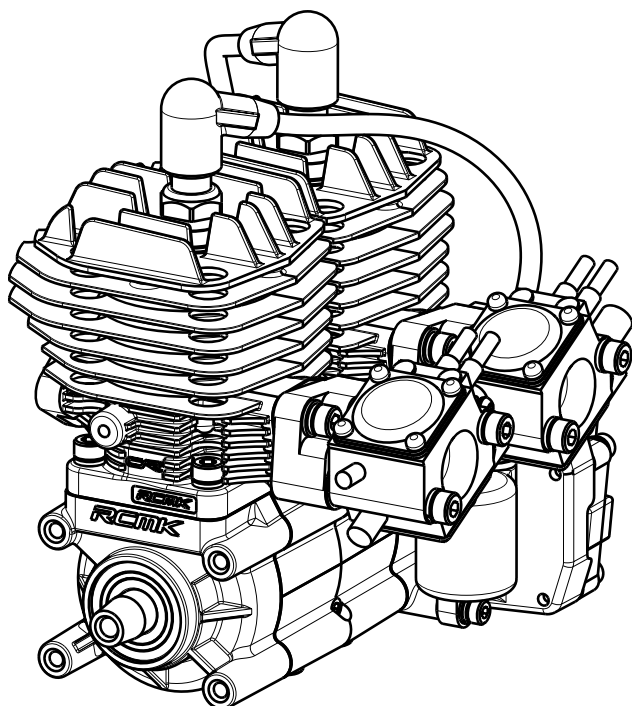




HIGH PERFORMANCE Model Gas Engine **CR600B**

Engine Features

- 6 bearings crank case
- 6001 standard bearing for crankshaft
- Stronger crankshaft and connecting rod
- Walbro WT-929 carburetor
- Natural air-cooling system
- Hand pull start system

WARNING



- Before use engine, read description necessarily.
- This engine is designed and made for use on radio controlled car. So we recommend to use on model boat
- Use genuine parts for replacement.
- Check the bolts fixation condition of engine every time. If the bolts are loosed, fix the loosed bolt, and after check once again.

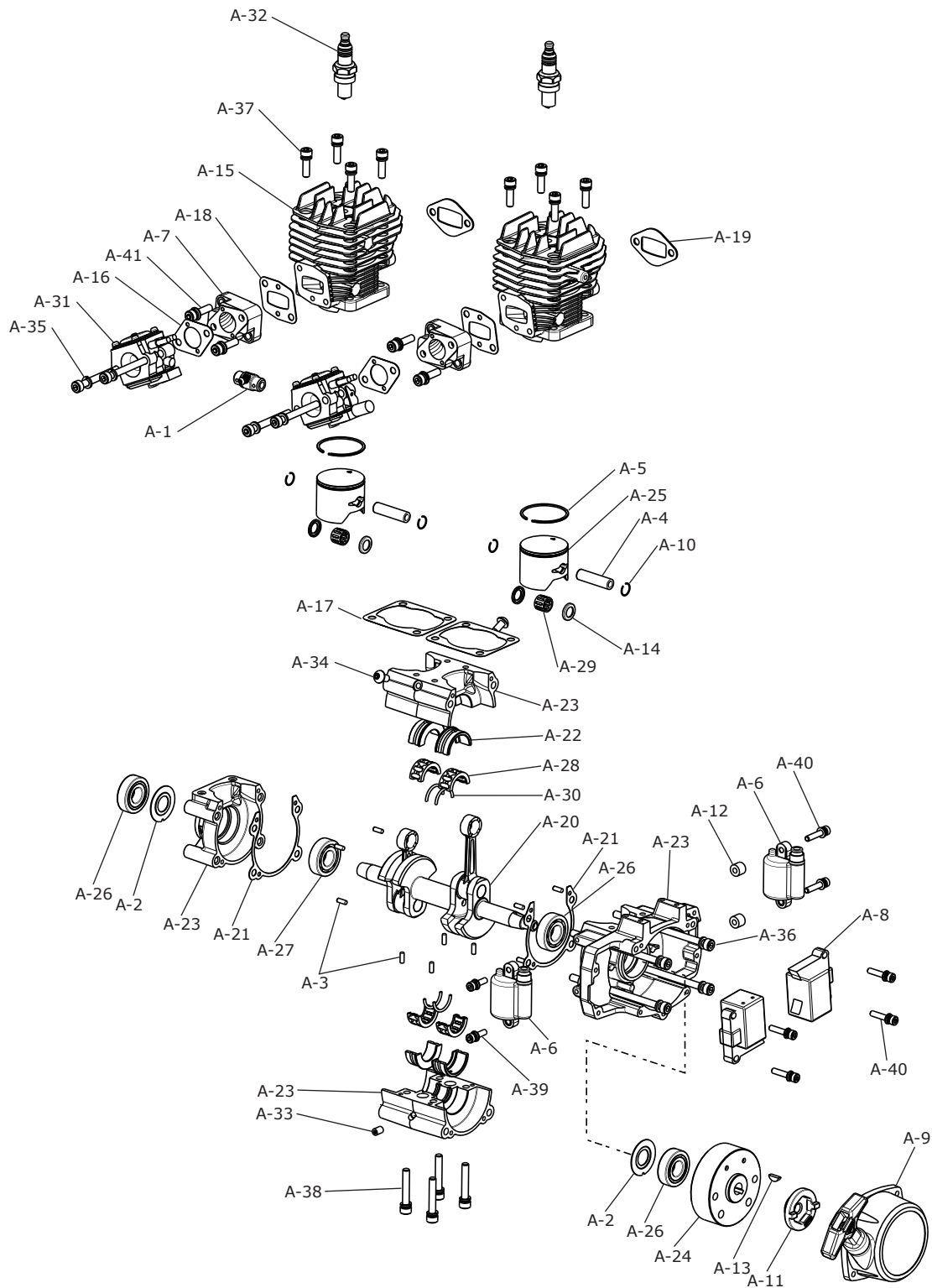
Specifications



Type	Two stroke gasoline engine
Cooling System	Natural Air Cooled
The direction of the exhaust	Side exhaust
Displacement	57 cc
Bore	36.0 mm
Stroke	28.0 mm
Dry weight	2.90 Kg
Overall Dimension	157 mm x 74 mm x 93 mm

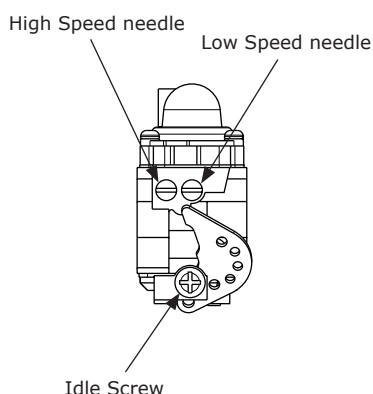
Rotation Direction	CCR (CounterClockwise Rotation)
Fuel	Pre-mixen Fuel, 25(gasoline) : 1 (oil)
Lubrication Oil	High grade two cycle engine oil
Carburater	WT-929
Ignition	non-contact electronic ignition
Spark Plug	CMR7H
Starting	Recoil starter

Parts list



Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
A-1	RB0CF-0D	S520 Carburator Coupler	1	A-22	RE195-05	Half Bearing Guide(pair)	2
A-2	RE0C9-01	Brass oil plate	2	A-23	RE195-01	S520 Crankcase	1
A-3	RE0C9-02	Pin 3P x 8	10	A-24	RE195-03	S520 Rotor	1
A-4	RE0C9-25	Piston pin for K30S	2	A-25	RE197-01	K30S Piston	2
A-5	RE0C9-21	Piston Ring 36mm	2	A-26	RO065-01	Bearing 6001C3	2
A-6	RE0C9-0B	R254 Ignition Coil	2	A-27	RO065-03	Bearing 6001JRLLU	2
A-7	RE0C9-0E	R254 Insulator block	2	A-28	RO067-04	Needle Roller Bearing KT 17 23 11 (half, pair)	2
A-8	RE0C9-11	R254 Source Coil	2	A-29	RO067-01	Needle Roller Bearing KT 8 11 10	2
A-9	RE0C9-12	Recoil Starter	1	A-30	RO06F-0C	O-ring AN017 (half, pair)	2
A-10	RE0C9-16	Snap-ring - C type	4	A-31	RO071-02	Carburetor WT-929	2
A-11	RE0C9-1A	Starter Pulley Nut2	1	A-32	RO073-03	Spark Plug - CMR7H	2
A-12	RE0C9-1E	Washer 9x7.2	2	A-33		Set screw M5 x 8	1
A-13	RE0C9-1C	Woodruff Key	1	A-34		Bolt M5 x 10	2
A-14	RE0C9-1D	Wrist Pin Bearing Spacer	4	A-35		Bolt M5 x 45	4
A-15	RE0CB-0B	CR290 Cylinder	2	A-36		Bolt M5 x 90	4
A-16	RE0CD-01	Gasket for Carburetor	2	A-37		SEMS Bolt 1, M5 x 17	8
A-17	RE0CD-0B	Gasket for Cylinder (K30, CR)(0.2)	2	A-38		SEMS Bolt 1, M5 x 30	4
A-18	RE0CD-01	Gasket for Insulator	2	A-39		SEMS Bolt 2, M4 x 12	2
A-19	RE0CD-10	Gasket for Muffler (CR)	2	A-40		SEMS Bolt 2, M4 x 20	6
A-20	RE0CF-05	Crank assembly (Twin)	1	A-41		SEMS Bolt 2, M5 x 20	4
A-21	RE193-05	S254 Gasket for Crankcase	2				

Carburetor Setting



High Speed Needle	1 1/2 ± 1/4
Low Speed Needle	1 5/8 ± 1/4

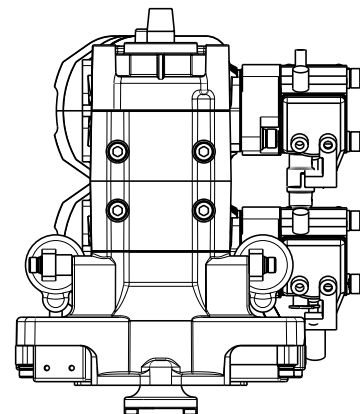
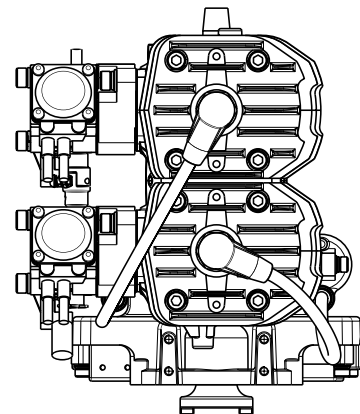
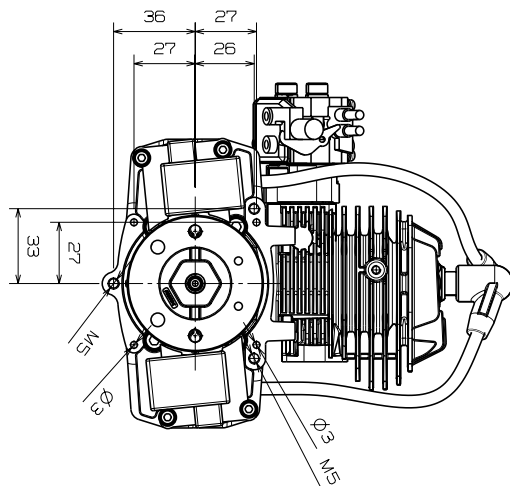
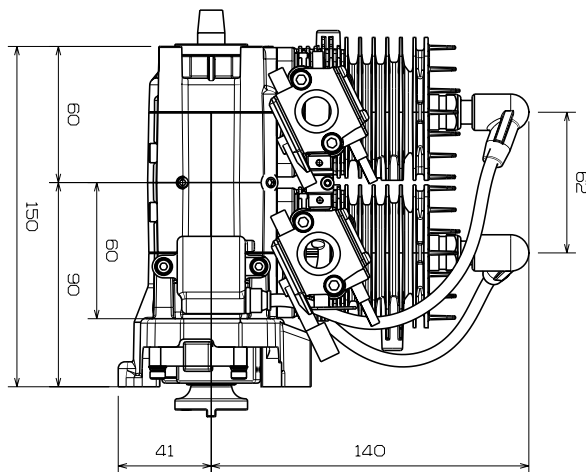
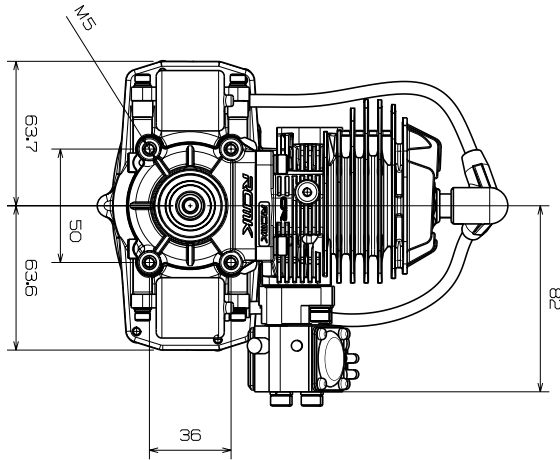
When the needle valve clockwise rotation will increase the RPM.
 And if you rotate counter-clockwise to decrease RPM.

1. Do not tighten the High and Low Speed needles too firmly.
2. When the unit has just started and the engine is not warm enough, there may be insufficient acceleration and the engine may be stopped. Be sure to perform idling before operation.

Outside view



CR600B Engine



Update - 2012/04/25