

## TECHNICAL

### RS250R Parts combination according to model years

RS250R

The RS racer has undergone yearly improvements since its debut. Accordingly, the specifications slightly vary with each year. If parts or components specified for particular model year are not installed on a machine, defective setting will result, leading to degraded performance or failures.

#### ▶ Combination of RS250R parts

Parts name	Criteria	'97	'98	'99	'00	'01
Cylinder	Cylinder stamp	Head No.6	Head No.7	Head No.8	Head No.9	Head No.0
Cylinder head	Cylinder stamp	G	G	J	J	J
ECU	Type No.	C1550B	C1550B	C1550C	C1550C	C1550E
Carburetor	Carburetor Stamp			09B <sup>A</sup> / 09C <sup>A</sup>	09E <sup>A</sup> / 09F <sup>A</sup>	09G <sup>A</sup> / 09H <sup>A</sup>

#### ▶ Criteria for each part

##### 1) Cylinder

Cylinders should be identified by the initial digit of 8-digit stamped numbers located to the left when the exhaust side is faced forward. Basically, it should be the first digit of the model year plus one (1).

Example: If stamped numbers are "8GY1D075", appropriate cylinders can be identified as the first digit of 8 plus 1 or 9, which means 1999 model year.

##### 2) Cylinder head

There is a stamp in the white circle indicated in the photo below.

"G" refers to those for the '97 and '98 models without power jet carburetors.

"J" refers to those for the '99 and later models with power jet carburetors.

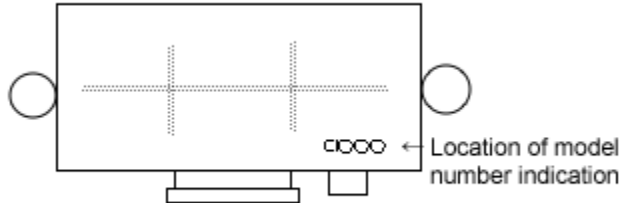
The head stamped with "G" has a volume of about 11.3cc while the head stamped with "J" has a volume of about 12cc. If the particular head does not meet its model year and machine specifications, problems including frequent detonation may result. Extreme care should be exercised.









### 3) ECU

The ECU should be identified by the model number [CI###] written in white placed below the body.

Year	Model.	Parts No.	Remark
'97	CI550B	30400-NX5-771	Unleaded fuel
'98	CI550B	30400-NX5-771	Unleaded fuel
'99	CI550C	30400-NX5-791	Unleaded fuel/Pwj
'00	CI550C	30400-NX5-791	Unleaded fuel/Pwj



### 4) Carburetors

Year	Cylinder	Parts No.	mark	Specification
'99	#1	16101-NX5-791	09B 	MJH BODYø3.7 Float level 8.0mm
	#2	16102-NX5-791	09C 	MJH BODYø3.7 Float level 8.0mm
'00	#1	16101-NX5-681	09E 	MJH BODYø3.7 Float level 8.0mm
	#2	16102-NX5-681	09F 	MJH BODYø3.7 Float level 8.0mm
'01	#1	16101-NXA-003	09G 	MJH BODYø3.7 Float level 8.0mm
	#2	16102-NXA-003	09H 	MJH BODYø3.7 Float level 8.0mm



The MJH BODY in the table above refers to the carburetor side which is fitted with MJHs (hole diameter of 3.7mm). Stamps circled by white letters in the photo should make identification.

### ➤ Settings for each model year

Model year	Features	Settings
'97-'98	Unleaded fuel /PJ carburetor	Peak power oriented settings (max speed of around 13000rpm) If detonation occurs frequently in winter, ignition timing is delayed.
'99-'00	Fitted with Pwj carburetors	Settings reflecting engine revving characteristics after Pwj becomes ineffective.

		Maximum service speed: around 13750rpm Middle ranges become strong when mixture is made richer until hunting occur during throttle on.
'01-	Full face lift (NXA)	Peak power oriented settings. (max of around 13300rpm) Unlike '00 model, not revving characteristics after Pwj becomes ineffective. Earlier shift ups and aggressive use of peak speeds.

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