



Parts Manual

Cummins **Onan**

Performance you rely on.™



50 Hz Australian / European Portable Generator Set

EGMBR / P2200
EGMBS / P2600

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

The following symbols are used in Cummins/Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.



This symbol warns of immediate hazards which will result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.

PRODUCT SAFETY PRECAUTIONS



Service and repair of Cummins / Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.



Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.



Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!



Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!

Introduction

This parts manual applies to the European, Australian generator sets listed below. Parts are arranged in groups of related items and each illustrated part is defined by a reference number corresponding to the same reference number in the parts list. 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. Unless otherwise noted parts are compatible Australian and European.

Generator Set Data Tables

Model Identification	Fuel	Amps	Voltage	Hertz	Watts
EGMBR P2200	Gasoline	8.3	120/240	50	4000
EGMBS P2600e	Gasoline	10.4	120/240	50	5000

- * The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A, to B, to C, etc.) with major manufacturing changes.

FOREWORD

This parts catalogue is compiled all service parts for Cummins model P2200 & P2600e. When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time.

We recommend obtaining such revisions in order to keep your parts catalogue upto date at all times. To check whether a parts catalogue revision has been issued, please contact your Cummins distributor.

INDEX OF DESCRIPTION SYMBOLS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AY	ASSEMBLY	HEX.	HEXAGONAL
COMP	COMPLETE	P=	PITCH (in mm)
EX.....	EXPORT (from Japan)	P.T.O. (PTO).....	POWER TAKE OFF
FIG.	FIGURE	REF.....	REFERENCE
FR.	FRONT	R	RIGHTHAND SIDE
"	INCH	RR	REAR
INCL.	INCLUDE	STD	STANDARD
~L	LITRE	SW	SWITCH
L=	LENGTH (in. mm)	T=	THICKNESS (in mm)
L	LEFT HAND SIDE	UN	UNIT
MECH	MECHANICAL	U.S.	UNDER SIZE
NO (NON)	NONE	~V.....	VOLTAGE
OPT.	OPTIONAL	~W	WATT
O.S.	OVER SIZE	W/	WITH
N.	INLET	W/O	WITHOUT
EX.	EXHAUST	A.C.	ALT CURRENT
IN.	INLET	D.C.	DIRECT CURRENT
		AU	AUSTRALIAN
		EU	EUROPEAN

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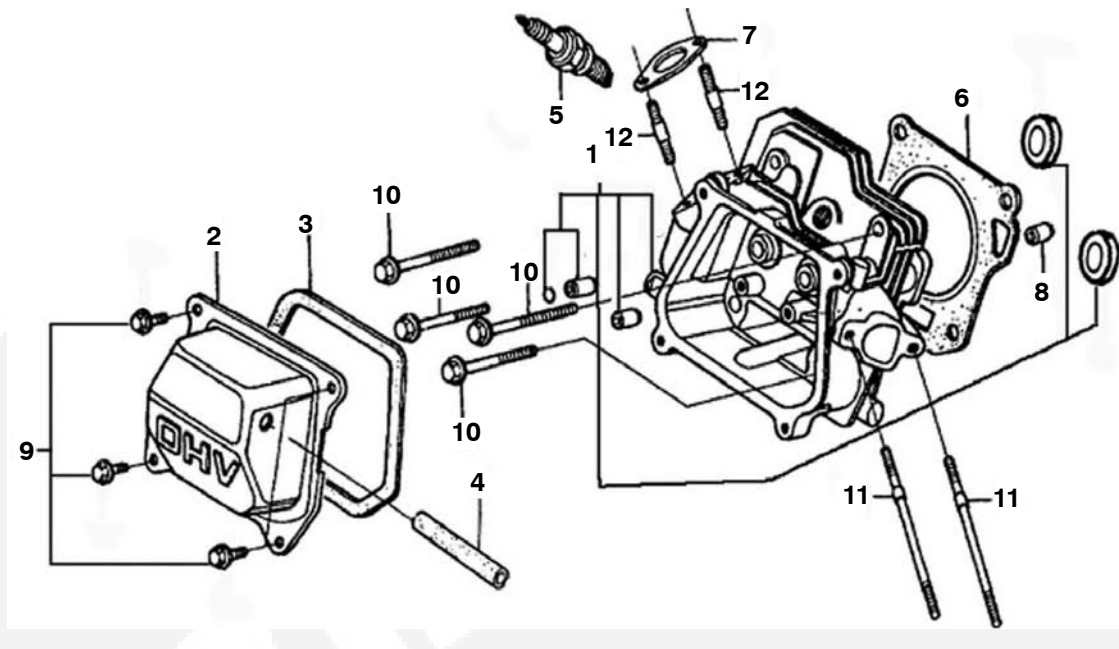
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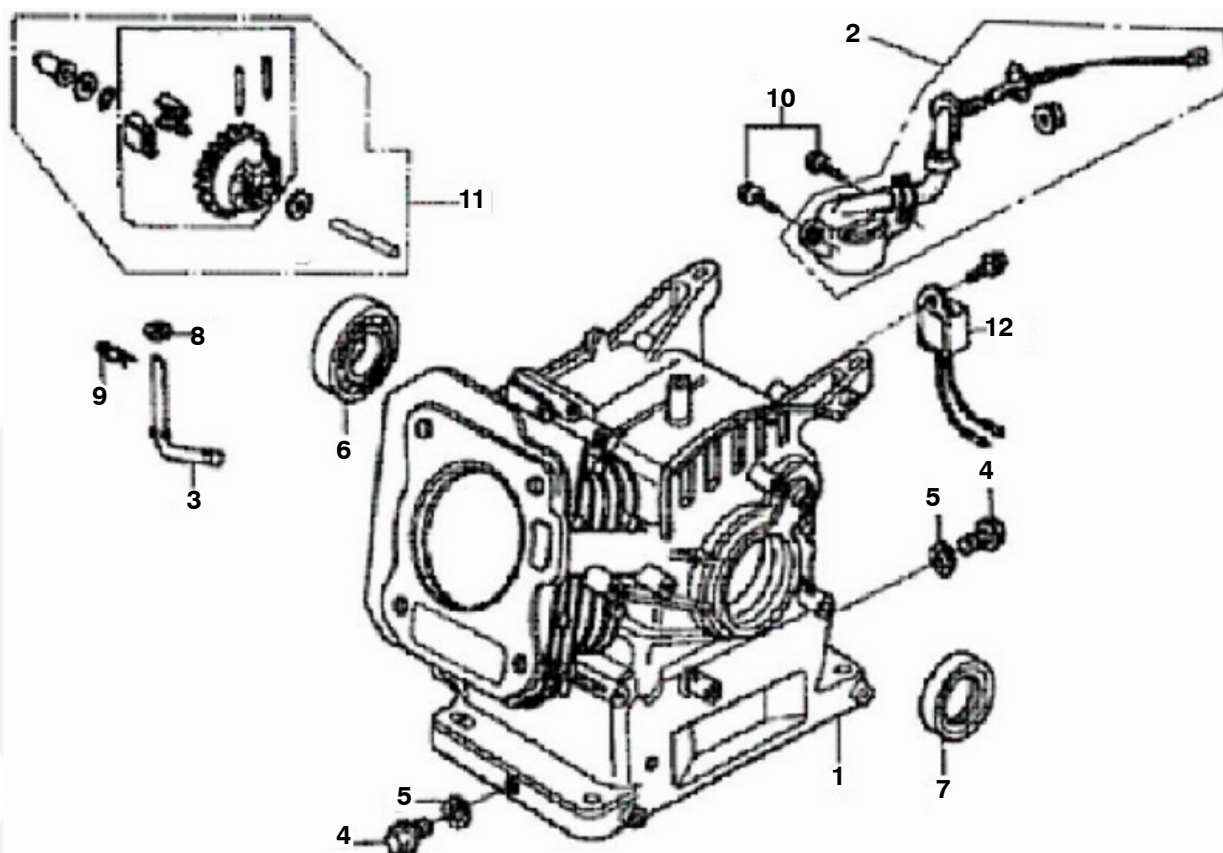
Cylinder Head



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0241	1	Head, Cylinder
2	181-0245	1	Cover, Valve
3	181-0246	1	Gasket, Cover
4	181-0413	1	Hose, Breather
5	181-0248	1	Plug, Spark
6	181-0250	1	Gasket, Cylinder Head
7	A028W263	1	Gasket, Muffler
8	516-2125	2	Pin, Dowel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	181-0252	4	Screw, Hex Flange Head
10	A026K900	4	Screw, Hex Flange Head
11	181-0434	2	Stud (Intake)
12	181-0482	2	Stud (Exhaust)

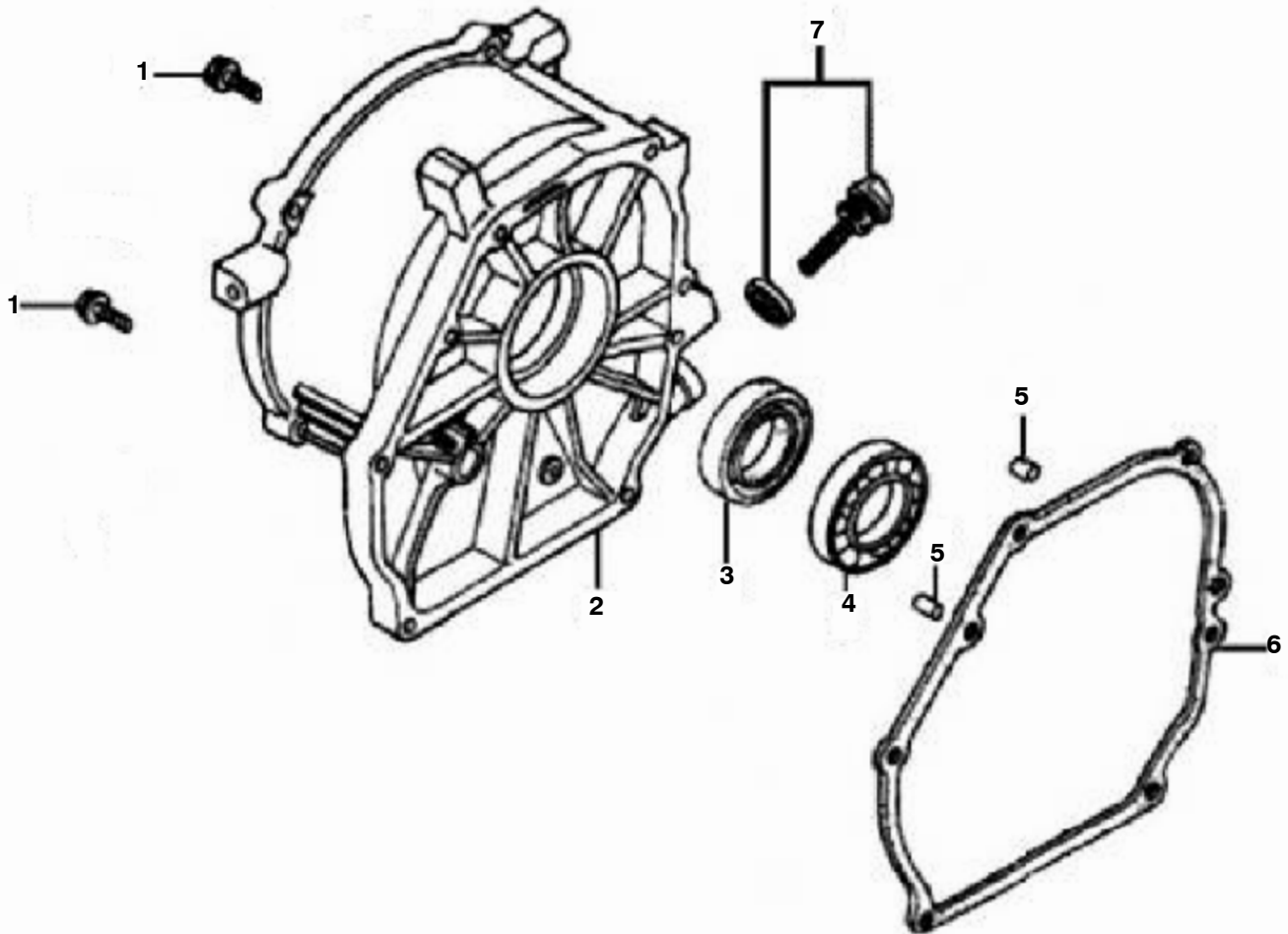
Crankcase



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0259	1	Block, Cylinder	7	181-0443	1	Seal, Oil
2	181-0260	1	Switch, Level (Oil)	8	526-2354	1	Washer, Sealing
3	181-0261	1	Shaft, Governor	9	181-0487	1	Clip, Spring
4	181-0442	2	Plug, Drain	10	181-0252	2	Screw, Hex Flanged Head
5	181-0441	2	Washer, Sealing	11	A026K963	1	Governor
6	181-0438	1	Bearing, Ball	12	181-0036	1	Switch, Level



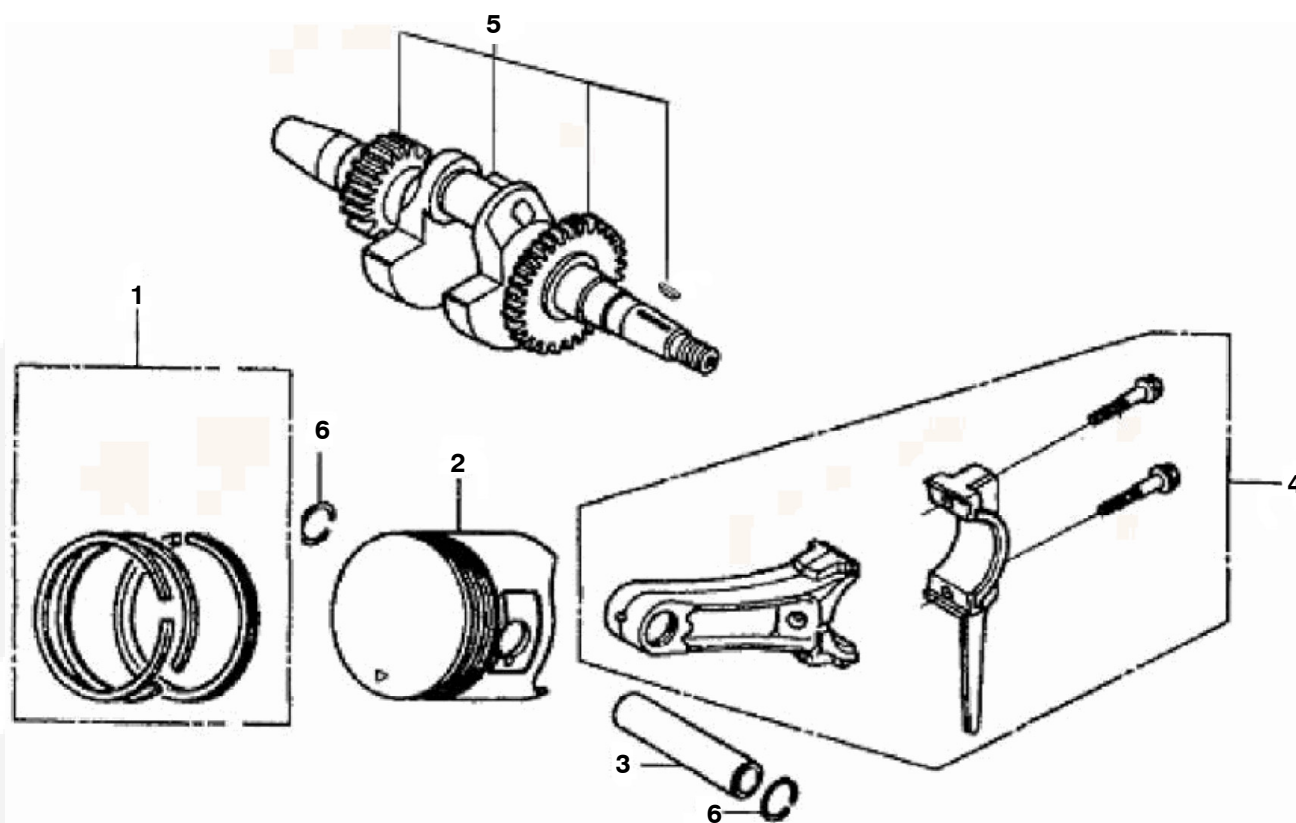
Crankcase Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0093	6	Screw, Hex Flanged Head	5	181-0444	2	Pin, Dowel
2	181-0270	1	Duct, Air	6	A028W227	1	Gasket, Crankcase
3	181-0443	1	Seal, Oil	7	181-0275	1	Cap, Oil Fill
4	181-0438	1	Bearing, Ball				



Crankshaft and Piston

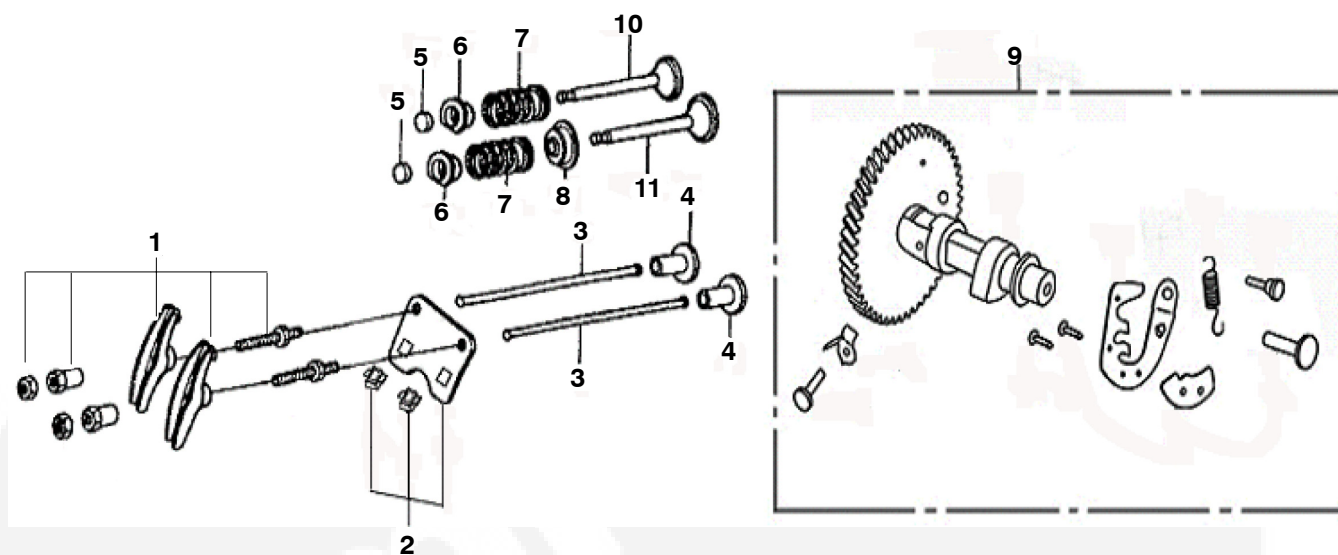


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0276	1	Kit, Piston Ring
2	181-0278	1	Piston
3	181-0279	1	Pin, Piston

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	181-0280	1	Connecting, Rod
5	181-0282	1	Crankshaft
6	181-0283	2	Retainer, Piston Pin



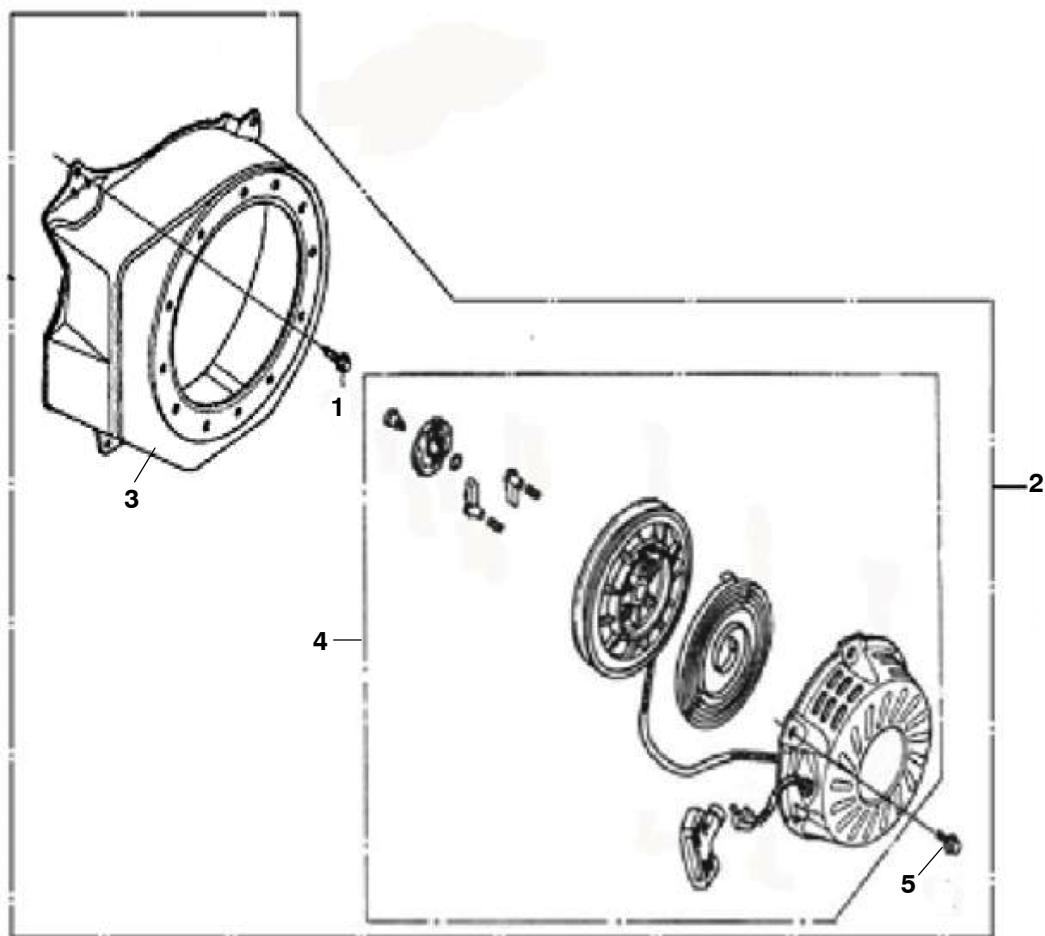
Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0447	2	Arm, Rocker
2	181-0291	1	Assy Plate
3	181-0292	1	Pushrod
4	181-0294	2	Pushrod, Guide
5	181-0295	2	Rotator, Valve
6	181-0296	2	Retainer, Valve Spring

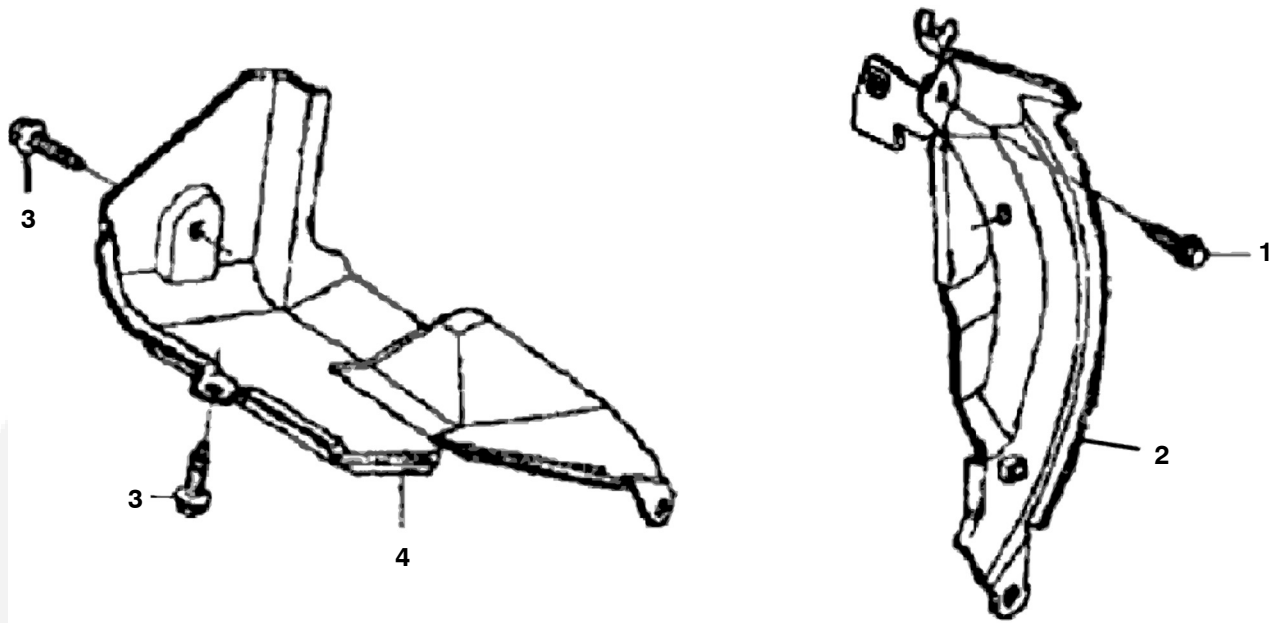
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	181-0297	2	Spring, Valve
8	181-0298	2	Seal, Valve Stem
9	181-0300	1	Camshaft
10	181-0302	1	Valve, Exhaust
11	181-0303	1	Valve, Intake

Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0311	4	Screw, Hex Flanged Head
2	181-0501	1	Starter, Recoil Reel
3	234-1083	1	Cover, Fan
4	191-2480	1	Assy, Starter Motor
5	181-0317	3	Bolt, Flanged Head (M6 x 8mm)

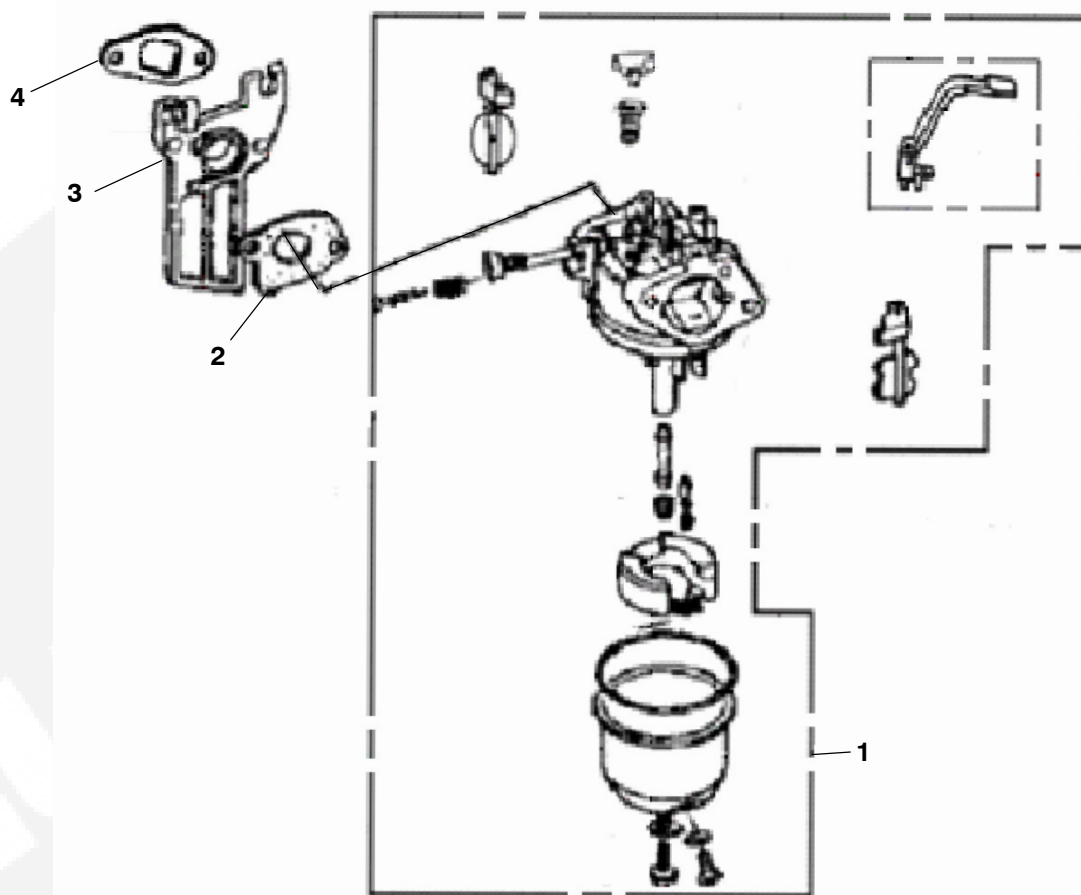
Baffle



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0315	1	Screw, Hex Flanged Head (M6 x 20mm)
2	181-0316	1	Baffle, Air
3	181-0317	1	Screw, Hex Flanged Head (M6 x 8mm)
4	181-0318	1	Baffle, Air

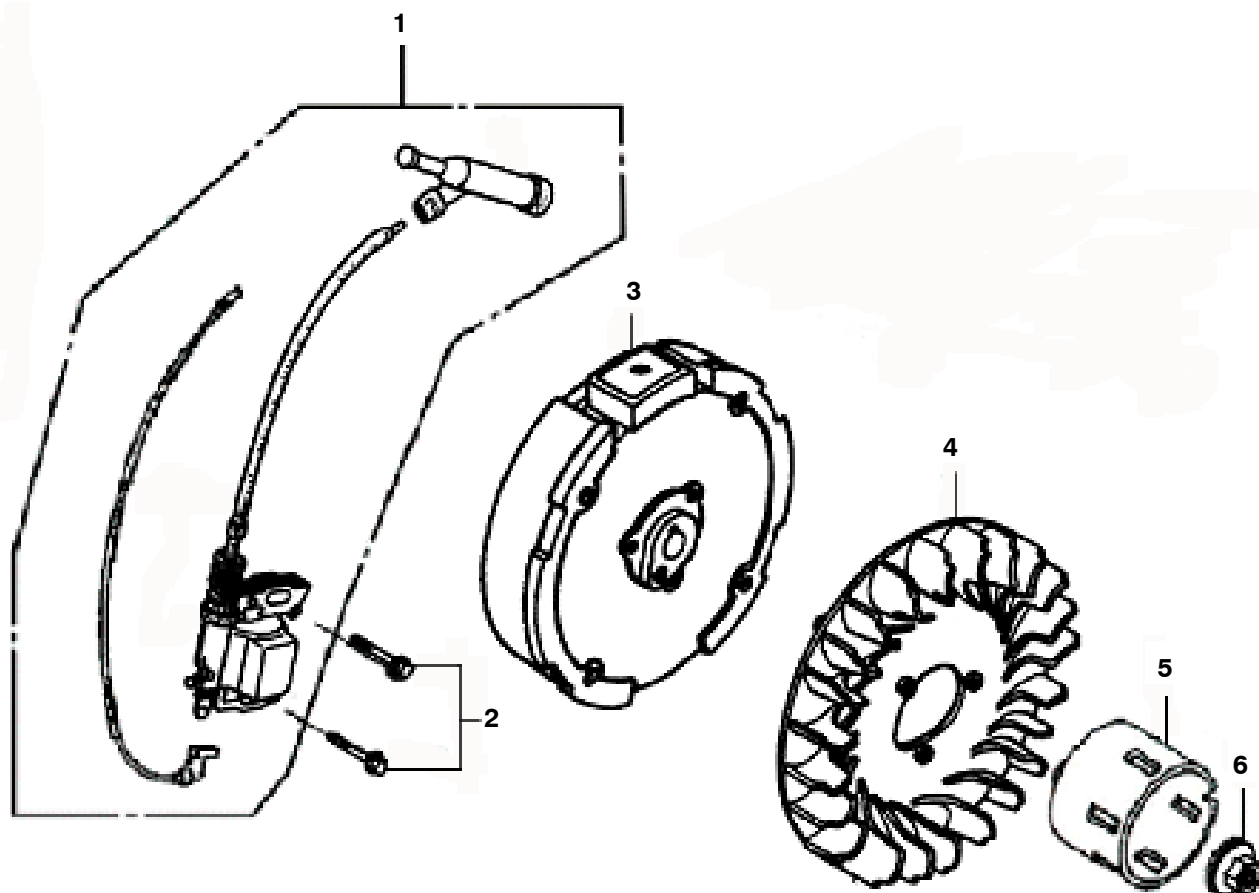


Carburetor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0320	1	Carburetor
2	A028W229	1	Gasket, Carburetor
3	181-0323	1	Insulator
4	A028W231	1	Gasket, Carburetor

Flywheel

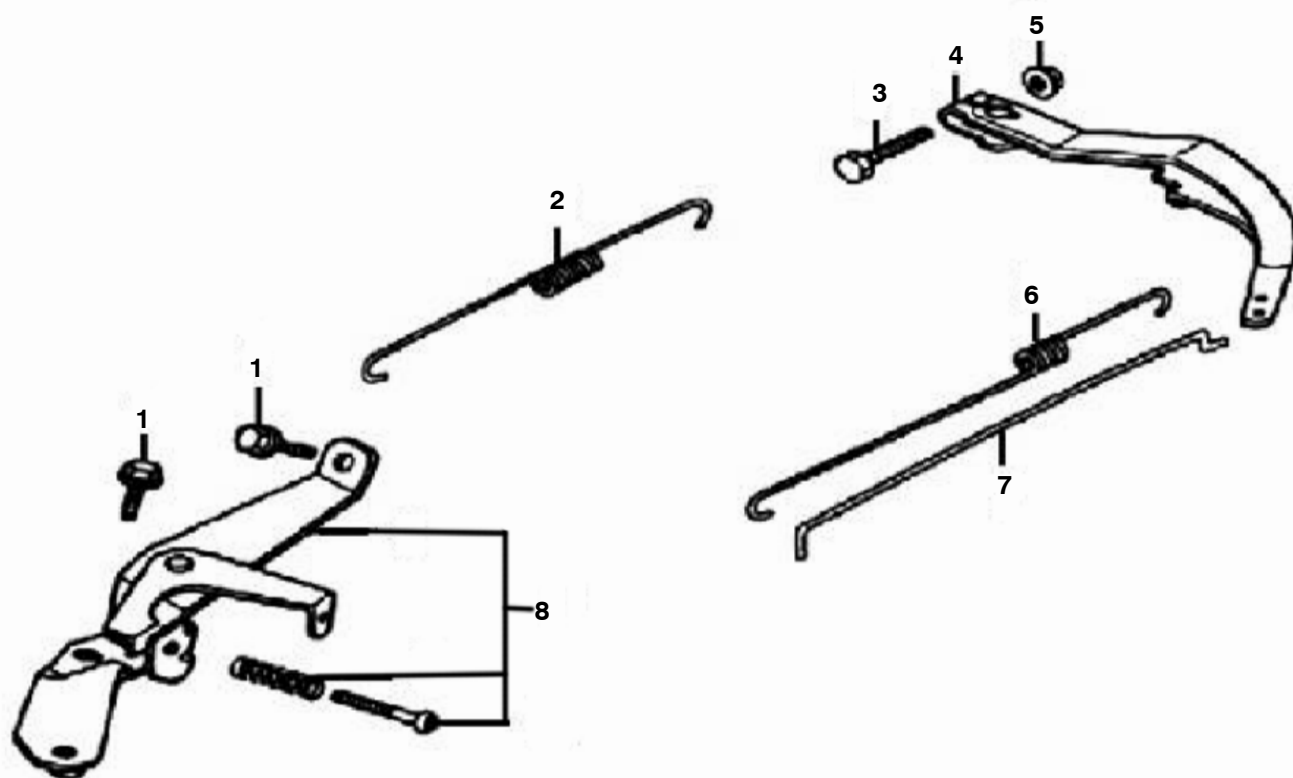


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0422	1	Assy, Coil
2	181-0338	2	Screw, Hex Flanged Head (M6 x 25mm)
3	181-0449	1	Flywheel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	181-0330	1	Assy, Fan
5	181-0331	1	Starter, Recoil
6	181-0450	1	Nut, Hex Flanged (18mm)



Governor

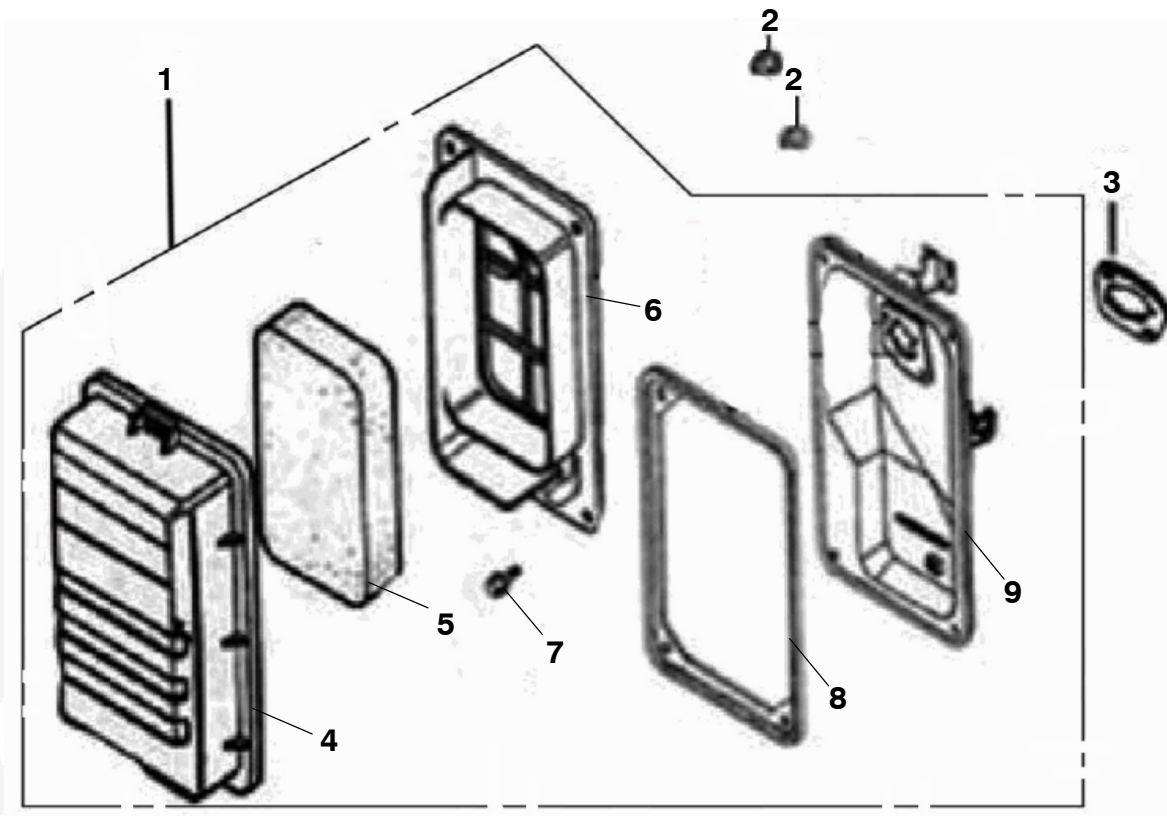


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0311	2	Screw, Hex Flanged Head (M6 x 10mm)
2	181-0341	1	Spring, Governor
3	181-0452	1	Screw, Governor
4	181-0343	1	Lever, Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	181-0344	1	Nut, Hex Flanged
6	880-0528	1	Spring, Extension
7	181-0346	1	Rod, Governor
8	181-0451	1	Assy, Control



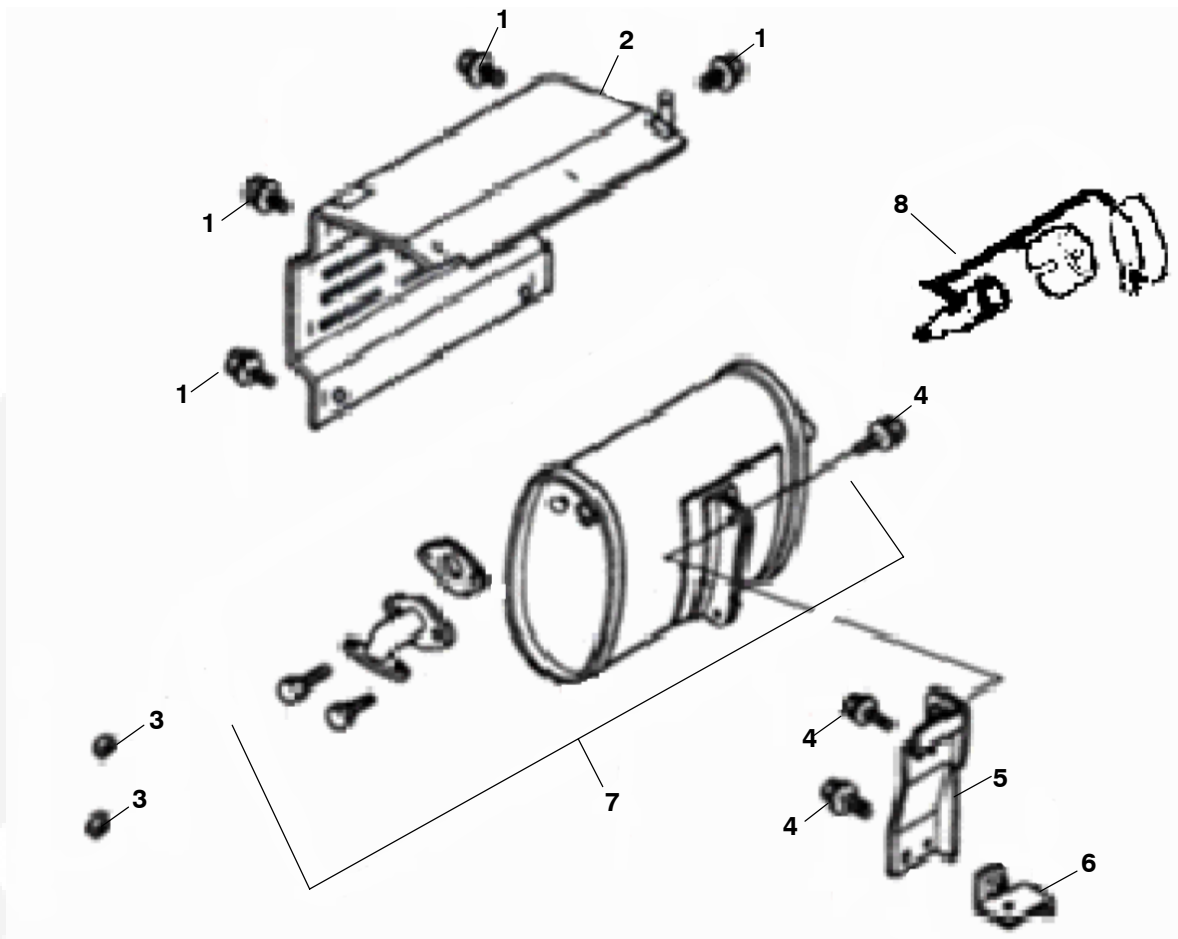
Air Cleaner



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0453	1	Cleaner, Air
2	181-0344	2	Nut, Hex Flanged (M6)
3	A028W233	1	Gasket, Air Cleaner
4	140-4229	1	Cover, Air Cleaner
5	140-4230	1	Element, Air Cleaner
6	140-4231	1	Intake, Air Cleaner Nose
7	518-0784	4	Screw, Air Cleaner
8	140-4232	1	Gasket, Air Cleaner
9	140-4233	1	Component, Air Cleaner



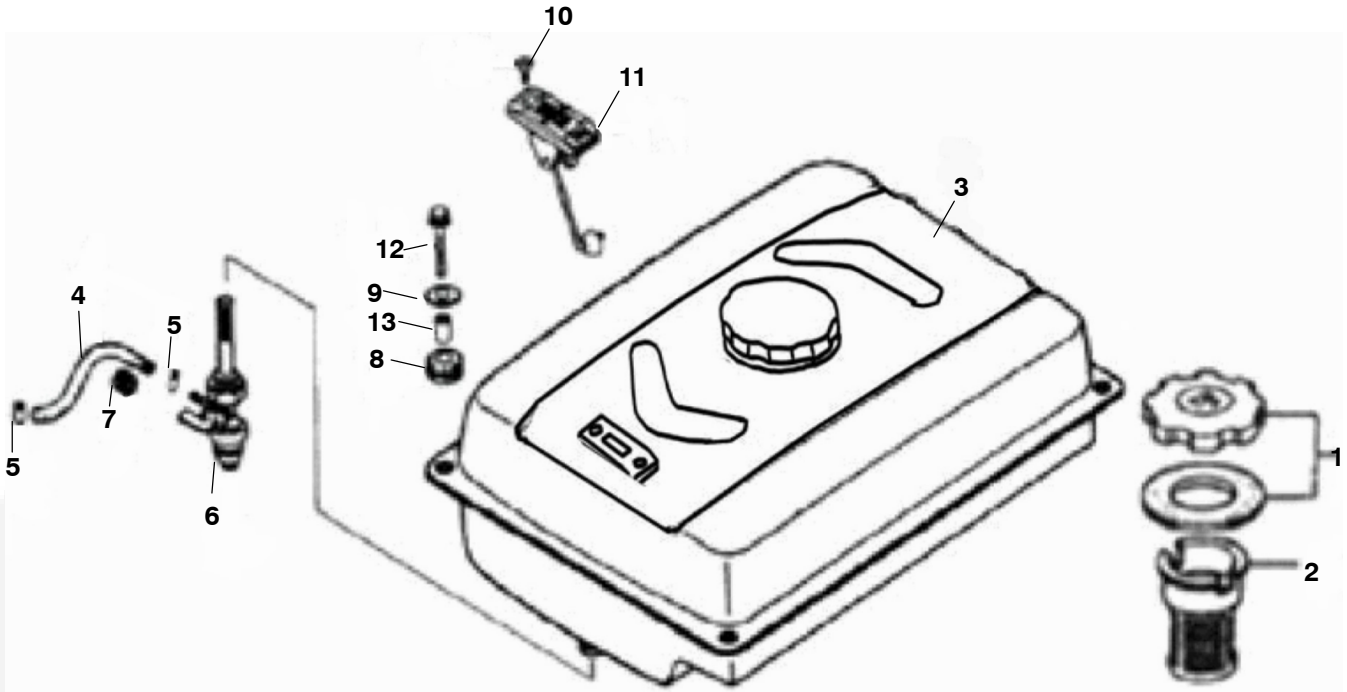
Muffler



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0311	6	Screw, Hex Flanged Head	6	181-0365	1	Bracket, Muffler
2	181-0359	1	Exhaust, Heat Shield	7	A026K959	1	P2200
3	181-0455	2	Nut, Hex		155-4766	1	P2600
4	181-0411	3	Screw, Hex Flanged Head	8	181-0454	1	Arrestor, Spark
5	181-0364	1	Bracket, Muffler				



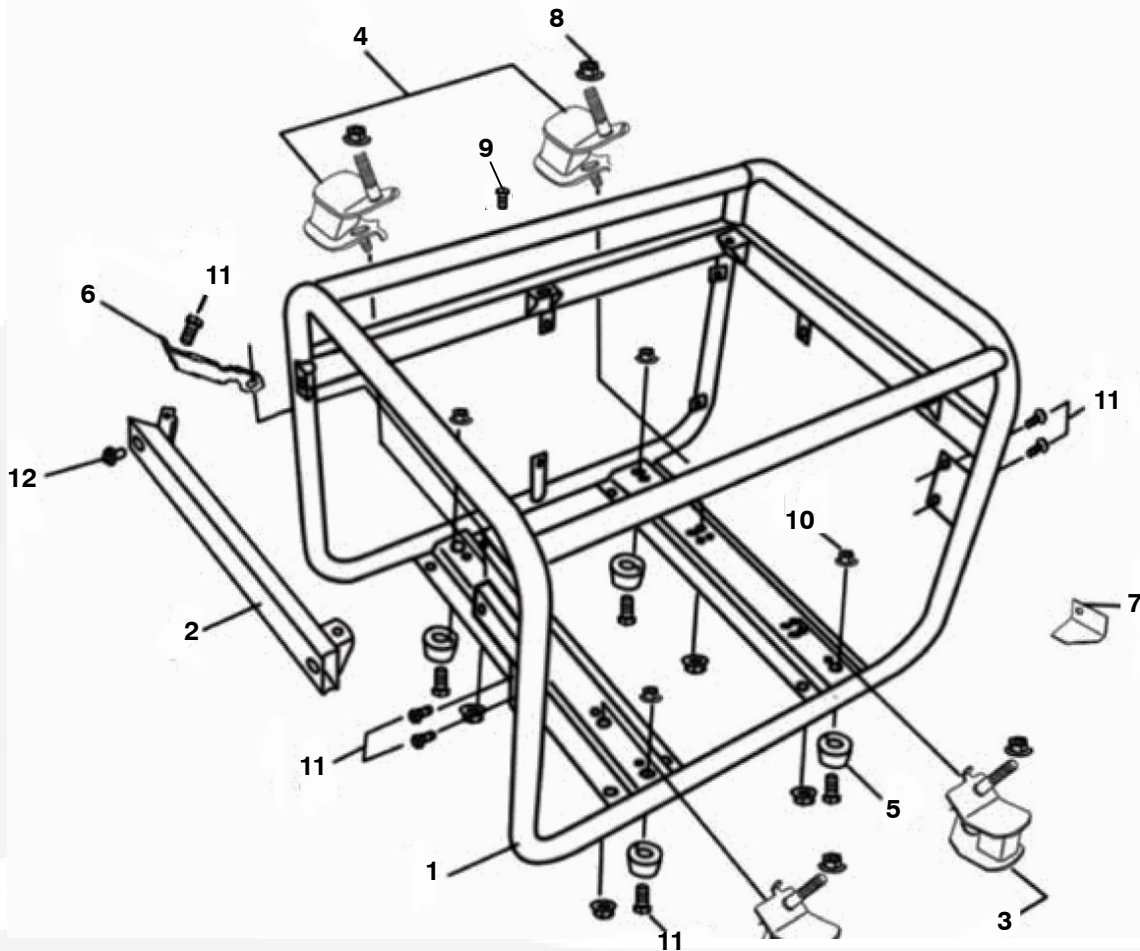
Fuel Tank



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0367	1	Cap, Filler	8	181-0459	1	Isolator, Vibration (Fuel Tank)
2	181-0368	1	Filter, Fuel	9	181-0458	4	Washer
3	181-0369	1	Tank, Fuel	10	181-0460	2	Screw, Flat Head Slotted
4	181-0462	1	Hose, Fuel	11	181-0372	1	Gauge, Level
5	181-0461	1	Clip, Retainer	12	181-0338	4	Screw, Hex Flanged Head (M6 x 22mm)
6	181-0457	1	Valve, Fuel	13	181-0374	4	Sleeve, Tube
7	181-0463	1	Isolator, (Fuel Tube)				

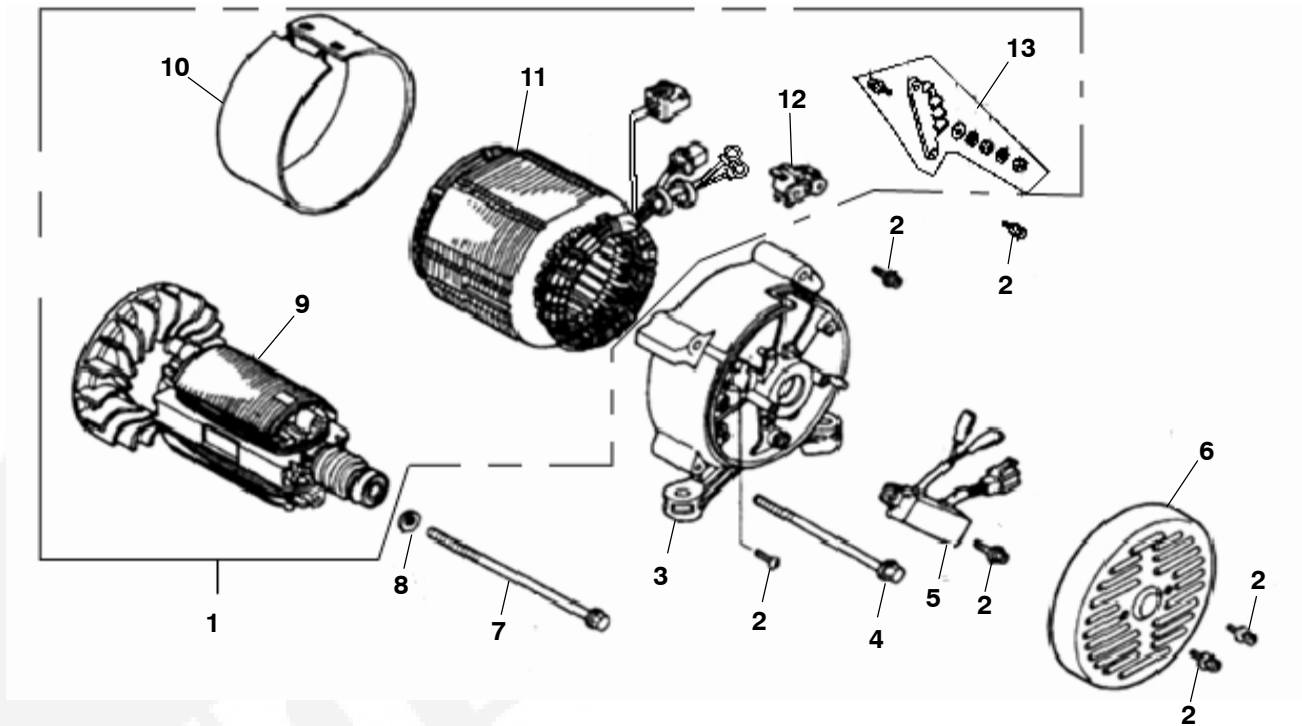


Frame



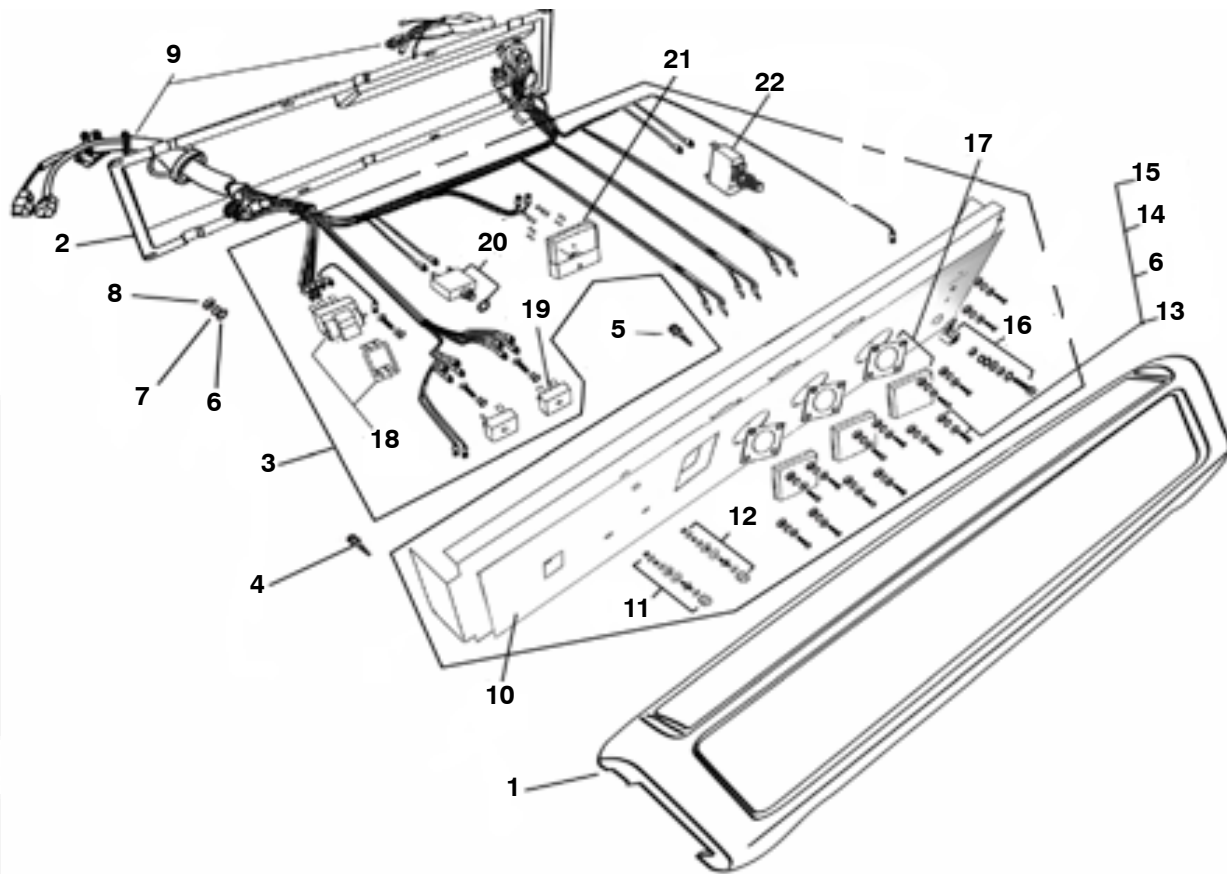
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0467	1	Frame, Generator P2200	9	181-0129	1	Screw, Hex Flanged Head
	A028U603	1	P2600	10	181-0344	4	Nut, Hex Flanged (M6)
2	181-0380	1	Frame, Generator	11	181-0252	10	Screw, Hex Flanged Head (M6 x 14mm)
3	181-0470	2	Isolator, Vibration (Right)	12	A026L009	2	Screw, Hex Flanged Head (M8 x 20mm)
4	181-0469	1	Isolator, Vibration (Left)				
5	181-0534	1	Washer, Valve Spring				
6	181-0382	1	Bracket, Air Cleaner				
7	181-0602	1	Bracket				
8	181-0122	8	Nut, Hex Flanged				

Alternator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	A026K972	1	Alternator	201-3664	1	1	P2200
	191-2481	1	P2200 2kW	201-3665	1	1	P2600
2	815-1567	9	Screw, Hex Flanged Head	10	234-1084	1	Cover, Stator
3	181-0392	1	Housing, Generator	11			Assy, Stator
4			Screw, Hex Flanged Head	220-4702	1	1	P2200
	A026K970	4	P2200 (M6 x 128mm)	220-4703	1	1	P2600
	181-0473	4	P2600 (M6 x 150mm)	12	214-0111	1	Brushes
5			Regulator, Voltage	13	332-4352	1	Terminal, Receptacle
	A026F919	1	P2200 2kW	15	A026K980	1	Rotor, Comp (2.5EU)
	305-1049	1	P2600 (M6 x 150mm)	16	A026K891	1	Rotor, Comp (2EU, 2.5EU)
6	A001W266	1	Cover, Generator	17	A026K983	1	Terminal, Volt Change
7			Screw, Hex Head	18	A026K976	1	Stator Assy
	181-0473	1	P2200	20	305-1046	1	Reg. Assy, Voltage
	805-2023	1	P2600				
8	A007K676	1	Washer				
9			Assy, Rotor				

Control Panel

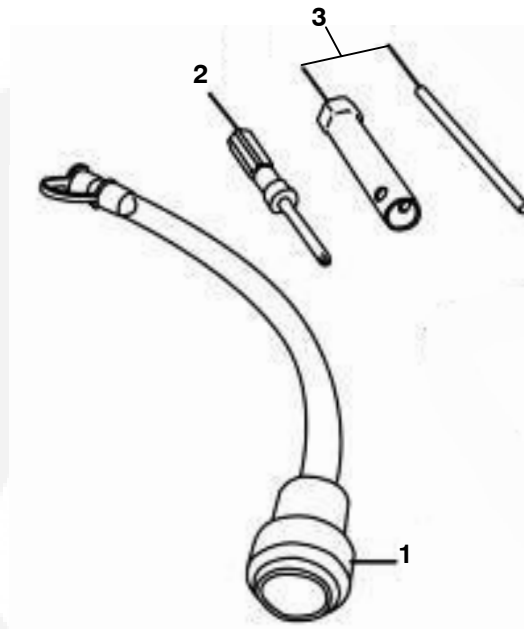


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0478	1	Panel, Control
2	181-0479	1	Panel, Control
3			Components, Control Panel
	300-6535	1	P2200
	300-6536	1	P2600
4	870-2294	4	Nut, Captive
5	870-2295	2	Nut, Captive
6	A026L012	21	Washer (4mm)
7	850-2096	8	Washer, Spring Locking (4mm)
8	181-0480	8	Nut, Captive (M4)
9			Harness, Control Panel
	338-5142	1	P2200
	338-5143	1	P2600
10	98-8858	1	Label, Panel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	404-0313	1	Enclosure, Post Arode
12	404-0314	1	Enclosure, Post Cathode
13	850-2024	13	Screw (M4 x 10mm)
14	850-2096	13	Washer, Spring Locking
15	850-2296	10	Nut, Captive
16	332-4327	1	Receptacle, Terminal Ground
17	181-0619	3	Contact, Socket
18	181-0616	2	Breaker, Circuit
19	357-0160	1	Rectifier, Bridge
20	338-5067	1	Harness, Switch Protector
21	302-2103	1	Meter, Voltage
22	319-7142	1	Cover, Switch
24	A028U654	1	Case, Control Panel



Accessories



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	181-0582	1	Cap, Filler Bottle
2	181-0583	1	Tool, Screwdriver
3	167-1656	1	Tool, Spark Plug Socket

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