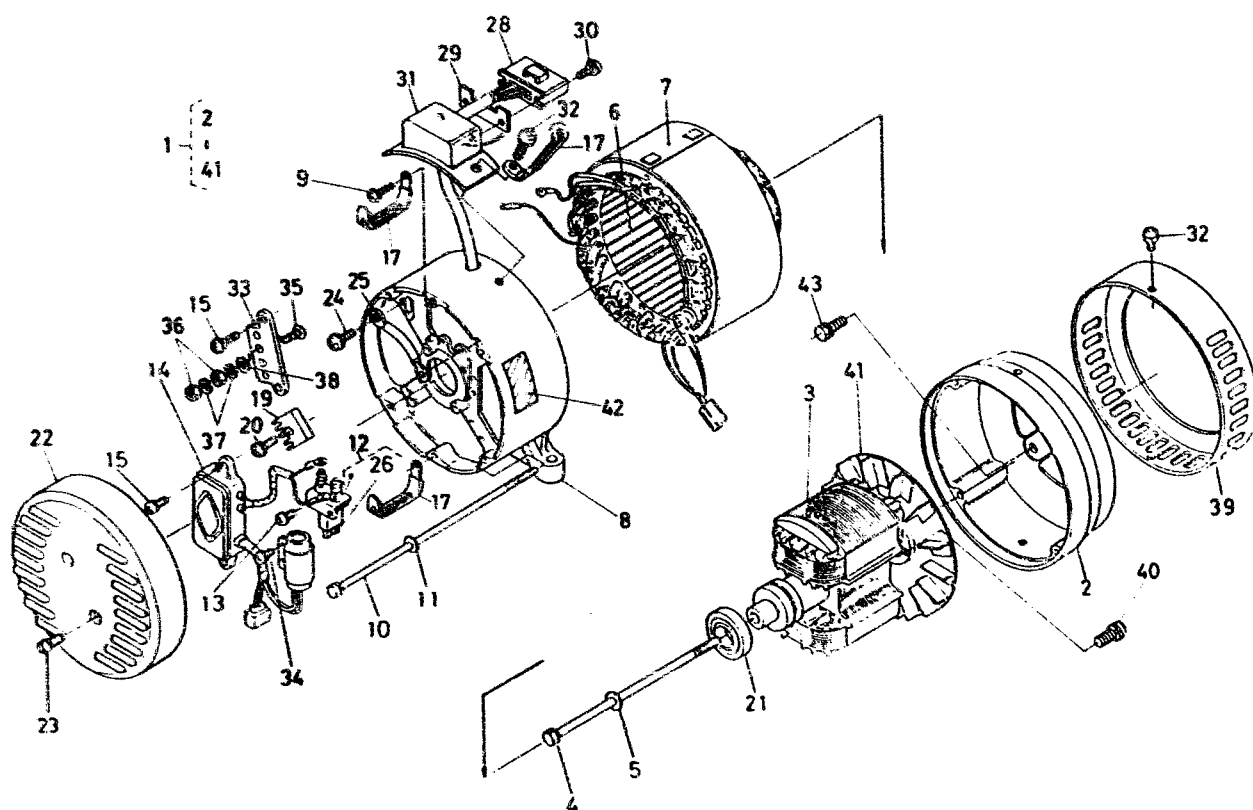
Ref. No.	Part No.	Qty. Used	Part Description
21	185-3457	1	Pot, Filter
22	185-3458	1	Gasket
23	185-3459	1	Ring, Retainer
24	185-3460	1	Element, Filter
25	185-3516	1	Pipe, Joint
26	185-3462	1	Gasket
27	185-3505	1	Bolt, Set
28	185-3461	1	Seal, Handle
29	185-3508	1	Ring, O
30	185-3561	1	Screw
31	185-3463	1	Switch Assy
32	185-3467	1	Support, Switch
33	185-3465	1	Gasket, Cover
34	185-3466	1	Lever, Switch
35	185-3464	1	Cover, Switch
36	185-3070	2	Washer, Spring
37	185-3043	2	Screw, Pan Head
38	185-3504	1	Label, Stop
39	185-4044	1	Label, Rating
40	185-4077	1	Label, Rating Logo

Engine Frame



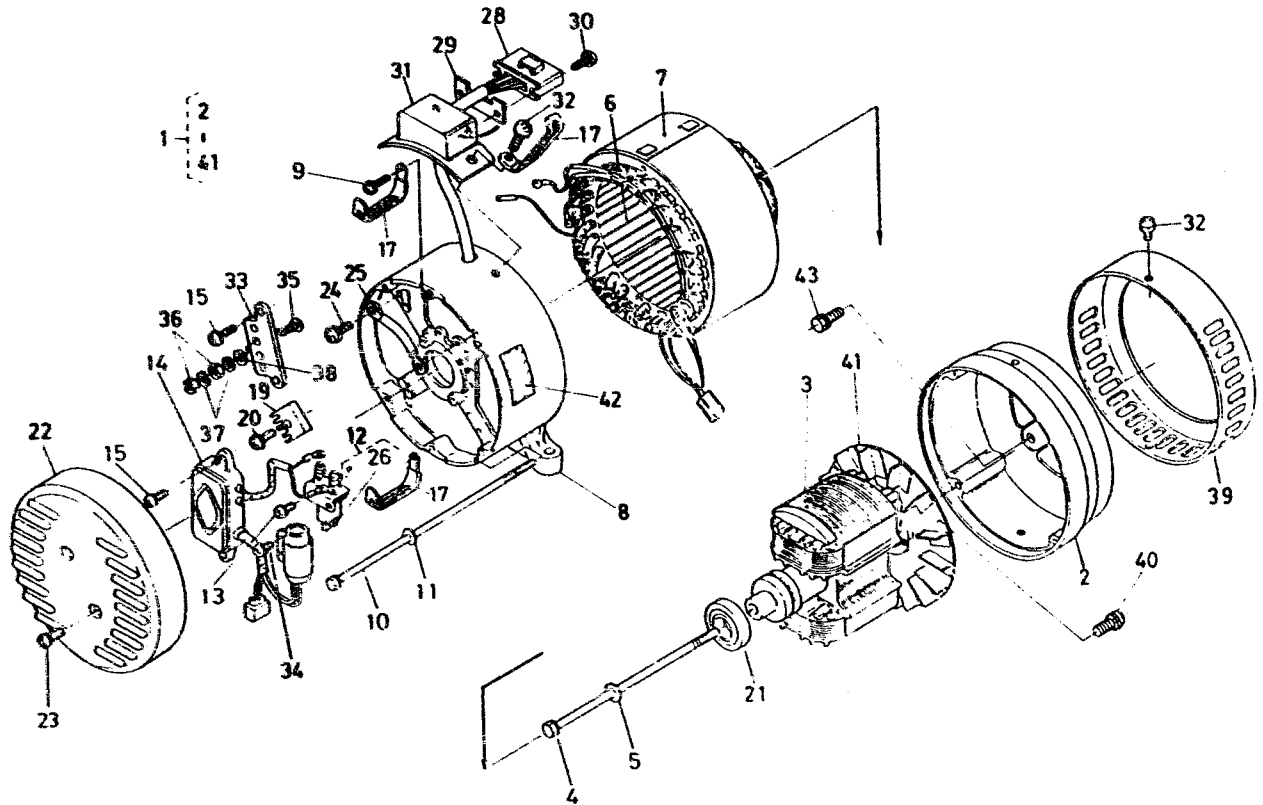
Ref. No.	Part No.	Qty. Used	Part Description
2	185-4011	1	Frame, Pipe 1
3	185-3984	1	Label, Power Express
5	185-3982	1	Frame, Pipe 2
6	185-3007	2	Bolt
7	185-3610	1	Engine
8	185-3034	4	Nut
9	185-3068	4	Washer, Plain
10	185-3071	4	Washer, Spring
11	185-3983	1	Base, Engine
12	185-3856	4	Cushion 1
13	185-3857	2	Cushion 2
14	185-2366	12	Nut
15	185-2777	5	Washer, Plain
16	185-2381	12	Washer, Spring
17	185-4071	1	Cord, Bonding
18	185-4072	2	Washer
19	185-3009	1	Bolt

Generator

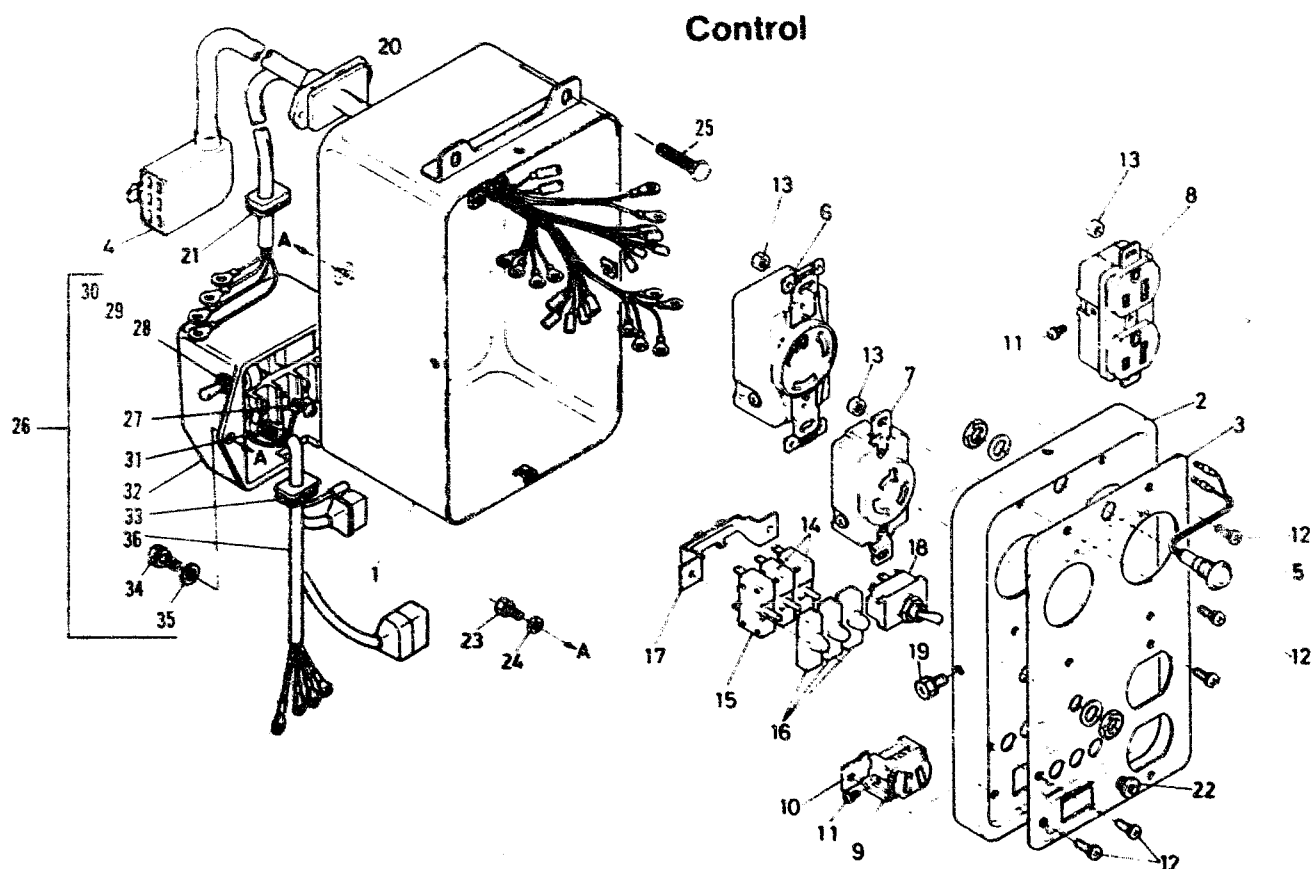


Ref. No.	Part No.	Qty. Used	Part Description
1	185-4016	1	Generator Assy
2	185-4017	1	Bracket, Front
3	185-3858	1	Rotor Assy
4	185-3859	1	Bolt, Center
5	185-3068	1	Washer, Plain
6	185-4018	1	Stator Assy
7	185-4020	1	Cover, Band
8	185-4022	1	Bracket, Rear
9	185-3525	2	Screw
10	185-3857	4	Bolt
11	185-2376	4	Washer, Plain
12	185-3843	1	Holder Assy, Brush
13	185-2385	2	Screw (20 mm)
13	185-2384	2	Screw (10 mm)
14	185-3845	1	Control Assy
15	185-3863	4	Screw
17	185-3846	3	Plate
18			
19	185-3920	1	Diode Assy
20	185-3211	1	Screw
21	185-3097	1	Bearing, Ball
22	185-4021	1	Cover, Cleaner

Generator

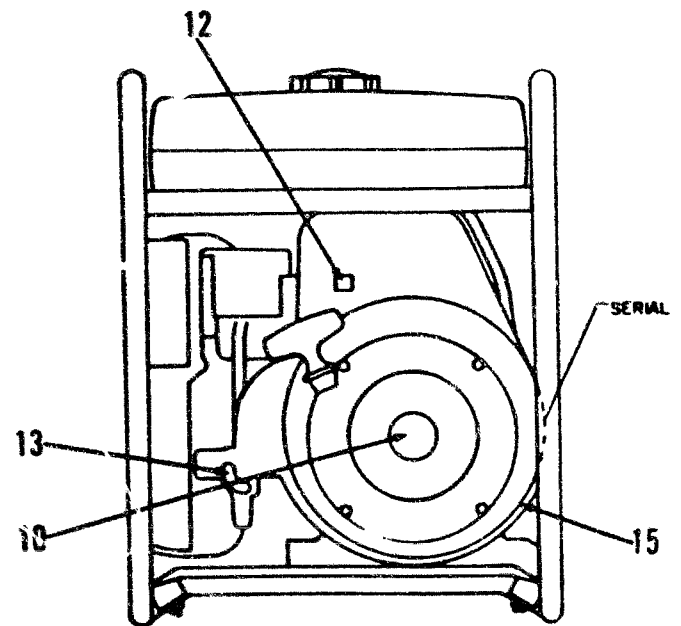
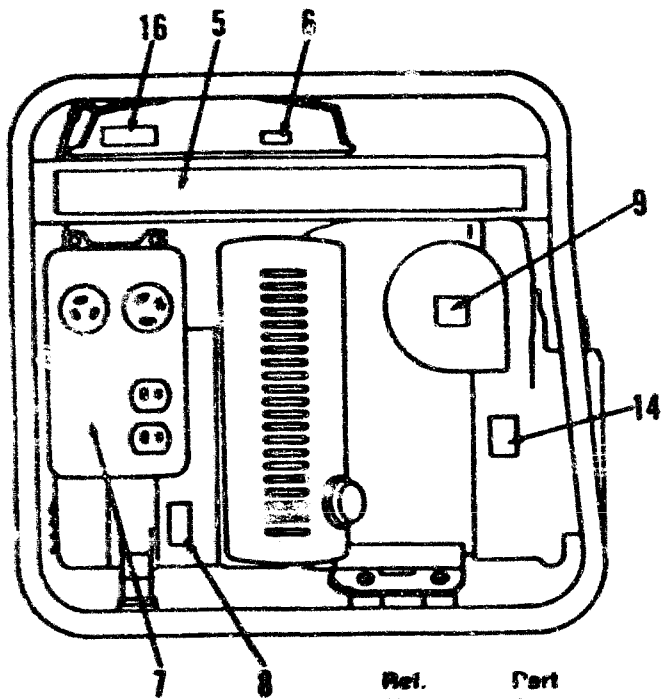
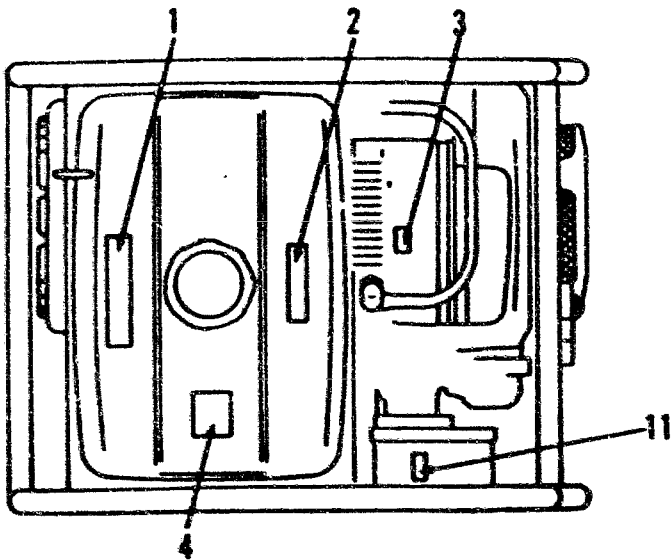


Ref. No.	Part No.	Qty. Used	Part Description
23	185-3852	2	Bolt
24	185-3153	1	Screw
25	185-4008	1	Cord, W-Terminal
26	185-3844	2	Brush
27	185-3961	1	Label, Oil Level
28	185-3923	1	Coupler
29	185-3922	1	Plate
30	185-3994	2	Screw
31	185-3919	1	Cover, Coupler
32	185-2385	4	Screw (20 mm)
32	185-2384	4	Screw (10 mm)
33	185-4023	1	Terminal Assy
34	185-3203	2	Screw
35	185-3853	4	Bolt
36	185-3854	8	Nut
37	185-2379	8	Washer, Spring
38	185-3864	4	Washer, Plain
39	185-4019	1	Cover, Fan
40	185-2385	4	Screw (20 mm)
40	185-2384	4	Screw (10 mm)
41	185-3835	1	Fan
42	185-3961	1	Label, Oil Level
43	185-2403	4	Bolt



Ref. No.	Part No.	Qty. Used	Part Description
	NFS	1	Box Assy, Control
1	185-4024	1	Box, Control
2	185-4027	1	Panel
3	185-4028	1	Plate, Panel
4	185-4038	1	Harness Assy, Wire (Includes Bushings)
5	185-4033	1	Lamp Set
6	185-4031	1	Receptacle (AC) 3P-30A
7	185-4032	1	Receptacle (AC) 4P-20A
8	185-4025	1	Receptacle (AC)
9	185-3921	1	Receptacle (DC)
10	185-3849	1	Plate, S
11	185-3951	2	Screw
12	185-3044	9	Screw
13	185-3029	6	Nut
14	185-4043	2	Circuit Breaker 12A
15	185-3952	1	Circuit Breaker 10A
16	185-4030	3	Cap
17	185-4029	1	Holder, U
18	185-4039	1	Switch
19	185-3852	4	Bolt
20	185-3848	1	Bushing, Rubber
21	185-3881	1	Bushing, Rubber
22	185-4052	1	Terminal Assy, Earth
23	185-3012	2	Bolt
24	185-2376	2	Washer, Plain
25	185-2386	3	Bolt
26	185-4037	1	Idler Assy, Auto (Optional)
27	185-4036	4	Screw
28	NFS	1	Nut
29	NFS	1	Washer
30	NFS	1	Nut
31	NFS	2	Screw
32	NFS	1	Case
33	185-3861	1	Bushing, Rubber
34	185-2387	2	Bolt
35	185-2376	2	Washer, Plain
36	185-4080	1	Cord Assy, DC

Labels



Ref. No.	Part No.	Qty. Used	Part Description
1	185-4044	1	Label, Rating
2	185-4077	1	Label, Rating Logo
3	185-4005	1	Label, Caution
4	185-3937	1	Label, Caution
5	185-3984	1	Label, Power Express
6	185-4003	1	Label, Caution
7	185-4028	1	Label, Cont Panel
8	185-3961	1	Label, Oil Level
9	185-3607	1	Label, Air Cleaner
10	185-3606	1	Label, Ignition
11	185-4066	1	Label, Choke
12	185-4054	1	Label, Oil Watch
13	185-35-4	1	Label, Serial
14	185-3199	1	Label, Speed
15	185-4057	1	Label, MFD
16	185-3195	1	Label, Codes

Miscellaneous

Ref. No.	Part No.	Qty. Used	Part Description
1	185-4123	1	Gasket Set
2	525-0491	1	Paint (Grey)
3	525-0305	1	Paint (Green)
4	323-0862	1	Plug, Twist Lock (3 Wire 120V 30A) NEMA #L530P
5	323-0952	1	Plug, Twist Lock (4 Wire 120V 30A) NEMA #L1420P

PROPERTY
OF
SERVICE PARTS
LIBRARY
DO NOT REMOVE

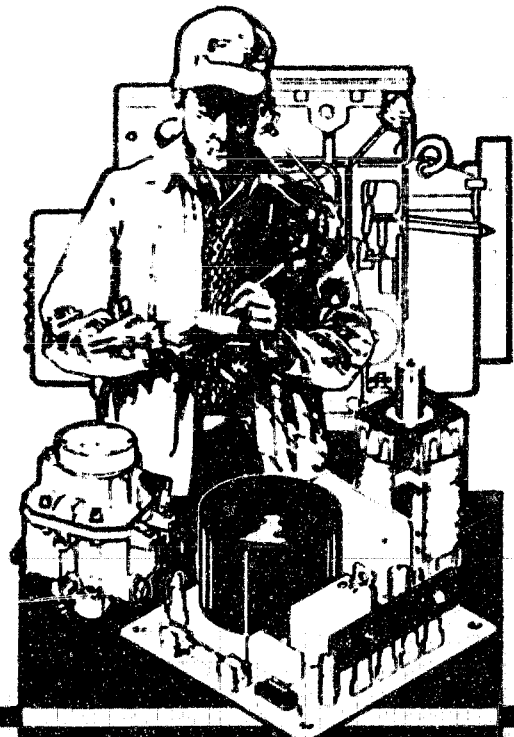
Onan

Parts Manual

3.5 KP GenSet

105-3220 replacement engine

#13



Onan Service Parts

Index

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8	Governor	12	Tank, Fuel
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14	Holder Assy, Brush	5	Valve, Exhaust
16	Idler Assy, Auto	5	Valve, Inlet
9	Kit, Carb Repair	2	Watch Assy, Oil

13 Complete
Engi

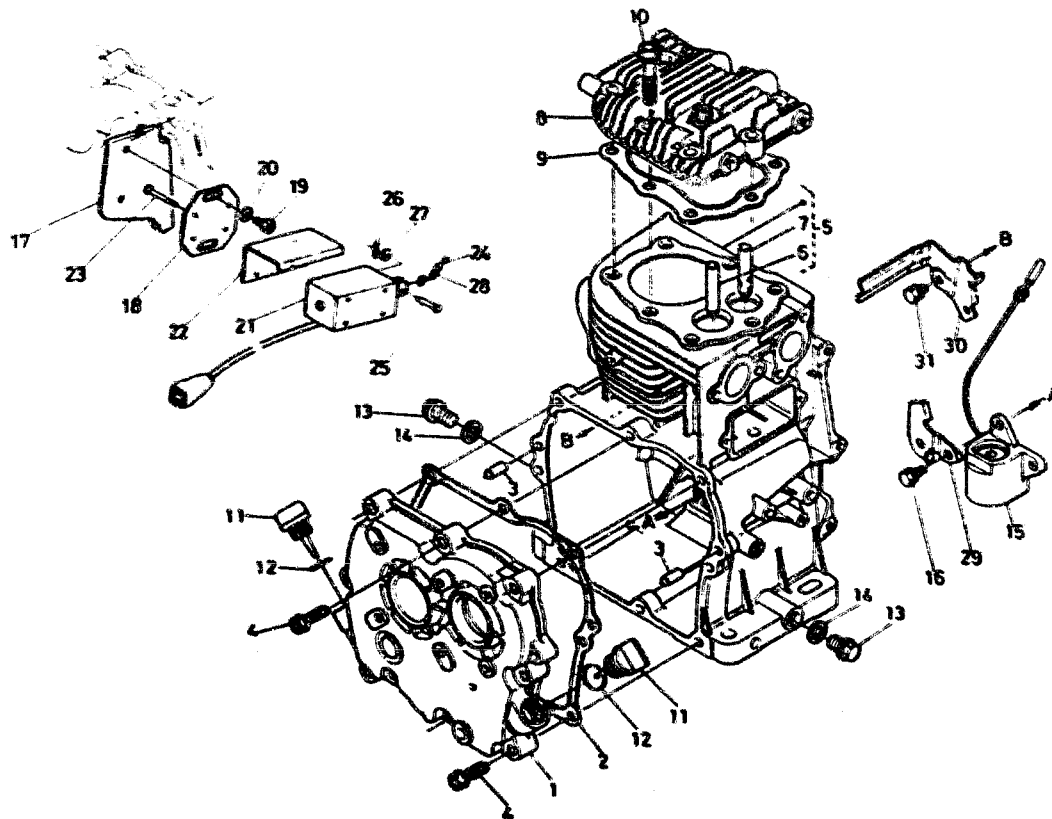
Introduction

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 part that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

Abbreviations

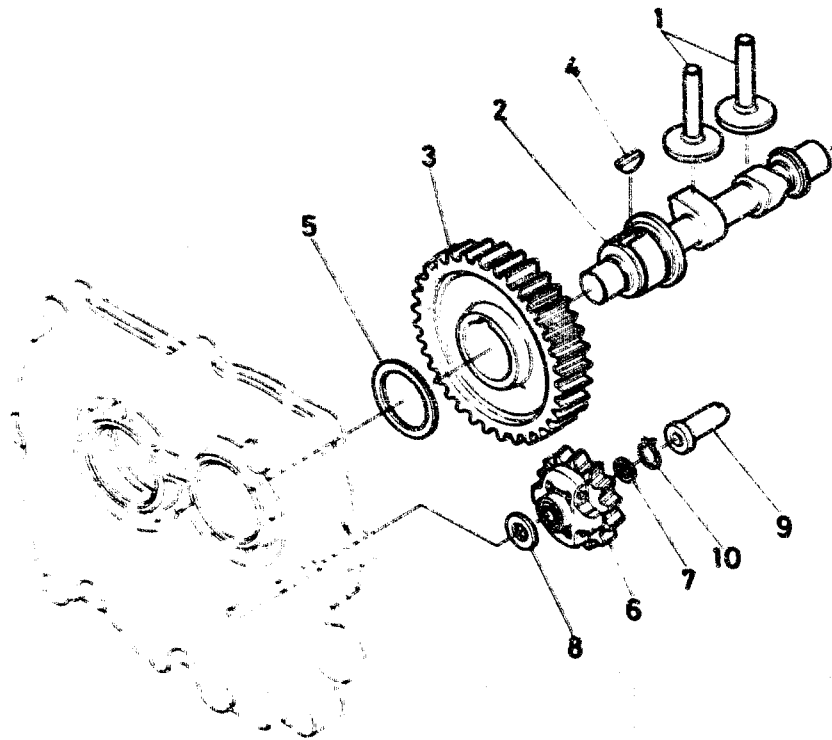
NFS - Not For Sale

Cylinder



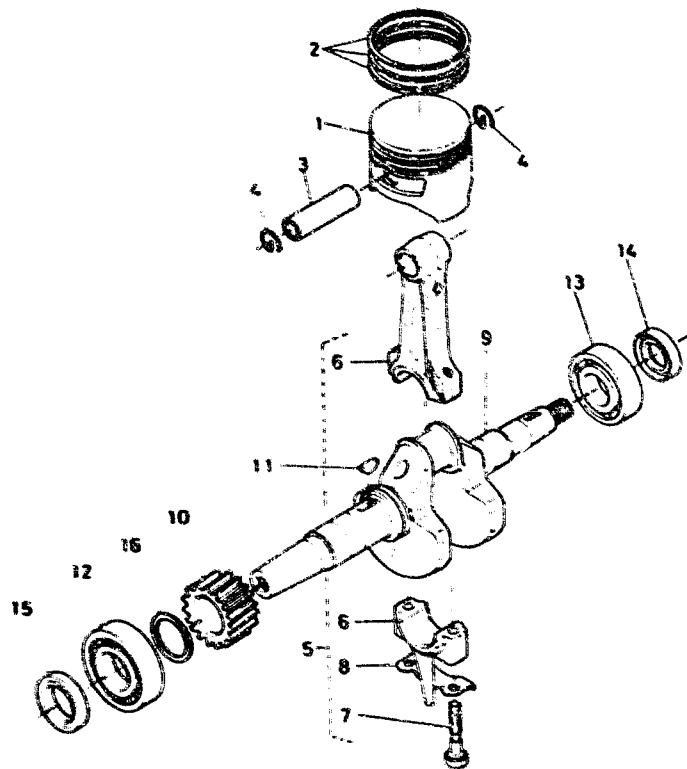
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3804	1	Crankcase
2	185-3734	1	Gasket
3	185-3175	2	Pin, Straight
4	185-3732	8	Bolt
5	185-3221	1	Cylinder
6	185-4113	1	Guide, Valve
7	185-4114	1	Guide, Valve
8	185-3735	1	Head, Cylinder
9	185-3736	1	Gasket
10	185-3737	7	Bolt
11	185-3763	2	Plug, Oil
12	185-3079	2	Ring, O
13	185-3656	2	Plug, Drain
14	185-3077	2	Gasket
15	185-3224	1	Watch Assy, Oil
16	185-2387	2	Bolt
17	185-3227	1	Stay
18	185-3613	1	Plate
19	185-2387	2	Bolt
20	185-2376	2	Washer, Plain
21	185-3614	1	Solenoid
22	185-3615	1	Cover, Solenoid
23	185-3059	4	Screw
24	185-3228	1	Rod
25	185-3616	1	Pin
26	185-3084	1	Pin, Split
27	185-3063	1	Washer, Plain
28	185-3779	1	Spring
29	185-3225	1	Clamp, Cord 1
30	185-3226	1	Clamp, Cord 2
31	185-3013	1	Bolt

Camshaft



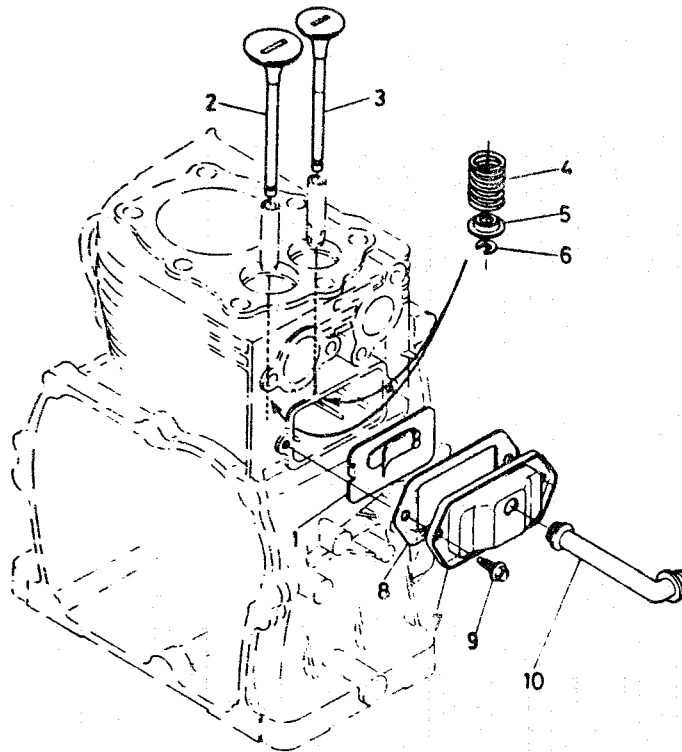
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3750	2	Tappet
2	185-3805	1	Camshaft
3	185-3751	1	Gear, Camshaft
4	185-3088	1	Key, Woodruff
5	185-3511	1	Shim 20
5	185-3806	1	Shim 25
5	185-3807	1	Shim 30
5	185-3808	1	Shim 35
5	185-3809	1	Shim 40
6	185-3773	1	Gear, Governor
7	185-3484	1	Washer 1
8	185-3485	1	Washer 2
9	185-3774	1	Sleeve, Governor
10	185-3487	1	Stopper

Crankshaft



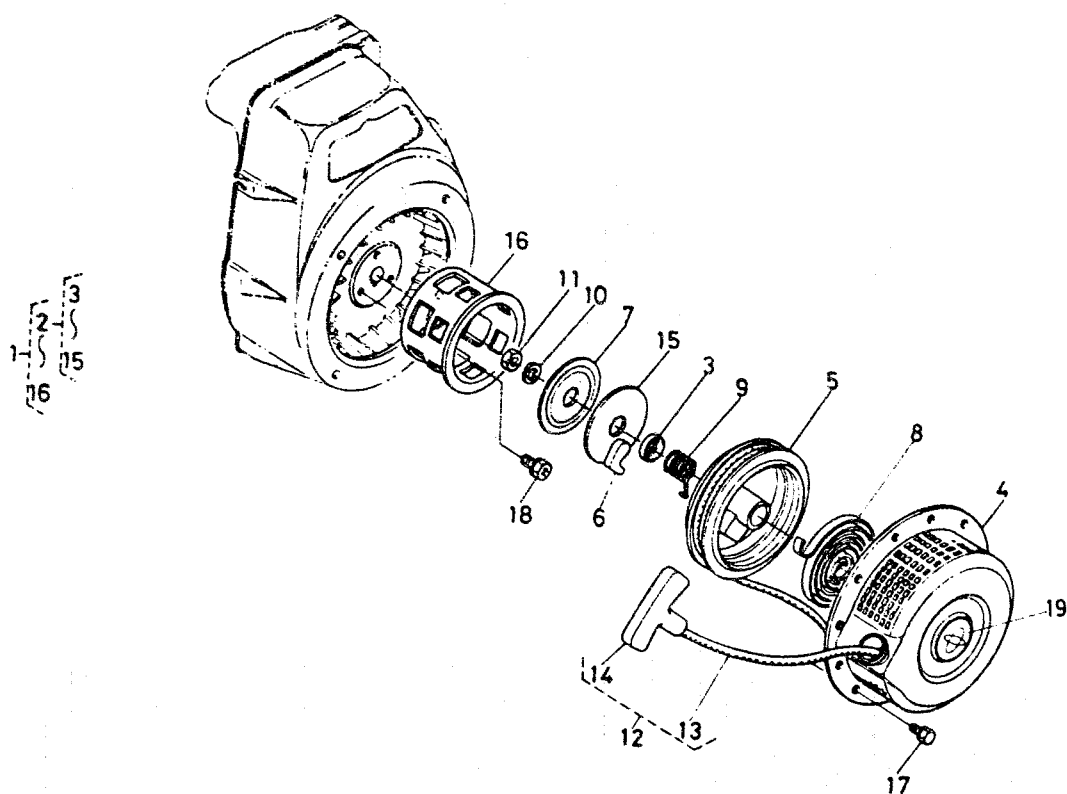
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3754	1	Piston
1	185-4097	1	Piston .5 mm Oversize
2	185-3753	1	Ring Assy, Piston
2	185-4098	1	Ring Assy, Piston .5 mm Oversize
3	185-3755	1	Pin, Piston
4	185-3756	1	Cir-Clip
5	185-3757	1	Rod Assy, Connecting
6	185-3757	1	Connecting Rod
7	185-3759	2	Bolt
8	185-3760	1	Washer
9	185-3817	1	Crankshaft
10	185-3762	1	Gear, Crankshaft
11	185-3088	1	Key, Woodruff
12	185-3095	1	Bearing, Ball
13	185-3096	1	Bearing, Ball
14	185-3761	1	Seal, Oil
15	185-3752	1	Seal, Oil
16	185-3449	1	Shim 20
16	185-3436	1	Shim 25
16	185-3446	1	Shim 30
16	185-3437	1	Shim 35
16	185-3447	1	Shim 40

Breather And Valves



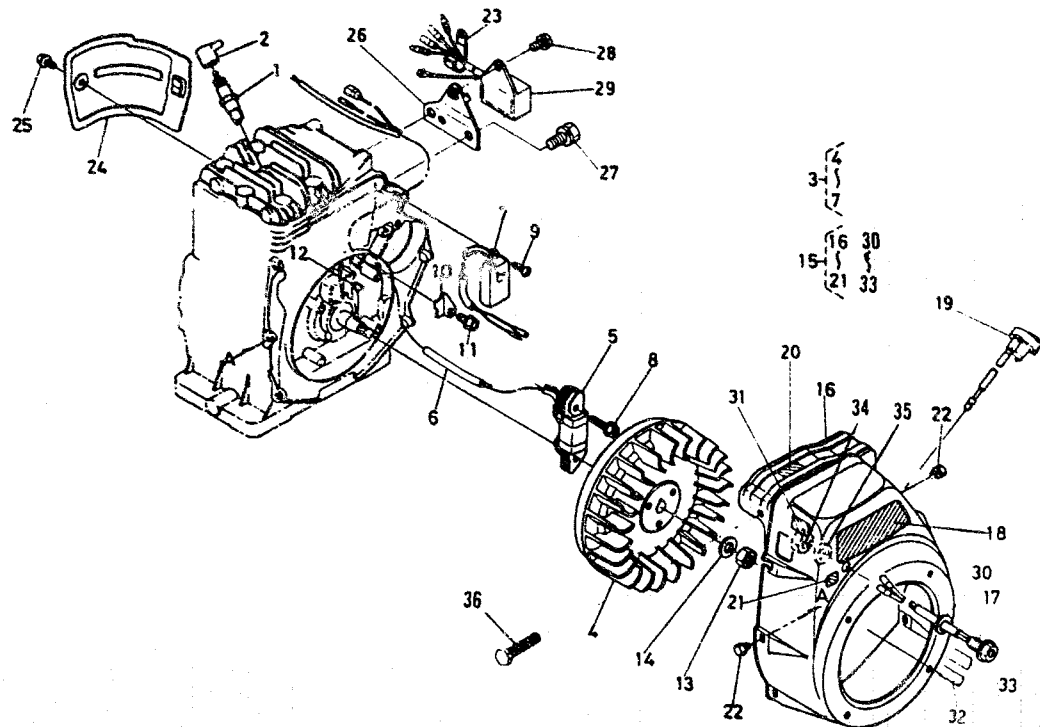
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3738	1	Breather
2	185-3744	1	Valve, Inlet
3	185-3749	1	Valve, Exhaust
4	185-3430	2	Spring, Valve
5	185-3431	2	Retainer, Valve Spring
6	185-3171	2	Collet, Valve Spring
7	185-3747	1	Cover
8	185-3748	1	Gasket
9	185-3538	2	Bolt
10	185-3239	1	Pipe, Breather

Recoil Starter



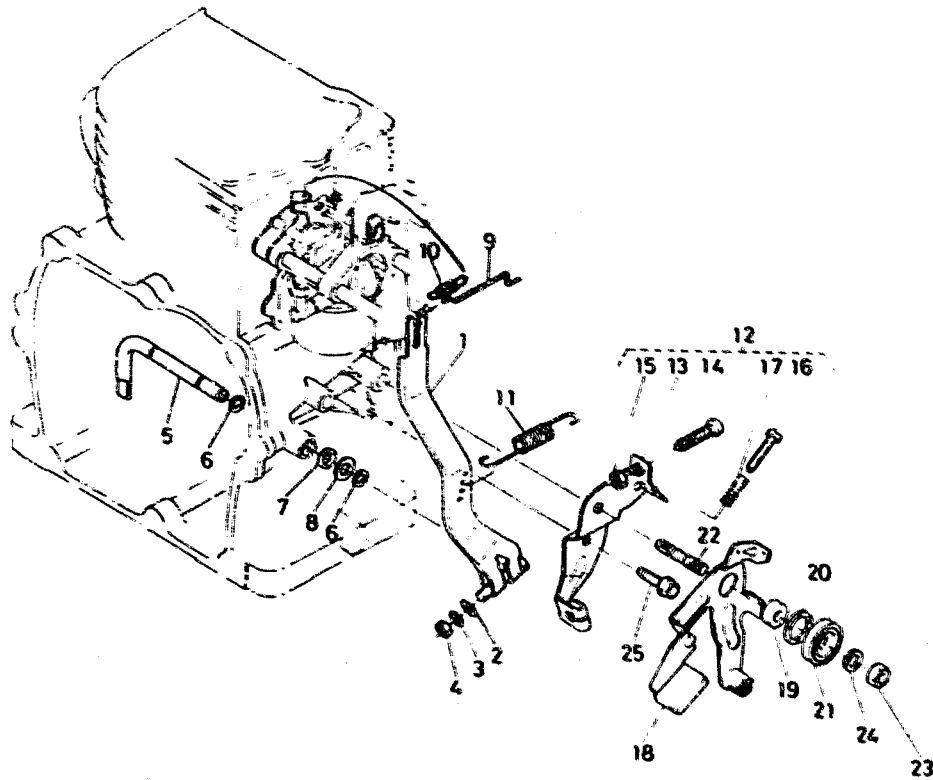
Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Starter Assy, Recoil
2	185-3230	1	Starter, Recoil
3	185-3793	1	Cover, Spring
4	185-3231	1	Case, Recoil Start
5	185-3787	1	Plate, Reel
6	185-3810	1	Claw
7	185-3789	1	Plate
8	185-3788	1	Spring
9	185-3811	1	Spring
10	185-2381	1	Washer, Spring
11	185-3033	1	Nut
12	185-3786	1	Rope Assy, Start
13	185-3790	1	Rope, Start
14	185-3786	1	Knob
15	185-3792	1	Plate
16	185-3794	1	Pulley, Start
17	185-3013	4	Bolt
18	185-3009	3	Bolt
19	185-3960	1	Label, Ignition

Magneto



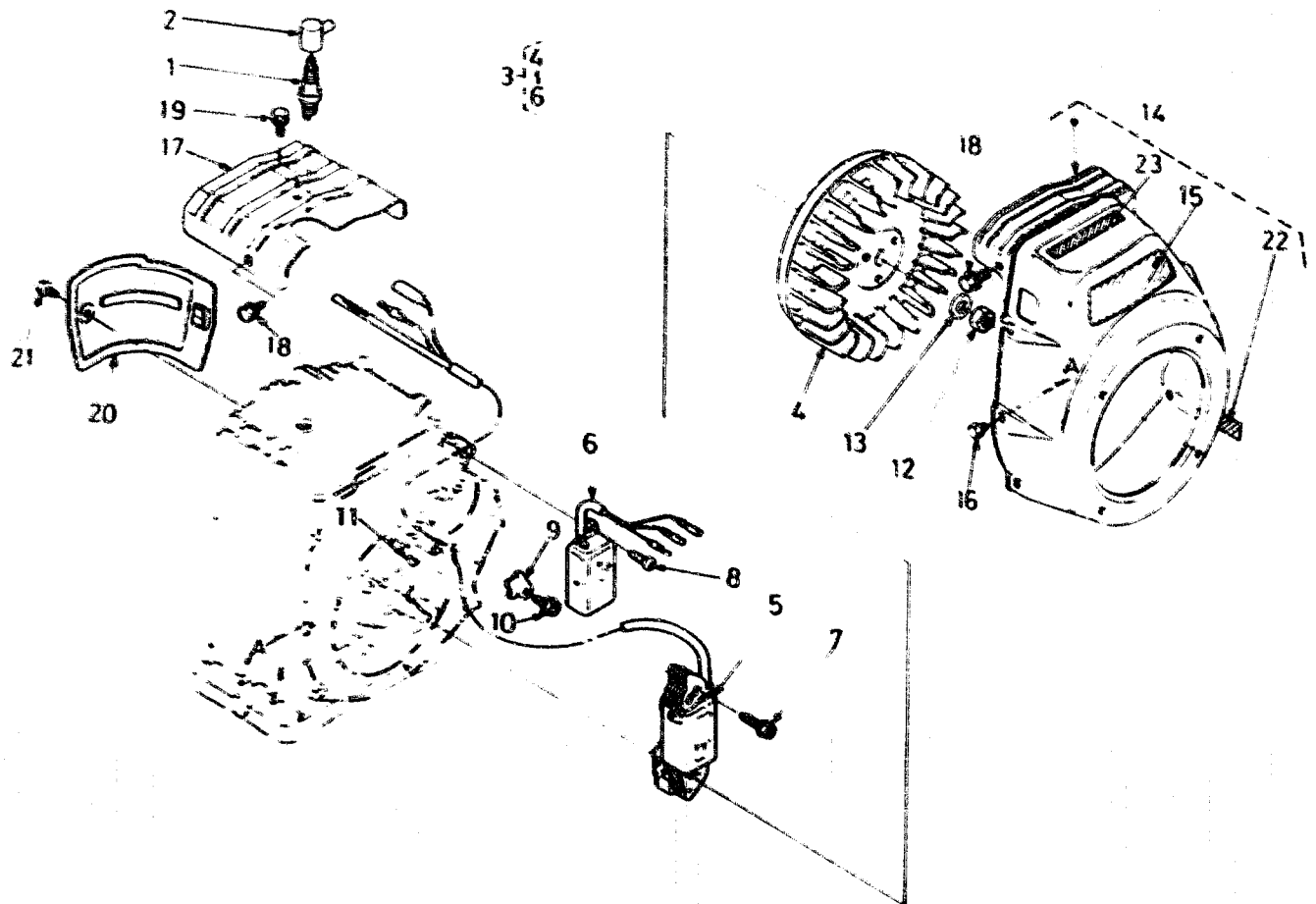
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3824	1	Plug, Spark
2	185-3729	1	Cap, Spark Plug
3	NFS	1	Magneto Assy
4	185-3812	1	Rotor
5	185-3233	1	Coil, Ignition
6	185-3236	1	Tube, Vinyl
7	185-3796	1	Regulator
8	185-3691	2	Bolt
9	185-3803	2	Screw
10	185-3795	1	Clamp, Cord
11	185-3692	1	Bolt
12	185-3088	1	Key, Woodruff
13	185-3032	1	Nut
14	185-3062	1	Washer, Plain
15	185-3237	1	Case Assy, Spiral
16	185-3237	1	Case, Spiral
17	185-3186	1	Lamp Assy
18	185-3725	1	Label, Tagalong Logo
19	185-3107	1	Switch Assy, Stop
20	185-4005	1	Label, Caution
21	185-3720	1	Label, Oil Watch
22	185-3503	6	Bolt
23	185-3797	1	Clamp, Pipe
24	185-3798	1	Cowling, Cylinder
25	185-3692	1	Bolt
26	185-3235	1	Stay, Unit
27	185-3009	2	Bolt
28	185-2387	1	Bolt
29	185-3234	1	Unit Assy, Oil Watch
30	185-3075	1	Gasket
31	185-4003	1	Label, Caution
32	185-4057	1	Label, MFD
33	185-3540	1	Label
34	185-3035	1	Nut
35	185-4069	1	Washer
36	185-3695	2	Bolt

Governor



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3775	1	Lever, Governor
2	185-2777	1	Washer, Plain
3	185-2381	1	Washer, Spring
4	185-2366	1	Nut
5	185-3776	1	Shaft, Governor Lever
6	185-3074	2	Cir-Clip, External
7	185-3491	1	Gasket
8	185-2777	1	Washer, Plain
9	185-3777	1	Rod
10	185-3778	1	Spring
11	185-3780	1	Spring
12	185-3823	1	Plate Assy, Speed Control
13	185-3823	1	Plate, Speed Control
14	185-3385	1	Screw
15	185-3026	1	Nut
16	185-3387	1	Screw
17	185-3496	1	Spring
18	185-3781	1	Lever
19	185-3783	1	Collar
20	185-3784	1	Washer, Lock
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

Magneto



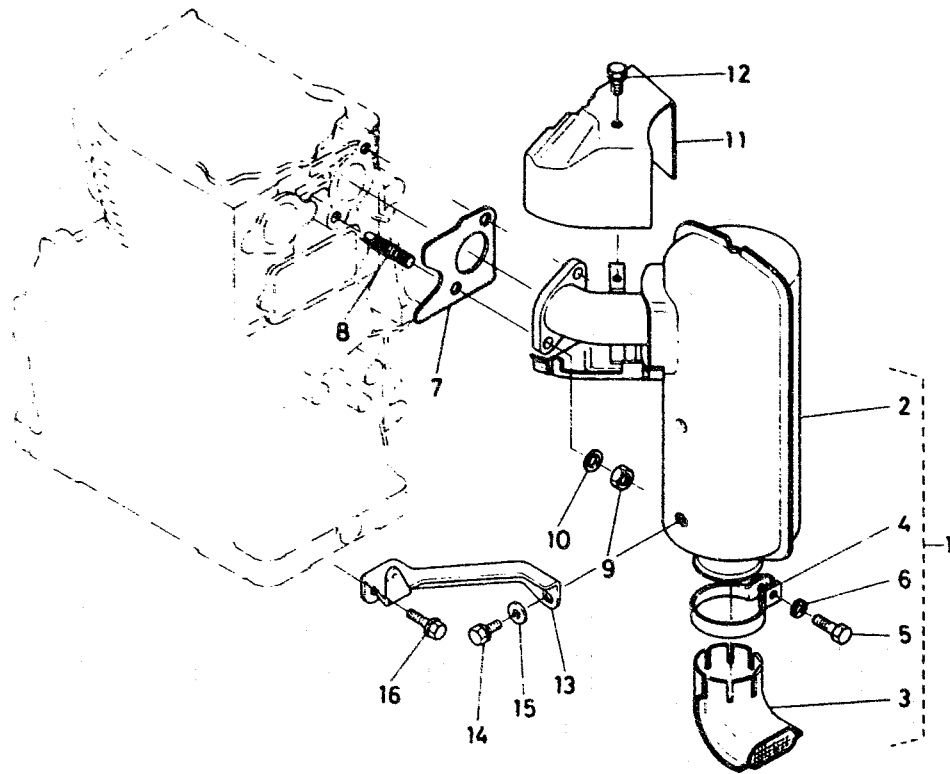
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4540	1	Spark Plug
2	185-3729	1	Cap.Spark Plug
3	185-4646	1	Assy Magneto
4	185-4658	1	Comp.Rotor
5	185-4647	1	Comp.Coil.Ignition
6	185-4648	1	Comp.Unit
7	185-3691	2	Bolt
8	185-4761	2	Screw
9	185-3795	1	Clamp.Cord
10	185-3692	1	Bolt
11	185-3088	1	Key.Woodruff
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

This diagram illustrates the exploded view of a mechanical assembly, likely a valve or actuator. The components are numbered as follows:

- 1**: A small pin or clip.
- 2**: A long screw or bolt.
- 3**: A small pin or clip.
- 4**: A large, complex metal housing or bracket.
- 5**: A long, thin rod or pin.
- 6**: A small screw or bolt.
- 7**: A small pin or clip.
- 8**: A small pin or clip.
- 9**: A large, cylindrical component, possibly a piston or a body.
- 10**: A small pin or clip.
- 11**: A small pin or clip.
- 12**: A small pin or clip.
- 13**: A small pin or clip.
- 14**: A small pin or clip.
- 15**: A small pin or clip.
- 16**: A small pin or clip.
- 17**: A small pin or clip.
- 18**: A small pin or clip.
- 19**: A small pin or clip.

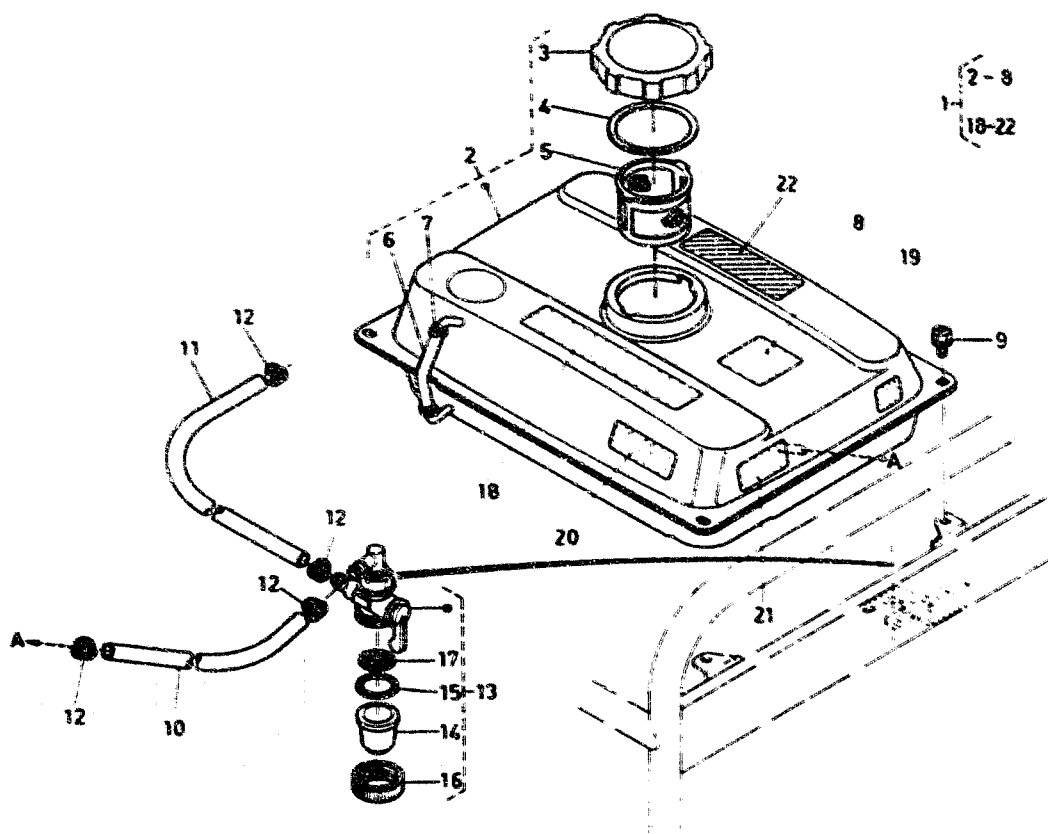
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4628	1	Assy Carburettor
2	185-4629	1	Nozzle.Main
3	185-3768	1	Assy Valve.Float
4	185-3668	1	Gasket
5	185-3669	1	Pin.Arm
6	185-4674	1	Screw.Set
7	185-3666	1	Float
8	185-5036	1	Main Jet
9	185-3667	1	Chamber.Float
10	185-3405	1	Gasket
11	185-4078	1	Bolt
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

Muffler



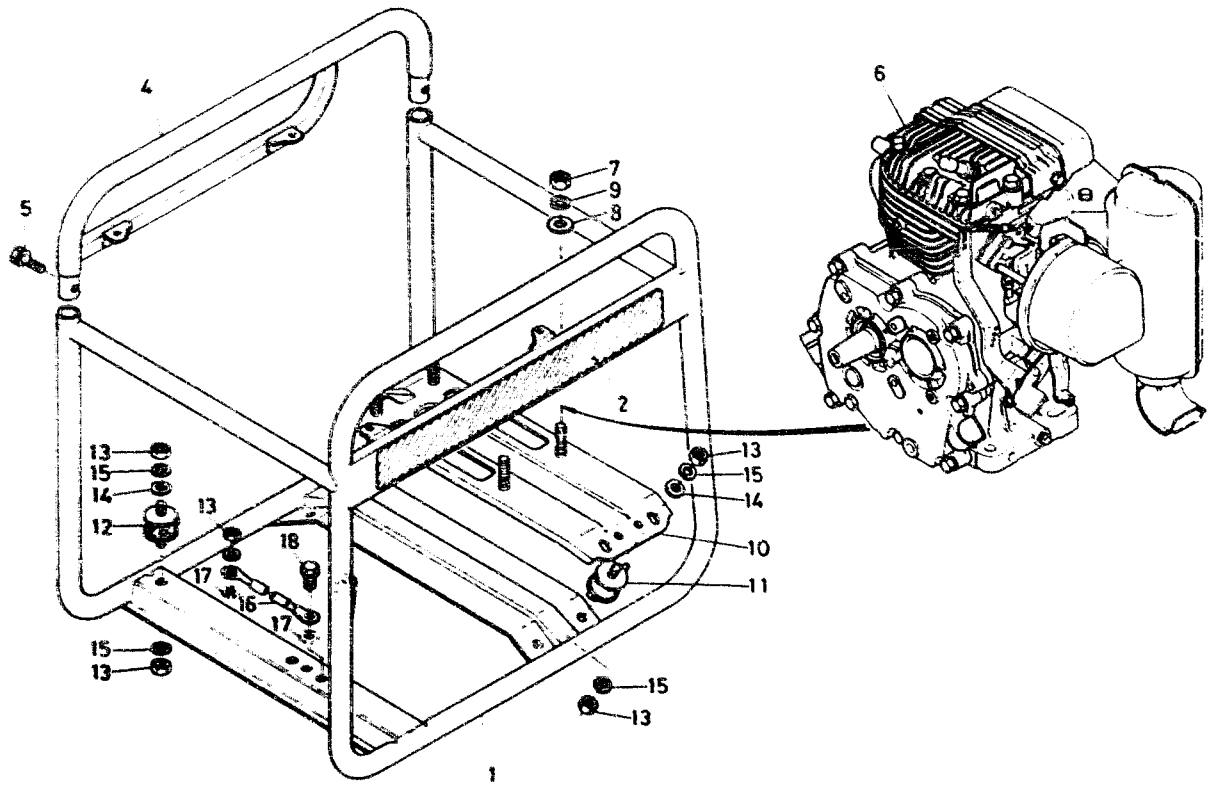
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3222	1	Muffler Assy
2	185-3222	1	Muffler
3	185-3223	1	Cover
4	185-3740	1	Band
5	185-2391	1	Bolt
6	185-2380	1	Washer, Spring
7	185-3741	1	Gasket
8	185-3799	2	Stud
9	185-2366	2	Nut
10	185-2381	2	Washer, Spring
11	185-3743	1	Cover, Flange
12	185-3013	1	Bolt
13	185-3742	1	Stay, Muffler
14	185-3009	1	Bolt
15	185-2777	1	Washer, Plain
16	185-3157	1	Bolt

Fuel Tank



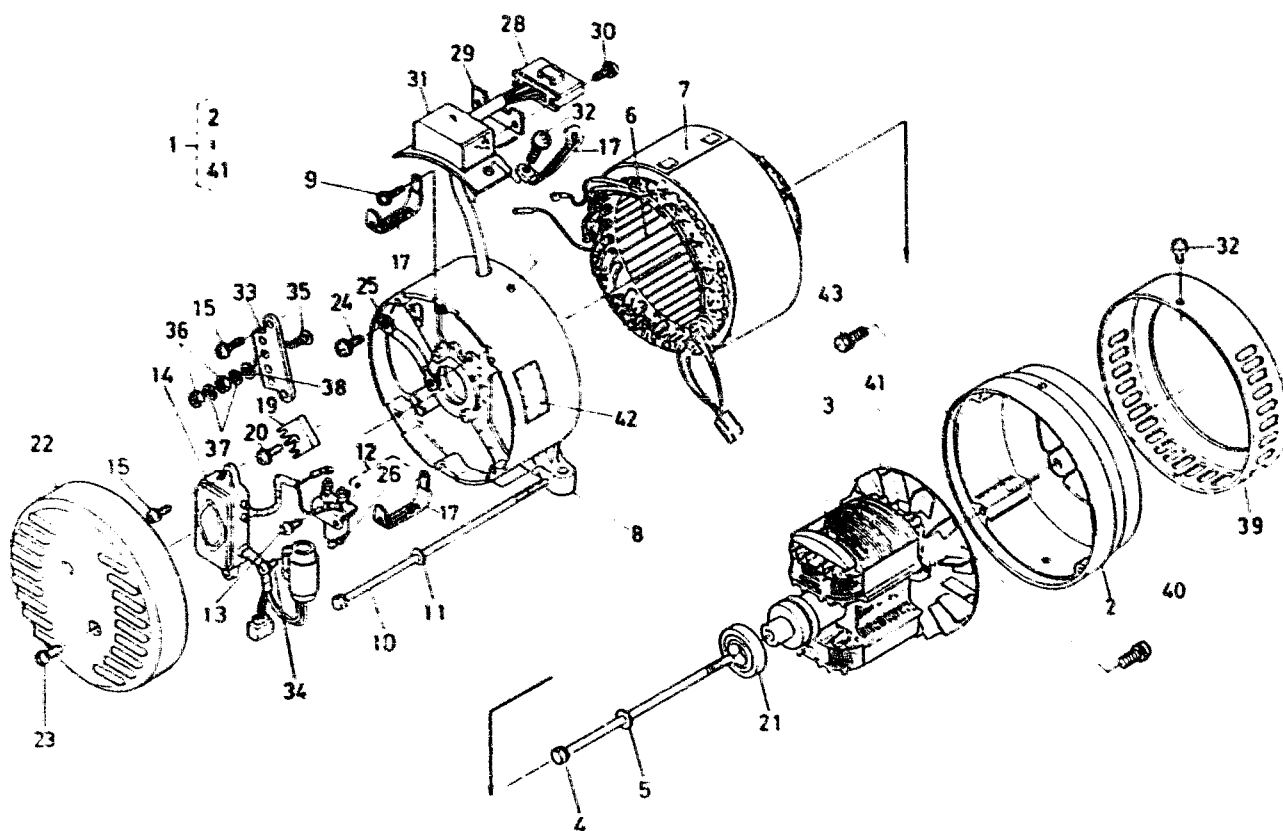
Ref. No.	Part No.	Qty. Used	Part Description
1	185-4049	1	Tank Assy, Fuel
2	185-4049	1	Tank, Fuel
3	185-3590	1	Cap, Fuel Tank
4	185-3591	1	Gasket
5	185-3592	1	Filter
6	185-3593	1	Gauge, Fuel
7	185-3594	2	Clip
8	185-3937	1	Label, Caution
9	185-3503	4	Bolt
10	185-4135	1	Pipe, Fuel 2
11	185-4135	1	Pipe, Fuel
12	185-3372	4	Clip, Fuel Pipe
13	185-3818	1	Filter Assy, Fuel
14	185-3819	1	Pot, Filter
15	185-3820	1	Gasket
16	185-3822	1	Ring, Retainer
17	185-3821	1	Element, Filter
18	185-4045	1	Label, Rating
19	185-4067	1	Label, Fuel
20	185-3997	1	Label, Idlermatic
21	185-3195	1	Label, Codes
22	185-4000	1	Label, Rating Logo

Engine Frame



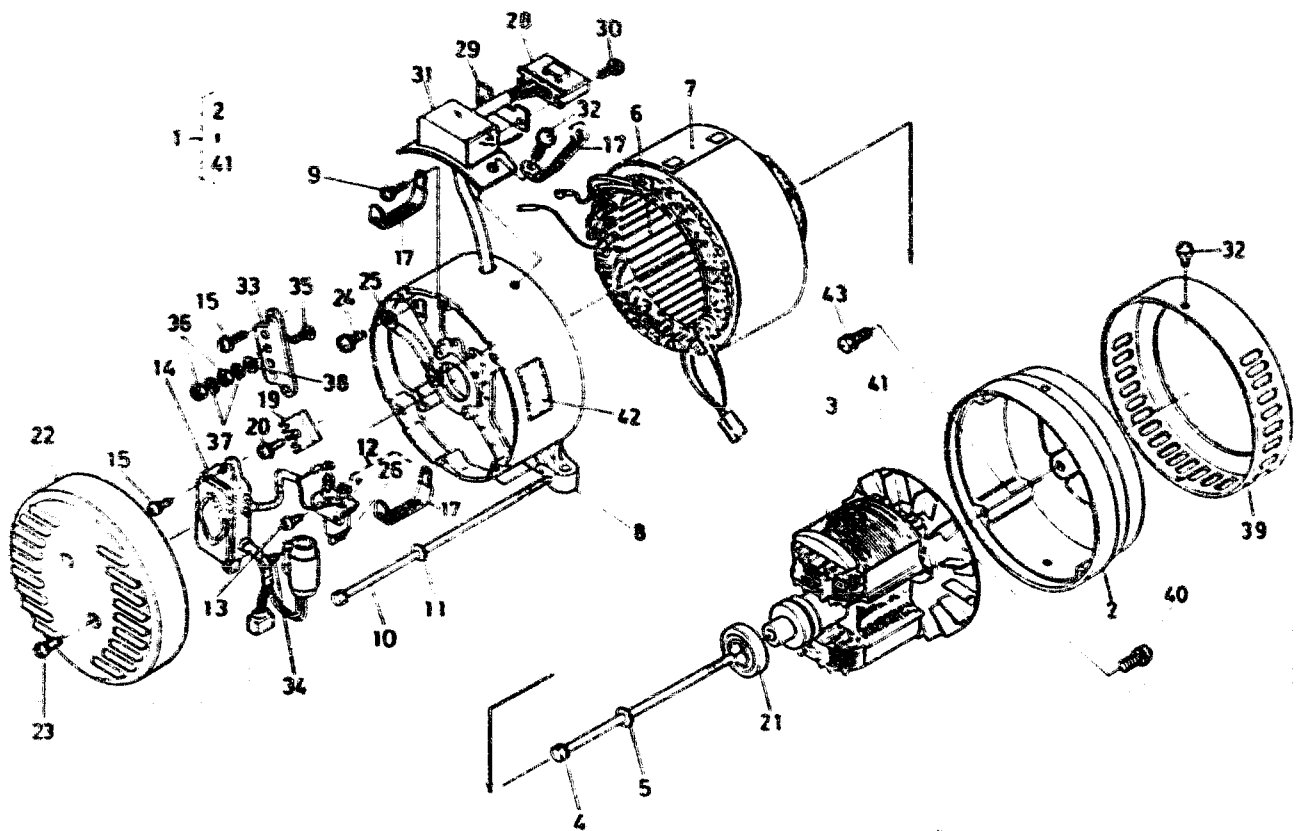
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3996	1	Frame, Pipe 1
2	185-3995	1	Label, Onan Logo
3			
4	185-3991	1	Frame, Pipe 2
5	185-3007	2	Bolt
6	185-3220	1	Engine (GS280-DG-A3-Onan-1)
7	185-3034	4	Nut
8	185-3068	4	Washer, Plain
9	185-3071	4	Washer, Spring
10	185-3992	1	Base, Engine
11	185-3915	4	Cushion 1
12	185-3839	2	Cushion 2
13	185-2366	12	Nut
14	185-2777	5	Washer, Plain
15	185-2381	11	Washer, Spring
16	185-4071	1	Cord, Bonding
17	185-4072	2	Washer
18	185-3009	1	Bolt

Generator



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3998	1	Generator Assy 3764, 50 (0)
2	185-4017	1	Bracket, Front
3	185-3916	1	Rotor Assy 403.15 (3)
4	185-3917	1	Bolt, Center
5	185-3068	1	Washer, Plain
6	185-3999	1	Stator Assy 537.65 (13)
7	185-3217	1	Cover, Band
8	185-4022	1	Bracket, Rear
9	185-3525	2	Screw
10	185-3218	4	Bolt
11	185-2376	4	Washer, Plain
12	185-3843	1	Holder Assy, Brush
13	185-2385	2	Screw (20 mm)
13	185-2384	2	Screw (10 mm)
14	185-3845	1	Control Assy
15	185-3863	4	Screw
16			
17	185-3846	3	Plate
18			
19	185-3920	1	Diode Assy
20	185-3211	1	Screw
21	185-3097	1	Bearing, Ball
22	185-4021	1	Cover, Cleaner
23	185-3852	2	Bolt

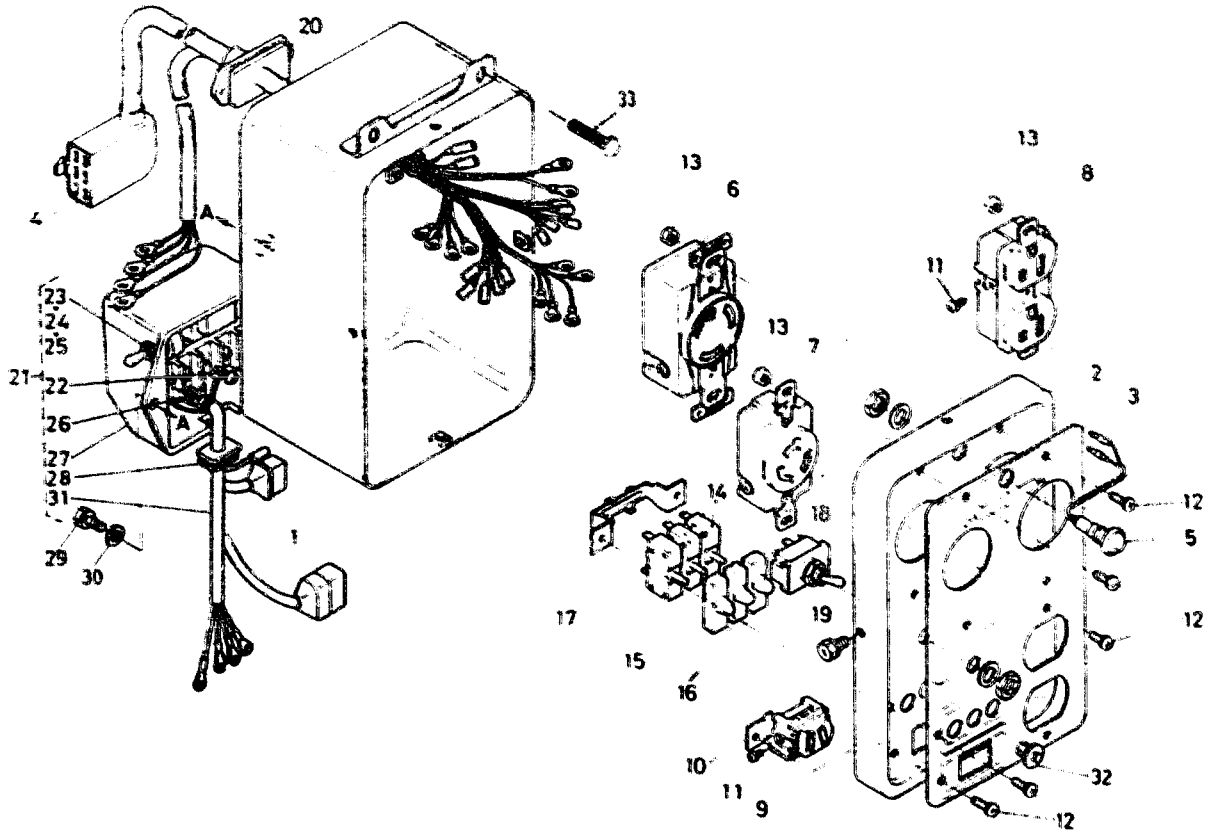
Generator



Ref. No.	Part No.	Qty. Used	Part Description
24	185-3153	1	Screw
25	185-4008	1	Cord, W-Terminal
26	185-3844	2	Brush
27			
28	185-3923	1	Coupler
29	185-3922	1	Plate
30	185-3994	2	Screw
31	185-3919	1	Cover, Coupler
32	185-2385	4	Screw (20 mm)
32	185-2384	4	Screw (10 mm)
33	185-4023	1	Terminal Assy
34	185-3203	2	Screw
35	185-3853	4	Bolt
36	185-3854	8	Nut
37	185-2379	8	Washer, Spring
38	185-3864	4	Washer, Plain
39	185-4019	1	Cover, Fan
40	185-2385	4	Screw (20 mm)
40	185-2384	4	Screw (10 mm)
41	185-3835	1	Fan
42	185-3961	1	Label, Oil Level
43	185-2403	4	Bolt

*See 11-13-14
 11-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33*

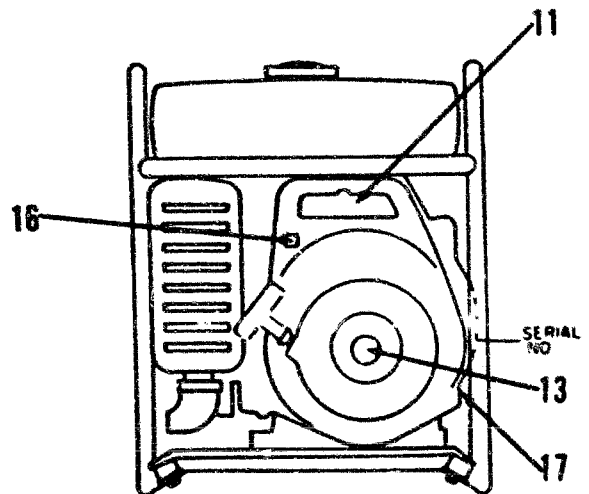
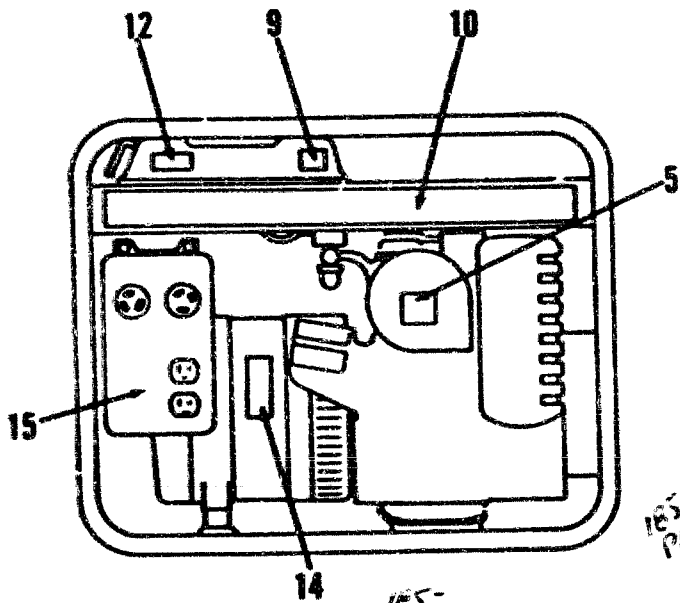
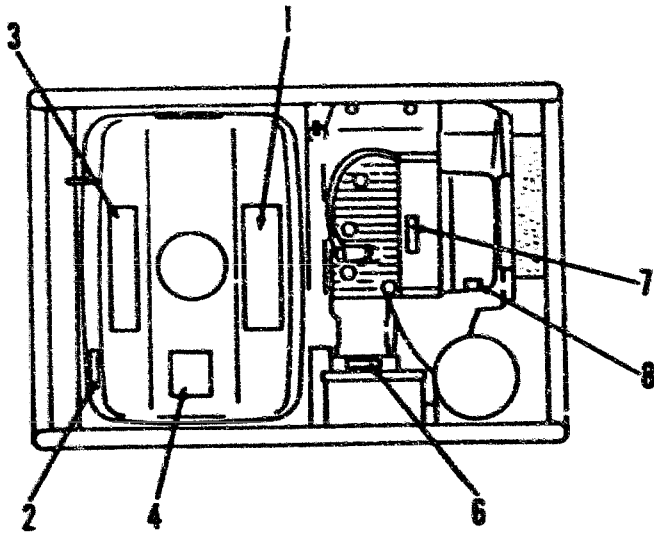
Control



Ref. No.	Part No.	Qty. Used	Part Description
	NFS	1	Box Assy, Control
1	185-4024	1	Box, Control
2	185-4027	1	Panel
3	185-4047	1	Plate, Panel
4	185-4038	1	Harness Assy, Wire (Includes Bushing)
5	185-4033	1	Lamp Set
6	185-4031	1	Receptacle (AC) 3P 30A
7	185-4032	1	Receptacle (AC) 4P 20A
8	185-4025	1	Receptacle (AC)
9	185-3921	1	Receptacle
10	185-3849	1	Plate, S
11	185-3951	2	Screw
12	185-3044	9	Screw
13	185-3029	6	Nut
14	185-3971	2	Circuit Breaker (AC)
15	185-3952	1	Circuit Breaker (DC)
16	185-4030	3	Cap
17	185-4029	1	Holder, U
18	185-4039	1	Switch
19	185-3852	4	Bolt
20	185-3848	1	Bushing, Rubber
21	185-4037	1	Idler Assy, Auto
22	185-4036	4	Screw
23	185-4040	1	Nut
24	185-4041	1	Washer
25	185-4042	1	Nut
26	185-4035	2	Screw
27	185-4034	1	Case
28	185-3861	1	Bushing, Rubber
29	185-2387	2	Bolt
30	185-2376	2	Washer, Plain
31	185-3860	1	Harness Assy, Wire 1
32	185-4052	1	Terminal Assy, Earth
33	185-2386	3	Bolt
	185-4080	1	Cord Assy, DC

*(Pushbutton Switch type -
 15 amp - 250V ac)*

Labels



185-3340
PAGE # 7

Ref. No.	Part No.	Qty. Used	Part Description
1	4000 98-5209	1	Label, Rating Logo
2	3777 98-5200	1	Label, Idlematic
3	4045 98-5182	1	Label, Rating
4	3737 98-5174	1	Label, Caution
5	3607 98-5186	1	Label, Air Cleaner
6	4004 98-5213	1	Label, Choke
7	4005 98-5169	1	Label, Caution
8	4003 98-5168	1	Label, Caution
9	4007 98-5201	1	Label, Fuel
10	3945 98-5217	1	Label, Power Express
11	3725 98-5187	1	Label, Onan Logo
12	3155 98-5239	1	Label, Codes
13	3960 98-5183	1	Label, Ignition
14	3961 98-5173	1	Label, Oil Level
15	4047 98-5184	1	Label, Cont Panel
16	3720 98-5176	1	Label, Oil Watch
17	4057 98-5225	1	Label, MFD

Miscellaneous

Ref. No	Part No.	Qty. Used	Part Description
1	185-4124	1	Gasket Set
2	525-0491	1	Paint (Grey)
3	525-0305	1	Paint (Green)
4	323-0862	1	Plug, Twist Lock (3 Wire 120V 30A) NEMA #L530P
5	323-0952	1	Plug, Twist Lock (4 Wire 120/240 30A) NEMA #L1420P