

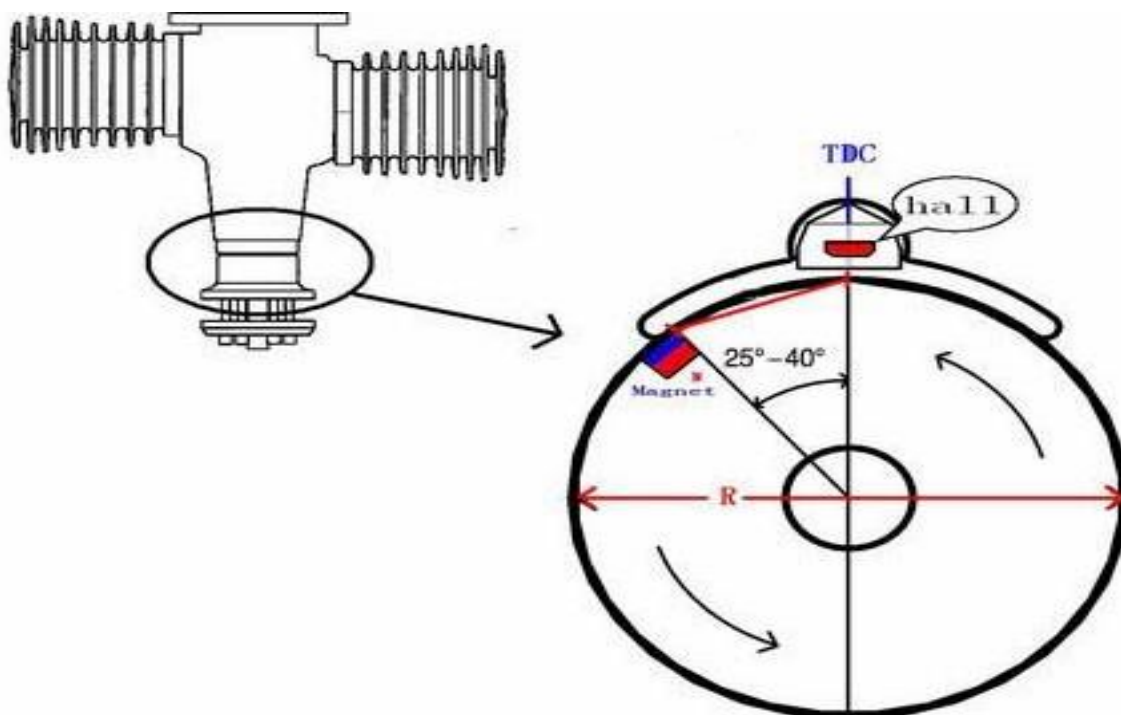
RCGF Ignition system Instruction

1. Each original RCGF gas engine is already adjusted by RCGF professional engineers to get good condition before shipped out. Usually slight adjust is already enough. Then the engine can get best power by suitable adjust of Ignition and carburetor. (For carburetor adjustment you can check RCGF manual pg.6 for reference)

2. Timing will be different according to different weather, temperature, air pressure etc. So you can slightly adjust timing set according to your actual situation.

The suggest timing angle is from 28 degree to 35 degree.

You can adjust the timing from left to right (or from right to left) as follows:



Zhejiang RCGF Model and Engine Co.,Ltd
RCGF ignition system Model A-01 Ver 2.0 TECHNICAL DATA

PARAMETER	Type (single and twin)	MIN	TYPICAL	MAX	UNIT
Input voltage	all	4.0v	4.8v	6v	V
Current consumption	all	35mA(0rpm) 300mA(8000rpm)	45mA(0rpm) 430mA(8000rpm)	60mA(0rpm) 580mA(8000rpm)	
rpm range	all		900-9000		rpm
Output voltage	all	10	12-16	35	kV
Weight	single	105	110	125	g
	twin	155	160	175	g
Range of working temperature	all	-10	+25	+85	℃
Hall sensor Range of working temperature	all	-45	+25	+150	℃
Angle of controlling the pre-ignition	all	4	10(<2000rpm) 35(>4000rpm)	35	degrees
Size of Magnet	all	3	4	5	Φ (mm)
Guaranteed Hours of Operation	all		>2000 hours		+25℃ (5000 rpm)
Ignition Case	all	ABS+nickel-plate			

Voltage Supply range by:

NiCd/NiMh 4 cell battery pack (4.8v >500mA)

NiCd/NiMh 5 cell battery pack (6.0v >800mA)

Li-Fe(A123)2 cell battery pack (6.6v>1000mA)

Li-Poly 2 cell battery pack and other battery or More (use Switching BEC voltage regulator out 5.0v~6.0v) or (7.4V Li-poly Serially connects two IN4007 diode to fall voltage the use)

The data is just for your reference.RCGF reserves the right to make any change or to modify without notice in advance

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