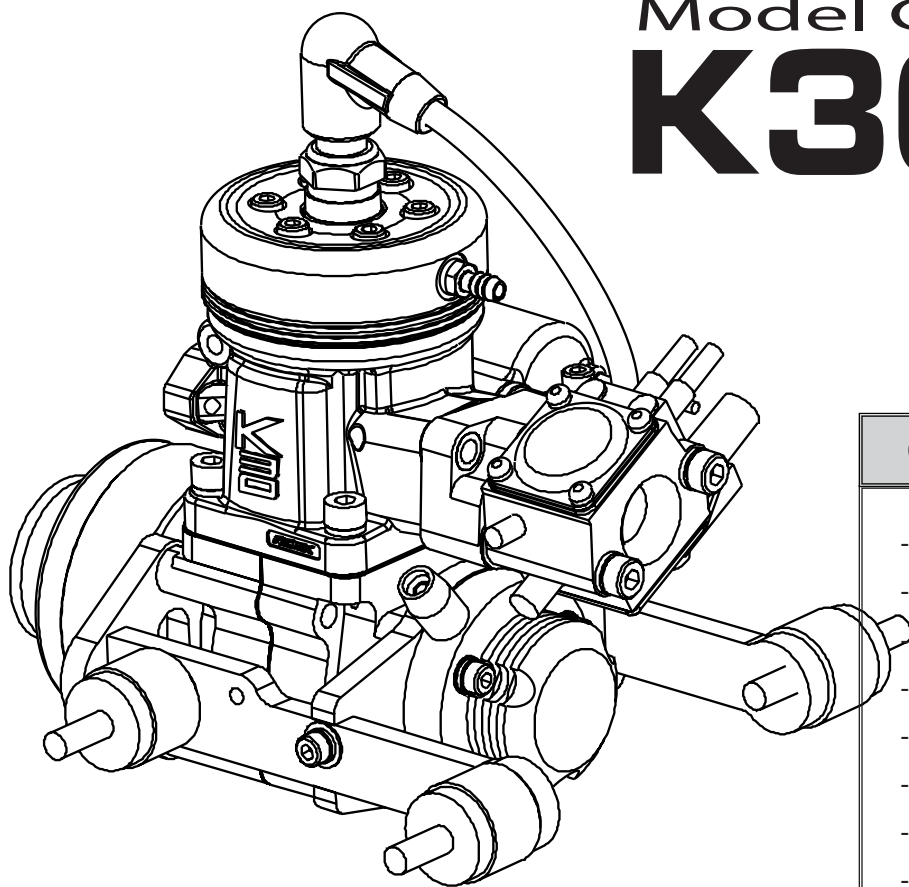


HIGH PERFORMANCE
Model Gas Engine
K30RX



Conversion kit include

- bearing case with 4 bearings
- crank gasket
- Head Water jacket
- Crank case water jacket
- Engine mount
- Rotor
- Pulley(for starter)
- Ignition plate
- Piston

WARNING



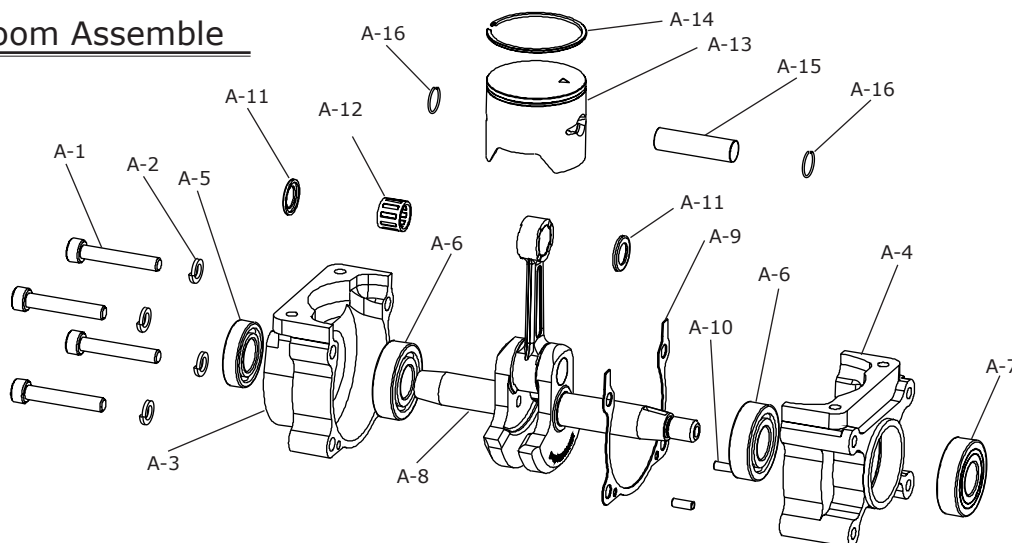
Model Gas Engine **K30RX**
www.rcmk.com

- Before use engine, read description necessarily.
- This engine is designed and made for use on model boat. 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.

Assembly Method

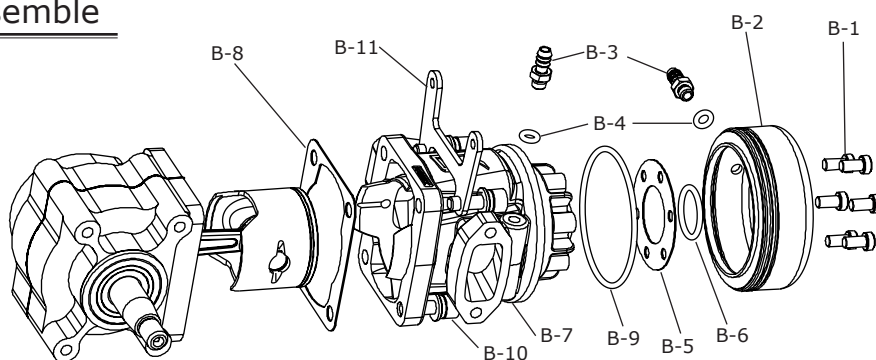


A. Crankroom Assemble



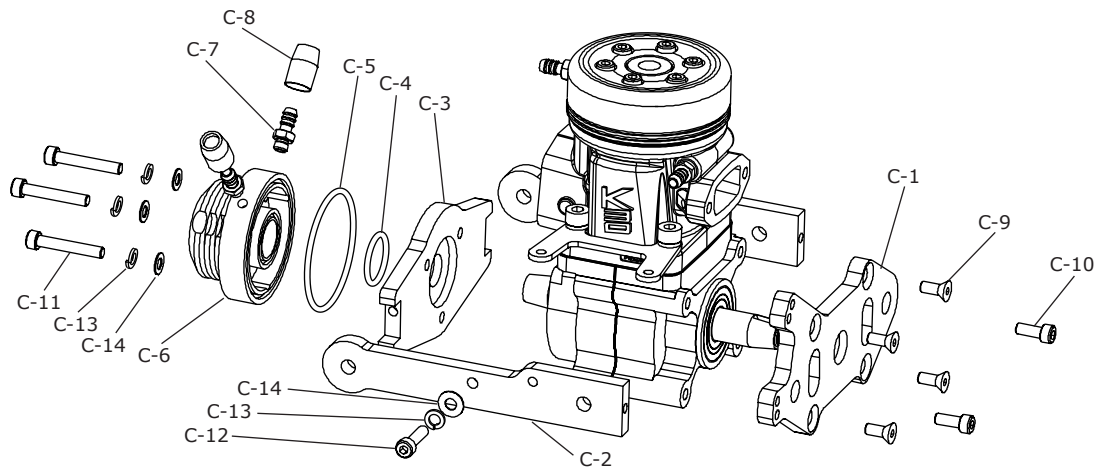
Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
A-1	-	Bolt M5 x 30	4	A-9	RE12D-05	RX Gasket for Crankcase	1
A-2	-	Washer P5	4	A-10	RE0C9-02	Pin 3P x 8	2
A-3	RE12D-03	RX Crankcase Rear	1	A-11	RE0C9-1D	Wrist Pin Bearing Spacer	2
A-4	RE12D-03	RX Crankcase Front	1	A-12	RO067-01	Needle Roller Bearing KT 8 11 10	1
A-5	RO065-04	Bearing 6901DD	1	A-13	RE133-01	K30R Piston	1
A-6	RO065-01	Bearing 6001C3	2	A-14	RE0C9-21	Piston Ring 36mm	1
A-7	RO065-03	Bearing 6001JRLLU	1	A-15	RE0C9-26	Piston Pin for K30R	1
A-8	RE0CF-03	Crank assembly - Long Stroke	1	A-16	RE0C9-16	Snap-ring - C type	2

B. Cylinder Assemble



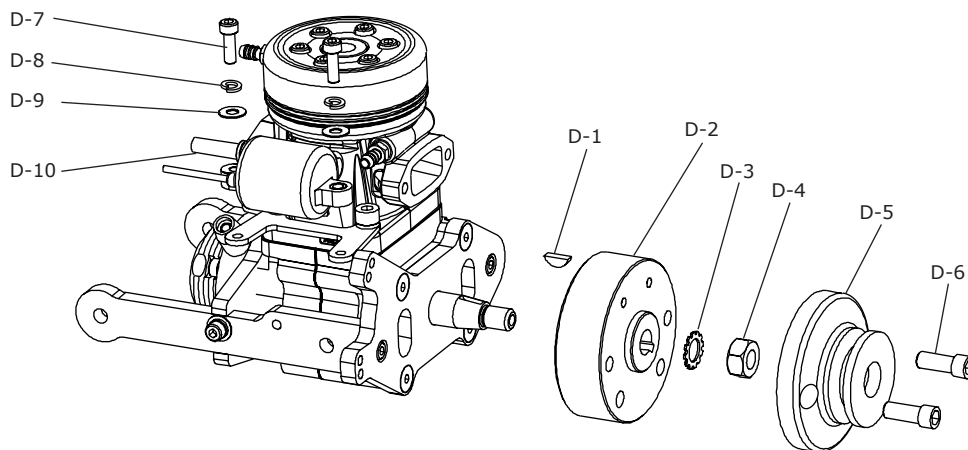
Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
B-1	-	Bolt M4 x 10	6	B-7	RE0CB-09	K30 Cylinder	1
B-2	RE0CB-08	K30 Cylinder Cap	1	B-8	RE0CD-0E	Gasket for K30 Cylinder(0.8)	1
B-3	RO06F-06	O-ring P4	2	B-9	RO06F-0A	O-ring S48	1
B-4	RB1F5-09	Fitting M5	2	B-10	-	Bolt M5 x 17	4
B-5	RE0CD-0A	Gasket for K30 Cylinder Head	1	B-11	RE0C9-0C	R254 Ignition Coil Mount	1
B-6	RO06F-01	O-ring 16 x 2	1				

C. Crankroom Mount Assemble



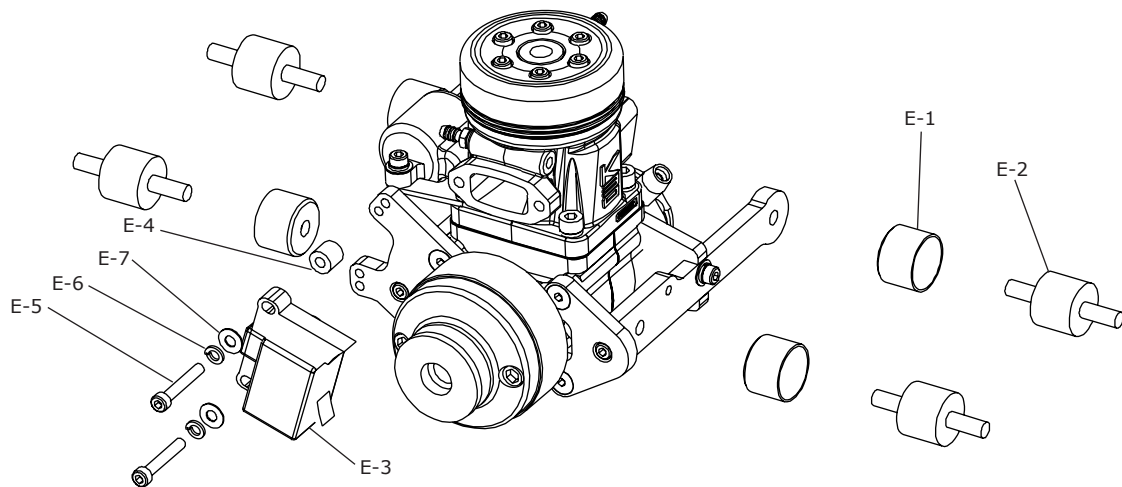
Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
C-1	RB0C9-07	SX Mount Rear	1	C-8	RB1F5-07	Fitting Cap 5	2
C-2	RB0C9-07	SX Mount Side	1	C-9	-	Bolt M5 X 15	4
C-3	RB0C9-07	SX Mount Front	1	C-10	-	Bolt M4 X 10	2
C-4	RO06F-01	O-ring 16x2	1	C-11	-	Bolt M4 X 25	3
C-5	RO06F-08	O-ring S42	1	C-12	-	Bolt M4 X 15	2
C-6	RE12D-02	RX Crank Cooler	1	C-13	-	Spring Washer P4	5
C-7	RB1F5-09	Fitting M5	2	C-14	-	Washer P4	5

D. Rotor Assemble



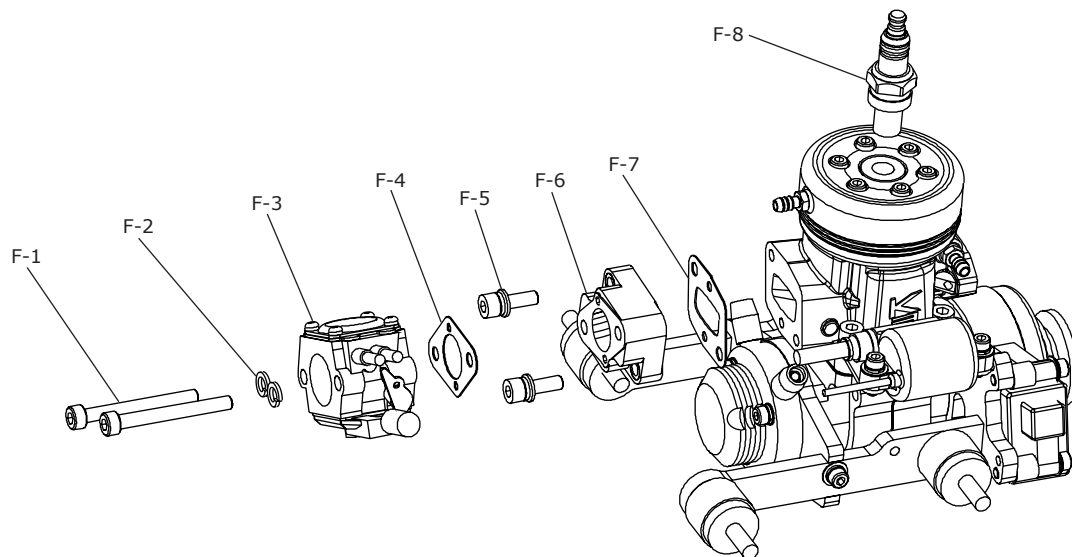
Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
D-1	RE0C9-1C	Woodruff Key	1	D-6	-	Bolt M6 X 15	2
D-2	RE12D-07	RX Rotor	1	D-7	-	Bolt M4 X 12	2
D-3	-	Rock Washer P8	1	D-8	-	Spring Washer P4	2
D-4	-	Nut M8 X P1.0	1	D-9	-	Washer P4	2
D-5	RE0C9-07	Pooly for rear exhaust - Type A	1	D-10	RE0C9-0B	R254 Ignition Coil	1

E. Ignition Assemble



Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
E-1	RB0C9-0F	Rubber Mount G1	4	E-5	-	Bolt M4 X 25	2
E-2	RB0C9-0F	Rubber Mount G1	4	E-6	-	Spring Washer P4	2
E-3	RE0C9-11	R254 Source Coil	1	E-7	-	Washer P4	2
E-4	RE0C9-20	Washer 9x9	2				

F. Caburator Assemble



Key	Part Number	Description	Q'TY	Key	Part Number	Description	Q'TY
F-1	-	Bolt M5 x 45	2	F-5	-	Bolt M5 X 16	2
F-2	-	Spring Washer P5	2	F-6	RE0C9-0E	R254 Insulator block	1
F-3	RO071-02	Carburetor WT-929	1	F-7	RE0CD-06	Gasket for Insulator	1
F-4	RE0CD-01	Gasket for Carburetor	1	F-8	RO073-03	Spark Plug - CMR7H	1

Update - 2012/01/18