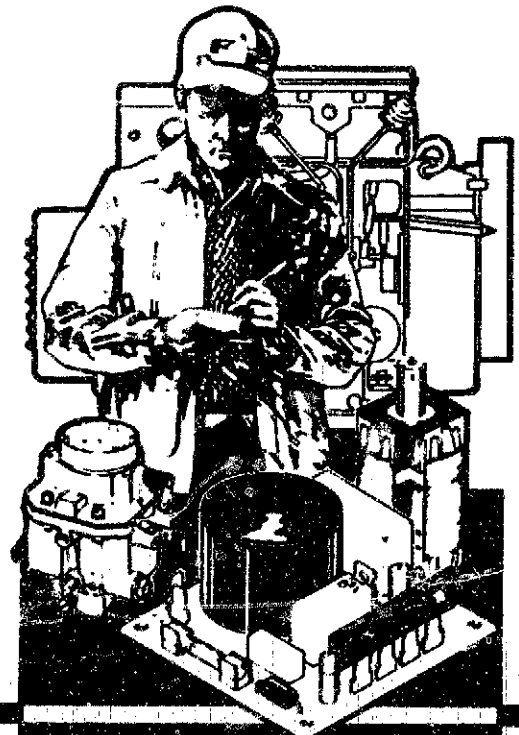


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# Onan

## Parts Manual 2.1 KM GenSet



Onan Service Parts

981-0229  
1-92 (SPEC A)  
Replaces 8-85 (SPEC A)



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## Introduction

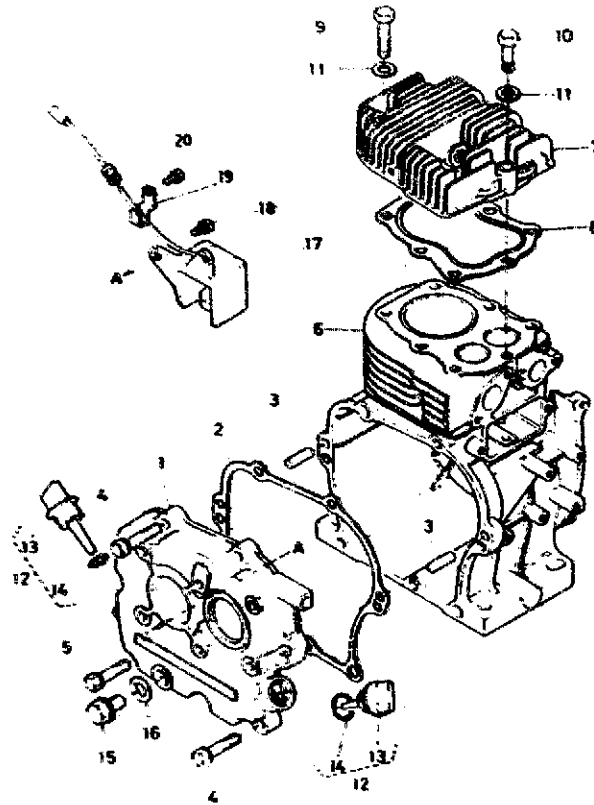
This catalog applies to the KM Generator Set. Parts are arranged in groups of related items and each illustrated part is identified by a reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using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

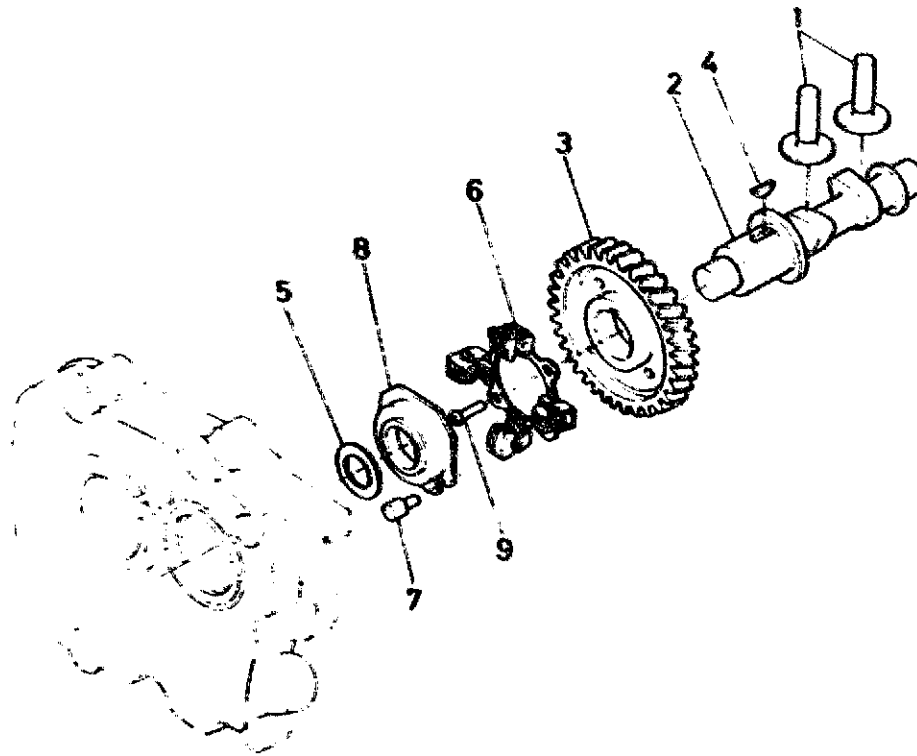


## Cylinder



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3542	1	Crankcase
2	185-3350	1	Gasket, Crankcase
3	185-3175	2	Pin, Straight
4	185-3732	2	Bolt
5	185-3731	5	Bolt
6	185-3830	1	Cylinder
7	185-3579	1	Head, Cylinder
8	185-3408	1	Gasket
9	185-3011	6	Bolt
10	185-3010	1	Bolt
11	185-3426	7	Washer, Plain
12	185-3451	2	Plug Assy, Oil Filler
13	185-3451	2	Plug, Oil Filler
14	185-3079	2	Ring, O
15	185-3453	1	Plug, Drain
16	185-3076	1	Gasket
17	185-3543	1	Watch Assy, Oil
18	185-2387	2	Bolt
19	185-4075	1	Clamp, Cord
20	185-2384	1	Screw

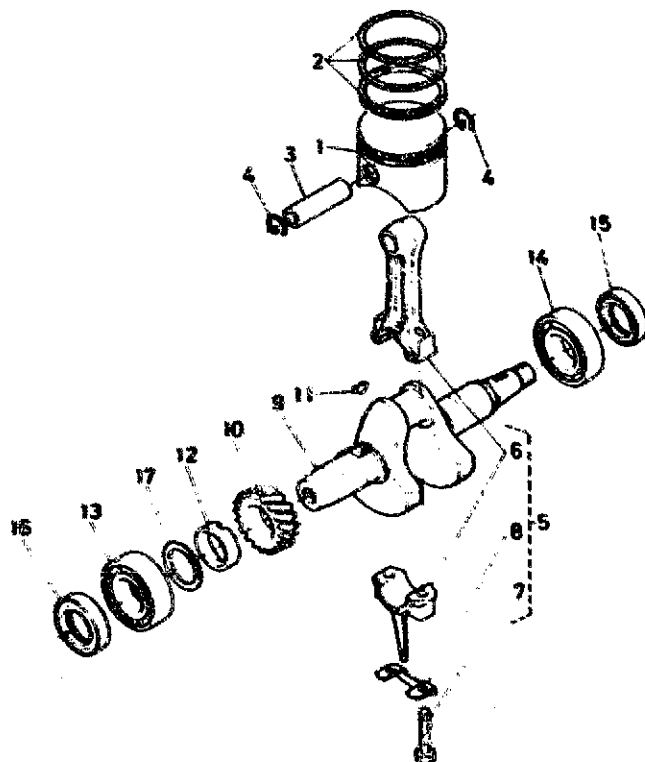
## Camshaft



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3354	2	Tappet
2	185-3390	1	Camshaft
3	185-3391	1	Gear, Camshaft
4	185-3389	1	Key, Woodruff
5	185-3399	1	Shim 20
5	185-3393	1	Shim 25
5	185-3394	1	Shim 30
5	185-3392	1	Shim 35
5	185-3395	1	Shim 40
5	185-3396	1	Shim 45
5	185-3397	1	Shim 50
5	185-3398	1	Shim 55
6	185-3373	1	Weight, Governor
7	185-3388	3	Rivet
8	185-3374	1	Sleeve, Governor
9	185-3269	1	Pin

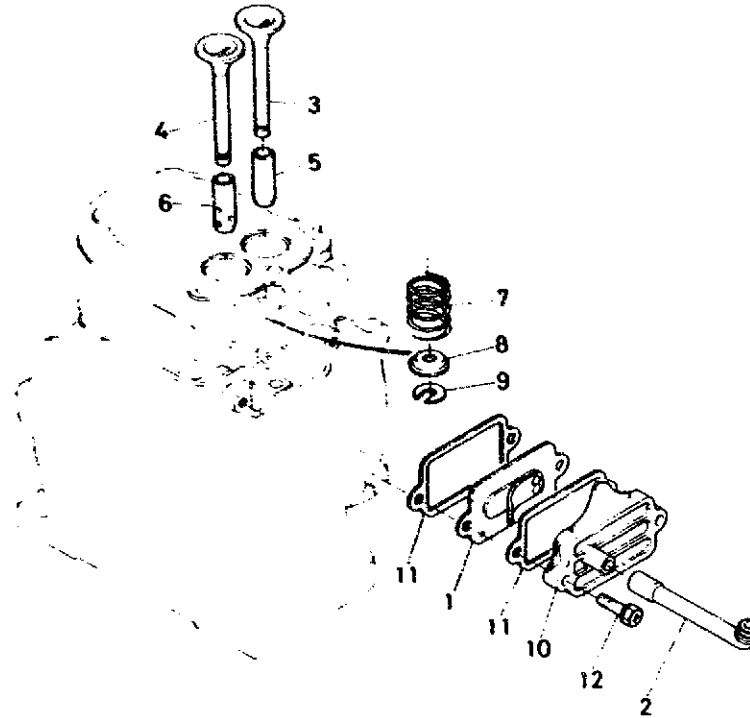


## Crankshaft



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3414	1	Piston
1	185-4091	1	Piston .5 mm Oversize
2	185-3413	1	Ring Assy, Piston
2	185-4092	1	Ring Assy, Piston .5 mm Oversize
3	185-3415	1	Pin, Piston
4	185-3416	2	Cir-Clip, Internal
5	185-3733	1	Rod Assy, Connecting
6	185-3733	1	Rod, Connecting
7	185-3727	2	Bolt, Connecting Rod
8	185-3363	1	Washer
9	185-3588	1	Crankshaft
10	185-3400	1	Gear, Crankshaft
11	185-3088	1	Key, Woodruff
12	185-3364	1	Collar
13	185-3094	1	Bearing, Ball
14	185-3096	1	Bearing, Ball
15	185-3100	1	Seal, Oil
16	185-3111	1	Seal, Oil
17	185-3371	1	Shim 20
17	185-3366	1	Shim 25
17	185-3367	1	Shim 30
17	185-3365	1	Shim 35
17	185-3368	1	Shim 40
17	185-3370	1	Shim 45
17	185-3369	1	Shim 50

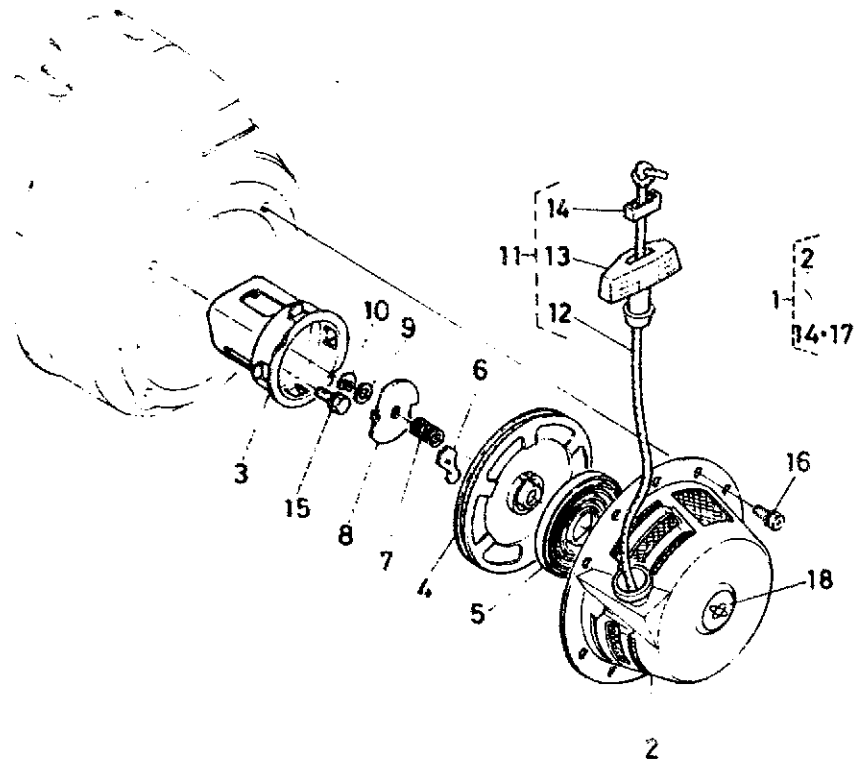
## Breather And Valves



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3351	1	Breather Assy
2	185-3580	1	Pipe, Breather
3	185-3409	1	Valve, Inlet
4	185-3410	1	Valve, Exhaust
5	185-4109	1	Guide, Inlet Valve
6	185-4110	1	Guide, Exhaust Valve
7	185-3242	2	Spring, Valve
8	185-3166	2	Retainer, Valve Spring
9	185-3171	2	Collet, Valve Spring
10	185-3352	1	Cover, Tappet Case
11	185-3353	2	Gasket
12	185-3691	2	Bolt



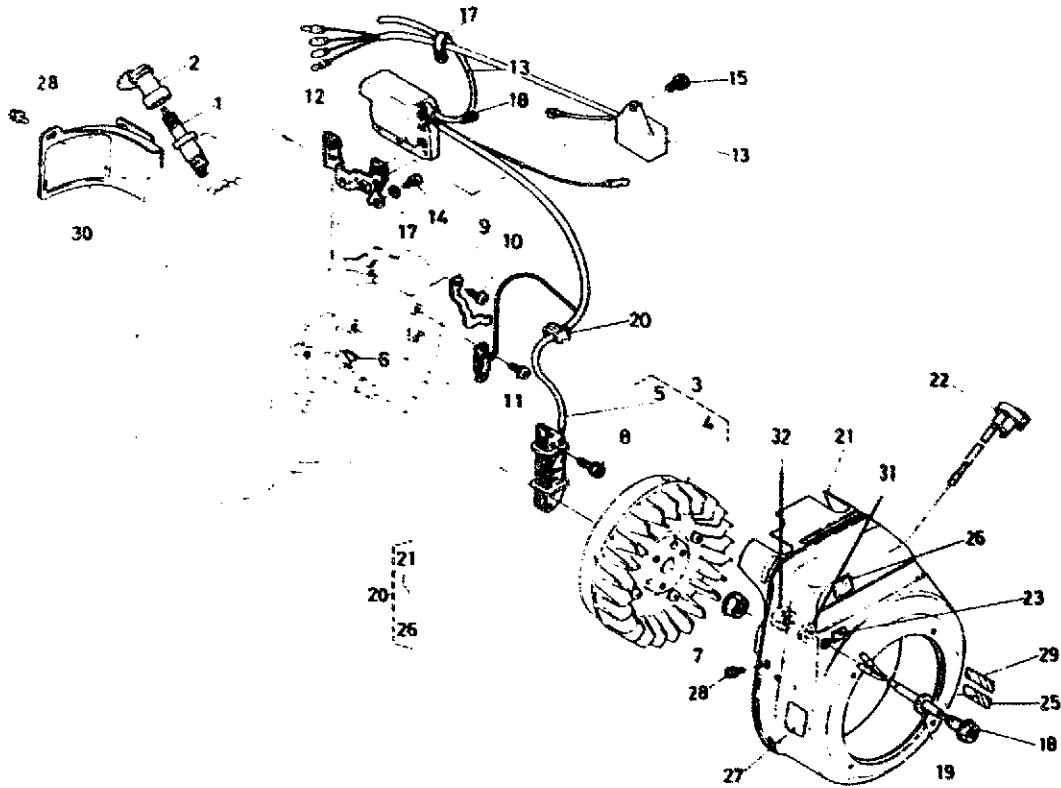
## Recoil Starter



Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Starter Assy, Recoil
2	185-3623	1	*Case, Recoil Starter
3	185-3534	1	Pulley, Start
4	185-3528	1	*Reel
5	185-3530	1	*Spring, Spiral
6	185-3529	3	*Claw
7	185-3532	1	*Spring
8	185-3531	1	*Plate, Pressure
9	185-3533	1	*Washer, Thrust
10	185-3073	1	*Cir-Clip, External
11	185-3252	1	*Rope Assy
12	185-3253	1	*Rope
13	185-3252	1	*Handle
14	185-3255	1	*Stopper, Rope
15	185-2387	3	Bolt
16	185-3013	4	Bolt
17	185-3581	1	Starter Assy, Recoil Sub (Includes Parts Marked *)
18	185-3606	1	Label, Ignition

\* Parts Included in 185-3581 Recoil Starter Sub Assembly.

# Magneto

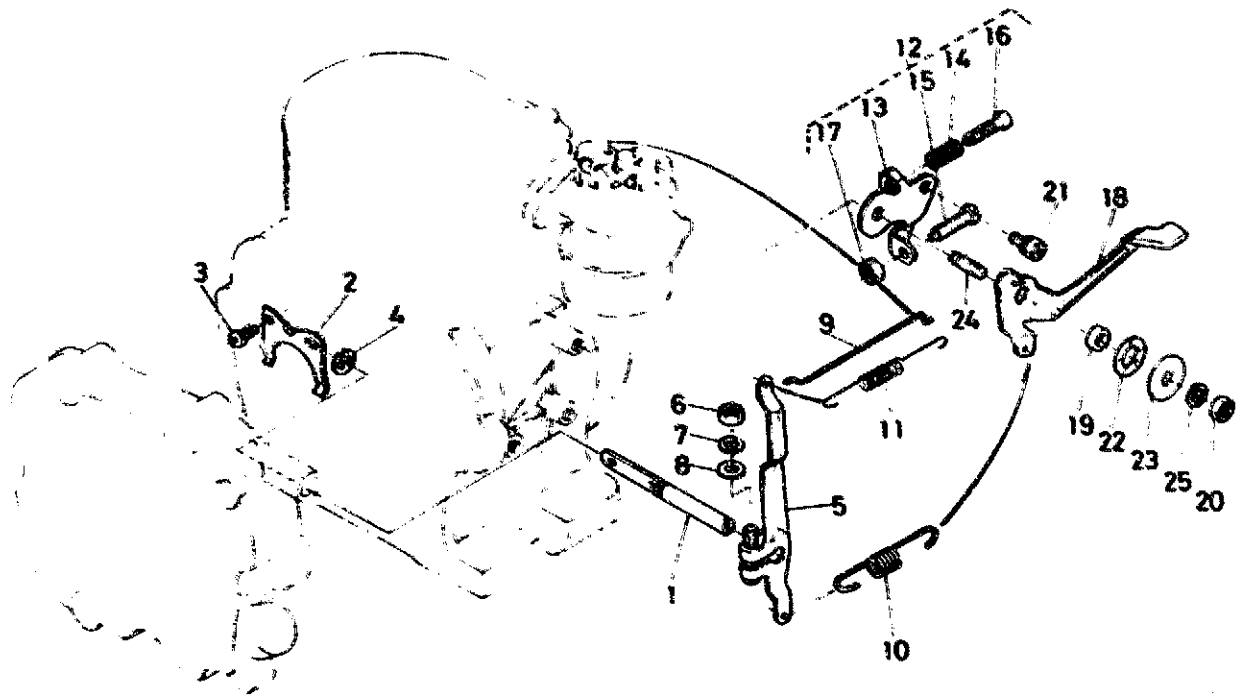


Ref. No.	Part No.	Qty. Used	Part Description
1	185-3524	1	Plug, Spark
2	185-3729	1	Cap, Spark Plug
3	NFS	1	Magneto Assy
4	185-3155	1	Rotor
5	185-3545	1	Coil, Ignition
6	185-3088	1	Key, Woodruff
7	185-3513	1	Nut
8	185-3691	2	Bolt
9	185-3156	1	Clamp, Cord
10	185-3386	1	Screw
11	185-3324	2	Screw
12	185-3547	1	Stay
13	185-3546	1	Watch, Oil
14	185-2400	2	Bolt
15	185-2387	1	Bolt
16			
17	185-3797	1	Clamp, Pipe
18	185-3186	1	Lamp Assy
19	185-3075	1	Gasket
20	185-3548	1	Case Assy, Spiral
21	185-3548	1	Case, Spiral
22	185-3107	1	Switch Assy, Stop
23	185-4054	1	Label, Oil Watch
24			
25	185-4057	1	Label, MFD
26	185-4067	1	Label, Fuel
27	185-3209	1	Label, Speed
28	185-3503	7	Bolt
29	185-3540	1	Label
30	185-3207	1	Cowling, Cylinder
31	185-4069	1	Washer
32	185-3035	1	Nut



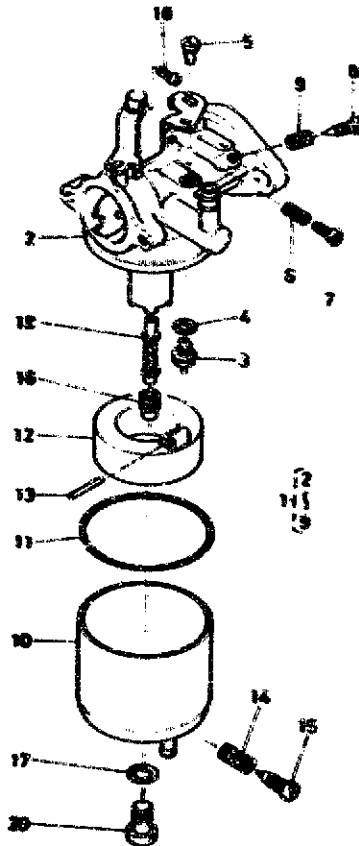


## Governor



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3376	1	Shaft, Governor Lever
2	185-3377	1	Rocker, Governor
3	185-3042	2	Screw
4	185-3074	1	Cir-Clip, External
5	185-3375	1	Lever, Governor
6	185-3026	1	Nut
7	185-2380	1	Washer, Spring
8	185-2376	1	Washer, Plain
9	185-3378	1	Rod
10	185-3379	1	Spring 1
11	185-3380	1	Spring 2
12	185-3602	1	Plate Assy, Speed Control
13	185-3602	1	Plate, Speed Control
14	185-3496	1	Spring
15	185-3385	1	Screw
16	185-3387	1	Screw
17	185-3026	1	Nut
18	185-3603	1	Lever, Speed Control
19	185-3381	1	Collar
20	185-3026	1	Nut
21	185-3692	1	Bolt
22	185-3566	1	Washer, Spring
23	185-3382	1	Plate, Pressure
24	185-3384	1	Stud
25	185-2380	1	Washer, Spring

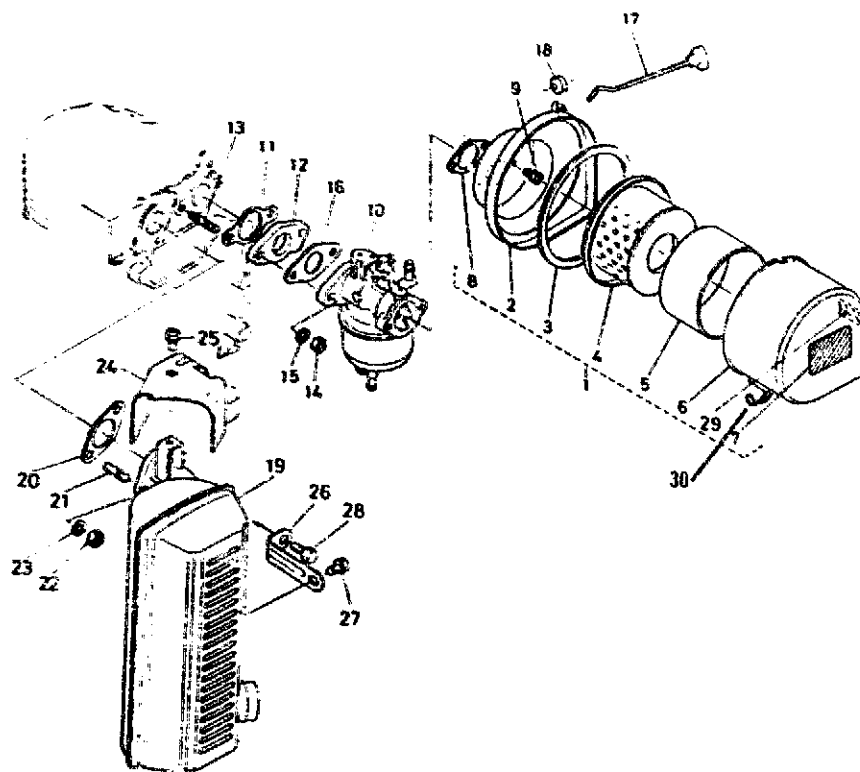
## Carburetor



Ref. No.	Part No.	Qty. Used	Part Description
	185-3599	1	Carburetor (Includes Items 1-20)
1	185-3599	1	Body Assy, Carburetor
2	185-3599	1	Body, Carburetor
3	NFS	1	*Valve, Needle
4	NFS	1	*Gasket
5	185-3527	1	Jet, Pilot
6	185-3244	1	Spring
7	185-3470	1	Screw, Idle
8	NFS	1	*Screw, Pilot
9	NFS	1	*Spring
10	185-3249	1	Body, Float Chamber
11	NFS	1	*Gasket
12	185-3248	1	Float
13	NFS	1	*Pin, Float
14	185-3250	1	Spring
15	185-3251	1	Screw, Drain
16	185-3243	1	Holder Assy
17	NFS	1	*Gasket
18	185-3043	1	Screw
19	185-3526	1	Nozzle, Main
20	185-3246	1	Jet, Main
	185-4127	1	Kit, Carb Repair (Includes Parts Marked * Plus Mtg Gaskets)

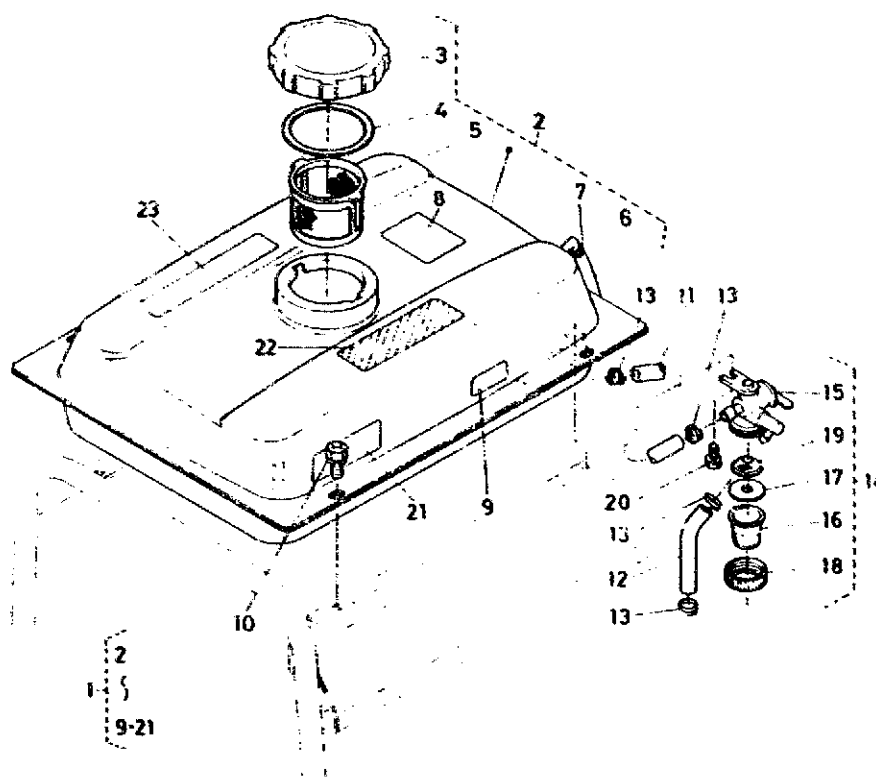
\* Parts included in 185-4127 Carburetor Repair Kit

## Air Cleaner And Muffler



Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Cleaner Assv. Air
2	185-3582	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	185-3585	1	Gasket. Air Cleaner
9	185-2387	2	Bolt
10	185-3599	1	Carburetor Assv
11	185-3418	1	Gasket. Carburetor
12	185-3419	1	Flange. Carburetor
13	185-3020	2	Stud
14	185-3026	2	Nut
15	185-2380	2	Washer. Spring
16	185-3420	1	Gasket
17	185-3605	1	Rod. Choke
18	185-3519	1	Cushion. Choke Rod
19	185-3609	1	Muffler
20	185-3167	1	Gasket
21	185-2361	2	Stud
22	185-2366	2	Nut
23	185-2381	2	Washer. Spring
24	185-3586	1	Cover. Muffler Flange
25	185-3013	1	Bolt
26	185-3587	1	Stav. Muffler
27	185-3009	1	Bolt
28	185-3421	1	Bolt
29	185-3722	1	Label. Choke
30	185-5091	1	Clip. Air Cleaner

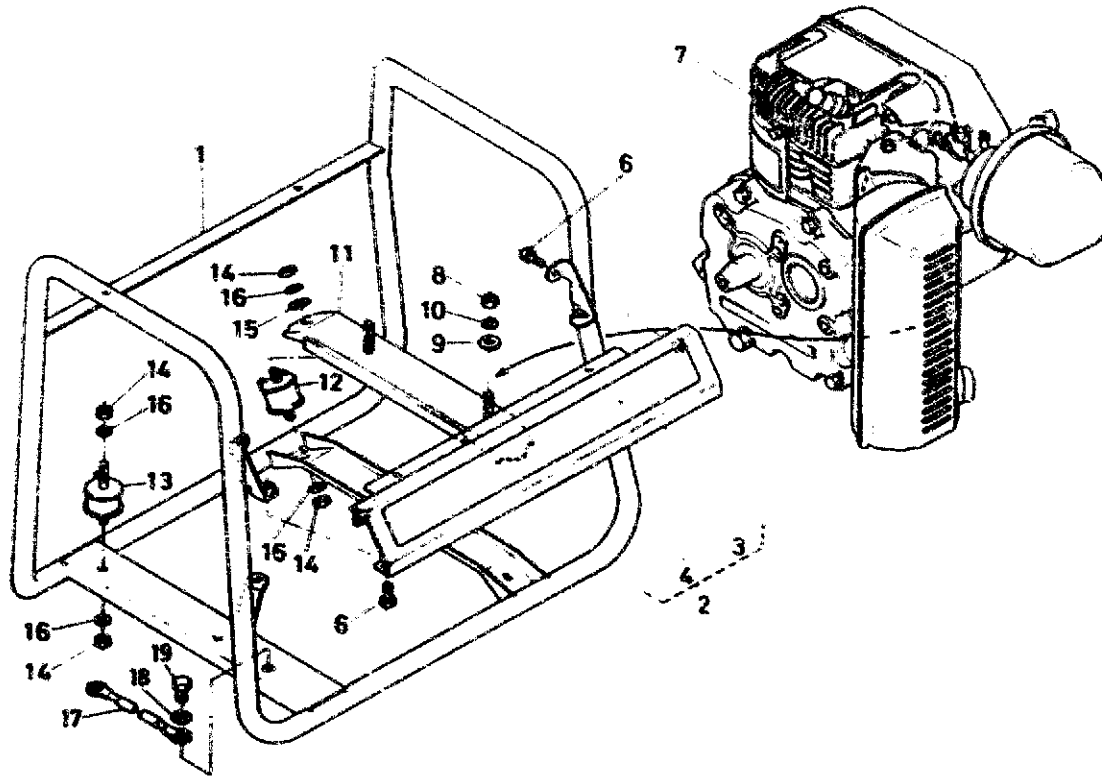
## Fuel Tank



Ref. No.	Part No.	Qty. Used	Part Description
1	185-3162	1	Tank Assy, Fuel
2	185-3162	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	2	Label, Caution
9	185-4003	1	Label, Caution
10	185-3503	4	Bolt
11	185-4135	1	Pipe, Fuel 1
12	185-4135	1	Pipe, Fuel 2
13	185-3372	4	Clip, Fuel Pipe
14	185-3597	1	Filter Assy, Fuel
15	185-3598	1	Body Assy, Filter
16	185-3661	1	Pot, Filter
17	185-3662	1	Gasket
18	185-3459	1	Ring, Retainer
19	185-3460	1	Element, Filter
20	185-2387	1	Bolt
21	185-3195	1	Label, Codes
22	185-3866	1	Label, Rating Logo
23	185-3970	1	Label, Rating

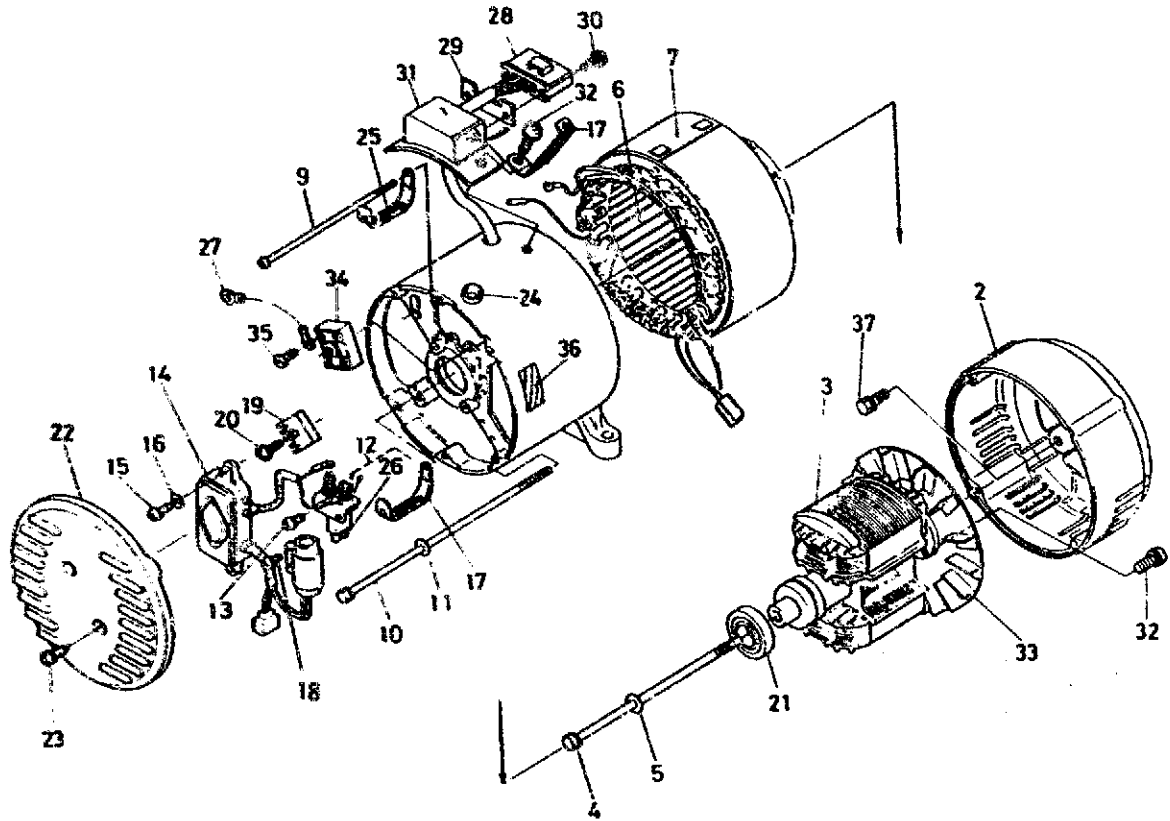


## Engine Frame



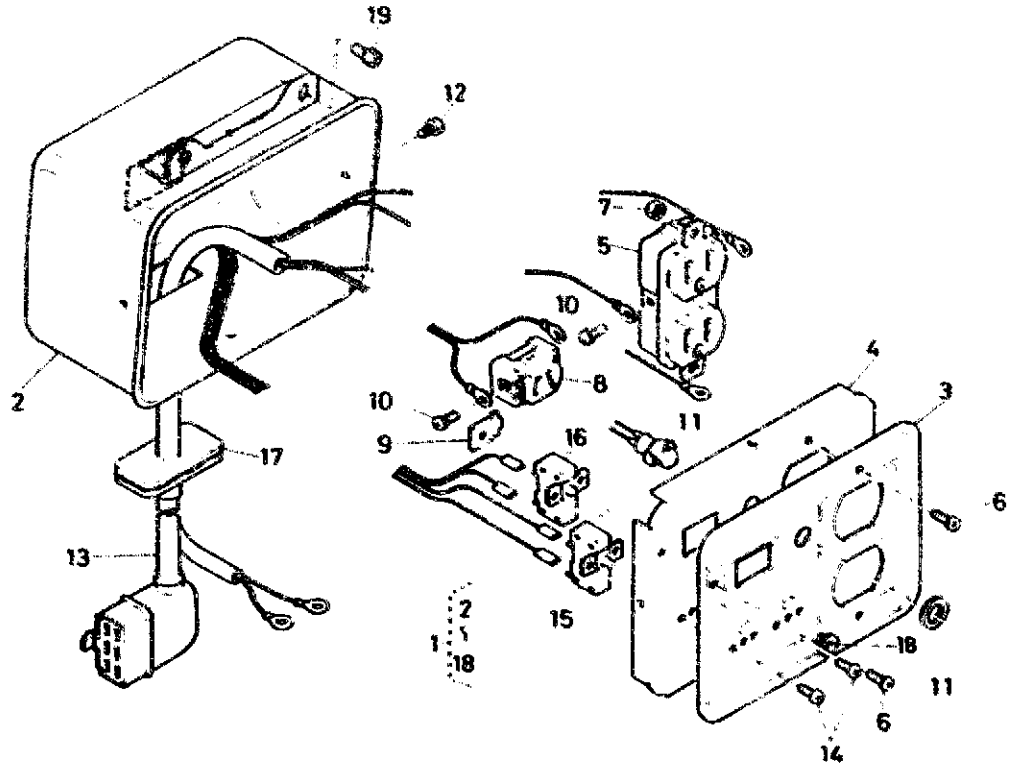
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3963	1	Frame, Pipe
2	185-4012	1	Plate Assy, Front
3	185-4012	1	Plate, Front
4	185-3969	1	Label, Onan Logo
5			
6	185-2399	4	Bolt
7	185-3541	1	Engine
8	185-3034	2	Nut
9	185-3068	2	Washer, Plain
10	185-3071	2	Washer, Spring
11	185-3965	1	Base, Engine
12	185-3838	2	Cushion 1
13	185-3839	2	Cushion 2
14	185-2366	8	Nut
15	185-2777	1	Washer, Plain
16	185-2381	7	Washer, Spring
17	185-4071	1	Cord, Bonding
18	185-4072	2	Washer
19	185-3009	1	Bolt

# Generator



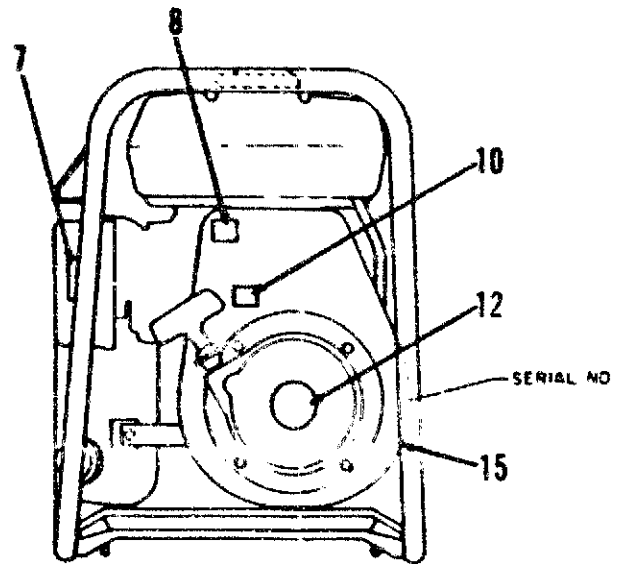
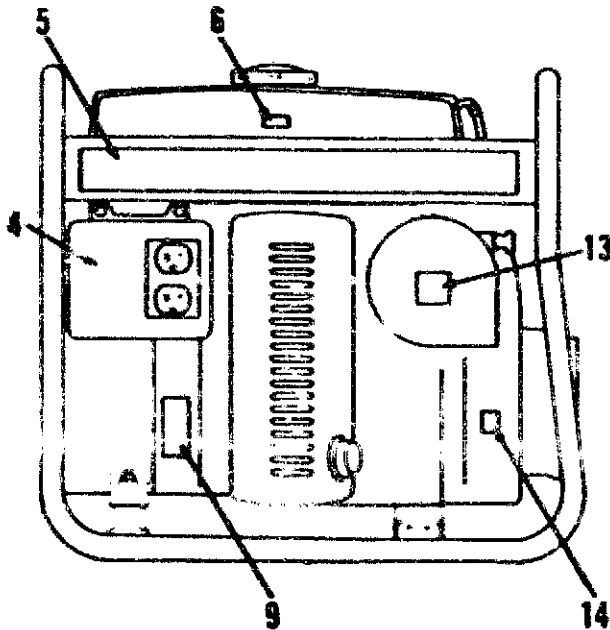
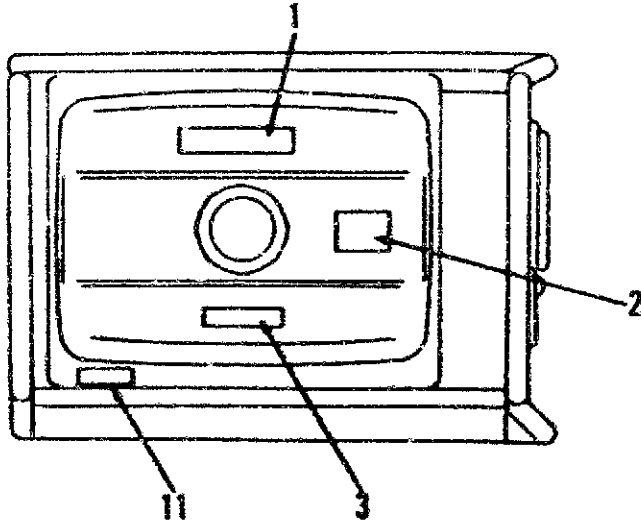
Ref. No.	Part No.	Qty. Used	Part Description
1	185-3967	1	Generator Assy (Includes Items 2-35)
2	185-3840	1	Bracket, Front
3	185-3841	1	Rotor Assy
4	185-3842	1	Bolt, Center
5	185-2777	1	Washer, Plain
6	185-3968	1	Stator Assy
7	185-3966	1	Cover, Band
8	185-3945	1	Bracket, Rear
9	185-3855	2	Screw
10	185-3851	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	185-3052	2	Screw
16	185-3067	2	Washer, Plain
17	185-3846	2	Plate
18	185-3053	3	Screw
19	185-2920	1	Diode Assy

## Control



Ref. No.	Part No.	Qty. Used	Part Description
1	NFS	1	Box Assy, Control
2	185-3986	1	Box, Control
3	185-3867	1	Panel
4	185-4014	1	Plate, Panel
5	185-3865	1	Receptacle (AC)
6	185-3044	3	Screw
7	185-3989	2	Nut
8	185-3921	1	Receptacle (DC)
9	185-3849	1	Plate, S
10	185-3951	5	Screw
11	185-4033	1	Lamp Assy
12	185-3852	4	Bolt
13	185-3990	1	Harness Assy, Wire
14	185-3041	1	Screw
15	185-3952	4	Circuit Breaker 10A
16	185-4015	1	Circuit Breaker 20A
17	185-3848	1	Bushing, Rubber
18	185-4052	1	Terminal Assy, Earth
19	185-2386	3	Bolt
	185-4080	1	Cord Assy, DC

## Labels



Ref. No.	Part No.	Qty Used	Part Description
1	185-3970	1	Label, Rating
2	185-3937	1	Label, Caution
3	185-3666	1	Label, Rating Logo
4		1	Label, Cont Panel
5	185-3969	1	Label, Power Express
6	185-4003	1	Label, Caution
7	185-3722	1	Label, Choke
8	185-4067	1	Label, Fuel
9	185-3961	1	Label, Oil Level
10	185-4054	1	Label, Oil Watch
11	185-3195	1	Label, Codes
12	185-3606	1	Label, Ignition
13	185-3607	1	Label, Air Cleaner
14	185-3209	1	Label, Speed Adjust
15	185-4057	1	Label, MFD



## Miscellaneous

Ref. No.	Part No.	Qty. Used	Part Description
1	185-4122	1	Gasket Set
2	525-0491	1	Paint (Grey)
3	525-0305	1	Paint (Green)



**Onan Corporation**  
*A Subsidiary of*  
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**Minneapolis, MN 55432**

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**Telex 29 0476 (U.S.)**  
**Telex 29 0856 (outside U.S.)**  
**TWX 910 576-2833**  
**Cable ONAN**